

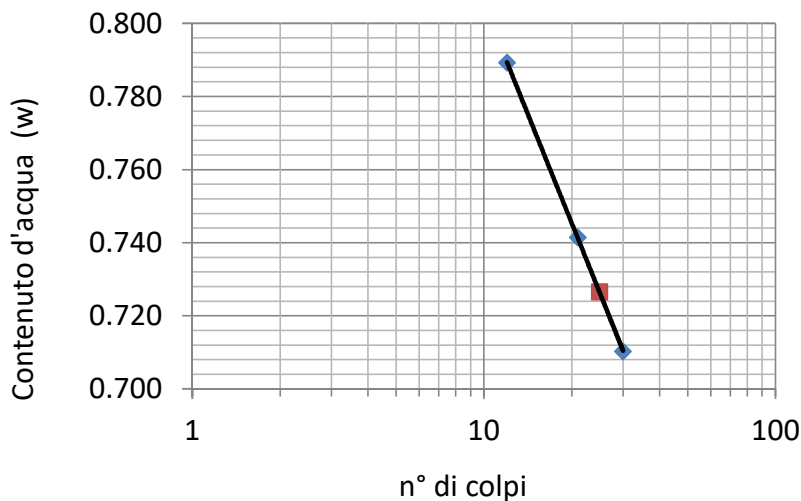


Università degli Studi di Napoli
 Dipartimento di Ingegneria Civile, Edile e Ambientale
 Laboratorio di Geotecnica

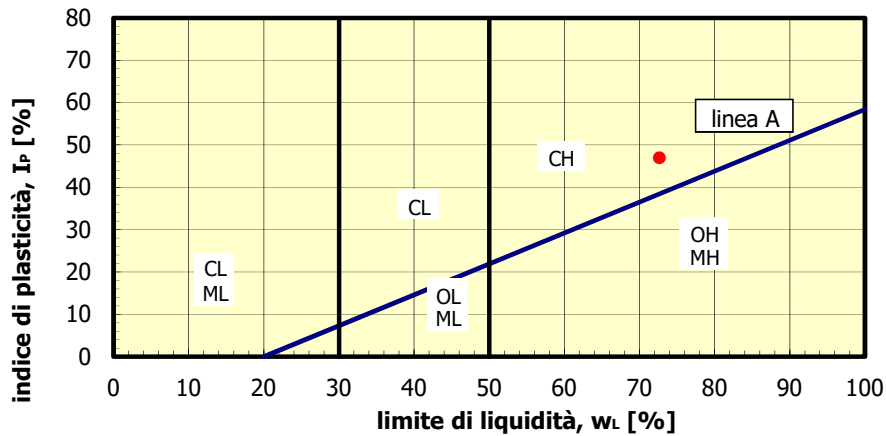
Committente	Consorzio HirpiniaAV
Indagine	I lotto funzionale Apice-Hirpinia
Sondaggio	SN03
Campione	C1
Profondità	4.00-4.40
Data	07/10/2019
Operatore	Alfredo Ponzo

LIMITE DI PLASTICITA'				
pesafiltro n°	Tara	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[gr]	[gr]	[gr]	[-]
19	14.18	52.07	44.32	0.257
w_P				0.257

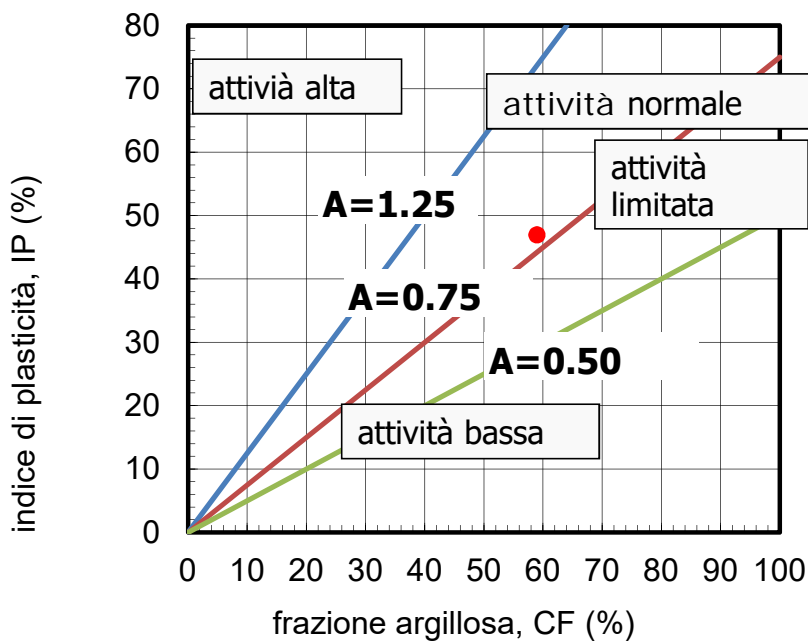
LIMITE DI LIQUIDITA' (Metodo di Casagrande ASTM)					
Pesafiltro n°	N° colpi (N)	Tara (P _c)	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[-]	[g]	[g]	[g]	[g]
177	12	12.05	37.94	26.52	0.789
196	21	11.14	42.59	29.2	0.741
119	30	10.51	37.84	26.49	0.710
Limite di liquidità ASTM (w_L)					0.726



Indice di plasticità (I _p)	Frazione argillosa CF (d < 2 μm)	Indice di attività (I _A)
[%]	[%]	[-]
46.934	59.000	0.795



ML	Limi inorganici da bassa a media plasticità	M = limi
CL	Argille inorganiche da bassa a media plasticità	C = argille
OL	Limi e argille organiche di bassa plasticità	O = sostanze organiche
MH	Limi inorganici di alta plasticità	L = bassa plasticità
CH	Argille inorganiche di alta plasticità	H = alta plasticità
OH	Argille organiche da media ad alta plasticità	



CONSISTENZA TERRENO A GRANA FINE		
w_L	I_p	I_c
[-]	[-]	[-]
72.648	46.934	1.542
COMPATTEZZA TERRENO A GRANA GROSSA		
e_{max}	e_{min}	D_r
[-]	[-]	[-]



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Peso specifico del solido	
Peso specifico dell'acqua (γ_w) (g/cm ³)	1.000
picnometro n°	
Peso picnometro (P_p) (g)	42.55
Peso picnometro + acqua (P_{pw}) (g)	140.170
Volume picnometro (V_p) (cm ³)	97.62
Peso picnometro + terreno (P_{ps}) (g)	62.28
Peso terreno (P_s)	19.73
Peso picnometro + terreno + acqua (P_{psw}) (g)	152.680
Volume acqua aggiunta (V_w) (cm ³)	90.4
Volume terreno (V_s) (cm ³)	7.220
Peso specifico del terreno (γ_s) (kN/m ³)	26.797

Caratteristiche Fisiche Generali			
pesafiltro n°		183	179
Peso contenitore (P_c) (g)	15.12	12.3	11.4
Diametro (D) (mm)	56.00		
Altezza (H) (mm)	20.00		
Volume (V) (cm ³)	49.24		
Peso lordo umido (P_u) (g)	111.14	49.35	50.5
Peso lordo secco (P_s) (g)	90.88	41.3	42.06
Contenuto d'acqua (w)	0.27	0.28	0.28
Peso umido unità di volume (γ) (kN/m ³)	19.12		
Peso secco unità di volume (γ_d) (kN/m ³)	15.09		
Peso specifico del solido (γ_s) (kN/m ³)	26.80		
Porosità (n)	0.44		
Indice dei vuoti (e)	0.78		
Grado di Saturazione (S_r)	0.94		



<u>Committente</u>	Consorzio HirpiniaAV
<u>Indagine</u>	I lotto funzionale Apice-Hirpinia
<u>Sondaggio</u>	SN03
<u>Campione</u>	C1
<u>Profondità</u>	4.00 ÷ 4.40 m
<u>Data apertura</u>	07/10/19
<u>Operatore</u>	Alfredo Ponzo

Diametro (mm):	97
Lunghezza (mm):	370
Data di apertura:	07/10/2019

Stato del Campione	Indisturbato	x
	Parzialmente Rimaneggiato	
	Rimaneggiato	

Descrizione: Argilla con limo omogenea, colore grigio-avana, con striature azzurrine e punteggiatura organica. Presenza di rari elementi calcarei (dmax=5mm)

Colore	Grigio avana con striature azzurrine				
Plasticità	<input type="checkbox"/> Non Plastico	<input type="checkbox"/> Bassa	<input type="checkbox"/> Media alta	<input checked="" type="checkbox"/> Elevata	
Addensamento (Terreni granulari)	<input type="checkbox"/> Molto sciolto (D _r =0.0÷0.2)	<input type="checkbox"/> Sciolto (D _r =0.2÷0.4)	<input type="checkbox"/> Medio (D _r =0.4÷0.6)	<input type="checkbox"/> Denso (D _r =0.6÷0.8)	<input type="checkbox"/> Molto denso (D _r =0.8÷1.0)
Consistenza (Terreni coesivi)	<input type="checkbox"/> Molto molle (I _c < 0.0)	<input type="checkbox"/> Molle (I _c =0.0÷0.5)	<input type="checkbox"/> Media (I _c =0.5÷1.0)	<input checked="" type="checkbox"/> Consistente (I _c >1.0)	<input type="checkbox"/> Molto consist. (I _c >>1.0)
Grado di umidità	<input type="checkbox"/> Asciutto	<input type="checkbox"/> Poco Umido	<input checked="" type="checkbox"/> Umido	<input type="checkbox"/> Molto Umido	
Alterazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	
Struttura	<input checked="" type="checkbox"/> Omogenea	<input type="checkbox"/> Stratificata	<input type="checkbox"/> Scagliosa	<input type="checkbox"/> Laminata	<input type="checkbox"/> Caotica
Fratturazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Moderata	<input type="checkbox"/> Elevata		
Cementazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	

Proprietà fisiche			Proprietà meccaniche	
n,γ,w	X			Compressione uniaassiale
Analisi granulometrica	X		TX-UU	
Limiti	X		TX-CIU	x
CaCO ₃			TX-CID	
Sostanze organiche			TX-Ciclica	x
Peso specifico del solido			Taglio anulare	
Proctor			Taglio diretto	
CBR			RC TS	x
Altro _____			Altro _____	



Università degli Studi di Napoli Federico II

Dipartimento di Ingegneria Civile, Edile ed Ambientale

Laboratorio di Geotecnica

<u>Committente</u>	Consorzio HirpiniaAV
<u>Indagine</u>	I lotto funzionale Apice-Hirpinia
<u>Sondaggio</u>	SN03
<u>Campione</u>	C1
<u>Profondità</u>	4.00 ÷ 4.40 m
<u>Data apertura</u>	07/10/19
<u>Operatore</u>	Alfredo Ponso

FOTO CAMPIONE



Il responsabile della sperimentazione
Prof. Ing. Anna d'Onofrio



Università degli Studi di Napoli Federico II
 Dipartimento di Ingegneria Idraulica,
 Geotecnica ed Ambientale

Prova Compressione Triassiale n.		Celle n.
Prova tipo	TXC	
Committente	Consorzio Hirpinia AV	
Indagine	I lotto funzionale Apice-Hirpinia	
Sondaggio	SN03	
Campione	1	
Profondità	4.00 ÷ 4.40 m	

Condizioni inizio prova			Consolidazione		Condizioni fine prova			
altezza ho	mm	75.99	Pressione di cella σ_c	kPa	300	altezza h	mm	71.80
diámetro d	mm	37.85	Contropressione u_0	kPa	200	diámetro d	mm	38.80
peso umido iniziale	g	170.30	Tensione effettiva σ'_c	kPa	100	Pesafiltro n° 37	g	16.67
Peso specifico γ_s	kN/m ³	26.80				Pf + prov. umido	g	186.83
Peso secco dell'udv γ_d	kN/m ³	15.29				Pf + prov.secco	g	149.95
Contenuto d'acqua w		0.278				Peso specifico γ_s	kN/m ³	26.80
Peso umido dell'udv γ	kN/m ³	19.54				Peso secco dell'udv γ_d	kN/m ³	15.40
Indice dei vuoti e		0.753				Contenuto d'acqua w		0.277
Grado di saturazione Sr		1.0				Peso umido dell'udv γ	kN/m ³	19.66
						Indice dei vuoti e		0.740
						Grado di saturazione Sr		1.0

Prova triassiale ciclica							
tensione di confinamento (kPa)		100	tensione di confinamento (kPa)		100		
deviatore ciclico (kPa)		20	deviatore ciclico (kPa)		30		
frequenza (hz)		0.00625	frequenza (hz)		0.00625		
tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
0.00	0.006	196	0.0204	0.00	0.006	185.6	0.0479
0.03	0.006	196	0.0204	0.03	0.006	185.6	0.0479
0.07	0.006	196	0.0204	0.07	0.006	185.6	0.0488
0.10	0.008	196.2	0.0231	0.10	0.01	185.8	0.0515
0.13	0.011	196.3	0.0275	0.13	0.013	186	0.055
0.17	0.012	196.5	0.0311	0.17	0.015	186.2	0.0586
0.20	0.014	196.7	0.0311	0.20	0.019	186.5	0.0586
0.23	0.016	196.9	0.0346	0.23	0.022	186.8	0.0621
0.27	0.016	196.9	0.0373	0.27	0.022	186.8	0.0657
0.30	0.017	197.1	0.0408	0.30	0.023	187.1	0.0692
0.33	0.019	197.3	0.0444	0.33	0.026	187.5	0.0728
0.37	0.022	197.5	0.0479	0.37	0.03	187.8	0.0772
0.40	0.022	197.7	0.0506	0.40	0.031	188.1	0.0799
0.43	0.024	197.9	0.0533	0.43	0.033	188.5	0.0799
0.47	0.026	198.1	0.0533	0.47	0.036	188.8	0.0843
0.50	0.026	198.1	0.0559	0.50	0.036	188.8	0.0879
0.53	0.026	198.3	0.0568	0.53	0.036	189	0.0905
0.57	0.027	198.4	0.0586	0.57	0.038	189.3	0.0932
0.60	0.028	198.6	0.0604	0.60	0.039	189.6	0.0959
0.63	0.028	198.7	0.0621	0.63	0.04	189.8	0.0976
0.67	0.028	198.8	0.0621	0.67	0.04	190	0.0985
0.70	0.029	199	0.0621	0.70	0.04	190.2	0.0985
0.73	0.029	199	0.063	0.73	0.04	190.2	0.0994
0.78	0.029	199.1	0.063	0.77	0.04	190.4	0.1003
0.82	0.029	199.2	0.063	0.80	0.04	190.5	0.1003
0.83	0.028	199.2	0.063	0.83	0.04	190.6	0.1003
0.87	0.028	199.3	0.063	0.87	0.039	190.7	0.1003
0.90	0.028	199.3	0.0612	0.90	0.039	190.8	0.0994
0.93	0.026	199.2	0.0595	0.93	0.035	190.7	0.0994
0.97	0.025	199.3	0.0586	0.97	0.034	190.7	0.0959
1.00	0.024	199.2	0.0568	1.00	0.034	190.7	0.0941
1.03	0.022	199.1	0.0568	1.03	0.033	190.6	0.0914
1.07	0.021	199.1	0.0541	1.07	0.029	190.5	0.0879
1.10	0.021	199.1	0.0524	1.10	0.027	190.4	0.0852
1.13	0.02	199	0.0497	1.13	0.025	190.2	0.0808
1.17	0.017	198.8	0.047	1.17	0.02	189.9	0.0808
1.20	0.015	198.7	0.0444	1.22	0.019	189.7	0.0737
1.23	0.014	198.6	0.0408	1.25	0.018	189.5	0.0701
1.27	0.011	198.3	0.0408	1.27	0.013	189.2	0.0701
1.30	0.009	198.3	0.0373	1.30	0.012	189.2	0.0648
1.33	0.009	198.2	0.0337	1.33	0.012	189	0.0604
1.37	0.008	198	0.0302	1.37	0.009	188.5	0.055
1.40	0.005	197.7	0.0249	1.40	0.003	188.2	0.0506
1.43	0.003	197.5	0.0222	1.43	0.002	187.9	0.047
1.47	0.002	197.3	0.0178	1.47	-0.001	187.5	0.0426
1.50	-0.001	197	0.0178	1.50	-0.006	187.1	0.0426
1.53	-0.003	196.7	0.0133	1.53	-0.007	187.1	0.0382
1.57	-0.003	196.7	0.0098	1.57	-0.007	186.7	0.0346
1.60	-0.004	196.5	0.0062	1.60	-0.01	186.2	0.0302
1.63	-0.007	196.2	0.0027	1.63	-0.015	185.8	0.0249
1.67	-0.009	196	-0.0009	1.67	-0.015	185.5	0.0222
1.70	-0.01	195.7	-0.0036	1.70	-0.017	185	0.0169
1.73	-0.011	195.4	-0.0036	1.73	-0.022	184.6	0.0169
1.77	-0.013	195.2	-0.0062	1.77	-0.022	184.6	0.0124
1.80	-0.013	195.2	-0.0089	1.80	-0.022	184.4	0.0107

Prova triassiale ciclica							
tensione di confinamento (kPa)		100		tensione di confinamento (kPa)		100	
deviatore ciclico (kPa)		20		deviatore ciclico (kPa)		30	
frequenza (hz)		0.00625		frequenza (hz)		0.00625	
tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
0.00	0.006	196	0.0204	0.00	0.006	185.6	0.0479
0.03	0.006	196	0.0204	0.03	0.006	185.6	0.0479
0.07	0.006	196	0.0204	0.07	0.006	185.6	0.0488
0.10	0.008	196.2	0.0231	0.10	0.01	185.8	0.0515
0.13	0.011	196.3	0.0275	0.13	0.013	186	0.055
0.17	0.012	196.5	0.0311	0.17	0.015	186.2	0.0586
0.20	0.014	196.7	0.0311	0.20	0.019	186.5	0.0586
0.23	0.016	196.9	0.0346	0.23	0.022	186.8	0.0621
0.27	0.016	196.9	0.0373	0.27	0.022	186.8	0.0657
0.30	0.017	197.1	0.0408	0.30	0.023	187.1	0.0692
0.33	0.019	197.3	0.0444	0.33	0.026	187.5	0.0728
0.37	0.022	197.5	0.0479	0.37	0.03	187.8	0.0772
0.40	0.022	197.7	0.0506	0.40	0.031	188.1	0.0799
0.43	0.024	197.9	0.0533	0.43	0.033	188.5	0.0799
0.47	0.026	198.1	0.0533	0.47	0.036	188.8	0.0843
0.50	0.026	198.1	0.0559	0.50	0.036	188.8	0.0879
0.53	0.026	198.3	0.0568	0.53	0.036	189	0.0905
0.57	0.027	198.4	0.0586	0.57	0.038	189.3	0.0932
0.60	0.028	198.6	0.0604	0.60	0.039	189.6	0.0959
0.63	0.028	198.7	0.0621	0.63	0.04	189.8	0.0976
0.67	0.028	198.8	0.0621	0.67	0.04	190	0.0985
0.70	0.029	199	0.0621	0.70	0.04	190.2	0.0985
0.73	0.029	199	0.063	0.73	0.04	190.2	0.0994
0.78	0.029	199.1	0.063	0.77	0.04	190.4	0.1003
0.82	0.029	199.2	0.063	0.80	0.04	190.5	0.1003
0.83	0.028	199.2	0.063	0.83	0.04	190.6	0.1003
0.87	0.028	199.3	0.063	0.87	0.039	190.7	0.1003
0.90	0.028	199.3	0.0612	0.90	0.039	190.8	0.0994
0.93	0.026	199.2	0.0595	0.93	0.035	190.7	0.0994
0.97	0.025	199.3	0.0586	0.97	0.034	190.7	0.0959
1.00	0.024	199.2	0.0568	1.00	0.034	190.7	0.0941
1.03	0.022	199.1	0.0568	1.03	0.033	190.6	0.0914
1.07	0.021	199.1	0.0541	1.07	0.029	190.5	0.0879
1.10	0.021	199.1	0.0524	1.10	0.027	190.4	0.0852
1.13	0.02	199	0.0497	1.13	0.025	190.2	0.0808
1.17	0.017	198.8	0.047	1.17	0.02	189.9	0.0808
1.20	0.015	198.7	0.0444	1.22	0.019	189.7	0.0737
1.23	0.014	198.6	0.0408	1.25	0.018	189.5	0.0701
1.27	0.011	198.3	0.0408	1.27	0.013	189.2	0.0701
1.30	0.009	198.3	0.0373	1.30	0.012	189.2	0.0648
1.33	0.009	198.2	0.0337	1.33	0.012	189	0.0604
1.37	0.008	198	0.0302	1.37	0.009	188.5	0.055
1.40	0.005	197.7	0.0249	1.40	0.003	188.2	0.0506
1.43	0.003	197.5	0.0222	1.43	0.002	187.9	0.047
1.47	0.002	197.3	0.0178	1.47	-0.001	187.5	0.0426
1.50	-0.001	197	0.0178	1.50	-0.006	187.1	0.0426
1.53	-0.003	196.7	0.0133	1.53	-0.007	187.1	0.0382
1.57	-0.003	196.7	0.0098	1.57	-0.007	186.7	0.0346
1.60	-0.004	196.5	0.0062	1.60	-0.01	186.2	0.0302
1.63	-0.007	196.2	0.0027	1.63	-0.015	185.8	0.0249
1.67	-0.009	196	-0.0009	1.67	-0.015	185.5	0.0222
1.70	-0.01	195.7	-0.0036	1.70	-0.017	185	0.0169
1.73	-0.011	195.4	-0.0036	1.73	-0.022	184.6	0.0169
1.77	-0.013	195.2	-0.0062	1.77	-0.022	184.6	0.0124
1.80	-0.013	195.2	-0.0089	1.80	-0.022	184.4	0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1.83	-0.014	195	-0.0107	1.83	-0.023	184	0.0071
1.87	-0.015	194.7	-0.0133	1.87	-0.025	183.7	0.0036
1.90	-0.016	194.5	-0.0151	1.90	-0.027	183.4	0.0009
1.93	-0.016	194.3	-0.016	1.93	-0.027	183.1	-0.0009
1.97	-0.017	194.2	-0.016	1.97	-0.028	182.9	-0.0009
2.00	-0.017	194	-0.0178	2.00	-0.029	182.9	-0.0027
2.03	-0.017	194	-0.0186	2.03	-0.029	182.6	-0.0036
2.07	-0.017	193.9	-0.0186	2.07	-0.029	182.5	-0.0044
2.10	-0.017	193.8	-0.0186	2.10	-0.029	182.3	-0.0044
2.13	-0.017	193.7	-0.0178	2.13	-0.028	182.2	-0.0044
2.17	-0.016	193.6	-0.0178	2.17	-0.028	182.1	-0.0044
2.22	-0.016	193.6	-0.0169	2.20	-0.027	182.1	-0.0044
2.25	-0.015	193.5	-0.0169	2.23	-0.025	182.1	-0.0027
2.28	-0.014	193.5	-0.0151	2.27	-0.025	182	-0.0018
2.30	-0.014	193.6	-0.0133	2.30	-0.024	182.1	0.0009
2.33	-0.012	193.6	-0.0133	2.33	-0.022	182.2	0.0036
2.37	-0.011	193.6	-0.0115	2.37	-0.019	182.2	0.0062
2.40	-0.011	193.6	-0.0098	2.40	-0.018	182.3	0.0089
2.43	-0.01	193.8	-0.0071	2.43	-0.015	182.5	0.0089
2.47	-0.007	193.9	-0.0044	2.47	-0.012	182.6	0.0124
2.50	-0.006	193.9	-0.0027	2.50	-0.012	182.6	0.016
2.53	-0.004	194.1	0.0018	2.53	-0.01	182.8	0.0204
2.57	-0.001	194.3	0.0018	2.57	-0.006	183.2	0.0257
2.60	0	194.3	0.0044	2.60	-0.004	183.4	0.0302
2.63	0	194.4	0.008	2.65	-0.002	183.6	0.0355
2.67	0.002	194.7	0.0124	2.68	0.001	183.9	0.0391
2.70	0.006	194.9	0.016	2.72	0.005	184.2	0.0426
2.73	0.006	195	0.0186	2.73	0.006	184.5	0.0479
2.77	0.008	195.3	0.024	2.77	0.011	184.9	0.0479
2.80	0.012	195.6	0.024	2.80	0.014	185.2	0.0524
2.83	0.013	195.6	0.0284	2.83	0.014	185.2	0.0559
2.87	0.013	195.8	0.0311	2.87	0.016	185.5	0.0604
2.90	0.014	196.1	0.0355	2.90	0.02	185.9	0.0657
2.93	0.017	196.3	0.0391	2.93	0.023	186.3	0.0692
2.97	0.019	196.5	0.0426	2.97	0.024	186.5	0.0737
3.00	0.02	196.8	0.0453	3.00	0.028	187.1	0.0737
3.03	0.023	197	0.0453	3.03	0.031	187.4	0.0781
3.07	0.023	197	0.0488	3.07	0.031	187.4	0.0817
3.10	0.023	197.2	0.0506	3.10	0.031	187.7	0.0861
3.13	0.024	197.4	0.0533	3.13	0.034	188.1	0.0897
3.17	0.026	197.7	0.0559	3.17	0.037	188.5	0.0932
3.20	0.027	197.9	0.0577	3.20	0.037	188.7	0.095
3.23	0.027	198	0.0595	3.23	0.038	189	0.0976
3.27	0.028	198.2	0.0595	3.27	0.04	189.3	0.0976
3.30	0.029	198.2	0.0612	3.30	0.04	189.3	0.0994
3.33	0.029	198.4	0.0621	3.33	0.04	189.5	0.1012
3.37	0.029	198.5	0.0621	3.37	0.04	189.7	0.1021
3.40	0.029	198.6	0.0621	3.40	0.04	189.9	0.103
3.43	0.029	198.7	0.063	3.43	0.04	190.1	0.103
3.47	0.028	198.8	0.063	3.47	0.04	190.2	0.103
3.50	0.028	198.9	0.063	3.50	0.04	190.4	0.103
3.53	0.028	198.9	0.063	3.53	0.039	190.4	0.103
3.57	0.028	198.9	0.0621	3.57	0.039	190.5	0.103
3.60	0.026	199	0.0595	3.60	0.037	190.5	0.0994
3.63	0.025	198.9	0.0577	3.63	0.034	190.4	0.0968
3.68	0.024	198.9	0.0568	3.67	0.033	190.4	0.0959
3.72	0.024	198.9	0.0559	3.70	0.031	190.4	0.0923
3.73	0.022	198.8	0.0533	3.73	0.027	190.2	0.0923
3.77	0.02	198.8	0.0515	3.77	0.026	190.2	0.0888
3.80	0.019	198.7	0.0479	3.80	0.026	190.1	0.0861
3.83	0.016	198.5	0.0479	3.83	0.024	189.9	0.0808
3.87	0.014	198.4	0.0453	3.87	0.019	189.6	0.0763

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
3.90	0.014	198.4	0.0426	3.90	0.018	189.4	0.0719
3.93	0.013	198.3	0.0391	3.93	0.015	189.1	0.0666
3.97	0.011	198	0.0355	3.97	0.01	188.8	0.0666
4.00	0.008	197.9	0.032	4.00	0.009	188.8	0.0612
4.03	0.007	197.7	0.0284	4.03	0.009	188.5	0.0577
4.07	0.005	197.4	0.0231	4.07	0.006	188.2	0.0524
4.10	0.002	197.2	0.0231	4.12	0	187.7	0.047
4.13	0.001	197.2	0.0195	4.15	0	187.5	0.0453
4.17	0.001	197	0.0169	4.17	-0.002	187.2	0.0408
4.20	-0.001	196.7	0.0124	4.20	-0.007	186.7	0.0355
4.23	-0.005	196.5	0.008	4.23	-0.009	186.4	0.0328
4.27	-0.005	196.3	0.0053	4.27	-0.011	186	0.0275
4.30	-0.007	196	0.0009	4.30	-0.016	185.5	0.0275
4.33	-0.01	195.7	0.0009	4.33	-0.017	185.5	0.0213
4.37	-0.01	195.7	-0.0027	4.37	-0.017	185.2	0.0186
4.40	-0.01	195.5	-0.0053	4.40	-0.018	184.9	0.0133
4.43	-0.011	195.2	-0.008	4.43	-0.022	184.4	0.0098
4.47	-0.014	194.9	-0.0107	4.47	-0.023	184.1	0.0062
4.50	-0.014	194.7	-0.0115	4.50	-0.024	183.8	0.0044
4.53	-0.015	194.5	-0.0142	4.53	-0.026	183.5	0.0044
4.57	-0.016	194.3	-0.0142	4.57	-0.027	183.2	0.0009
4.60	-0.017	194.3	-0.016	4.60	-0.027	183.2	-0.0009
4.63	-0.017	194.2	-0.0169	4.63	-0.028	182.9	-0.0036
4.67	-0.017	194	-0.0178	4.67	-0.029	182.7	-0.0044
4.70	-0.017	193.9	-0.0178	4.70	-0.029	182.5	-0.0053
4.73	-0.017	193.8	-0.0186	4.73	-0.029	182.3	-0.0062
4.77	-0.017	193.7	-0.0186	4.77	-0.028	182.2	-0.0062
4.80	-0.017	193.6	-0.0186	4.80	-0.028	182.1	-0.0062
4.83	-0.016	193.6	-0.0186	4.83	-0.028	182.1	-0.0062
4.87	-0.016	193.5	-0.0178	4.87	-0.027	182	-0.0044
4.90	-0.016	193.5	-0.0169	4.90	-0.026	182	-0.0027
4.93	-0.014	193.5	-0.0151	4.93	-0.024	182	-0.0018
4.97	-0.014	193.5	-0.0142	4.97	-0.023	182	0
5.00	-0.012	193.6	-0.0115	5.00	-0.022	182.1	0.0027
5.03	-0.011	193.6	-0.0115	5.03	-0.018	182.2	0.0027
5.07	-0.009	193.6	-0.0107	5.07	-0.017	182.2	0.0062
5.10	-0.009	193.7	-0.008	5.10	-0.017	182.3	0.0089
5.15	-0.006	193.9	-0.0053	5.13	-0.015	182.6	0.0133
5.18	-0.005	193.9	-0.0036	5.17	-0.011	182.8	0.0178
5.20	-0.005	194	-0.0009	5.20	-0.009	182.9	0.0213
5.23	-0.003	194.1	0.0027	5.23	-0.007	183.2	0.0257
5.27	0	194.3	0.0062	5.27	-0.002	183.5	0.0257
5.30	0.001	194.5	0.0089	5.30	0	183.5	0.032
5.33	0.002	194.7	0.0124	5.33	0	183.8	0.0373
5.37	0.006	194.9	0.0124	5.37	0.003	184.2	0.0426
5.40	0.008	195.1	0.0169	5.40	0.008	184.5	0.0479
5.43	0.008	195.1	0.0204	5.43	0.01	184.7	0.0515
5.47	0.009	195.4	0.024	5.47	0.012	185.2	0.0559
5.50	0.012	195.7	0.0302	5.50	0.017	185.5	0.0559
5.53	0.014	195.9	0.0328	5.55	0.019	185.8	0.063
5.57	0.015	196.1	0.0364	5.58	0.02	186.1	0.0666
5.60	0.017	196.4	0.0364	5.62	0.024	186.5	0.0666
5.63	0.02	196.6	0.0399	5.63	0.026	186.5	0.0719
5.67	0.02	196.6	0.0435	5.67	0.026	186.8	0.0763
5.70	0.02	196.8	0.047	5.70	0.027	187.2	0.0808
5.73	0.022	197.1	0.0497	5.73	0.032	187.6	0.0852
5.77	0.024	197.3	0.0524	5.77	0.032	187.9	0.0888
5.80	0.025	197.5	0.055	5.80	0.034	188.3	0.0932
5.83	0.026	197.7	0.0568	5.83	0.037	188.6	0.0932
5.87	0.027	197.9	0.0568	5.87	0.038	188.6	0.0959
5.90	0.028	197.9	0.0586	5.90	0.038	188.9	0.0985
5.93	0.028	198.1	0.0595	5.93	0.038	189.2	0.1003
5.97	0.028	198.3	0.0604	5.97	0.039	189.5	0.1021

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
6.00	0.029	198.4	0.0621	6.00	0.04	189.7	0.103
6.03	0.029	198.5	0.0621	6.03	0.04	189.9	0.1039
6.07	0.029	198.7	0.063	6.07	0.04	190.1	0.1039
6.10	0.029	198.7	0.063	6.10	0.04	190.1	0.1047
6.13	0.029	198.7	0.063	6.13	0.04	190.2	0.1047
6.17	0.029	198.8	0.063	6.17	0.04	190.4	0.1047
6.20	0.028	198.9	0.0621	6.20	0.04	190.5	0.1047
6.23	0.027	198.9	0.0604	6.23	0.038	190.6	0.103
6.27	0.026	199	0.0595	6.27	0.037	190.6	0.1003
6.30	0.025	199	0.0586	6.30	0.034	190.5	0.1003
6.33	0.023	198.9	0.0586	6.33	0.032	190.5	0.0976
6.37	0.022	198.9	0.0559	6.37	0.032	190.4	0.0959
6.40	0.022	198.9	0.0541	6.40	0.031	190.4	0.0923
6.43	0.021	198.8	0.0515	6.43	0.027	190.2	0.0888
6.47	0.018	198.6	0.0488	6.47	0.025	190.1	0.0861
6.50	0.017	198.6	0.0462	6.50	0.023	189.9	0.0808
6.53	0.016	198.4	0.0426	6.53	0.019	189.6	0.0808
6.58	0.012	198.2	0.0391	6.57	0.016	189.4	0.0754
6.62	0.012	198.2	0.0373	6.60	0.016	189.4	0.0719
6.65	0.011	198	0.0346	6.63	0.014	189.2	0.0666
6.67	0.006	197.7	0.0346	6.67	0.01	188.7	0.0604
6.70	0.006	197.7	0.0293	6.70	0.006	188.4	0.0568
6.73	0.006	197.6	0.0275	6.73	0.005	188.2	0.0515
6.77	0.005	197.4	0.0222	6.77	0	187.7	0.0515
6.80	0.001	197.1	0.0178	6.80	-0.003	187.3	0.0462
6.83	0	196.9	0.0151	6.83	-0.003	187.3	0.0426
6.87	-0.002	196.6	0.0107	6.87	-0.005	187	0.0382
6.90	-0.005	196.4	0.0107	6.90	-0.008	186.4	0.0328
6.93	-0.006	196.4	0.0062	6.93	-0.012	186.1	0.0284
6.97	-0.006	196.1	0.0027	6.97	-0.013	185.8	0.0231
7.00	-0.007	195.9	0	7.02	-0.016	185.3	0.0186
7.03	-0.01	195.6	-0.0044	7.05	-0.018	185	0.016
7.07	-0.011	195.4	-0.0062	7.07	-0.019	184.7	0.0115
7.10	-0.012	195.1	-0.0089	7.10	-0.022	184.3	0.008
7.13	-0.014	194.8	-0.0089	7.13	-0.025	183.9	0.008
7.17	-0.015	194.8	-0.0115	7.17	-0.025	183.9	0.0044
7.20	-0.015	194.7	-0.0133	7.20	-0.025	183.7	0.0027
7.23	-0.015	194.5	-0.0151	7.23	-0.026	183.4	0
7.27	-0.016	194.3	-0.0169	7.27	-0.028	183.1	-0.0027
7.30	-0.017	194.1	-0.0178	7.30	-0.028	182.9	-0.0036
7.33	-0.017	194	-0.0186	7.33	-0.029	182.6	-0.0053
7.37	-0.017	193.8	-0.0186	7.37	-0.029	182.4	-0.0053
7.40	-0.017	193.8	-0.0186	7.40	-0.029	182.4	-0.0062
7.43	-0.017	193.7	-0.0186	7.43	-0.029	182.3	-0.0062
7.47	-0.017	193.6	-0.0186	7.47	-0.028	182.2	-0.0062
7.50	-0.017	193.6	-0.0186	7.50	-0.028	182.1	-0.0053
7.53	-0.016	193.5	-0.0178	7.53	-0.027	182	-0.0044
7.57	-0.015	193.5	-0.0169	7.57	-0.026	182	-0.0027
7.60	-0.014	193.5	-0.0169	7.60	-0.023	182.1	-0.0027
7.63	-0.013	193.5	-0.0151	7.63	-0.022	182.1	-0.0009
7.67	-0.013	193.5	-0.0142	7.67	-0.022	182.1	0.0009
7.70	-0.012	193.6	-0.0115	7.70	-0.021	182.2	0.0044
7.73	-0.01	193.7	-0.0098	7.73	-0.017	182.3	0.0071
7.77	-0.008	193.8	-0.0071	7.77	-0.016	182.4	0.0107
7.80	-0.007	193.8	-0.0044	7.80	-0.014	182.6	0.0142
7.83	-0.006	194	-0.0018	7.83	-0.009	182.9	0.0142
7.87	-0.002	194.2	-0.0018	7.87	-0.008	182.9	0.0186
7.90	-0.002	194.2	0.0018	7.90	-0.008	183	0.0231
7.93	-0.002	194.3	0.0044	7.93	-0.006	183.3	0.0293
7.97	0	194.5	0.008	7.97	0	183.7	0.0355
8.00	0.003	194.7	0.0124	8.00	0.001	183.9	0.0391
8.05	0.005	194.9	0.0151	8.03	0.004	184.2	0.0444
8.08	0.006	195	0.0178	8.07	0.009	184.7	0.0444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
8.10	0.009	195.3	0.0213	8.10	0.011	185	0.0497
8.13	0.01	195.5	0.0249	8.13	0.011	185	0.0533
8.17	0.011	195.8	0.0302	8.17	0.013	185.2	0.0586
8.20	0.015	196	0.0302	8.20	0.018	185.7	0.0639
8.23	0.016	196	0.0346	8.23	0.02	186	0.0675
8.27	0.016	196.2	0.0382	8.27	0.022	186.3	0.0719
8.30	0.017	196.5	0.0417	8.30	0.026	186.8	0.0719
8.33	0.021	196.8	0.0453	8.33	0.028	187.2	0.0772
8.37	0.021	197	0.047	8.37	0.028	187.2	0.0808
8.40	0.022	197.2	0.0506	8.40	0.03	187.5	0.0861
8.43	0.025	197.4	0.0506	8.45	0.034	188.3	0.0905
8.47	0.025	197.4	0.0533	8.48	0.034	188.3	0.0932
8.50	0.025	197.6	0.055	8.52	0.035	188.6	0.0959
8.53	0.026	197.8	0.0577	8.53	0.037	188.9	0.0994
8.57	0.027	198	0.0586	8.57	0.039	189.2	0.1021
8.60	0.027	198.2	0.0595	8.60	0.039	189.4	0.103
8.63	0.028	198.3	0.0612	8.63	0.039	189.7	0.1039
8.67	0.029	198.5	0.0612	8.67	0.04	189.9	0.1039
8.70	0.029	198.5	0.0621	8.70	0.04	189.9	0.1056
8.73	0.029	198.6	0.0621	8.73	0.04	190.1	0.1056
8.77	0.029	198.7	0.063	8.77	0.04	190.3	0.1056
8.80	0.029	198.8	0.063	8.80	0.04	190.4	0.1065
8.83	0.028	198.9	0.063	8.83	0.04	190.5	0.1056
8.87	0.028	199	0.0621	8.87	0.039	190.7	0.1056
8.90	0.027	199	0.0621	8.90	0.038	190.7	0.1056
8.93	0.026	199	0.0604	8.93	0.036	190.7	0.1047
8.97	0.026	199	0.0586	8.97	0.036	190.7	0.1021
9.00	0.025	199	0.0568	9.00	0.034	190.6	0.0994
9.03	0.022	198.9	0.0541	9.03	0.03	190.5	0.0959
9.07	0.022	198.9	0.0533	9.07	0.03	190.5	0.0932
9.10	0.02	198.8	0.0497	9.10	0.027	190.3	0.0888
9.13	0.017	198.6	0.0497	9.13	0.023	190.1	0.0888
9.17	0.016	198.6	0.047	9.17	0.022	190.1	0.0843
9.20	0.016	198.5	0.0453	9.20	0.022	189.9	0.0808
9.23	0.015	198.4	0.0417	9.23	0.019	189.6	0.0754
9.27	0.012	198.2	0.0382	9.27	0.014	189.3	0.0701
9.30	0.01	198.1	0.0355	9.30	0.013	189.1	0.0657
9.33	0.009	197.9	0.0311	9.33	0.01	188.7	0.0604
9.37	0.006	197.6	0.0311	9.37	0.004	188.3	0.0604
9.40	0.004	197.4	0.0275	9.40	0.003	188.3	0.0541
9.43	0.004	197.4	0.0231	9.43	0.003	188.1	0.0515
9.48	0	197	0.0186	9.47	0.001	187.7	0.0462
9.52	-0.001	196.8	0.0169	9.50	-0.005	187.2	0.0399
9.55	-0.001	196.8	0.0133	9.53	-0.006	187	0.0364
9.57	-0.003	196.6	0.0089	9.57	-0.008	186.4	0.0311
9.60	-0.005	196.3	0.0044	9.60	-0.013	186	0.0311
9.63	-0.007	196	0.0009	9.63	-0.015	186	0.0249
9.67	-0.008	195.8	-0.0018	9.67	-0.015	185.7	0.0222
9.70	-0.01	195.5	-0.0018	9.70	-0.016	185.3	0.0169
9.73	-0.012	195.2	-0.0053	9.73	-0.021	184.8	0.0124
9.77	-0.012	195.2	-0.0071	9.77	-0.021	184.6	0.0098
9.80	-0.013	195	-0.0098	9.80	-0.023	184.2	0.0053
9.83	-0.014	194.8	-0.0124	9.83	-0.025	183.8	0.0053
9.87	-0.015	194.6	-0.0142	9.87	-0.026	183.8	0.0018
9.90	-0.016	194.4	-0.0151	9.92	-0.027	183.3	-0.0018
9.93	-0.016	194.2	-0.0169	9.95	-0.027	183	-0.0018
9.97	-0.017	194.1	-0.0169	9.97	-0.029	182.8	-0.0036
10.00	-0.017	194.1	-0.0178	10.00	-0.029	182.8	-0.0044
10.03	-0.017	193.9	-0.0186	10.03	-0.029	182.6	-0.0053
10.07	-0.017	193.8	-0.0186	10.07	-0.028	182.5	-0.0053
10.10	-0.017	193.7	-0.0186	10.10	-0.028	182.3	-0.0062
10.13	-0.017	193.6	-0.0186	10.13	-0.028	182.2	-0.0062
10.17	-0.017	193.6	-0.0186	10.17	-0.028	182.1	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
10.20	-0.016	193.5	-0.0186	10.20	-0.026	182.1	-0.0053
10.23	-0.015	193.5	-0.0178	10.23	-0.026	182.1	-0.0044
10.27	-0.015	193.5	-0.0169	10.27	-0.025	182.1	-0.0018
10.30	-0.014	193.5	-0.0151	10.30	-0.023	182.1	0
10.33	-0.012	193.6	-0.0133	10.33	-0.021	182.2	0.0018
10.37	-0.011	193.6	-0.0115	10.37	-0.02	182.2	0.0053
10.40	-0.01	193.7	-0.0098	10.40	-0.017	182.4	0.0089
10.43	-0.008	193.8	-0.0098	10.43	-0.014	182.6	0.0089
10.47	-0.007	193.8	-0.0071	10.47	-0.014	182.6	0.0115
10.50	-0.007	193.9	-0.0044	10.50	-0.013	182.7	0.016
10.53	-0.005	194	-0.0009	10.53	-0.009	183.1	0.0213
10.57	-0.002	194.2	0.0036	10.57	-0.006	183.3	0.0257
10.60	-0.001	194.4	0.0053	10.60	-0.004	183.5	0.032
10.63	0.001	194.6	0.0098	10.63	0	183.9	0.0373
10.67	0.005	194.8	0.0098	10.67	0.004	184.2	0.0373
10.70	0.005	194.8	0.0142	10.70	0.004	184.2	0.0426
10.73	0.005	195	0.0169	10.73	0.005	184.4	0.047
10.77	0.007	195.2	0.0213	10.77	0.009	184.9	0.0524
10.80	0.011	195.5	0.0257	10.80	0.013	185.2	0.0559
10.83	0.012	195.7	0.0293	10.83	0.015	185.5	0.0612
10.87	0.013	195.9	0.0337	10.87	0.018	186	0.0666
10.90	0.016	196.2	0.0337	10.90	0.022	186.3	0.0666
10.95	0.018	196.5	0.0408	10.93	0.022	186.3	0.071
10.98	0.018	196.6	0.0426	10.97	0.023	186.6	0.0754
11.00	0.02	196.9	0.0426	11.00	0.026	187.1	0.0808
11.03	0.022	197.1	0.0462	11.03	0.03	187.5	0.0852
11.07	0.022	197.1	0.0488	11.07	0.031	187.8	0.0879
11.10	0.023	197.3	0.0515	11.10	0.032	188.2	0.0923
11.13	0.025	197.6	0.0541	11.13	0.036	188.6	0.0923
11.17	0.026	197.8	0.0559	11.17	0.036	188.6	0.0959
11.20	0.026	197.9	0.0577	11.20	0.036	188.8	0.0985
11.23	0.027	198.1	0.0595	11.23	0.037	189.2	0.1012
11.27	0.028	198.3	0.0595	11.27	0.04	189.5	0.1039
11.30	0.028	198.3	0.0604	11.30	0.039	189.7	0.1047
11.33	0.028	198.4	0.0612	11.33	0.04	189.9	0.1065
11.37	0.029	198.6	0.0621	11.38	0.04	190.1	0.1074
11.40	0.029	198.7	0.0621	11.42	0.04	190.3	0.1083
11.43	0.029	198.8	0.063	11.43	0.04	190.4	0.1083
11.47	0.029	198.9	0.0621	11.47	0.04	190.6	0.1083
11.50	0.028	199	0.0621	11.50	0.04	190.6	0.1083
11.53	0.027	199	0.0621	11.53	0.04	190.7	0.1074
11.57	0.027	199	0.0604	11.57	0.039	190.8	0.1065
11.60	0.026	199	0.0595	11.60	0.036	190.8	0.1047
11.63	0.025	199	0.0577	11.63	0.035	190.8	0.1021
11.67	0.024	199	0.0568	11.67	0.033	190.7	0.0994
11.70	0.023	198.9	0.0541	11.70	0.03	190.6	0.0994
11.73	0.02	198.9	0.0541	11.73	0.028	190.6	0.0959
11.77	0.019	198.9	0.0524	11.77	0.028	190.5	0.0932
11.80	0.019	198.8	0.0506	11.80	0.026	190.3	0.0888
11.83	0.018	198.7	0.047	11.83	0.022	190.1	0.0834
11.87	0.015	198.5	0.0426	11.87	0.02	189.9	0.0808
11.90	0.014	198.4	0.0399	11.90	0.018	189.6	0.0754
11.93	0.012	198.2	0.0373	11.93	0.012	189.3	0.0754
11.97	0.009	198	0.0373	11.97	0.011	189.3	0.0692
12.00	0.008	198	0.0328	12.00	0.011	189.1	0.0648
12.03	0.008	197.9	0.0302	12.03	0.009	188.7	0.0595
12.07	0.006	197.7	0.0257	12.07	0.003	188.3	0.0533
12.10	0.002	197.4	0.0213	12.10	0.002	188	0.0497
12.13	0.002	197.2	0.0178	12.13	-0.001	187.7	0.0444
12.17	0	197	0.0133	12.17	-0.006	187.2	0.0444
12.20	-0.004	196.7	0.0133	12.20	-0.007	187.2	0.0391
12.23	-0.005	196.7	0.0089	12.23	-0.007	186.8	0.0355
12.27	-0.005	196.4	0.0062	12.27	-0.009	186.4	0.0302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
12.30	-0.006	196.2	0.0027	12.30	-0.014	185.9	0.0231
12.33	-0.009	195.9	-0.0018	12.33	-0.016	185.6	0.0204
12.38	-0.01	195.7	-0.0044	12.37	-0.018	185.2	0.016
12.42	-0.01	195.5	-0.0062	12.40	-0.02	184.8	0.016
12.45	-0.012	195.2	-0.0089	12.43	-0.023	184.5	0.0115
12.47	-0.014	194.9	-0.0107	12.47	-0.023	184.5	0.008
12.50	-0.014	194.8	-0.0124	12.50	-0.024	184.2	0.0044
12.53	-0.015	194.6	-0.0124	12.53	-0.025	183.8	0.0018
12.57	-0.016	194.4	-0.0142	12.57	-0.027	183.5	-0.0009
12.60	-0.016	194.4	-0.016	12.60	-0.027	183.3	-0.0027
12.63	-0.016	194.2	-0.0178	12.63	-0.028	183	-0.0027
12.67	-0.017	194.1	-0.0186	12.67	-0.029	182.8	-0.0044
12.70	-0.017	193.9	-0.0195	12.70	-0.029	182.8	-0.0062
12.73	-0.017	193.8	-0.0186	12.73	-0.029	182.6	-0.0062
12.77	-0.017	193.7	-0.0186	12.77	-0.029	182.4	-0.0062
12.80	-0.016	193.7	-0.0186	12.82	-0.028	182.3	-0.0062
12.83	-0.016	193.7	-0.0186	12.85	-0.028	182.2	-0.0062
12.87	-0.016	193.6	-0.0186	12.88	-0.027	182.1	-0.0053
12.90	-0.016	193.6	-0.0169	12.90	-0.025	182.1	-0.0036
12.93	-0.014	193.6	-0.016	12.93	-0.025	182.1	-0.0018
12.97	-0.014	193.6	-0.0142	12.97	-0.023	182.2	0.0009
13.00	-0.013	193.6	-0.0124	13.00	-0.02	182.3	0.0009
13.03	-0.01	193.7	-0.0124	13.03	-0.019	182.3	0.0036
13.07	-0.009	193.7	-0.0107	13.07	-0.019	182.3	0.0053
13.10	-0.009	193.8	-0.008	13.10	-0.017	182.5	0.0098
13.13	-0.008	193.9	-0.0062	13.13	-0.013	182.7	0.0133
13.17	-0.005	194	-0.0027	13.17	-0.012	182.9	0.0178
13.20	-0.004	194.1	0	13.20	-0.009	183.2	0.0222
13.23	-0.002	194.3	0.0036	13.23	-0.004	183.5	0.0222
13.27	0.001	194.5	0.0036	13.27	-0.003	183.5	0.0284
13.30	0.002	194.5	0.0071	13.30	-0.003	183.7	0.0328
13.33	0.002	194.6	0.0107	13.33	0	184.1	0.0391
13.37	0.004	194.9	0.0142	13.37	0.006	184.4	0.0453
13.40	0.007	195.1	0.0186	13.40	0.007	184.7	0.0488
13.43	0.008	195.3	0.0222	13.43	0.009	185.1	0.0541
13.47	0.01	195.6	0.0275	13.47	0.015	185.4	0.0541
13.50	0.013	195.9	0.0275	13.50	0.016	185.4	0.0595
13.53	0.014	195.9	0.0311	13.53	0.016	185.7	0.063
13.57	0.014	196.1	0.0337	13.57	0.019	186.2	0.0683
13.60	0.016	196.3	0.0382	13.60	0.023	186.5	0.0737
13.63	0.019	196.6	0.0426	13.63	0.025	186.9	0.0781
13.67	0.02	196.8	0.0444	13.67	0.027	187.4	0.0826
13.70	0.021	197.1	0.0479	13.70	0.031	187.7	0.0826
13.73	0.024	197.3	0.0479	13.73	0.032	187.7	0.0879
13.77	0.024	197.3	0.0515	13.77	0.032	188	0.0905
13.80	0.024	197.5	0.0533	13.80	0.033	188.4	0.095
13.85	0.026	197.9	0.0559	13.83	0.037	188.8	0.0994
13.88	0.027	198.1	0.0568	13.87	0.037	189	0.1012
13.90	0.027	198.1	0.0586	13.90	0.038	189.3	0.1039
13.93	0.027	198.2	0.0595	13.93	0.039	189.6	0.1039
13.97	0.028	198.4	0.0604	13.97	0.04	189.6	0.1056
14.00	0.029	198.6	0.0612	14.00	0.04	189.9	0.1074
14.03	0.029	198.7	0.0621	14.03	0.04	190.1	0.1083
14.07	0.029	198.8	0.0621	14.07	0.04	190.3	0.1083
14.10	0.029	198.9	0.0621	14.10	0.04	190.4	0.1092
14.13	0.029	198.9	0.063	14.13	0.04	190.6	0.1092
14.17	0.029	199	0.0621	14.17	0.04	190.7	0.1092
14.20	0.028	199	0.0612	14.20	0.039	190.7	0.1092
14.23	0.027	199.1	0.0604	14.23	0.039	190.8	0.1092
14.27	0.026	199.1	0.0586	14.28	0.035	190.8	0.1056
14.30	0.025	199	0.0568	14.32	0.034	190.8	0.1039
14.33	0.023	199	0.0568	14.33	0.034	190.8	0.103
14.37	0.023	199	0.055	14.37	0.032	190.8	0.0994

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
14.40	0.022	199	0.0533	14.40	0.029	190.6	0.0959
14.43	0.021	198.9	0.0515	14.43	0.027	190.5	0.0923
14.47	0.018	198.8	0.0479	14.47	0.025	190.4	0.0879
14.50	0.017	198.7	0.0453	14.50	0.021	190.1	0.0879
14.53	0.015	198.5	0.0426	14.53	0.019	189.9	0.0834
14.57	0.012	198.4	0.0426	14.57	0.019	189.9	0.0799
14.60	0.011	198.4	0.0391	14.60	0.017	189.7	0.0737
14.63	0.011	198.2	0.0364	14.63	0.012	189.2	0.0675
14.67	0.01	198	0.032	14.67	0.009	189	0.063
14.70	0.006	197.8	0.0284	14.70	0.007	188.7	0.0577
14.73	0.005	197.6	0.024	14.73	0.002	188.2	0.0577
14.77	0.003	197.3	0.0195	14.77	0	187.9	0.0524
14.80	0	197.1	0.0195	14.80	0	187.9	0.0488
14.83	-0.001	197.1	0.016	14.83	-0.002	187.6	0.0426
14.87	-0.001	196.9	0.0124	14.87	-0.006	187.1	0.0382
14.90	-0.003	196.6	0.0089	14.90	-0.009	186.7	0.0337
14.93	-0.006	196.4	0.0044	14.93	-0.011	186.3	0.0284
14.97	-0.007	196.2	0.0009	14.97	-0.015	185.8	0.0284
15.00	-0.008	195.8	-0.0027	15.00	-0.017	185.5	0.0222
15.03	-0.011	195.6	-0.0027	15.03	-0.017	185.5	0.0186
15.07	-0.012	195.6	-0.0062	15.07	-0.018	185.1	0.0142
15.10	-0.012	195.4	-0.008	15.10	-0.021	184.7	0.0098
15.13	-0.013	195.1	-0.0107	15.13	-0.023	184.3	0.0062
15.17	-0.015	194.9	-0.0124	15.17	-0.024	184.1	0.0036
15.20	-0.015	194.7	-0.0142	15.20	-0.026	183.7	0
15.23	-0.016	194.5	-0.016	15.23	-0.027	183.4	0
15.27	-0.017	194.3	-0.016	15.27	-0.027	183.4	-0.0018
15.32	-0.017	194.2	-0.0178	15.30	-0.028	183.2	-0.0036
15.35	-0.017	194	-0.0186	15.33	-0.028	182.9	-0.0044
15.37	-0.017	193.9	-0.0186	15.37	-0.029	182.8	-0.0053
15.40	-0.017	193.9	-0.0195	15.40	-0.029	182.6	-0.0062
15.43	-0.017	193.8	-0.0195	15.43	-0.029	182.4	-0.0062
15.47	-0.017	193.7	-0.0195	15.47	-0.028	182.3	-0.0062
15.50	-0.017	193.6	-0.0186	15.50	-0.027	182.3	-0.0062
15.53	-0.016	193.6	-0.0178	15.53	-0.027	182.3	-0.0053
15.57	-0.015	193.6	-0.0169	15.57	-0.026	182.2	-0.0036
15.60	-0.014	193.6	-0.0169	15.60	-0.024	182.3	-0.0018
15.63	-0.013	193.6	-0.0151	15.63	-0.023	182.2	0
15.67	-0.013	193.6	-0.0142	15.67	-0.022	182.4	0.0027
15.70	-0.012	193.7	-0.0124	15.72	-0.018	182.5	0.0062
15.73	-0.01	193.8	-0.0098	15.75	-0.018	182.5	0.0071
15.77	-0.009	193.8	-0.008	15.78	-0.016	182.7	0.0115
15.80	-0.007	193.9	-0.0053	15.80	-0.012	182.9	0.0115
15.83	-0.005	194.1	-0.0053	15.83	-0.01	182.9	0.016
15.87	-0.003	194.1	-0.0018	15.87	-0.01	183.1	0.0195
15.90	-0.003	194.2	0.0009	15.90	-0.008	183.4	0.0249
15.93	-0.002	194.4	0.0044	15.93	-0.003	183.7	0.032
15.97	0.002	194.6	0.0089	15.97	-0.001	183.9	0.0355
16.00	0.003	194.7	0.0115	16.00	0.001	184.3	0.0417
16.03	0.004	194.9	0.0151	16.03	0.007	184.7	0.0417
16.07	0.008	195.2	0.0151	16.07	0.008	184.7	0.0479
16.10	0.009	195.5	0.0195	16.10	0.008	184.9	0.0515
16.13	0.009	195.5	0.0231	16.13	0.011	185.3	0.0568
16.17	0.011	195.7	0.0284	16.17	0.016	185.7	0.0621
16.20	0.014	196	0.0328	16.20	0.017	186	0.0666
16.23	0.015	196.2	0.0355	16.23	0.02	186.4	0.071
16.27	0.017	196.5	0.0391	16.27	0.025	186.8	0.071
16.30	0.019	196.7	0.0391	16.30	0.026	186.8	0.0763
16.33	0.021	197	0.0426	16.33	0.026	187.1	0.0808
16.37	0.021	197	0.0462	16.37	0.027	187.6	0.0852
16.40	0.022	197.2	0.0488	16.40	0.032	188	0.0905
16.43	0.024	197.4	0.0515	16.43	0.032	188.3	0.0941
16.47	0.025	197.6	0.0541	16.47	0.034	188.7	0.0976

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
16.50	0.026	197.8	0.0559	16.50	0.037	189	0.0976
16.53	0.026	198	0.0577	16.53	0.037	189	0.1012
16.57	0.028	198.2	0.0577	16.57	0.037	189.3	0.103
16.60	0.028	198.2	0.0595	16.60	0.038	189.5	0.1056
16.63	0.028	198.4	0.0604	16.63	0.04	189.8	0.1083
16.67	0.028	198.5	0.0612	16.67	0.04	190	0.1092
16.70	0.029	198.7	0.0621	16.70	0.04	190.2	0.1092
16.75	0.029	198.8	0.0621	16.73	0.04	190.4	0.1092
16.78	0.029	198.9	0.0621	16.77	0.04	190.4	0.1101
16.82	0.029	199	0.0621	16.80	0.04	190.6	0.1101
16.83	0.029	199.1	0.0621	16.83	0.04	190.7	0.1101
16.87	0.028	199.1	0.0612	16.87	0.04	190.8	0.1101
16.90	0.026	199.1	0.0612	16.90	0.039	190.9	0.1083
16.93	0.025	199.1	0.0595	16.93	0.037	190.9	0.1056
16.97	0.025	199.1	0.0586	16.97	0.033	190.8	0.1056
17.00	0.025	199.1	0.0559	17.00	0.032	190.8	0.1021
17.03	0.022	199	0.0541	17.03	0.032	190.8	0.1012
17.07	0.022	199	0.0533	17.07	0.031	190.7	0.0968
17.10	0.02	198.9	0.0497	17.10	0.027	190.5	0.0932
17.13	0.018	198.8	0.0497	17.13	0.025	190.4	0.0897
17.17	0.016	198.8	0.047	17.18	0.023	190.2	0.0843
17.20	0.016	198.7	0.0444	17.22	0.02	190	0.0826
17.23	0.015	198.6	0.0417	17.23	0.018	189.8	0.0781
17.27	0.012	198.3	0.0382	17.27	0.016	189.6	0.0719
17.30	0.01	198.2	0.0346	17.30	0.011	189.1	0.0719
17.33	0.009	198	0.0302	17.33	0.008	188.8	0.0657
17.37	0.005	197.7	0.0302	17.37	0.008	188.8	0.0612
17.40	0.004	197.5	0.0257	17.40	0.006	188.6	0.0559
17.43	0.004	197.5	0.0222	17.43	0.002	188.1	0.0506
17.47	0.003	197.3	0.0186	17.47	-0.002	187.8	0.0462
17.50	-0.001	197.1	0.0142	17.50	-0.004	187.5	0.0408
17.53	-0.002	196.8	0.0107	17.53	-0.007	187	0.0408
17.57	-0.004	196.6	0.0062	17.57	-0.01	186.5	0.0364
17.60	-0.006	196.3	0.0062	17.60	-0.01	186.5	0.032
17.63	-0.008	196.1	0.0027	17.63	-0.012	186.2	0.0257
17.67	-0.008	196.1	0	17.67	-0.016	185.7	0.0204
17.70	-0.009	195.8	-0.0036	17.70	-0.018	185.3	0.0169
17.73	-0.011	195.5	-0.0071	17.73	-0.019	185	0.0124
17.77	-0.013	195.3	-0.0089	17.77	-0.022	184.6	0.0124
17.80	-0.013	195.1	-0.0115	17.80	-0.024	184.2	0.008
17.83	-0.014	194.8	-0.0133	17.83	-0.024	184.2	0.0044
17.87	-0.016	194.6	-0.0133	17.87	-0.025	184	0.0018
17.90	-0.016	194.6	-0.0151	17.90	-0.026	183.6	-0.0009
17.93	-0.016	194.4	-0.0169	17.93	-0.028	183.3	-0.0027
17.97	-0.017	194.3	-0.0178	17.97	-0.028	183.1	-0.0044
18.00	-0.017	194.1	-0.0186	18.00	-0.028	182.9	-0.0053
18.03	-0.017	194	-0.0195	18.03	-0.029	182.7	-0.0053
18.07	-0.017	193.9	-0.0195	18.07	-0.029	182.7	-0.0062
18.10	-0.017	193.8	-0.0195	18.10	-0.029	182.5	-0.0062
18.13	-0.017	193.8	-0.0195	18.13	-0.028	182.4	-0.0062
18.17	-0.017	193.7	-0.0186	18.17	-0.027	182.3	-0.0053
18.22	-0.016	193.6	-0.0186	18.20	-0.027	182.3	-0.0044
18.25	-0.015	193.6	-0.0178	18.23	-0.026	182.3	-0.0036
18.27	-0.015	193.6	-0.0169	18.27	-0.024	182.3	-0.0036
18.30	-0.014	193.6	-0.0151	18.30	-0.022	182.3	-0.0009
18.33	-0.012	193.7	-0.0133	18.33	-0.022	182.3	0.0009
18.37	-0.011	193.7	-0.0124	18.37	-0.021	182.4	0.0036
18.40	-0.01	193.8	-0.0089	18.40	-0.017	182.6	0.0071
18.43	-0.007	193.9	-0.0089	18.43	-0.016	182.7	0.0107
18.47	-0.006	193.9	-0.0062	18.47	-0.014	182.9	0.0151
18.50	-0.006	194	-0.0044	18.50	-0.01	183.1	0.0151
18.53	-0.005	194.1	-0.0009	18.53	-0.008	183.1	0.0195
18.57	-0.002	194.3	0.0027	18.57	-0.008	183.3	0.024

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
18.60	-0.001	194.4	0.0044	18.60	-0.006	183.6	0.0302
18.63	0.001	194.6	0.0098	18.65	0	184	0.0364
18.67	0.004	194.9	0.0098	18.68	0	184.1	0.0391
18.70	0.006	195.1	0.0133	18.70	0.002	184.5	0.0435
18.73	0.006	195.1	0.0169	18.73	0.008	184.8	0.0497
18.77	0.007	195.3	0.0204	18.77	0.01	185.1	0.0533
18.80	0.011	195.6	0.0249	18.80	0.012	185.5	0.0595
18.83	0.012	195.8	0.0284	18.83	0.018	185.9	0.0595
18.87	0.013	196	0.0328	18.87	0.019	185.9	0.0648
18.90	0.016	196.3	0.0328	18.90	0.019	186.2	0.0683
18.93	0.018	196.6	0.0373	18.93	0.021	186.6	0.0737
18.97	0.018	196.6	0.0399	18.97	0.025	187.1	0.079
19.00	0.019	196.8	0.0435	19.00	0.027	187.4	0.0834
19.03	0.021	197.1	0.047	19.03	0.029	187.8	0.0888
19.07	0.023	197.3	0.0497	19.07	0.032	188.2	0.0888
19.10	0.024	197.5	0.0524	19.10	0.034	188.2	0.0932
19.13	0.025	197.7	0.0524	19.13	0.034	188.5	0.0959
19.17	0.026	197.9	0.055	19.17	0.035	188.8	0.0994
19.20	0.026	197.9	0.0568	19.20	0.037	189.2	0.103
19.23	0.027	198.1	0.0586	19.23	0.038	189.5	0.1047
19.27	0.028	198.3	0.0604	19.27	0.039	189.7	0.1074
19.30	0.028	198.5	0.0604	19.30	0.04	190	0.1074
19.33	0.029	198.6	0.0612	19.33	0.04	190.2	0.1083
19.37	0.029	198.7	0.0612	19.37	0.04	190.2	0.1101
19.40	0.029	198.8	0.0621	19.40	0.04	190.4	0.1101
19.43	0.029	198.8	0.0621	19.43	0.04	190.6	0.1101
19.47	0.029	198.9	0.0621	19.47	0.04	190.7	0.111
19.50	0.029	199	0.0621	19.50	0.04	190.8	0.1101
19.53	0.028	199.1	0.0612	19.53	0.039	190.9	0.1101
19.57	0.027	199.1	0.0604	19.57	0.038	191	0.1101
19.60	0.026	199.1	0.0586	19.60	0.038	191	0.1092
19.65	0.024	199.1	0.0568	19.63	0.036	191	0.1056
19.68	0.024	199.1	0.0568	19.67	0.033	190.8	0.1021
19.72	0.023	199.1	0.0541	19.70	0.03	190.8	0.0994
19.73	0.021	199	0.0541	19.73	0.029	190.7	0.0968
19.77	0.019	199	0.0515	19.77	0.027	190.5	0.0923
19.80	0.019	198.9	0.0497	19.80	0.023	190.4	0.0923
19.83	0.018	198.8	0.0462	19.83	0.023	190.4	0.0888
19.87	0.015	198.6	0.0435	19.87	0.022	190.2	0.0834
19.90	0.014	198.5	0.0408	19.90	0.018	189.9	0.0781
19.93	0.012	198.4	0.0373	19.93	0.014	189.6	0.0737
19.97	0.009	198.1	0.0373	19.97	0.013	189.4	0.0692
20.00	0.008	198.1	0.0328	20.00	0.01	188.9	0.063
20.03	0.008	198	0.0311	20.03	0.004	188.6	0.063
20.07	0.006	197.8	0.0249	20.08	0.003	188.3	0.055
20.10	0.002	197.5	0.0204	20.12	0.002	188	0.0515
20.13	0.001	197.3	0.0178	20.13	-0.003	187.6	0.0515
20.17	0	197.1	0.0142	20.17	-0.005	187.6	0.0453
20.20	-0.004	196.8	0.0142	20.20	-0.005	187.3	0.0408
20.23	-0.004	196.8	0.0098	20.23	-0.007	186.8	0.0355
20.27	-0.004	196.6	0.0062	20.27	-0.012	186.4	0.0293
20.30	-0.006	196.3	0.0018	20.30	-0.013	186.1	0.0249
20.33	-0.009	196	-0.0018	20.33	-0.015	185.6	0.0204
20.37	-0.01	195.8	-0.0044	20.37	-0.019	185.2	0.0204
20.40	-0.011	195.5	-0.008	20.40	-0.02	185.2	0.0151
20.43	-0.013	195.2	-0.008	20.43	-0.02	184.9	0.0107
20.47	-0.014	195.2	-0.0098	20.47	-0.022	184.5	0.008
20.50	-0.014	195	-0.0124	20.50	-0.025	184.1	0.0036
20.53	-0.015	194.8	-0.0142	20.53	-0.026	183.9	0.0018
20.57	-0.016	194.6	-0.016	20.57	-0.027	183.6	-0.0009
20.60	-0.016	194.4	-0.0169	20.60	-0.028	183.3	-0.0009
20.63	-0.016	194.3	-0.0178	20.63	-0.028	183.3	-0.0027
20.67	-0.017	194.1	-0.0178	20.67	-0.028	183.1	-0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
20.70	-0.017	194	-0.0186	20.70	-0.028	182.9	-0.0053
20.73	-0.017	194	-0.0186	20.73	-0.029	182.6	-0.0062
20.77	-0.017	193.9	-0.0195	20.77	-0.029	182.5	-0.0062
20.80	-0.017	193.8	-0.0186	20.80	-0.028	182.4	-0.0062
20.83	-0.017	193.7	-0.0186	20.83	-0.027	182.4	-0.0062
20.87	-0.016	193.7	-0.0178	20.87	-0.026	182.4	-0.0044
20.90	-0.015	193.7	-0.0178	20.90	-0.026	182.3	-0.0036
20.93	-0.014	193.7	-0.016	20.93	-0.025	182.3	-0.0018
20.97	-0.014	193.7	-0.0151	20.97	-0.022	182.4	0
21.00	-0.013	193.7	-0.0142	21.00	-0.022	182.4	0.0027
21.03	-0.011	193.8	-0.0115	21.03	-0.02	182.5	0.0062
21.07	-0.01	193.9	-0.0107	21.07	-0.016	182.7	0.0062
21.12	-0.009	193.9	-0.0071	21.10	-0.015	182.7	0.0098
21.15	-0.007	194	-0.0053	21.13	-0.015	182.8	0.0124
21.17	-0.005	194.1	-0.0027	21.17	-0.013	183	0.0169
21.20	-0.004	194.2	0	21.20	-0.008	183.3	0.0222
21.23	-0.002	194.4	0.0027	21.23	-0.007	183.5	0.0275
21.27	0.001	194.6	0.0027	21.27	-0.005	183.7	0.0328
21.30	0.002	194.6	0.0071	21.30	0.001	184.1	0.0328
21.33	0.002	194.8	0.0098	21.33	0.003	184.1	0.0391
21.37	0.004	195	0.0142	21.37	0.003	184.4	0.0435
21.40	0.007	195.2	0.0186	21.40	0.005	184.7	0.0488
21.43	0.008	195.4	0.0213	21.43	0.01	185.2	0.0541
21.47	0.01	195.7	0.0257	21.47	0.013	185.5	0.0586
21.50	0.014	196	0.0257	21.50	0.014	185.8	0.063
21.53	0.015	196	0.0311	21.55	0.019	186.2	0.0683
21.57	0.015	196.2	0.0337	21.58	0.02	186.5	0.071
21.60	0.016	196.4	0.0373	21.60	0.022	186.8	0.0754
21.63	0.019	196.7	0.0417	21.63	0.026	187.3	0.0754
21.67	0.02	196.9	0.0444	21.67	0.028	187.6	0.0808
21.70	0.021	197.2	0.0479	21.70	0.028	187.6	0.0852
21.73	0.024	197.4	0.0479	21.73	0.03	188	0.0897
21.77	0.024	197.4	0.0506	21.77	0.033	188.4	0.095
21.80	0.024	197.6	0.0533	21.80	0.035	188.7	0.0985
21.83	0.025	197.8	0.055	21.83	0.035	189	0.1012
21.87	0.027	198.1	0.0577	21.87	0.037	189.4	0.1012
21.90	0.027	198.2	0.0586	21.90	0.039	189.7	0.1039
21.93	0.028	198.4	0.0604	21.93	0.039	189.7	0.1065
21.97	0.029	198.6	0.0604	21.97	0.039	189.9	0.1074
22.00	0.029	198.6	0.0612	22.00	0.04	190.1	0.1092
22.03	0.029	198.7	0.0612	22.03	0.04	190.3	0.1101
22.07	0.029	198.8	0.0621	22.07	0.04	190.5	0.1101
22.10	0.029	198.9	0.0621	22.10	0.04	190.7	0.1101
22.13	0.029	199	0.0621	22.13	0.04	190.8	0.1101
22.17	0.028	199.1	0.0612	22.17	0.04	190.8	0.1101
22.20	0.027	199.2	0.0612	22.20	0.04	191	0.1101
22.23	0.027	199.2	0.0604	22.23	0.039	191	0.1101
22.27	0.027	199.2	0.0595	22.27	0.037	191	0.1074
22.30	0.026	199.2	0.0577	22.30	0.035	191	0.1047
22.33	0.024	199.1	0.0559	22.33	0.033	190.9	0.1012
22.37	0.023	199.1	0.0541	22.37	0.03	190.8	0.1012
22.40	0.022	199	0.0524	22.40	0.029	190.8	0.0985
22.43	0.02	198.9	0.0524	22.43	0.029	190.7	0.095
22.47	0.017	198.8	0.0488	22.47	0.026	190.5	0.0905
22.50	0.017	198.8	0.0462	22.50	0.022	190.3	0.0861
22.53	0.016	198.7	0.0435	22.53	0.021	190.2	0.0817
22.58	0.012	198.4	0.0408	22.57	0.018	189.8	0.0763
22.62	0.012	198.4	0.0391	22.60	0.012	189.5	0.0763
22.63	0.012	198.3	0.0355	22.63	0.011	189.5	0.0701
22.67	0.009	198.1	0.0311	22.67	0.011	189.3	0.0657
22.70	0.006	197.9	0.0284	22.70	0.009	188.9	0.0604
22.73	0.005	197.7	0.0231	22.73	0.003	188.5	0.0541
22.77	0.003	197.4	0.0186	22.77	0.002	188.2	0.0506

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
22.80	0	197.2	0.0186	22.80	-0.001	187.8	0.0453
22.83	0	197.2	0.0151	22.83	-0.006	187.4	0.0453
22.87	-0.001	197	0.0107	22.87	-0.007	187.4	0.0391
22.90	-0.004	196.7	0.0071	22.90	-0.007	187	0.0355
22.93	-0.006	196.4	0.0036	22.93	-0.01	186.5	0.0302
22.97	-0.007	196.2	0	22.98	-0.015	186.1	0.0231
23.00	-0.008	195.9	-0.0036	23.02	-0.015	185.8	0.0204
23.03	-0.011	195.6	-0.0036	23.05	-0.016	185.4	0.0169
23.07	-0.011	195.6	-0.0071	23.07	-0.02	185	0.0115
23.10	-0.012	195.4	-0.0089	23.10	-0.021	184.7	0.008
23.13	-0.013	195.2	-0.0115	23.13	-0.023	184.4	0.0044
23.17	-0.015	194.9	-0.0133	23.17	-0.025	184	0.0044
23.20	-0.015	194.7	-0.0151	23.20	-0.026	184	0.0009
23.23	-0.016	194.6	-0.0169	23.23	-0.026	183.7	-0.0018
23.27	-0.016	194.4	-0.0169	23.27	-0.027	183.5	-0.0036
23.30	-0.017	194.4	-0.0178	23.30	-0.028	183.2	-0.0053
23.33	-0.017	194.2	-0.0186	23.33	-0.028	183	-0.0062
23.37	-0.017	194.1	-0.0195	23.37	-0.029	182.8	-0.0071
23.40	-0.017	194	-0.0195	23.40	-0.029	182.6	-0.0071
23.43	-0.017	193.9	-0.0195	23.43	-0.029	182.6	-0.008
23.47	-0.017	193.8	-0.0195	23.47	-0.029	182.5	-0.008
23.50	-0.016	193.8	-0.0195	23.50	-0.028	182.4	-0.0071
23.53	-0.016	193.8	-0.0186	23.53	-0.027	182.4	-0.0062
23.57	-0.016	193.7	-0.0178	23.57	-0.025	182.3	-0.0044
23.60	-0.015	193.7	-0.0169	23.60	-0.024	182.3	-0.0027
23.63	-0.013	193.7	-0.0151	23.63	-0.022	182.4	-0.0027
23.67	-0.012	193.8	-0.0133	23.67	-0.021	182.4	0
23.70	-0.011	193.8	-0.0115	23.70	-0.021	182.4	0.0018
23.73	-0.009	193.9	-0.0115	23.73	-0.019	182.5	0.0053
23.77	-0.008	193.9	-0.0098	23.77	-0.015	182.8	0.0098
23.80	-0.008	193.9	-0.0071	23.80	-0.014	182.9	0.0124
23.83	-0.007	194.1	-0.0044	23.83	-0.011	183.1	0.0178
23.87	-0.003	194.3	-0.0009	23.87	-0.007	183.4	0.0178
23.90	-0.002	194.4	0.0018	23.90	-0.005	183.6	0.0231
23.93	-0.001	194.6	0.0062	23.93	-0.005	183.6	0.0275
23.97	0.003	194.8	0.0062	23.97	-0.003	183.9	0.0337
24.02	0.004	195	0.0115	24.00	0.002	184.3	0.0399
24.05	0.004	195.1	0.0151	24.03	0.004	184.6	0.0444
24.07	0.008	195.4	0.0151	24.07	0.006	184.9	0.0497
24.10	0.009	195.4	0.0195	24.10	0.011	185.3	0.0497
24.13	0.009	195.6	0.0222	24.13	0.014	185.6	0.055
24.17	0.011	195.8	0.0275	24.17	0.014	185.6	0.0595
24.20	0.014	196.1	0.032	24.20	0.016	185.9	0.0648
24.23	0.016	196.3	0.0346	24.23	0.02	186.4	0.0701
24.27	0.016	196.5	0.0382	24.27	0.023	186.8	0.0746
24.30	0.019	196.8	0.0382	24.30	0.024	187.2	0.079
24.33	0.021	197.1	0.0426	24.33	0.027	187.6	0.079
24.37	0.021	197.1	0.0453	24.37	0.031	188	0.0843
24.40	0.022	197.3	0.0479	24.40	0.031	188	0.0897
24.43	0.023	197.5	0.0515	24.45	0.033	188.6	0.0959
24.47	0.025	197.8	0.0541	24.48	0.035	188.9	0.0959
24.50	0.026	197.9	0.0559	24.50	0.036	188.9	0.0985
24.53	0.027	198.2	0.0577	24.53	0.036	189.2	0.1021
24.57	0.028	198.3	0.0577	24.57	0.037	189.5	0.1047
24.60	0.028	198.3	0.0595	24.60	0.04	189.8	0.1074
24.63	0.028	198.5	0.0595	24.63	0.039	190	0.1083
24.67	0.028	198.6	0.0604	24.67	0.04	190.3	0.1092
24.70	0.029	198.8	0.0612	24.70	0.04	190.5	0.1092
24.73	0.029	198.9	0.0612	24.73	0.04	190.5	0.1101
24.77	0.029	199	0.0612	24.77	0.04	190.7	0.1101
24.80	0.029	199.1	0.0612	24.80	0.04	190.8	0.1101
24.83	0.028	199.1	0.0612	24.83	0.04	190.9	0.1101
24.87	0.028	199.2	0.0612	24.87	0.039	191.1	0.1101

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
24.90	0.027	199.2	0.0604	24.90	0.039	191.1	0.1092
24.93	0.026	199.2	0.0586	24.93	0.035	191.1	0.1092
24.97	0.025	199.2	0.0577	24.97	0.034	191.1	0.1056
25.00	0.024	199.1	0.055	25.00	0.034	191.1	0.1039
25.03	0.022	199.1	0.055	25.03	0.033	191	0.1003
25.07	0.021	199.1	0.0533	25.07	0.029	190.8	0.0968
25.10	0.021	199.1	0.0515	25.10	0.027	190.7	0.0941
25.13	0.019	198.9	0.0479	25.13	0.025	190.5	0.0888
25.17	0.016	198.8	0.0453	25.17	0.02	190.3	0.0888
25.20	0.016	198.7	0.0426	25.20	0.019	190.3	0.0843
25.23	0.014	198.5	0.0391	25.23	0.019	190.1	0.0808
25.27	0.011	198.4	0.0391	25.27	0.017	189.8	0.0746
25.30	0.009	198.4	0.0355	25.30	0.012	189.5	0.0683
25.33	0.009	198.2	0.0328	25.33	0.009	189.2	0.0639
25.37	0.008	198	0.0284	25.37	0.007	188.9	0.0586
25.40	0.004	197.7	0.0231	25.40	0.002	188.4	0.0586
25.43	0.003	197.6	0.0204	25.43	0	188.4	0.0524
25.48	0.002	197.3	0.0169	25.47	0	188.1	0.0488
25.52	0	197.1	0.0142	25.50	-0.002	187.8	0.0435
25.53	-0.002	196.9	0.0107	25.53	-0.007	187.3	0.0373
25.57	-0.003	196.7	0.0062	25.57	-0.008	187	0.0337
25.60	-0.007	196.4	0.0062	25.60	-0.011	186.5	0.0275
25.63	-0.008	196.4	0.0018	25.63	-0.016	186	0.0275
25.67	-0.008	196.1	-0.0009	25.67	-0.017	186	0.0204
25.70	-0.009	195.9	-0.0044	25.70	-0.017	185.7	0.0178
25.73	-0.011	195.6	-0.0071	25.73	-0.018	185.3	0.0133
25.77	-0.012	195.4	-0.0098	25.77	-0.022	184.9	0.008
25.80	-0.013	195.1	-0.0124	25.80	-0.023	184.5	0.0053
25.83	-0.015	194.9	-0.0124	25.83	-0.024	184.2	0.0018
25.87	-0.015	194.7	-0.0142	25.88	-0.026	183.9	-0.0018
25.90	-0.015	194.7	-0.016	25.92	-0.027	183.6	-0.0027
25.93	-0.016	194.5	-0.0169	25.95	-0.027	183.4	-0.0044
25.97	-0.016	194.4	-0.0186	25.97	-0.028	183.1	-0.0044
26.00	-0.017	194.2	-0.0195	26.00	-0.029	182.9	-0.0062
26.03	-0.017	194.1	-0.0195	26.03	-0.029	182.9	-0.0071
26.07	-0.017	194	-0.0195	26.07	-0.029	182.7	-0.008
26.10	-0.017	193.9	-0.0195	26.10	-0.029	182.6	-0.008
26.13	-0.017	193.9	-0.0195	26.13	-0.029	182.5	-0.008
26.17	-0.017	193.8	-0.0195	26.17	-0.028	182.4	-0.0062
26.20	-0.016	193.8	-0.0186	26.20	-0.026	182.4	-0.0053
26.23	-0.015	193.7	-0.0178	26.23	-0.025	182.4	-0.0053
26.27	-0.015	193.7	-0.016	26.27	-0.025	182.4	-0.0044
26.30	-0.013	193.8	-0.016	26.30	-0.024	182.4	-0.0018
26.33	-0.012	193.8	-0.0151	26.33	-0.022	182.5	0.0009
26.37	-0.012	193.8	-0.0133	26.37	-0.019	182.6	0.0036
26.40	-0.011	193.8	-0.0107	26.40	-0.018	182.6	0.0071
26.43	-0.009	194	-0.0089	26.43	-0.015	182.9	0.0107
26.47	-0.007	194.1	-0.0062	26.47	-0.012	183	0.0107
26.50	-0.006	194.2	-0.0027	26.50	-0.012	183	0.0142
26.53	-0.004	194.4	0	26.53	-0.011	183.2	0.0186
26.57	-0.001	194.5	0	26.57	-0.007	183.6	0.0249
26.60	-0.001	194.5	0.0036	26.60	-0.003	183.8	0.0311
26.63	0	194.6	0.0071	26.63	-0.001	184.1	0.0364
26.67	0.002	194.9	0.0107	26.67	0.002	184.5	0.0417
26.70	0.005	195.1	0.0142	26.70	0.006	184.8	0.0417
26.73	0.006	195.3	0.0186	26.73	0.006	184.8	0.047
26.77	0.009	195.6	0.0222	26.77	0.008	185.1	0.0524
26.80	0.012	195.9	0.0222	26.80	0.012	185.5	0.0577
26.83	0.012	195.9	0.0275	26.83	0.016	185.9	0.0621
26.87	0.013	196.1	0.0311	26.87	0.017	186.2	0.0666
26.92	0.016	196.5	0.0346	26.90	0.02	186.6	0.0719
26.95	0.018	196.5	0.0364	26.93	0.024	187.1	0.0719
26.98	0.018	196.7	0.0399	26.97	0.026	187.1	0.0772

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
27.00	0.019	197	0.0435	27.00	0.026	187.4	0.0817
27.03	0.022	197.2	0.0462	27.03	0.028	187.8	0.087
27.07	0.022	197.4	0.0497	27.07	0.032	188.2	0.0914
27.10	0.024	197.7	0.0515	27.10	0.032	188.5	0.095
27.13	0.026	197.9	0.0515	27.13	0.034	188.9	0.0985
27.17	0.026	197.9	0.0541	27.17	0.037	189.2	0.0985
27.20	0.026	198.1	0.0559	27.20	0.037	189.2	0.1021
27.23	0.027	198.2	0.0577	27.23	0.037	189.5	0.1047
27.27	0.028	198.5	0.0595	27.27	0.038	189.8	0.1074
27.30	0.028	198.6	0.0595	27.30	0.04	190	0.1092
27.33	0.028	198.7	0.0612	27.35	0.04	190.3	0.1101
27.37	0.029	198.9	0.0612	27.38	0.04	190.5	0.111
27.40	0.029	198.9	0.0612	27.40	0.04	190.6	0.111
27.43	0.029	199	0.0612	27.43	0.04	190.8	0.111
27.47	0.029	199.1	0.0612	27.47	0.04	190.9	0.1118
27.50	0.029	199.2	0.0612	27.50	0.04	191.1	0.1118
27.53	0.028	199.2	0.0604	27.53	0.039	191.1	0.1118
27.57	0.027	199.2	0.0595	27.57	0.039	191.2	0.111
27.60	0.025	199.2	0.0595	27.60	0.038	191.2	0.1083
27.63	0.024	199.2	0.0586	27.63	0.034	191.1	0.1056
27.67	0.024	199.2	0.0568	27.67	0.033	191.1	0.103
27.70	0.024	199.2	0.055	27.70	0.031	191	0.0994
27.73	0.022	199.1	0.0524	27.73	0.028	190.9	0.0994
27.77	0.02	199	0.0497	27.77	0.026	190.9	0.0968
27.80	0.019	199	0.047	27.80	0.026	190.7	0.0932
27.83	0.016	198.8	0.047	27.83	0.024	190.6	0.0888
27.87	0.014	198.7	0.0444	27.87	0.02	190.3	0.0834
27.90	0.014	198.7	0.0417	27.90	0.018	190.1	0.079
27.93	0.013	198.5	0.0382	27.93	0.016	189.8	0.0728
27.97	0.01	198.3	0.0337	27.97	0.01	189.4	0.0728
28.00	0.008	198.1	0.0311	28.00	0.008	189.1	0.0666
28.03	0.007	198	0.0257	28.03	0.008	189.1	0.063
28.07	0.004	197.7	0.0257	28.07	0.006	188.8	0.0568
28.10	0.002	197.5	0.0222	28.10	0.001	188.3	0.0506
28.13	0.002	197.5	0.0186	28.13	-0.001	188	0.047
28.17	0.001	197.3	0.0151	28.17	-0.003	187.7	0.0417
28.20	-0.002	197	0.0107	28.20	-0.008	187.2	0.0417
28.23	-0.004	196.7	0.0071	28.23	-0.01	186.8	0.0355
28.27	-0.005	196.5	0.0036	28.27	-0.01	186.8	0.0311
28.30	-0.008	196.2	0.0036	28.30	-0.012	186.4	0.0249
28.33	-0.01	196	-0.0009	28.33	-0.016	185.9	0.0195
28.38	-0.01	195.8	-0.0053	28.37	-0.018	185.5	0.016
28.42	-0.011	195.6	-0.0053	28.40	-0.019	185.2	0.0115
28.43	-0.013	195.3	-0.008	28.43	-0.022	184.8	0.0115
28.47	-0.013	195.3	-0.0107	28.47	-0.024	184.4	0.0071
28.50	-0.014	195.1	-0.0124	28.50	-0.024	184.4	0.0036
28.53	-0.015	194.8	-0.0151	28.53	-0.025	184.2	0.0009
28.57	-0.016	194.6	-0.0169	28.57	-0.026	183.8	-0.0018
28.60	-0.016	194.5	-0.0178	28.60	-0.028	183.5	-0.0036
28.63	-0.016	194.3	-0.0178	28.63	-0.028	183.3	-0.0053
28.67	-0.017	194.2	-0.0186	28.67	-0.028	183.1	-0.0053
28.70	-0.017	194.2	-0.0195	28.70	-0.029	182.9	-0.0071
28.73	-0.017	194.1	-0.0204	28.73	-0.029	182.9	-0.008
28.77	-0.017	194	-0.0204	28.77	-0.029	182.7	-0.008
28.80	-0.017	193.9	-0.0204	28.82	-0.028	182.5	-0.008
28.83	-0.017	193.8	-0.0195	28.85	-0.027	182.5	-0.0071
28.87	-0.016	193.8	-0.0178	28.87	-0.027	182.4	-0.0071
28.90	-0.014	193.8	-0.0178	28.90	-0.026	182.4	-0.0053
28.93	-0.014	193.8	-0.0169	28.93	-0.024	182.4	-0.0036
28.97	-0.014	193.8	-0.016	28.97	-0.023	182.4	-0.0018
29.00	-0.013	193.8	-0.0151	29.00	-0.022	182.5	0.0018
29.03	-0.011	193.9	-0.0124	29.03	-0.018	182.6	0.0018
29.07	-0.01	193.9	-0.0107	29.07	-0.017	182.6	0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
29.10	-0.009	194.1	-0.008	29.10	-0.017	182.7	0.008
29.13	-0.006	194.2	-0.008	29.13	-0.015	183	0.0115
29.17	-0.005	194.2	-0.0053	29.17	-0.011	183.2	0.016
29.20	-0.005	194.3	-0.0027	29.20	-0.009	183.4	0.0204
29.23	-0.003	194.5	0.0009	29.23	-0.006	183.7	0.0257
29.27	0	194.6	0.0044	29.27	-0.002	184	0.0257
29.30	0.001	194.8	0.008	29.30	0	184	0.0328
29.33	0.003	195	0.0124	29.33	0	184.2	0.0382
29.37	0.007	195.2	0.0124	29.37	0.002	184.6	0.0435
29.40	0.007	195.2	0.0169	29.40	0.008	185	0.0497
29.43	0.007	195.4	0.0195	29.43	0.01	185.3	0.0533
29.47	0.009	195.7	0.0231	29.47	0.012	185.7	0.0586
29.50	0.012	196	0.0284	29.50	0.017	186.1	0.0586
29.53	0.014	196.2	0.032	29.53	0.018	186.1	0.0648
29.57	0.015	196.5	0.0355	29.57	0.018	186.4	0.0692
29.60	0.018	196.7	0.0355	29.60	0.021	186.8	0.0746
29.63	0.019	196.7	0.0399	29.63	0.026	187.3	0.0808
29.67	0.019	196.9	0.0417	29.67	0.027	187.6	0.0843
29.70	0.02	197.2	0.0462	29.70	0.029	188	0.0888
29.73	0.023	197.4	0.0488	29.73	0.033	188.4	0.0888
29.77	0.024	197.6	0.0506	29.77	0.033	188.4	0.0941
29.82	0.024	197.8	0.0541	29.80	0.033	188.7	0.0976
29.85	0.025	198	0.055	29.83	0.035	189.1	0.1012
29.88	0.027	198.2	0.0568	29.87	0.038	189.4	0.1047
29.90	0.027	198.4	0.0586	29.90	0.038	189.7	0.1065
29.93	0.028	198.6	0.0586	29.93	0.039	189.9	0.1083
29.97	0.029	198.7	0.0595	29.97	0.04	190.2	0.1083
30.00	0.029	198.7	0.0604	30.00	0.04	190.2	0.1101
30.03	0.029	198.9	0.0612	30.03	0.04	190.4	0.111
30.07	0.029	199	0.0621	30.07	0.04	190.6	0.1118
30.10	0.029	199.1	0.0612	30.10	0.04	190.8	0.1118
30.13	0.029	199.2	0.0621	30.13	0.04	190.9	0.1118
30.17	0.028	199.3	0.0612	30.17	0.04	191.1	0.1118
30.20	0.027	199.3	0.0612	30.20	0.039	191.2	0.1118
30.23	0.027	199.3	0.0604	30.25	0.038	191.2	0.1101
30.27	0.027	199.3	0.0586	30.28	0.037	191.3	0.1074
30.30	0.025	199.3	0.0577	30.32	0.034	191.2	0.1074
30.33	0.024	199.3	0.0559	30.33	0.032	191.1	0.1047
30.37	0.023	199.2	0.0541	30.37	0.032	191.1	0.1021
30.40	0.022	199.1	0.0515	30.40	0.031	191.1	0.0994
30.43	0.019	199	0.0515	30.43	0.028	190.8	0.095
30.47	0.018	199	0.0488	30.47	0.024	190.7	0.0914
30.50	0.018	199	0.047	30.50	0.023	190.5	0.087
30.53	0.016	198.8	0.0435	30.53	0.019	190.2	0.087
30.57	0.013	198.7	0.0399	30.57	0.016	190	0.0817
30.60	0.012	198.5	0.0373	30.60	0.016	190	0.0772
30.63	0.011	198.3	0.0328	30.63	0.014	189.8	0.071
30.67	0.007	198.1	0.0328	30.67	0.01	189.3	0.0648
30.70	0.006	198.1	0.0293	30.70	0.006	189	0.0595
30.73	0.006	198	0.0249	30.73	0.005	188.7	0.0541
30.77	0.005	197.7	0.0204	30.77	0.001	188.2	0.0541
30.80	0	197.4	0.016	30.80	-0.003	187.9	0.0488
30.83	0	197.2	0.0133	30.83	-0.003	187.9	0.0444
30.87	-0.002	197	0.0098	30.87	-0.004	187.6	0.0391
30.90	-0.005	196.7	0.0098	30.90	-0.008	187	0.0328
30.93	-0.006	196.7	0.0053	30.93	-0.012	186.6	0.0284
30.97	-0.006	196.5	0.0018	30.97	-0.013	186.3	0.0231
31.00	-0.007	196.2	-0.0018	31.00	-0.016	185.8	0.0178
31.03	-0.01	195.9	-0.0053	31.03	-0.02	185.4	0.0178
31.07	-0.011	195.7	-0.008	31.07	-0.02	185.4	0.0124
31.10	-0.012	195.4	-0.0098	31.10	-0.02	185.1	0.0089
31.13	-0.014	195.2	-0.0098	31.13	-0.022	184.6	0.0053
31.17	-0.015	195.2	-0.0124	31.17	-0.025	184.3	0.0018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
31.20	-0.015	195	-0.0142	31.20	-0.026	184	-0.0009
31.23	-0.015	194.8	-0.016	31.23	-0.027	183.7	-0.0036
31.28	-0.017	194.6	-0.0178	31.27	-0.028	183.4	-0.0036
31.32	-0.017	194.4	-0.0186	31.30	-0.028	183.4	-0.0053
31.33	-0.017	194.3	-0.0195	31.33	-0.028	183.2	-0.0062
31.37	-0.017	194.2	-0.0195	31.37	-0.029	183	-0.0071
31.40	-0.017	194	-0.0195	31.40	-0.029	182.8	-0.008
31.43	-0.017	193.9	-0.0204	31.43	-0.029	182.7	-0.008
31.47	-0.017	193.9	-0.0204	31.47	-0.028	182.6	-0.008
31.50	-0.016	193.8	-0.0204	31.50	-0.027	182.5	-0.008
31.53	-0.016	193.8	-0.0195	31.53	-0.026	182.5	-0.0071
31.57	-0.016	193.8	-0.0186	31.57	-0.026	182.5	-0.0062
31.60	-0.015	193.8	-0.0178	31.60	-0.025	182.5	-0.0036
31.63	-0.013	193.8	-0.016	31.63	-0.023	182.5	-0.0027
31.67	-0.013	193.8	-0.0142	31.67	-0.021	182.6	0
31.70	-0.011	193.9	-0.0142	31.72	-0.02	182.6	0.0036
31.73	-0.009	194	-0.0115	31.75	-0.017	182.7	0.0053
31.77	-0.009	194	-0.0098	31.77	-0.016	182.9	0.0089
31.80	-0.008	194	-0.0071	31.80	-0.014	183.1	0.0133
31.83	-0.006	194.2	-0.0036	31.83	-0.009	183.4	0.0133
31.87	-0.004	194.4	-0.0009	31.87	-0.008	183.4	0.0186
31.90	-0.002	194.5	0.0027	31.90	-0.008	183.5	0.0222
31.93	0	194.7	0.0062	31.93	-0.005	183.8	0.0293
31.97	0.003	194.9	0.0062	31.97	0	184.2	0.0346
32.00	0.003	194.9	0.0098	32.00	0.001	184.4	0.0391
32.03	0.004	195	0.0133	32.03	0.004	184.7	0.0453
32.07	0.006	195.4	0.0178	32.07	0.009	185.2	0.0453
32.10	0.009	195.6	0.0213	32.10	0.011	185.5	0.0515
32.13	0.01	195.8	0.0249	32.13	0.011	185.5	0.0559
32.17	0.012	196.1	0.0293	32.17	0.013	185.8	0.0612
32.20	0.015	196.4	0.0293	32.20	0.018	186.2	0.0666
32.23	0.016	196.4	0.0337	32.23	0.02	186.6	0.0701
32.27	0.016	196.5	0.0364	32.27	0.022	187	0.0763
32.30	0.017	196.8	0.0399	32.30	0.026	187.5	0.0763
32.33	0.021	197.1	0.0444	32.33	0.029	187.8	0.0817
32.37	0.021	197.3	0.0462	32.37	0.029	187.8	0.0861
32.40	0.022	197.5	0.0497	32.40	0.03	188.1	0.0905
32.43	0.025	197.8	0.0497	32.43	0.032	188.6	0.095
32.47	0.025	197.8	0.0524	32.47	0.035	188.9	0.0985
32.50	0.025	197.9	0.0541	32.50	0.036	189.2	0.103
32.53	0.026	198.2	0.0568	32.53	0.037	189.6	0.1047
32.57	0.028	198.4	0.0586	32.57	0.039	189.9	0.1047
32.60	0.028	198.5	0.0586	32.60	0.039	189.9	0.1083
32.63	0.028	198.7	0.0595	32.63	0.04	190.1	0.1092
32.67	0.029	198.8	0.0595	32.67	0.04	190.3	0.111
32.70	0.029	198.8	0.0612	32.70	0.04	190.5	0.1118
32.75	0.029	199.1	0.0612	32.73	0.04	190.7	0.1118
32.78	0.029	199.1	0.0612	32.77	0.04	190.9	0.1118
32.80	0.029	199.1	0.0612	32.80	0.04	191	0.1118
32.83	0.029	199.2	0.0612	32.83	0.04	191	0.1118
32.87	0.028	199.3	0.0604	32.87	0.04	191.2	0.1118
32.90	0.026	199.3	0.0595	32.90	0.039	191.3	0.111
32.93	0.026	199.3	0.0586	32.93	0.036	191.2	0.1083
32.97	0.025	199.3	0.0568	32.97	0.035	191.2	0.1065
33.00	0.023	199.3	0.0568	33.00	0.033	191.2	0.103
33.03	0.022	199.3	0.0541	33.03	0.03	191	0.103
33.07	0.022	199.2	0.0533	33.07	0.029	191	0.0994
33.10	0.021	199.2	0.0506	33.10	0.029	190.9	0.0968
33.13	0.019	199	0.0479	33.15	0.024	190.6	0.0923
33.17	0.017	198.9	0.0453	33.18	0.021	190.6	0.0897
33.20	0.016	198.8	0.0417	33.22	0.021	190.4	0.0861
33.23	0.013	198.6	0.0417	33.23	0.02	190.2	0.0808
33.27	0.011	198.5	0.0382	33.27	0.014	189.9	0.0746

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
33.30	0.011	198.5	0.0355	33.30	0.012	189.6	0.0701
33.33	0.01	198.3	0.0311	33.33	0.01	189.3	0.0639
33.37	0.007	198	0.0275	33.37	0.004	188.9	0.0639
33.40	0.005	197.9	0.024	33.40	0.003	188.9	0.0577
33.43	0.003	197.7	0.0195	33.43	0.003	188.6	0.0533
33.47	0.001	197.4	0.0195	33.47	0.001	188.2	0.047
33.50	-0.002	197.1	0.0151	33.50	-0.005	187.7	0.0417
33.53	-0.002	197.1	0.0107	33.53	-0.006	187.4	0.0373
33.57	-0.003	196.9	0.008	33.57	-0.008	187	0.032
33.60	-0.005	196.6	0.0036	33.60	-0.013	186.5	0.032
33.63	-0.007	196.4	0	33.63	-0.015	186.1	0.0257
33.67	-0.008	196.1	-0.0036	33.67	-0.015	186.1	0.0213
33.70	-0.01	195.8	-0.0062	33.70	-0.016	185.8	0.016
33.73	-0.012	195.6	-0.0062	33.73	-0.02	185.3	0.0115
33.77	-0.012	195.6	-0.0089	33.77	-0.022	184.9	0.008
33.80	-0.013	195.4	-0.0115	33.80	-0.022	184.6	0.0044
33.83	-0.014	195.1	-0.0133	33.83	-0.025	184.2	0.0044
33.87	-0.015	194.9	-0.0151	33.87	-0.026	183.9	0
33.90	-0.016	194.7	-0.0169	33.90	-0.026	183.9	-0.0018
33.93	-0.016	194.5	-0.0178	33.93	-0.027	183.7	-0.0044
33.97	-0.017	194.4	-0.0178	33.97	-0.028	183.4	-0.0062
34.00	-0.017	194.4	-0.0195	34.00	-0.029	183.2	-0.0071
34.03	-0.017	194.3	-0.0195	34.03	-0.029	183	-0.008
34.07	-0.017	194.1	-0.0204	34.07	-0.029	182.8	-0.008
34.10	-0.017	194	-0.0204	34.10	-0.028	182.6	-0.0089
34.13	-0.017	193.9	-0.0204	34.13	-0.028	182.6	-0.0089
34.18	-0.017	193.9	-0.0195	34.17	-0.028	182.6	-0.008
34.22	-0.016	193.8	-0.0195	34.20	-0.027	182.5	-0.0071
34.25	-0.016	193.8	-0.0186	34.23	-0.025	182.5	-0.0053
34.27	-0.014	193.8	-0.016	34.27	-0.025	182.5	-0.0036
34.30	-0.012	193.9	-0.016	34.30	-0.023	182.6	-0.0009
34.33	-0.012	193.9	-0.0151	34.33	-0.02	182.6	-0.0009
34.37	-0.012	193.9	-0.0142	34.37	-0.02	182.6	0.0009
34.40	-0.011	194	-0.0115	34.40	-0.019	182.7	0.0044
34.43	-0.008	194.1	-0.0089	34.43	-0.016	183	0.008
34.47	-0.007	194.1	-0.0062	34.47	-0.013	183.1	0.0124
34.50	-0.006	194.3	-0.0036	34.50	-0.011	183.3	0.0169
34.53	-0.002	194.5	-0.0036	34.53	-0.008	183.6	0.0222
34.57	-0.001	194.5	0	34.57	-0.004	183.9	0.0222
34.60	-0.001	194.6	0.0027	34.62	-0.003	184.1	0.0311
34.63	0	194.8	0.0062	34.65	-0.001	184.3	0.0355
34.67	0.004	195	0.0107	34.67	0.004	184.7	0.0355
34.70	0.004	195.2	0.0142	34.70	0.005	184.7	0.0417
34.73	0.006	195.4	0.0178	34.73	0.005	184.9	0.0462
34.77	0.01	195.7	0.0178	34.77	0.008	185.3	0.0524
34.80	0.011	195.7	0.0231	34.80	0.014	185.7	0.0586
34.83	0.011	195.9	0.0257	34.83	0.015	186	0.063
34.87	0.012	196.2	0.0311	34.87	0.017	186.5	0.0675
34.90	0.016	196.5	0.0346	34.90	0.022	186.8	0.0675
34.93	0.017	196.7	0.0373	34.93	0.023	186.8	0.0737
34.97	0.018	196.9	0.0408	34.97	0.023	187.2	0.0781
35.00	0.021	197.2	0.0408	35.00	0.025	187.7	0.0834
35.03	0.022	197.4	0.0453	35.03	0.03	188	0.0888
35.07	0.022	197.4	0.047	35.07	0.031	188.3	0.0923
35.10	0.023	197.6	0.0497	35.10	0.033	188.8	0.0968
35.13	0.024	197.8	0.0524	35.13	0.036	189.1	0.0968
35.17	0.026	198	0.055	35.17	0.036	189.1	0.1003
35.20	0.026	198.2	0.0568	35.20	0.036	189.4	0.103
35.23	0.027	198.4	0.0568	35.23	0.037	189.7	0.1065
35.27	0.028	198.6	0.0586	35.27	0.04	190	0.1083
35.30	0.028	198.6	0.0595	35.30	0.039	190.2	0.1101
35.33	0.028	198.7	0.0604	35.33	0.04	190.5	0.111
35.37	0.029	198.9	0.0604	35.37	0.04	190.7	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
35.40	0.029	199	0.0612	35.40	0.04	190.7	0.1118
35.43	0.029	199.1	0.0612	35.43	0.04	190.8	0.1127
35.47	0.029	199.2	0.0612	35.47	0.04	191	0.1127
35.50	0.028	199.3	0.0612	35.50	0.04	191.2	0.1118
35.53	0.027	199.3	0.0612	35.53	0.04	191.3	0.1118
35.57	0.027	199.3	0.0595	35.57	0.039	191.3	0.1101
35.60	0.026	199.3	0.0586	35.60	0.035	191.3	0.1101
35.65	0.024	199.3	0.0568	35.63	0.034	191.3	0.1074
35.68	0.024	199.3	0.0559	35.67	0.034	191.2	0.1047
35.70	0.024	199.3	0.0541	35.70	0.032	191.2	0.1021
35.73	0.021	199.2	0.0515	35.73	0.029	191	0.0985
35.77	0.02	199.2	0.0506	35.77	0.027	190.9	0.095
35.80	0.019	199	0.047	35.80	0.025	190.8	0.0905
35.83	0.016	198.9	0.047	35.83	0.021	190.5	0.0905
35.87	0.015	198.9	0.0435	35.87	0.019	190.3	0.0852
35.90	0.015	198.8	0.0408	35.90	0.019	190.3	0.0817
35.93	0.013	198.6	0.0373	35.93	0.017	190.1	0.0763
35.97	0.01	198.4	0.0337	35.97	0.012	189.7	0.0701
36.00	0.009	198.3	0.0302	36.00	0.009	189.4	0.0657
36.03	0.007	198.1	0.0249	36.03	0.007	189.1	0.0595
36.07	0.003	197.8	0.0249	36.08	0.004	188.8	0.0559
36.10	0.002	197.8	0.0213	36.12	0.001	188.4	0.0515
36.13	0.002	197.6	0.0186	36.13	0	188.2	0.0453
36.17	0.001	197.4	0.0142	36.17	-0.005	187.6	0.0453
36.20	-0.003	197.1	0.0098	36.20	-0.008	187.2	0.0399
36.23	-0.004	196.9	0.0071	36.23	-0.008	187.2	0.0346
36.27	-0.005	196.6	0.0027	36.27	-0.009	186.9	0.0302
36.30	-0.008	196.3	0.0027	36.30	-0.013	186.3	0.0231
36.33	-0.009	196.3	-0.0018	36.33	-0.016	186	0.0186
36.37	-0.009	196.1	-0.0036	36.37	-0.017	185.6	0.0142
36.40	-0.01	195.9	-0.0071	36.40	-0.02	185.1	0.0089
36.43	-0.012	195.6	-0.0098	36.43	-0.023	184.8	0.0089
36.47	-0.013	195.3	-0.0115	36.47	-0.023	184.8	0.0053
36.50	-0.014	195.1	-0.0142	36.50	-0.023	184.5	0.0027
36.53	-0.015	194.9	-0.0142	36.53	-0.025	184.1	-0.0009
36.57	-0.016	194.7	-0.016	36.57	-0.027	183.8	-0.0036
36.60	-0.016	194.7	-0.0178	36.60	-0.027	183.6	-0.0053
36.63	-0.016	194.5	-0.0186	36.63	-0.028	183.3	-0.0071
36.67	-0.017	194.4	-0.0195	36.67	-0.029	183.1	-0.0071
36.70	-0.017	194.2	-0.0204	36.70	-0.029	183.1	-0.0089
36.73	-0.017	194.1	-0.0204	36.73	-0.029	182.9	-0.0089
36.77	-0.017	194	-0.0195	36.77	-0.029	182.8	-0.0089
36.80	-0.017	193.9	-0.0195	36.80	-0.028	182.6	-0.0089
36.83	-0.017	193.9	-0.0204	36.83	-0.027	182.6	-0.008
36.87	-0.016	193.9	-0.0195	36.87	-0.027	182.5	-0.0071
36.90	-0.015	193.9	-0.0178	36.90	-0.025	182.5	-0.0071
36.93	-0.015	193.9	-0.0178	36.93	-0.024	182.5	-0.0053
36.97	-0.014	193.9	-0.016	36.97	-0.024	182.5	-0.0036
37.00	-0.012	194	-0.0142	37.00	-0.022	182.6	-0.0009
37.03	-0.01	194	-0.0142	37.03	-0.019	182.7	0.0027
37.08	-0.009	194	-0.0107	37.07	-0.018	182.8	0.0053
37.12	-0.009	194.1	-0.008	37.10	-0.016	183	0.0089
37.15	-0.006	194.2	-0.008	37.13	-0.011	183.2	0.0089
37.17	-0.005	194.2	-0.0053	37.17	-0.01	183.2	0.0142
37.20	-0.005	194.3	-0.0027	37.20	-0.01	183.4	0.0169
37.23	-0.003	194.6	0.0009	37.23	-0.008	183.7	0.0231
37.27	0	194.7	0.0044	37.27	-0.003	184	0.0302
37.30	0.001	194.9	0.0071	37.30	-0.001	184.2	0.0346
37.33	0.003	195.1	0.0115	37.33	0.001	184.6	0.0408
37.37	0.006	195.3	0.0115	37.37	0.007	185	0.0408
37.40	0.007	195.3	0.016	37.40	0.008	185	0.047
37.43	0.007	195.6	0.0195	37.43	0.008	185.3	0.0515
37.47	0.009	195.8	0.0231	37.47	0.011	185.7	0.0568

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
37.50	0.012	196.1	0.0284	37.52	0.016	186.1	0.063
37.53	0.014	196.3	0.0311	37.55	0.016	186.3	0.0648
37.57	0.015	196.6	0.0355	37.57	0.018	186.7	0.0701
37.60	0.018	196.8	0.0355	37.60	0.023	187.2	0.0763
37.63	0.019	196.8	0.0399	37.63	0.025	187.5	0.0808
37.67	0.019	197	0.0426	37.67	0.027	187.9	0.0861
37.70	0.02	197.3	0.0453	37.70	0.031	188.3	0.0861
37.73	0.023	197.5	0.0488	37.73	0.032	188.3	0.0914
37.77	0.024	197.7	0.0506	37.77	0.032	188.6	0.0941
37.80	0.025	197.9	0.0541	37.80	0.033	188.9	0.0985
37.83	0.026	198.2	0.0541	37.83	0.036	189.3	0.1021
37.87	0.027	198.2	0.0559	37.87	0.037	189.6	0.1047
37.90	0.027	198.3	0.0568	37.90	0.038	189.9	0.1074
37.93	0.027	198.5	0.0586	37.93	0.04	190.2	0.1074
37.97	0.028	198.7	0.0604	37.97	0.04	190.2	0.1101
38.00	0.029	198.8	0.0604	38.00	0.04	190.4	0.111
38.03	0.029	199	0.0612	38.03	0.04	190.6	0.1118
38.07	0.029	199.1	0.0612	38.07	0.04	190.8	0.1127
38.10	0.029	199.1	0.0612	38.10	0.04	191	0.1127
38.13	0.029	199.2	0.0612	38.13	0.04	191.2	0.1127
38.17	0.028	199.3	0.0612	38.17	0.04	191.3	0.1127
38.20	0.028	199.3	0.0604	38.20	0.039	191.4	0.1127
38.23	0.027	199.3	0.0595	38.23	0.039	191.4	0.1118
38.27	0.026	199.4	0.0577	38.27	0.038	191.4	0.1092
38.30	0.024	199.3	0.0577	38.30	0.035	191.3	0.1056
38.33	0.023	199.3	0.0559	38.33	0.032	191.2	0.1039
38.37	0.023	199.3	0.0541	38.37	0.031	191.2	0.1003
38.40	0.023	199.3	0.0524	38.40	0.029	191	0.0968
38.43	0.02	199.2	0.0497	38.43	0.025	190.9	0.0968
38.47	0.019	199.1	0.0479	38.47	0.025	190.9	0.0932
38.50	0.017	199	0.0444	38.50	0.024	190.8	0.0888
38.55	0.014	198.8	0.0408	38.53	0.021	190.4	0.0843
38.58	0.014	198.7	0.0391	38.57	0.017	190.2	0.079
38.60	0.012	198.6	0.0355	38.60	0.016	190	0.0737
38.63	0.01	198.3	0.0355	38.63	0.012	189.6	0.0675
38.67	0.007	198.2	0.032	38.67	0.007	189.3	0.0675
38.70	0.007	198.2	0.0293	38.70	0.007	189.3	0.0621
38.73	0.006	198	0.024	38.73	0.006	189	0.0568
38.77	0.003	197.7	0.0195	38.77	0.002	188.5	0.0515
38.80	0.001	197.5	0.0169	38.80	-0.002	188.1	0.0462
38.83	0	197.3	0.0124	38.83	-0.003	187.9	0.0417
38.87	-0.003	197	0.0124	38.87	-0.006	187.3	0.0355
38.90	-0.005	196.7	0.008	38.90	-0.011	186.9	0.0355
38.93	-0.005	196.7	0.0044	38.93	-0.012	186.9	0.0302
38.97	-0.006	196.5	0.0009	38.98	-0.014	186.2	0.0222
39.00	-0.008	196.2	-0.0027	39.02	-0.016	185.9	0.0222
39.03	-0.01	196	-0.0053	39.03	-0.018	185.9	0.0178
39.07	-0.011	195.8	-0.008	39.07	-0.018	185.5	0.0133
39.10	-0.012	195.5	-0.0115	39.10	-0.02	185.1	0.008
39.13	-0.014	195.2	-0.0115	39.13	-0.024	184.7	0.0036
39.17	-0.015	195.2	-0.0133	39.17	-0.024	184.4	0.0018
39.20	-0.015	195	-0.0151	39.20	-0.025	184.1	-0.0018
39.23	-0.015	194.8	-0.0169	39.23	-0.027	183.8	-0.0018
39.27	-0.016	194.6	-0.0186	39.27	-0.028	183.8	-0.0044
39.30	-0.017	194.5	-0.0195	39.30	-0.028	183.5	-0.0062
39.33	-0.017	194.3	-0.0195	39.33	-0.028	183.3	-0.0071
39.37	-0.017	194.2	-0.0195	39.37	-0.029	183.1	-0.0089
39.40	-0.017	194.2	-0.0204	39.40	-0.029	182.9	-0.0089
39.43	-0.017	194.1	-0.0204	39.43	-0.029	182.8	-0.0089
39.47	-0.017	194	-0.0204	39.47	-0.028	182.6	-0.0089
39.50	-0.017	193.9	-0.0204	39.50	-0.027	182.6	-0.0089
39.53	-0.016	193.9	-0.0195	39.53	-0.027	182.6	-0.008
39.57	-0.015	193.9	-0.0186	39.57	-0.026	182.5	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
39.60	-0.014	193.9	-0.0186	39.60	-0.024	182.6	-0.0044
39.63	-0.013	193.9	-0.0169	39.63	-0.023	182.6	-0.0027
39.67	-0.013	193.9	-0.016	39.67	-0.022	182.7	0
39.70	-0.012	193.9	-0.0133	39.70	-0.018	182.8	0
39.73	-0.01	194	-0.0115	39.73	-0.017	182.8	0.0036
39.77	-0.009	194.1	-0.0089	39.77	-0.017	182.9	0.0062
39.80	-0.007	194.3	-0.0062	39.80	-0.015	183.1	0.0107
39.83	-0.004	194.4	-0.0062	39.83	-0.01	183.4	0.016
39.87	-0.004	194.4	-0.0036	39.87	-0.009	183.5	0.0195
39.90	-0.004	194.5	0	39.90	-0.007	183.8	0.0249
39.93	-0.002	194.7	0.0036	39.93	-0.001	184.2	0.0249
39.97	0.002	194.9	0.008	39.97	0	184.2	0.032
40.02	0.003	195.1	0.0098	40.00	0	184.4	0.0364
40.05	0.003	195.2	0.0124	40.03	0.002	184.7	0.0426
40.07	0.007	195.5	0.0169	40.07	0.008	185.1	0.0488
40.10	0.008	195.7	0.0204	40.10	0.01	185.4	0.0533
40.13	0.01	196	0.0249	40.13	0.012	185.8	0.0586
40.17	0.014	196.2	0.0249	40.17	0.017	186.2	0.0586
40.20	0.014	196.2	0.0302	40.20	0.019	186.6	0.0648
40.23	0.014	196.4	0.0328	40.23	0.019	186.6	0.0683
40.27	0.016	196.7	0.0364	40.27	0.021	186.9	0.0746
40.30	0.019	196.9	0.0408	40.30	0.025	187.4	0.0799
40.33	0.02	197.1	0.0435	40.33	0.027	187.8	0.0843
40.37	0.021	197.4	0.0462	40.37	0.029	188.1	0.0897
40.40	0.023	197.6	0.0462	40.42	0.032	188.6	0.0941
40.43	0.024	197.6	0.0497	40.45	0.033	188.8	0.0959
40.47	0.024	197.9	0.0515	40.48	0.034	189.1	0.1003
40.50	0.025	198	0.0541	40.50	0.036	189.5	0.1003
40.53	0.027	198.3	0.0559	40.53	0.038	189.8	0.1039
40.57	0.027	198.5	0.0577	40.57	0.038	189.8	0.1065
40.60	0.028	198.6	0.0586	40.60	0.038	190.1	0.1083
40.63	0.028	198.8	0.0586	40.63	0.039	190.3	0.1101
40.67	0.029	198.9	0.0595	40.67	0.04	190.6	0.1118
40.70	0.029	198.9	0.0604	40.70	0.04	190.8	0.1118
40.73	0.029	199.1	0.0612	40.73	0.04	190.9	0.1127
40.77	0.029	199.2	0.0612	40.77	0.04	191.1	0.1127
40.80	0.029	199.3	0.0612	40.80	0.04	191.1	0.1127
40.83	0.029	199.3	0.0604	40.83	0.04	191.2	0.1127
40.87	0.028	199.4	0.0595	40.87	0.04	191.4	0.1127
40.90	0.026	199.4	0.0595	40.90	0.039	191.4	0.1118
40.93	0.026	199.4	0.0586	40.93	0.037	191.4	0.1092
40.97	0.026	199.4	0.0577	40.97	0.035	191.4	0.1065
41.00	0.024	199.3	0.055	41.00	0.032	191.3	0.1065
41.03	0.022	199.3	0.0533	41.03	0.03	191.3	0.103
41.07	0.022	199.3	0.0515	41.07	0.03	191.2	0.1003
41.10	0.02	199.2	0.0488	41.10	0.029	191.1	0.0968
41.13	0.017	199	0.0488	41.13	0.024	190.9	0.0923
41.17	0.017	199	0.0462	41.17	0.023	190.7	0.0879
41.20	0.017	199	0.0435	41.20	0.021	190.5	0.0834
41.23	0.015	198.8	0.0399	41.23	0.015	190.2	0.0834
41.27	0.011	198.6	0.0364	41.27	0.014	190.2	0.0772
41.30	0.011	198.5	0.0328	41.30	0.014	190	0.0728
41.33	0.009	198.2	0.0293	41.33	0.011	189.6	0.0666
41.37	0.005	198	0.0293	41.37	0.006	189.2	0.0595
41.40	0.004	198	0.024	41.40	0.004	188.9	0.0559
41.45	0.003	197.6	0.0186	41.43	0.002	188.5	0.0506
41.48	0.001	197.4	0.0186	41.47	-0.003	188.1	0.0506
41.50	-0.001	197.4	0.016	41.50	-0.005	188.1	0.0444
41.53	-0.001	197.2	0.0115	41.53	-0.005	187.7	0.0399
41.57	-0.002	197	0.0071	41.57	-0.007	187.3	0.0337
41.60	-0.006	196.7	0.0027	41.60	-0.012	186.8	0.0275
41.63	-0.007	196.4	0	41.63	-0.013	186.4	0.0231
41.67	-0.008	196.2	-0.0036	41.67	-0.015	186	0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
41.70	-0.011	195.9	-0.0036	41.70	-0.02	185.6	0.0169
41.73	-0.012	195.7	-0.0071	41.73	-0.02	185.6	0.0124
41.77	-0.012	195.7	-0.0089	41.77	-0.02	185.3	0.0089
41.80	-0.012	195.5	-0.0115	41.80	-0.022	184.9	0.0044
41.83	-0.014	195.2	-0.0142	41.83	-0.025	184.5	0.0009
41.87	-0.015	195	-0.016	41.88	-0.025	184.2	-0.0009
41.90	-0.016	194.8	-0.0178	41.92	-0.026	184	-0.0036
41.93	-0.016	194.6	-0.0178	41.93	-0.027	183.6	-0.0062
41.97	-0.017	194.4	-0.0186	41.97	-0.028	183.4	-0.0071
42.00	-0.017	194.4	-0.0195	42.00	-0.028	183.2	-0.008
42.03	-0.017	194.3	-0.0204	42.03	-0.029	183	-0.008
42.07	-0.017	194.2	-0.0204	42.07	-0.029	182.9	-0.0089
42.10	-0.017	194.1	-0.0204	42.10	-0.029	182.9	-0.0089
42.13	-0.017	194	-0.0204	42.13	-0.028	182.7	-0.0089
42.17	-0.017	193.9	-0.0204	42.17	-0.028	182.6	-0.0089
42.20	-0.016	193.9	-0.0195	42.20	-0.026	182.6	-0.008
42.23	-0.016	193.9	-0.0195	42.23	-0.026	182.5	-0.0062
42.27	-0.015	193.9	-0.0178	42.27	-0.024	182.6	-0.0036
42.30	-0.014	194	-0.016	42.30	-0.022	182.6	-0.0036
42.33	-0.012	194	-0.0151	42.33	-0.021	182.6	-0.0018
42.37	-0.011	194	-0.0133	42.37	-0.021	182.7	0.0009
42.40	-0.01	194.1	-0.0107	42.40	-0.019	182.9	0.0044
42.43	-0.007	194.2	-0.0107	42.43	-0.015	183	0.0071
42.47	-0.007	194.2	-0.008	42.47	-0.014	183.1	0.0115
42.50	-0.007	194.3	-0.0053	42.50	-0.011	183.4	0.016
42.53	-0.005	194.5	-0.0018	42.53	-0.007	183.7	0.016
42.57	-0.002	194.6	0.0009	42.57	-0.005	183.7	0.0213
42.60	-0.001	194.8	0.0044	42.60	-0.005	183.9	0.0275
42.63	0.001	195	0.0089	42.63	-0.003	184.3	0.0328
42.67	0.004	195.2	0.0089	42.67	0.003	184.6	0.0399
42.70	0.004	195.2	0.0124	42.70	0.004	184.9	0.0444
42.73	0.005	195.4	0.016	42.73	0.007	185.3	0.0506
42.77	0.008	195.7	0.0195	42.77	0.012	185.7	0.0506
42.80	0.011	196	0.024	42.80	0.013	185.7	0.0559
42.83	0.012	196.2	0.0275	42.83	0.013	185.9	0.0604
42.87	0.013	196.4	0.0311	42.87	0.016	186.4	0.0657
42.92	0.016	196.7	0.0355	42.90	0.021	186.8	0.0719
42.95	0.017	196.8	0.0382	42.93	0.022	187.2	0.0754
42.97	0.018	197.1	0.0408	42.97	0.024	187.6	0.0808
43.00	0.021	197.3	0.0408	43.00	0.029	188	0.0808
43.03	0.022	197.3	0.0444	43.03	0.03	188	0.087
43.07	0.022	197.5	0.047	43.07	0.03	188.3	0.0914
43.10	0.023	197.8	0.0497	43.10	0.031	188.7	0.0959
43.13	0.025	198	0.0524	43.13	0.035	189.1	0.1003
43.17	0.026	198.2	0.0541	43.17	0.036	189.4	0.1021
43.20	0.026	198.4	0.0559	43.20	0.037	189.7	0.1047
43.23	0.027	198.6	0.0559	43.23	0.038	190	0.1074
43.27	0.028	198.6	0.0577	43.27	0.04	190.3	0.1074
43.30	0.028	198.7	0.0586	43.32	0.04	190.5	0.111
43.33	0.029	198.9	0.0604	43.35	0.04	190.7	0.1118
43.37	0.029	199	0.0604	43.38	0.04	190.9	0.1118
43.40	0.029	199.1	0.0604	43.42	0.04	190.9	0.1127
43.43	0.029	199.2	0.0604	43.43	0.04	191	0.1127
43.47	0.028	199.3	0.0604	43.47	0.04	191.2	0.1127
43.50	0.028	199.3	0.0604	43.50	0.04	191.3	0.1127
43.53	0.028	199.4	0.0604	43.53	0.039	191.5	0.1127
43.57	0.027	199.4	0.0586	43.57	0.039	191.6	0.1118
43.60	0.026	199.4	0.0577	43.60	0.037	191.5	0.1083
43.63	0.025	199.4	0.0568	43.63	0.033	191.4	0.1083
43.67	0.024	199.4	0.0541	43.67	0.033	191.4	0.1056
43.70	0.022	199.3	0.0541	43.70	0.033	191.4	0.103
43.73	0.021	199.3	0.0524	43.73	0.03	191.2	0.1003
43.77	0.021	199.3	0.0497	43.77	0.026	191.1	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
43.80	0.019	199.2	0.047	43.80	0.025	191	0.0914
43.83	0.016	199	0.0444	43.83	0.021	190.7	0.0914
43.87	0.015	198.9	0.0417	43.87	0.018	190.5	0.0861
43.90	0.014	198.8	0.0382	43.90	0.018	190.5	0.0817
43.93	0.011	198.6	0.0382	43.93	0.017	190.3	0.0772
43.97	0.009	198.6	0.0346	43.97	0.012	189.9	0.071
44.00	0.009	198.4	0.032	44.00	0.01	189.6	0.0666
44.03	0.008	198.2	0.0275	44.03	0.007	189.3	0.0595
44.07	0.005	198	0.0231	44.07	0.002	188.8	0.0595
44.10	0.003	197.8	0.0195	44.10	0	188.5	0.0533
44.13	0.002	197.6	0.0151	44.13	0	188.5	0.0488
44.17	-0.002	197.3	0.0151	44.17	-0.002	188.1	0.0435
44.20	-0.003	197	0.0107	44.20	-0.007	187.6	0.0373
44.23	-0.003	197	0.0071	44.23	-0.009	187.3	0.0328
44.27	-0.004	196.8	0.0036	44.27	-0.011	186.8	0.0257
44.30	-0.007	196.5	0	44.30	-0.015	186.3	0.0257
44.35	-0.009	196.3	-0.0027	44.33	-0.017	186.3	0.0204
44.38	-0.009	196.1	-0.0053	44.37	-0.017	186	0.016
44.42	-0.011	195.8	-0.008	44.40	-0.018	185.6	0.0115
44.43	-0.012	195.6	-0.0107	44.43	-0.022	185.2	0.0071
44.47	-0.013	195.4	-0.0124	44.47	-0.023	184.8	0.0036
44.50	-0.014	195.1	-0.0124	44.50	-0.024	184.5	0
44.53	-0.016	194.9	-0.0151	44.53	-0.026	184.1	0
44.57	-0.016	194.9	-0.0169	44.57	-0.027	184.1	-0.0027
44.60	-0.016	194.7	-0.0178	44.60	-0.027	183.9	-0.0053
44.63	-0.017	194.5	-0.0195	44.63	-0.028	183.6	-0.0071
44.67	-0.017	194.4	-0.0204	44.67	-0.029	183.4	-0.0089
44.70	-0.017	194.3	-0.0204	44.70	-0.029	183.2	-0.0098
44.73	-0.017	194.2	-0.0204	44.73	-0.029	183	-0.0098
44.77	-0.017	194.1	-0.0204	44.78	-0.028	182.9	-0.0098
44.80	-0.017	194.1	-0.0213	44.82	-0.028	182.7	-0.0098
44.83	-0.017	194	-0.0204	44.85	-0.027	182.6	-0.0089
44.87	-0.016	193.9	-0.0204	44.87	-0.026	182.6	-0.0089
44.90	-0.015	193.9	-0.0186	44.90	-0.025	182.6	-0.008
44.93	-0.015	193.9	-0.0178	44.93	-0.025	182.6	-0.0062
44.97	-0.014	193.9	-0.016	44.97	-0.024	182.6	-0.0036
45.00	-0.011	194	-0.016	45.00	-0.021	182.7	-0.0009
45.03	-0.011	194	-0.0142	45.03	-0.02	182.8	0.0018
45.07	-0.011	194	-0.0124	45.07	-0.018	182.9	0.0053
45.10	-0.01	194.1	-0.0098	45.10	-0.014	183.1	0.0053
45.13	-0.006	194.3	-0.0071	45.13	-0.012	183.1	0.0089
45.17	-0.006	194.4	-0.0053	45.17	-0.012	183.3	0.0124
45.20	-0.004	194.5	-0.0018	45.20	-0.011	183.5	0.0178
45.23	-0.001	194.7	-0.0018	45.23	-0.006	183.8	0.0231
45.27	0	194.9	0.0018	45.27	-0.004	184.1	0.0293
45.30	0	194.9	0.0053	45.30	-0.001	184.5	0.0355
45.33	0.002	195	0.0089	45.33	0.004	184.8	0.0355
45.37	0.005	195.3	0.0133	45.37	0.005	184.8	0.0417
45.40	0.007	195.5	0.0169	45.40	0.005	185.1	0.0462
45.43	0.008	195.7	0.0213	45.43	0.008	185.5	0.0524
45.47	0.012	196.1	0.0213	45.47	0.014	185.9	0.0577
45.50	0.013	196.2	0.0257	45.50	0.015	186.2	0.063
45.53	0.013	196.2	0.0293	45.53	0.017	186.6	0.0675
45.57	0.014	196.5	0.0328	45.57	0.022	187	0.0675
45.60	0.017	196.8	0.0373	45.60	0.023	187	0.0737
45.63	0.019	197	0.0399	45.63	0.023	187.4	0.0781
45.67	0.02	197.2	0.0435	45.67	0.025	187.8	0.0834
45.70	0.022	197.5	0.0435	45.70	0.03	188.2	0.0897
45.73	0.023	197.7	0.047	45.73	0.031	188.5	0.0932
45.77	0.023	197.7	0.0488	45.77	0.032	189	0.0968
45.82	0.025	198.1	0.0515	45.80	0.036	189.3	0.0968
45.85	0.026	198.3	0.0533	45.83	0.036	189.3	0.1012
45.87	0.026	198.3	0.055	45.87	0.036	189.6	0.1039

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
45.90	0.027	198.4	0.0568	45.90	0.038	189.9	0.1074
45.93	0.027	198.7	0.0586	45.93	0.039	190.2	0.1092
45.97	0.028	198.8	0.0595	45.97	0.039	190.4	0.1101
46.00	0.029	199	0.0604	46.00	0.04	190.7	0.1118
46.03	0.029	199.1	0.0604	46.03	0.04	190.9	0.1118
46.07	0.029	199.2	0.0604	46.07	0.04	190.9	0.1127
46.10	0.029	199.2	0.0604	46.10	0.04	191	0.1127
46.13	0.029	199.3	0.0612	46.13	0.04	191.2	0.1127
46.17	0.029	199.4	0.0612	46.17	0.04	191.3	0.1127
46.20	0.028	199.4	0.0604	46.20	0.04	191.4	0.1127
46.23	0.027	199.5	0.0586	46.25	0.039	191.5	0.111
46.27	0.026	199.5	0.0568	46.28	0.036	191.5	0.1092
46.30	0.024	199.4	0.0568	46.32	0.035	191.5	0.1074
46.33	0.024	199.4	0.055	46.35	0.033	191.4	0.1039
46.37	0.024	199.4	0.0533	46.37	0.03	191.3	0.1039
46.40	0.022	199.4	0.0515	46.40	0.028	191.3	0.1012
46.43	0.02	199.2	0.0488	46.43	0.028	191.2	0.0976
46.47	0.019	199.2	0.047	46.47	0.026	191	0.0932
46.50	0.017	199	0.0435	46.50	0.022	190.8	0.0888
46.53	0.014	198.9	0.0435	46.53	0.02	190.6	0.0843
46.57	0.013	198.9	0.0399	46.57	0.018	190.3	0.079
46.60	0.013	198.8	0.0373	46.60	0.013	190	0.079
46.63	0.011	198.6	0.0337	46.63	0.011	190	0.0728
46.67	0.007	198.3	0.0293	46.67	0.011	189.8	0.0675
46.70	0.007	198.2	0.0257	46.70	0.009	189.3	0.0612
46.73	0.005	198	0.0213	46.73	0.003	189	0.055
46.77	0.001	197.7	0.0213	46.77	0.002	188.7	0.0497
46.80	0.001	197.7	0.0169	46.80	-0.002	188.2	0.0444
46.83	0.001	197.5	0.0142	46.83	-0.006	187.8	0.0444
46.87	-0.001	197.3	0.0098	46.87	-0.006	187.8	0.0391
46.90	-0.005	197	0.0062	46.90	-0.007	187.5	0.0337
46.93	-0.005	196.7	0.0036	46.93	-0.011	186.9	0.0284
46.97	-0.007	196.5	-0.0009	46.97	-0.014	186.5	0.0222
47.00	-0.01	196.2	-0.0009	47.00	-0.015	186.2	0.0178
47.03	-0.01	196.2	-0.0044	47.03	-0.019	185.7	0.0178
47.07	-0.01	196	-0.0071	47.07	-0.021	185.3	0.0124
47.10	-0.011	195.7	-0.0098	47.10	-0.021	185.3	0.0089
47.13	-0.014	195.5	-0.0124	47.13	-0.022	185	0.0044
47.17	-0.014	195.2	-0.0142	47.17	-0.025	184.6	0.0009
47.20	-0.015	195	-0.016	47.20	-0.026	184.3	-0.0018
47.25	-0.016	194.8	-0.0186	47.23	-0.026	184	-0.0044
47.28	-0.016	194.7	-0.0186	47.27	-0.028	183.7	-0.0044
47.32	-0.017	194.5	-0.0195	47.30	-0.028	183.7	-0.0071
47.33	-0.017	194.4	-0.0195	47.33	-0.028	183.5	-0.008
47.37	-0.017	194.3	-0.0204	47.37	-0.029	183.3	-0.0089
47.40	-0.017	194.3	-0.0204	47.40	-0.029	183.1	-0.0098
47.43	-0.017	194.1	-0.0213	47.43	-0.029	182.9	-0.0098
47.47	-0.017	194.1	-0.0213	47.47	-0.028	182.8	-0.0098
47.50	-0.017	194	-0.0204	47.50	-0.027	182.7	-0.0098
47.53	-0.016	194	-0.0195	47.53	-0.026	182.7	-0.0089
47.57	-0.015	194	-0.0186	47.57	-0.026	182.7	-0.008
47.60	-0.014	194	-0.0186	47.60	-0.025	182.6	-0.0062
47.63	-0.013	194	-0.0169	47.63	-0.022	182.7	-0.0036
47.67	-0.013	194	-0.016	47.68	-0.022	182.8	-0.0018
47.70	-0.012	194	-0.0133	47.72	-0.021	182.8	0
47.73	-0.01	194.1	-0.0115	47.75	-0.017	183	0.0036
47.77	-0.009	194.2	-0.0089	47.78	-0.016	183.1	0.0071
47.80	-0.007	194.3	-0.0062	47.82	-0.014	183.4	0.0115
47.83	-0.004	194.5	-0.0062	47.83	-0.009	183.6	0.0115
47.87	-0.004	194.5	-0.0036	47.87	-0.008	183.6	0.0169
47.90	-0.004	194.6	-0.0009	47.90	-0.008	183.7	0.0204
47.93	-0.002	194.8	0.0027	47.93	-0.005	184.1	0.0275
47.97	0.002	195	0.0071	47.97	0	184.4	0.0337

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
48.00	0.003	195.1	0.0107	48.00	0.001	184.7	0.0391
48.03	0.004	195.4	0.0142	48.03	0.004	185.1	0.0444
48.07	0.008	195.7	0.0142	48.07	0.009	185.5	0.0444
48.10	0.009	195.7	0.0186	48.10	0.011	185.5	0.0506
48.13	0.009	195.9	0.0213	48.13	0.011	185.7	0.0559
48.17	0.011	196.1	0.0257	48.17	0.014	186.2	0.0604
48.20	0.014	196.4	0.0311	48.20	0.019	186.6	0.0666
48.23	0.015	196.6	0.0337	48.23	0.02	186.9	0.071
48.27	0.017	196.9	0.0382	48.27	0.022	187.4	0.0763
48.30	0.02	197.1	0.0382	48.30	0.026	187.8	0.0763
48.33	0.021	197.1	0.0417	48.33	0.026	187.8	0.0826
48.37	0.021	197.3	0.0444	48.37	0.028	188.1	0.0879
48.40	0.022	197.6	0.0479	48.40	0.031	188.6	0.0932
48.43	0.024	197.8	0.0506	48.43	0.033	188.9	0.0968
48.47	0.024	198	0.0524	48.47	0.034	189.2	0.1003
48.50	0.026	198.2	0.055	48.50	0.036	189.6	0.1003
48.53	0.027	198.5	0.055	48.53	0.038	189.9	0.1039
48.57	0.027	198.5	0.0568	48.57	0.038	189.9	0.1065
48.60	0.027	198.6	0.0577	48.60	0.038	190.1	0.1083
48.63	0.028	198.8	0.0586	48.63	0.04	190.5	0.111
48.67	0.028	198.9	0.0595	48.67	0.04	190.7	0.1118
48.72	0.029	199.1	0.0604	48.70	0.04	190.9	0.1127
48.75	0.029	199.2	0.0604	48.73	0.04	191	0.1127
48.77	0.029	199.3	0.0604	48.77	0.04	191	0.1127
48.80	0.029	199.4	0.0604	48.80	0.04	191.2	0.1136
48.83	0.028	199.4	0.0604	48.83	0.04	191.4	0.1136
48.87	0.028	199.5	0.0604	48.87	0.04	191.5	0.1127
48.90	0.026	199.5	0.0595	48.90	0.038	191.5	0.111
48.93	0.026	199.5	0.0586	48.93	0.037	191.5	0.1083
48.97	0.026	199.5	0.0568	48.97	0.034	191.5	0.1083
49.00	0.024	199.4	0.0541	49.00	0.032	191.5	0.1056
49.03	0.023	199.4	0.0533	49.03	0.032	191.4	0.103
49.07	0.022	199.4	0.0506	49.07	0.031	191.3	0.1003
49.10	0.019	199.2	0.0506	49.10	0.027	191.2	0.0959
49.13	0.018	199.2	0.0479	49.15	0.025	191	0.0923
49.17	0.018	199.2	0.0453	49.18	0.024	190.9	0.0897
49.20	0.016	199.1	0.0426	49.22	0.02	190.7	0.0852
49.23	0.014	198.8	0.0391	49.23	0.018	190.4	0.0799
49.27	0.012	198.7	0.0364	49.28	0.016	190.2	0.0737
49.30	0.011	198.6	0.0328	49.30	0.01	189.7	0.0737
49.33	0.007	198.3	0.0328	49.33	0.008	189.5	0.0675
49.37	0.006	198.1	0.0284	49.37	0.008	189.5	0.0639
49.40	0.006	198.1	0.0249	49.40	0.006	189.2	0.0568
49.43	0.005	197.9	0.0204	49.43	0.001	188.7	0.0506
49.47	0.001	197.6	0.016	49.47	-0.001	188.4	0.0462
49.50	-0.001	197.4	0.0124	49.50	-0.003	188	0.0408
49.53	-0.002	197.2	0.0089	49.53	-0.008	187.5	0.0408
49.57	-0.005	196.9	0.0089	49.57	-0.01	187.5	0.0337
49.60	-0.006	196.6	0.0044	49.60	-0.01	187.1	0.0302
49.63	-0.006	196.6	0.0009	49.63	-0.012	186.7	0.0231
49.67	-0.007	196.4	-0.0027	49.67	-0.017	186.2	0.0178
49.70	-0.01	196.1	-0.0062	49.70	-0.017	185.9	0.0142
49.73	-0.012	195.9	-0.0089	49.73	-0.019	185.5	0.0089
49.77	-0.012	195.7	-0.0107	49.77	-0.023	185	0.0089
49.80	-0.014	195.4	-0.0107	49.80	-0.024	185	0.0044
49.83	-0.015	195.1	-0.0133	49.83	-0.024	184.7	0.0018
49.87	-0.015	195.1	-0.016	49.87	-0.025	184.4	-0.0018
49.90	-0.015	195	-0.0169	49.90	-0.027	184.1	-0.0044
49.93	-0.016	194.8	-0.0186	49.93	-0.027	183.8	-0.0062
49.97	-0.017	194.6	-0.0195	49.97	-0.028	183.6	-0.008
50.00	-0.017	194.5	-0.0204	50.00	-0.029	183.3	-0.008
50.03	-0.017	194.3	-0.0213	50.03	-0.029	183.3	-0.0098
50.07	-0.017	194.2	-0.0213	50.07	-0.029	183.1	-0.0098

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
50.10	-0.017	194.2	-0.0213	50.10	-0.029	183	-0.0107
50.13	-0.017	194.1	-0.0213	50.13	-0.028	182.9	-0.0098
50.18	-0.016	194	-0.0204	50.17	-0.028	182.8	-0.0098
50.22	-0.016	194	-0.0204	50.20	-0.027	182.7	-0.008
50.23	-0.016	194	-0.0195	50.23	-0.025	182.7	-0.008
50.27	-0.015	194	-0.0178	50.27	-0.024	182.7	-0.0062
50.30	-0.013	194	-0.0169	50.30	-0.024	182.7	-0.0053
50.33	-0.012	194	-0.0151	50.33	-0.022	182.8	-0.0018
50.37	-0.011	194.1	-0.0133	50.37	-0.019	182.9	0.0009
50.40	-0.009	194.2	-0.0133	50.40	-0.018	183	0.0036
50.43	-0.008	194.2	-0.0115	50.43	-0.016	183.1	0.008
50.47	-0.008	194.2	-0.0089	50.47	-0.012	183.4	0.008
50.50	-0.007	194.4	-0.0053	50.50	-0.01	183.4	0.0124
50.53	-0.003	194.6	-0.0018	50.53	-0.01	183.6	0.016
50.57	-0.002	194.7	0.0009	50.58	-0.005	184.1	0.0222
50.60	-0.001	194.9	0.0044	50.62	-0.003	184.1	0.0249
50.63	0.003	195.1	0.0044	50.65	-0.003	184.3	0.0311
50.67	0.004	195.1	0.008	50.67	0	184.6	0.0382
50.70	0.004	195.2	0.0115	50.72	0.006	185.1	0.0444
50.73	0.005	195.6	0.016	50.73	0.007	185.3	0.0479
50.77	0.009	195.8	0.0204	50.77	0.009	185.6	0.0541
50.80	0.01	196	0.024	50.80	0.015	186.1	0.0541
50.83	0.012	196.3	0.0284	50.83	0.016	186.1	0.0595
50.87	0.015	196.5	0.0284	50.87	0.016	186.4	0.0639
50.90	0.016	196.5	0.0328	50.90	0.018	186.8	0.0692
50.93	0.016	196.7	0.0355	50.93	0.023	187.3	0.0754
50.97	0.017	197	0.0391	50.97	0.025	187.6	0.0799
51.00	0.02	197.2	0.0426	51.00	0.027	188	0.0861
51.03	0.021	197.4	0.0453	51.03	0.031	188.5	0.0861
51.07	0.022	197.7	0.0488	51.07	0.032	188.5	0.0905
51.10	0.025	197.9	0.0488	51.10	0.032	188.8	0.095
51.13	0.025	197.9	0.0515	51.13	0.033	189.1	0.0985
51.17	0.025	198.1	0.0533	51.17	0.036	189.5	0.103
51.20	0.026	198.3	0.0559	51.20	0.037	189.8	0.1047
51.23	0.028	198.6	0.0577	51.23	0.038	190.1	0.1083
51.27	0.028	198.7	0.0586	51.27	0.039	190.4	0.1083
51.30	0.028	198.8	0.0586	51.30	0.04	190.4	0.1101
51.33	0.029	199	0.0586	51.33	0.04	190.6	0.1118
51.37	0.029	199	0.0604	51.37	0.04	190.8	0.1127
51.40	0.029	199.1	0.0604	51.40	0.04	191	0.1127
51.43	0.029	199.2	0.0604	51.43	0.04	191.2	0.1127
51.47	0.028	199.3	0.0604	51.47	0.04	191.3	0.1127
51.50	0.028	199.4	0.0604	51.50	0.04	191.4	0.1127
51.53	0.028	199.5	0.0595	51.53	0.039	191.6	0.1127
51.57	0.027	199.5	0.0595	51.57	0.039	191.6	0.1127
51.62	0.026	199.5	0.0568	51.60	0.038	191.6	0.1092
51.65	0.025	199.6	0.0559	51.63	0.035	191.5	0.1065
51.68	0.024	199.5	0.0559	51.67	0.032	191.5	0.1039
51.70	0.022	199.4	0.0541	51.70	0.031	191.4	0.1012
51.73	0.022	199.4	0.0515	51.73	0.028	191.3	0.1012
51.77	0.021	199.4	0.0488	51.77	0.026	191.3	0.0976
51.80	0.019	199.2	0.0462	51.80	0.026	191.2	0.095
51.83	0.017	199.1	0.0444	51.83	0.024	190.9	0.0897
51.87	0.016	199	0.0408	51.87	0.019	190.6	0.0834
51.90	0.013	198.8	0.0408	51.90	0.018	190.5	0.0799
51.93	0.011	198.6	0.0373	51.93	0.016	190.2	0.0737
51.97	0.011	198.6	0.0346	51.97	0.01	189.8	0.0737
52.00	0.01	198.5	0.0311	52.00	0.009	189.8	0.0675
52.03	0.007	198.2	0.0257	52.05	0.006	189.2	0.0595
52.07	0.004	198	0.0222	52.08	0.003	188.9	0.0595
52.10	0.003	197.9	0.0178	52.12	0.001	188.9	0.055
52.13	0.001	197.6	0.0142	52.13	0.001	188.6	0.0488
52.17	-0.002	197.3	0.0142	52.18	-0.001	188.1	0.0426

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
52.20	-0.002	197.3	0.0107	52.20	-0.008	187.6	0.0355
52.23	-0.003	197.1	0.0062	52.23	-0.009	187.3	0.032
52.27	-0.005	196.8	0.0027	52.27	-0.011	186.8	0.0257
52.30	-0.007	196.6	-0.0009	52.30	-0.015	186.3	0.0257
52.33	-0.008	196.3	-0.0044	52.33	-0.016	186.3	0.0195
52.37	-0.01	196	-0.0071	52.37	-0.016	186	0.0151
52.40	-0.012	195.8	-0.0071	52.40	-0.019	185.6	0.0107
52.43	-0.012	195.8	-0.0098	52.43	-0.022	185.2	0.0053
52.47	-0.012	195.6	-0.0115	52.47	-0.023	184.9	0.0027
52.50	-0.014	195.3	-0.0151	52.50	-0.024	184.5	0.0027
52.53	-0.015	195.1	-0.0169	52.53	-0.027	184.2	-0.0009
52.57	-0.016	194.9	-0.0178	52.57	-0.027	184.2	-0.0044
52.60	-0.016	194.7	-0.0195	52.60	-0.027	183.9	-0.0062
52.63	-0.017	194.6	-0.0195	52.63	-0.028	183.6	-0.008
52.67	-0.017	194.6	-0.0204	52.67	-0.029	183.4	-0.0098
52.70	-0.017	194.4	-0.0204	52.70	-0.029	183.2	-0.0098
52.73	-0.017	194.3	-0.0213	52.73	-0.029	183.1	-0.0098
52.77	-0.017	194.2	-0.0213	52.77	-0.029	183.1	-0.0107
52.80	-0.017	194.1	-0.0204	52.80	-0.029	182.9	-0.0107
52.83	-0.017	194.1	-0.0204	52.83	-0.028	182.8	-0.0098
52.87	-0.016	194	-0.0204	52.87	-0.027	182.8	-0.0089
52.90	-0.015	194	-0.0195	52.90	-0.026	182.7	-0.0071
52.93	-0.015	194	-0.0186	52.93	-0.025	182.7	-0.0062
52.97	-0.014	194	-0.0169	52.97	-0.022	182.8	-0.0062
53.00	-0.012	194.1	-0.0151	53.00	-0.02	182.8	-0.0027
53.03	-0.011	194.1	-0.0133	53.03	-0.02	182.9	-0.0009
53.08	-0.01	194.2	-0.0115	53.07	-0.019	183	0.0027
53.12	-0.009	194.2	-0.0098	53.10	-0.015	183.2	0.0062
53.13	-0.007	194.3	-0.0071	53.13	-0.014	183.3	0.0098
53.17	-0.006	194.5	-0.0044	53.17	-0.012	183.5	0.0142
53.20	-0.003	194.6	-0.0044	53.20	-0.007	183.9	0.0142
53.23	-0.001	194.6	-0.0009	53.23	-0.005	184.1	0.0204
53.27	-0.001	194.8	0.0018	53.27	-0.005	184.1	0.0249
53.30	0	194.9	0.0053	53.30	-0.003	184.3	0.032
53.33	0.003	195.2	0.0098	53.33	0.003	184.8	0.0382
53.37	0.005	195.4	0.0133	53.37	0.004	185	0.0426
53.40	0.006	195.6	0.0169	53.40	0.006	185.3	0.0488
53.43	0.01	195.9	0.0169	53.43	0.012	185.8	0.0488
53.47	0.011	195.9	0.0213	53.48	0.014	186.1	0.0595
53.50	0.011	196.1	0.024	53.52	0.015	186.4	0.0621
53.53	0.012	196.3	0.0302	53.55	0.019	186.8	0.0621
53.57	0.016	196.7	0.0346	53.57	0.021	187.2	0.0675
53.60	0.017	196.9	0.0373	53.62	0.021	187.2	0.0728
53.63	0.018	197.1	0.0408	53.63	0.023	187.5	0.079
53.67	0.021	197.4	0.0408	53.67	0.028	188	0.0852
53.70	0.022	197.6	0.0444	53.70	0.029	188.4	0.0888
53.73	0.022	197.6	0.0462	53.73	0.031	188.7	0.0932
53.77	0.023	197.8	0.0488	53.77	0.034	189.1	0.0932
53.80	0.024	198	0.0524	53.80	0.035	189.1	0.0976
53.83	0.026	198.3	0.0541	53.83	0.035	189.4	0.1012
53.87	0.026	198.4	0.0559	53.87	0.036	189.7	0.1047
53.90	0.027	198.6	0.0577	53.90	0.039	190.1	0.1083
53.93	0.028	198.8	0.0577	53.93	0.039	190.3	0.1092
53.97	0.028	198.8	0.0586	53.97	0.039	190.6	0.111
54.00	0.028	198.9	0.0595	54.00	0.04	190.8	0.111
54.03	0.029	199.1	0.0604	54.03	0.04	190.8	0.1118
54.07	0.029	199.2	0.0604	54.07	0.04	191	0.1127
54.10	0.029	199.3	0.0604	54.10	0.04	191.2	0.1127
54.13	0.029	199.4	0.0604	54.13	0.04	191.3	0.1127
54.17	0.028	199.5	0.0604	54.17	0.04	191.5	0.1127
54.20	0.027	199.5	0.0595	54.20	0.04	191.6	0.1127
54.23	0.027	199.6	0.0586	54.23	0.037	191.6	0.1127
54.27	0.026	199.6	0.0568	54.27	0.036	191.6	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
54.30	0.025	199.5	0.0559	54.30	0.036	191.6	0.1083
54.33	0.024	199.6	0.055	54.33	0.034	191.5	0.1047
54.37	0.023	199.5	0.0524	54.37	0.03	191.4	0.1021
54.40	0.02	199.4	0.0524	54.40	0.029	191.4	0.0994
54.43	0.019	199.4	0.0497	54.43	0.027	191.2	0.095
54.47	0.019	199.3	0.0479	54.47	0.023	191	0.095
54.52	0.016	199.1	0.0444	54.50	0.023	191	0.0905
54.55	0.015	199.1	0.0435	54.53	0.022	190.8	0.0852
54.58	0.015	199	0.0399	54.57	0.018	190.5	0.0799
54.60	0.013	198.8	0.0364	54.60	0.014	190.2	0.0746
54.63	0.01	198.6	0.0328	54.63	0.013	190	0.0701
54.67	0.009	198.5	0.0293	54.67	0.01	189.7	0.0639
54.70	0.007	198.2	0.0249	54.70	0.005	189.2	0.0639
54.73	0.004	198	0.0249	54.73	0.002	188.9	0.0568
54.77	0.002	198	0.0204	54.77	0.002	188.9	0.0524
54.80	0.002	197.8	0.0178	54.80	0.001	188.6	0.047
54.83	0.001	197.5	0.0133	54.83	-0.003	188.1	0.0408
54.87	-0.003	197.2	0.0089	54.87	-0.007	187.6	0.0355
54.90	-0.004	197	0.0053	54.90	-0.009	187.3	0.032
54.93	-0.005	196.8	0.0018	54.95	-0.011	186.8	0.0249
54.97	-0.008	196.5	0.0018	54.98	-0.014	186.5	0.0213
55.00	-0.009	196.5	-0.0027	55.00	-0.015	186.2	0.0169
55.03	-0.009	196.3	-0.0044	55.05	-0.017	185.7	0.0115
55.07	-0.01	196	-0.008	55.08	-0.021	185.3	0.0115
55.10	-0.013	195.7	-0.0115	55.10	-0.022	185.3	0.0071
55.13	-0.014	195.5	-0.0133	55.13	-0.022	185	0.0036
55.17	-0.014	195.3	-0.0151	55.17	-0.023	184.6	0
55.20	-0.015	195.1	-0.0151	55.20	-0.026	184.3	-0.0036
55.23	-0.016	194.9	-0.0169	55.23	-0.026	184	-0.0053
55.27	-0.016	194.9	-0.0186	55.27	-0.027	183.7	-0.008
55.30	-0.016	194.7	-0.0195	55.30	-0.029	183.5	-0.008
55.33	-0.017	194.6	-0.0204	55.33	-0.029	183.5	-0.0098
55.37	-0.017	194.4	-0.0204	55.37	-0.029	183.3	-0.0107
55.40	-0.017	194.3	-0.0213	55.40	-0.029	183.1	-0.0107
55.43	-0.017	194.2	-0.0213	55.43	-0.029	182.9	-0.0115
55.47	-0.017	194.1	-0.0213	55.47	-0.028	182.8	-0.0107
55.50	-0.016	194.1	-0.0213	55.50	-0.028	182.7	-0.0098
55.53	-0.016	194.1	-0.0204	55.53	-0.026	182.7	-0.0098
55.57	-0.016	194.1	-0.0195	55.57	-0.025	182.7	-0.0089
55.60	-0.014	194.1	-0.0178	55.60	-0.025	182.6	-0.0071
55.63	-0.014	194	-0.0169	55.63	-0.024	182.8	-0.0053
55.67	-0.013	194.1	-0.0151	55.67	-0.021	182.8	-0.0027
55.70	-0.01	194.2	-0.0151	55.70	-0.02	182.9	0.0009
55.73	-0.01	194.2	-0.0133	55.73	-0.018	183.1	0.0044
55.77	-0.01	194.2	-0.0115	55.77	-0.014	183.3	0.0044
55.80	-0.008	194.4	-0.0089	55.80	-0.014	183.3	0.008
55.83	-0.005	194.5	-0.0053	55.83	-0.013	183.4	0.0124
55.87	-0.004	194.6	-0.0027	55.87	-0.009	183.7	0.0178
55.90	-0.003	194.8	0.0009	55.90	-0.006	183.9	0.0222
55.93	0.001	195	0.0009	55.93	-0.004	184.2	0.0293
55.98	0.002	195.2	0.0071	55.97	0	184.6	0.0293
56.02	0.003	195.3	0.0107	56.00	0.003	184.9	0.0355
56.03	0.006	195.6	0.0107	56.03	0.003	184.9	0.0408
56.07	0.007	195.6	0.0142	56.07	0.005	185.2	0.0462
56.10	0.007	195.8	0.0178	56.10	0.011	185.6	0.0524
56.13	0.009	196	0.0222	56.13	0.012	185.9	0.0568
56.17	0.013	196.3	0.0275	56.17	0.014	186.3	0.063
56.20	0.014	196.5	0.0302	56.20	0.02	186.8	0.063
56.23	0.015	196.7	0.0346	56.23	0.021	186.8	0.0692
56.27	0.018	197	0.0346	56.27	0.021	187.1	0.0737
56.30	0.019	197	0.0382	56.30	0.023	187.6	0.079
56.33	0.019	197.2	0.0408	56.33	0.028	188	0.0852
56.37	0.02	197.4	0.0444	56.37	0.029	188.3	0.0897

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
56.40	0.023	197.7	0.0479	56.42	0.031	188.7	0.0941
56.43	0.024	197.9	0.0497	56.45	0.033	189	0.0959
56.47	0.025	198.1	0.0524	56.48	0.034	189.3	0.0994
56.50	0.026	198.4	0.0524	56.52	0.035	189.7	0.103
56.53	0.027	198.6	0.055	56.53	0.038	190	0.103
56.57	0.027	198.6	0.0559	56.57	0.038	190	0.1065
56.60	0.027	198.7	0.0577	56.60	0.038	190.3	0.1083
56.63	0.028	198.9	0.0586	56.63	0.039	190.5	0.1101
56.67	0.028	199	0.0595	56.67	0.04	190.8	0.1118
56.70	0.029	199.2	0.0604	56.70	0.04	191	0.1127
56.73	0.029	199.3	0.0604	56.73	0.04	191.2	0.1127
56.77	0.029	199.4	0.0604	56.77	0.04	191.3	0.1127
56.80	0.029	199.4	0.0604	56.80	0.04	191.3	0.1127
56.83	0.029	199.5	0.0604	56.83	0.04	191.5	0.1127
56.87	0.028	199.6	0.0586	56.87	0.039	191.6	0.1127
56.90	0.027	199.6	0.0577	56.90	0.039	191.7	0.1118
56.93	0.026	199.6	0.0568	56.93	0.037	191.6	0.1083
56.97	0.025	199.6	0.055	56.97	0.034	191.5	0.1056
57.00	0.023	199.5	0.055	57.00	0.032	191.5	0.1056
57.03	0.022	199.5	0.0533	57.03	0.032	191.5	0.103
57.07	0.022	199.5	0.0515	57.07	0.031	191.4	0.0994
57.10	0.021	199.4	0.0488	57.10	0.027	191.2	0.095
57.13	0.018	199.2	0.0462	57.13	0.024	191.1	0.0923
57.17	0.017	199.2	0.0444	57.17	0.023	190.9	0.0879
57.20	0.016	199	0.0408	57.20	0.019	190.6	0.0879
57.23	0.012	198.8	0.0408	57.23	0.016	190.4	0.0826
57.27	0.011	198.8	0.0364	57.27	0.016	190.4	0.0772
57.30	0.011	198.7	0.0337	57.30	0.014	190.1	0.071
57.33	0.01	198.5	0.0302	57.33	0.009	189.7	0.0648
57.37	0.006	198.3	0.0249	57.37	0.007	189.4	0.0595
57.42	0.005	198.1	0.0222	57.40	0.005	189	0.0541
57.45	0.004	197.9	0.0195	57.43	-0.001	188.6	0.0541
57.48	0.001	197.7	0.0151	57.47	-0.002	188.6	0.0479
57.50	0	197.5	0.0124	57.50	-0.002	188.3	0.0435
57.53	-0.002	197.2	0.008	57.53	-0.005	187.8	0.0382
57.57	-0.005	196.9	0.008	57.57	-0.01	187.4	0.032
57.60	-0.006	196.9	0.0036	57.60	-0.011	187	0.0275
57.63	-0.006	196.7	0.0009	57.63	-0.013	186.5	0.0204
57.67	-0.007	196.5	-0.0027	57.67	-0.018	186.1	0.0204
57.70	-0.01	196.2	-0.0071	57.70	-0.018	186.1	0.0142
57.73	-0.011	196	-0.0089	57.73	-0.018	185.7	0.0107
57.77	-0.012	195.7	-0.0115	57.77	-0.02	185.3	0.0062
57.80	-0.014	195.4	-0.0115	57.80	-0.024	184.9	0.0018
57.83	-0.015	195.4	-0.0142	57.85	-0.024	184.6	-0.0009
57.87	-0.015	195.2	-0.016	57.88	-0.025	184.3	-0.0027
57.90	-0.015	195	-0.0178	57.92	-0.027	184	-0.0053
57.93	-0.016	194.8	-0.0195	57.93	-0.027	183.8	-0.008
57.97	-0.017	194.7	-0.0204	57.98	-0.028	183.5	-0.008
58.00	-0.017	194.5	-0.0213	58.00	-0.029	183.3	-0.0098
58.03	-0.017	194.4	-0.0213	58.03	-0.029	183.3	-0.0107
58.07	-0.017	194.3	-0.0213	58.07	-0.029	183.1	-0.0115
58.10	-0.017	194.3	-0.0213	58.10	-0.029	183	-0.0115
58.13	-0.017	194.2	-0.0213	58.13	-0.028	182.8	-0.0107
58.17	-0.017	194.1	-0.0213	58.17	-0.027	182.8	-0.0098
58.20	-0.016	194.1	-0.0204	58.20	-0.026	182.8	-0.0098
58.23	-0.015	194.1	-0.0195	58.23	-0.025	182.7	-0.0089
58.27	-0.014	194.1	-0.0195	58.27	-0.025	182.7	-0.0071
58.30	-0.013	194.1	-0.0178	58.30	-0.024	182.7	-0.0053
58.33	-0.013	194.1	-0.0169	58.33	-0.022	182.9	-0.0027
58.37	-0.012	194.1	-0.0142	58.37	-0.019	182.9	0
58.40	-0.01	194.2	-0.0124	58.40	-0.018	183	0.0036
58.43	-0.008	194.3	-0.0098	58.43	-0.014	183.3	0.0036
58.47	-0.007	194.4	-0.0071	58.47	-0.012	183.3	0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
58.50	-0.006	194.6	-0.0044	58.50	-0.012	183.4	0.0115
58.53	-0.002	194.7	-0.0044	58.53	-0.01	183.6	0.0169
58.57	-0.002	194.7	-0.0009	58.57	-0.006	184	0.0222
58.60	-0.002	194.8	0.0018	58.60	-0.004	184.2	0.0275
58.63	0	195.1	0.0053	58.63	-0.002	184.5	0.0337
58.67	0.004	195.3	0.0098	58.67	0.004	184.9	0.0337
58.70	0.004	195.5	0.0124	58.70	0.006	184.9	0.0408
58.73	0.006	195.8	0.0169	58.73	0.006	185.2	0.0453
58.77	0.01	196	0.0169	58.77	0.008	185.6	0.0515
58.80	0.011	196	0.0213	58.80	0.014	186	0.0577
58.83	0.011	196.2	0.024	58.83	0.015	186.3	0.0612
58.88	0.015	196.7	0.0293	58.87	0.017	186.7	0.0675
58.92	0.016	196.7	0.032	58.90	0.022	187.2	0.0675
58.93	0.016	196.9	0.0355	58.93	0.023	187.2	0.0737
58.97	0.018	197.1	0.0391	58.97	0.023	187.5	0.0781
59.00	0.021	197.4	0.0426	59.00	0.025	188	0.0843
59.03	0.021	197.6	0.0453	59.03	0.03	188.4	0.0897
59.07	0.022	197.8	0.0479	59.07	0.031	188.7	0.0932
59.10	0.025	198.1	0.0479	59.10	0.032	189.1	0.0976
59.13	0.025	198.1	0.0515	59.13	0.036	189.4	0.0976
59.17	0.025	198.2	0.0533	59.17	0.036	189.4	0.1012
59.20	0.026	198.5	0.055	59.20	0.036	189.7	0.1039
59.23	0.027	198.7	0.0568	59.23	0.038	190.1	0.1074
59.27	0.028	198.8	0.0577	59.27	0.039	190.4	0.1092
59.30	0.028	199	0.0586	59.32	0.04	190.6	0.111
59.33	0.029	199.1	0.0586	59.35	0.04	190.8	0.1118
59.37	0.029	199.1	0.0595	59.37	0.04	191	0.1127
59.40	0.029	199.2	0.0595	59.40	0.04	191.2	0.1127
59.43	0.029	199.3	0.0595	59.43	0.04	191.3	0.1127
59.47	0.029	199.4	0.0595	59.47	0.04	191.5	0.1127
59.50	0.028	199.6	0.0595	59.50	0.039	191.5	0.1127
59.53	0.028	199.6	0.0586	59.53	0.039	191.6	0.1127
59.57	0.026	199.6	0.0586	59.57	0.039	191.7	0.1127
59.60	0.025	199.6	0.0568	59.60	0.037	191.7	0.1101
59.63	0.025	199.6	0.0568	59.63	0.035	191.7	0.1074
59.67	0.025	199.6	0.0541	59.67	0.033	191.6	0.1047
59.70	0.023	199.6	0.0524	59.70	0.03	191.5	0.1047
59.73	0.021	199.5	0.0506	59.73	0.029	191.5	0.1012
59.77	0.02	199.4	0.0479	59.77	0.029	191.4	0.0976
59.80	0.018	199.2	0.0479	59.80	0.026	191.2	0.0932
59.83	0.016	199.1	0.0453	59.83	0.022	190.9	0.0879
59.87	0.016	199.1	0.0417	59.87	0.021	190.8	0.0843
59.90	0.015	199	0.0391	59.90	0.018	190.5	0.079
59.93	0.012	198.8	0.0355	59.93	0.013	190.1	0.079
59.97	0.01	198.7	0.0328	59.97	0.011	190.1	0.0728
60.00	0.009	198.5	0.0284	60.00	0.011	189.9	0.0675
60.03	0.006	198.2	0.0284	60.03	0.009	189.5	0.0612
60.07	0.004	198	0.024	60.07	0.003	189.1	0.055
60.10	0.004	198	0.0204	60.10	0.002	188.8	0.0497
60.13	0.003	197.9	0.0169	60.13	-0.002	188.3	0.0497
60.17	0	197.5	0.0124	60.17	-0.006	188	0.0435
60.20	-0.003	197.3	0.008	60.20	-0.006	188	0.0382
60.23	-0.004	197.1	0.0044	60.23	-0.007	187.6	0.0328
60.27	-0.006	196.8	0.0044	60.27	-0.011	187.1	0.0275
60.30	-0.008	196.5	0.0009	60.30	-0.014	186.6	0.0213
60.35	-0.009	196.3	-0.0044	60.33	-0.015	186.3	0.016
60.38	-0.01	196.1	-0.0044	60.37	-0.019	185.8	0.016
60.40	-0.012	195.9	-0.0071	60.40	-0.02	185.8	0.0107
60.43	-0.012	195.9	-0.0107	60.43	-0.02	185.4	0.0071
60.47	-0.012	195.7	-0.0133	60.47	-0.022	185.1	0.0027
60.50	-0.014	195.4	-0.0151	60.50	-0.025	184.7	-0.0018
60.53	-0.015	195.1	-0.0169	60.53	-0.026	184.4	-0.0036
60.57	-0.016	195	-0.0186	60.57	-0.026	184.1	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
60.60	-0.016	194.8	-0.0195	60.60	-0.028	183.8	-0.0062
60.63	-0.017	194.6	-0.0195	60.63	-0.028	183.8	-0.0089
60.67	-0.017	194.6	-0.0204	60.67	-0.028	183.6	-0.0098
60.70	-0.017	194.5	-0.0213	60.70	-0.028	183.4	-0.0107
60.73	-0.017	194.4	-0.0213	60.75	-0.029	183.2	-0.0107
60.77	-0.017	194.3	-0.0213	60.78	-0.029	183	-0.0115
60.80	-0.017	194.2	-0.0213	60.82	-0.028	182.9	-0.0115
60.83	-0.016	194.1	-0.0204	60.85	-0.028	182.8	-0.0107
60.87	-0.016	194.1	-0.0204	60.88	-0.027	182.8	-0.0098
60.90	-0.015	194.1	-0.0204	60.90	-0.026	182.7	-0.008
60.93	-0.015	194.1	-0.0186	60.93	-0.024	182.8	-0.008
60.97	-0.014	194.1	-0.0178	60.97	-0.022	182.8	-0.0062
61.00	-0.012	194.1	-0.016	61.00	-0.022	182.8	-0.0036
61.03	-0.011	194.2	-0.0142	61.03	-0.021	182.9	-0.0009
61.07	-0.01	194.3	-0.0115	61.07	-0.017	183.1	0.0027
61.10	-0.007	194.4	-0.0115	61.10	-0.016	183.2	0.0062
61.13	-0.007	194.4	-0.0089	61.13	-0.014	183.5	0.0107
61.17	-0.007	194.4	-0.0071	61.17	-0.009	183.7	0.0107
61.20	-0.005	194.6	-0.0036	61.20	-0.009	183.7	0.0151
61.23	-0.002	194.8	0	61.23	-0.008	183.9	0.0204
61.27	-0.001	194.9	0.0027	61.27	-0.004	184.2	0.0275
61.30	0.001	195.1	0.0071	61.30	0	184.5	0.0328
61.33	0.005	195.4	0.0071	61.33	0.001	184.8	0.0391
61.37	0.005	195.4	0.0115	61.37	0.006	185.2	0.0391
61.40	0.005	195.6	0.0142	61.40	0.009	185.6	0.0453
61.43	0.007	195.8	0.0186	61.43	0.009	185.6	0.0497
61.47	0.011	196.1	0.0231	61.47	0.011	185.8	0.0559
61.50	0.012	196.3	0.0249	61.50	0.015	186.3	0.0612
61.53	0.013	196.5	0.0302	61.53	0.018	186.7	0.0666
61.57	0.017	196.8	0.0302	61.57	0.02	187.1	0.0719
61.60	0.018	196.8	0.0346	61.60	0.024	187.5	0.0719
61.63	0.018	197	0.0382	61.63	0.026	187.9	0.0781
61.67	0.019	197.3	0.0417	61.67	0.026	187.9	0.0826
61.70	0.022	197.6	0.0453	61.70	0.028	188.2	0.0879
61.73	0.023	197.8	0.047	61.73	0.031	188.7	0.0932
61.78	0.024	198	0.0497	61.77	0.033	189	0.0968
61.82	0.025	198.2	0.0515	61.80	0.034	189.3	0.1012
61.85	0.026	198.4	0.0533	61.83	0.037	189.7	0.1012
61.87	0.027	198.5	0.0559	61.87	0.038	190	0.1047
61.90	0.028	198.8	0.0559	61.90	0.038	190	0.1065
61.93	0.028	198.9	0.0577	61.93	0.038	190.3	0.1092
61.97	0.028	198.9	0.0577	61.97	0.039	190.6	0.111
62.00	0.028	199.1	0.0595	62.00	0.04	190.8	0.1118
62.03	0.029	199.2	0.0595	62.03	0.04	191	0.1127
62.07	0.029	199.3	0.0595	62.07	0.04	191.2	0.1127
62.10	0.029	199.4	0.0604	62.10	0.04	191.3	0.1127
62.13	0.029	199.5	0.0604	62.13	0.04	191.3	0.1127
62.17	0.028	199.6	0.0604	62.17	0.04	191.5	0.1127
62.20	0.028	199.6	0.0595	62.22	0.039	191.7	0.1127
62.23	0.027	199.7	0.0577	62.25	0.039	191.7	0.1127
62.27	0.026	199.6	0.0559	62.28	0.038	191.8	0.1101
62.30	0.025	199.6	0.055	62.32	0.035	191.7	0.1074
62.33	0.024	199.6	0.0533	62.33	0.033	191.6	0.1047
62.37	0.022	199.5	0.0515	62.37	0.031	191.6	0.1012
62.40	0.02	199.4	0.0515	62.40	0.028	191.4	0.1012
62.43	0.02	199.4	0.0488	62.43	0.025	191.2	0.0976
62.47	0.02	199.4	0.047	62.47	0.025	191.2	0.0941
62.50	0.018	199.2	0.0435	62.50	0.024	191.2	0.0905
62.53	0.015	199.1	0.0408	62.53	0.021	190.8	0.0852
62.57	0.014	199	0.0382	62.57	0.017	190.6	0.0799
62.60	0.012	198.8	0.0337	62.60	0.015	190.4	0.0746
62.63	0.009	198.6	0.0337	62.63	0.011	189.9	0.0746
62.67	0.008	198.6	0.0302	62.67	0.008	189.6	0.0683

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
62.70	0.008	198.4	0.0275	62.70	0.008	189.6	0.0621
62.73	0.006	198.2	0.0231	62.73	0.006	189.3	0.0568
62.77	0.002	197.9	0.0178	62.77	0.001	188.9	0.0506
62.80	0.002	197.8	0.0151	62.80	-0.001	188.5	0.0453
62.83	0	197.5	0.0107	62.83	-0.003	188.1	0.0399
62.87	-0.004	197.2	0.0107	62.87	-0.008	187.6	0.0399
62.90	-0.004	197.2	0.0071	62.90	-0.01	187.6	0.0337
62.93	-0.004	197	0.0036	62.93	-0.01	187.3	0.0293
62.97	-0.006	196.7	-0.0009	62.97	-0.012	186.8	0.0222
63.00	-0.009	196.4	-0.0044	63.00	-0.016	186.3	0.0169
63.03	-0.01	196.2	-0.0071	63.03	-0.017	186	0.0124
63.07	-0.011	196	-0.0098	63.07	-0.019	185.6	0.0071
63.10	-0.013	195.7	-0.0098	63.10	-0.023	185.1	0.0071
63.13	-0.014	195.7	-0.0124	63.13	-0.024	185.1	0.0027
63.17	-0.014	195.5	-0.0142	63.17	-0.024	184.8	0
63.20	-0.014	195.2	-0.0169	63.20	-0.025	184.5	-0.0027
63.25	-0.016	195	-0.0186	63.23	-0.027	184.2	-0.0062
63.28	-0.016	194.9	-0.0195	63.27	-0.027	183.9	-0.008
63.30	-0.016	194.7	-0.0204	63.30	-0.028	183.7	-0.0098
63.33	-0.017	194.5	-0.0213	63.33	-0.029	183.4	-0.0098
63.37	-0.017	194.4	-0.0213	63.37	-0.029	183.4	-0.0107
63.40	-0.017	194.3	-0.0222	63.40	-0.029	183.3	-0.0115
63.43	-0.017	194.2	-0.0222	63.43	-0.029	183.1	-0.0115
63.47	-0.017	194.2	-0.0213	63.47	-0.028	183	-0.0115
63.50	-0.017	194.2	-0.0213	63.50	-0.027	182.9	-0.0107
63.53	-0.016	194.1	-0.0204	63.53	-0.027	182.8	-0.0098
63.57	-0.015	194.1	-0.0195	63.57	-0.025	182.8	-0.0098
63.60	-0.014	194.1	-0.0186	63.60	-0.024	182.8	-0.008
63.63	-0.014	194.1	-0.0169	63.63	-0.024	182.8	-0.0062
63.67	-0.012	194.1	-0.0169	63.68	-0.021	182.9	-0.0036
63.70	-0.011	194.1	-0.0151	63.72	-0.019	182.9	-0.0027
63.73	-0.011	194.2	-0.0142	63.75	-0.019	183	0.0009
63.77	-0.01	194.3	-0.0107	63.78	-0.017	183.2	0.0044
63.80	-0.007	194.4	-0.008	63.80	-0.013	183.4	0.0089
63.83	-0.006	194.5	-0.0053	63.83	-0.012	183.6	0.0124
63.87	-0.004	194.7	-0.0018	63.87	-0.01	183.9	0.0178
63.90	-0.001	194.9	-0.0018	63.90	-0.004	184.2	0.0178
63.93	0	195	0.0009	63.93	-0.003	184.2	0.0249
63.97	0	195	0.0036	63.97	-0.003	184.4	0.0302
64.00	0.002	195.2	0.0089	64.00	0	184.8	0.0364
64.03	0.005	195.5	0.0124	64.03	0.005	185.1	0.0426
64.07	0.007	195.7	0.016	64.07	0.007	185.4	0.0488
64.10	0.008	195.9	0.0195	64.10	0.011	185.9	0.0488
64.13	0.011	196.2	0.0195	64.13	0.015	186.2	0.0541
64.17	0.013	196.4	0.024	64.17	0.015	186.2	0.0595
64.20	0.013	196.4	0.0284	64.20	0.016	186.5	0.0648
64.23	0.014	196.6	0.0328	64.23	0.02	187.1	0.071
64.27	0.017	197	0.0364	64.27	0.023	187.4	0.0754
64.30	0.019	197.2	0.0399	64.30	0.024	187.8	0.0817
64.33	0.02	197.4	0.0426	64.33	0.028	188.2	0.0817
64.37	0.021	197.6	0.0426	64.37	0.031	188.6	0.0879
64.40	0.024	197.9	0.0453	64.40	0.031	188.6	0.0914
64.43	0.024	197.9	0.0488	64.43	0.031	189	0.0959
64.47	0.024	198.1	0.0515	64.47	0.034	189.4	0.0994
64.50	0.025	198.3	0.0533	64.50	0.036	189.7	0.103
64.53	0.027	198.5	0.055	64.53	0.037	190	0.1065
64.57	0.027	198.7	0.0559	64.57	0.039	190.3	0.1065
64.60	0.028	198.8	0.0559	64.60	0.039	190.3	0.1092
64.63	0.028	199	0.0577	64.63	0.039	190.5	0.1101
64.68	0.029	199.1	0.0595	64.67	0.04	190.8	0.1118
64.70	0.029	199.3	0.0595	64.70	0.04	191	0.1127
64.75	0.029	199.4	0.0595	64.73	0.04	191.2	0.1136
64.77	0.028	199.4	0.0595	64.77	0.04	191.3	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
64.80	0.028	199.5	0.0595	64.80	0.04	191.5	0.1136
64.83	0.028	199.6	0.0595	64.83	0.04	191.5	0.1136
64.87	0.028	199.6	0.0595	64.87	0.04	191.6	0.1136
64.90	0.027	199.7	0.0577	64.90	0.039	191.7	0.1118
64.93	0.026	199.7	0.0559	64.93	0.036	191.7	0.1101
64.97	0.025	199.7	0.0559	64.97	0.035	191.7	0.1065
65.00	0.023	199.7	0.055	65.00	0.033	191.6	0.1039
65.03	0.023	199.6	0.0533	65.03	0.03	191.5	0.1039
65.07	0.022	199.6	0.0506	65.07	0.03	191.5	0.1012
65.10	0.02	199.4	0.0479	65.12	0.026	191.3	0.0968
65.13	0.019	199.4	0.0462	65.15	0.024	191.2	0.095
65.17	0.017	199.2	0.0426	65.18	0.024	191.2	0.0923
65.20	0.014	199.1	0.0426	65.22	0.022	191	0.0861
65.23	0.013	199.1	0.0391	65.25	0.018	190.6	0.0799
65.27	0.013	198.9	0.0364	65.27	0.014	190.3	0.0746
65.30	0.011	198.7	0.0328	65.30	0.013	190.1	0.0701
65.33	0.008	198.5	0.0293	65.33	0.009	189.6	0.0701
65.37	0.007	198.4	0.0249	65.37	0.005	189.3	0.063
65.40	0.005	198.1	0.0204	65.40	0.005	189.3	0.0577
65.43	0.001	197.9	0.0204	65.43	0.004	189	0.0524
65.47	0.001	197.9	0.016	65.47	-0.001	188.5	0.0453
65.50	0.001	197.7	0.0133	65.50	-0.004	188.2	0.0408
65.53	-0.001	197.4	0.0089	65.53	-0.006	187.8	0.0346
65.57	-0.005	197.1	0.0044	65.57	-0.011	187.3	0.0346
65.60	-0.005	196.9	0.0018	65.60	-0.012	187.3	0.0284
65.63	-0.007	196.7	-0.0018	65.63	-0.012	186.9	0.0231
65.67	-0.01	196.4	-0.0018	65.67	-0.014	186.5	0.0178
65.70	-0.01	196.4	-0.0062	65.70	-0.019	186	0.0124
65.73	-0.01	196.1	-0.008	65.73	-0.019	185.7	0.0089
65.77	-0.011	195.9	-0.0107	65.77	-0.021	185.3	0.0044
65.80	-0.014	195.6	-0.0133	65.80	-0.024	184.9	0.0044
65.83	-0.014	195.4	-0.0151	65.83	-0.025	184.9	0
65.87	-0.015	195.2	-0.0169	65.87	-0.025	184.6	-0.0027
65.90	-0.016	195	-0.0169	65.90	-0.026	184.3	-0.0053
65.93	-0.017	195	-0.0195	65.93	-0.028	184	-0.008
65.97	-0.017	194.8	-0.0204	65.97	-0.028	183.7	-0.0098
66.00	-0.017	194.7	-0.0204	66.00	-0.028	183.5	-0.0107
66.03	-0.017	194.5	-0.0213	66.03	-0.029	183.3	-0.0107
66.07	-0.017	194.4	-0.0213	66.07	-0.029	183.3	-0.0115
66.10	-0.017	194.3	-0.0222	66.10	-0.029	183.1	-0.0115
66.15	-0.017	194.2	-0.0222	66.13	-0.028	183	-0.0124
66.18	-0.017	194.1	-0.0213	66.17	-0.027	182.9	-0.0115
66.20	-0.016	194.1	-0.0204	66.20	-0.027	182.8	-0.0098
66.23	-0.015	194.1	-0.0204	66.23	-0.026	182.9	-0.0098
66.27	-0.014	194.1	-0.0195	66.27	-0.024	182.9	-0.008
66.30	-0.014	194.1	-0.0178	66.30	-0.024	182.9	-0.0062
66.33	-0.013	194.1	-0.0169	66.33	-0.022	182.9	-0.0036
66.37	-0.012	194.2	-0.0151	66.37	-0.02	183.1	-0.0009
66.40	-0.01	194.3	-0.0124	66.40	-0.017	183.1	0.0027
66.43	-0.009	194.3	-0.0107	66.43	-0.016	183.3	0.0062
66.47	-0.007	194.5	-0.0071	66.47	-0.012	183.5	0.0062
66.50	-0.004	194.6	-0.0071	66.50	-0.01	183.5	0.0107
66.53	-0.003	194.6	-0.0044	66.53	-0.01	183.7	0.0151
66.57	-0.003	194.7	-0.0018	66.58	-0.005	184.2	0.0204
66.60	-0.001	194.9	0.0027	66.62	-0.002	184.4	0.024
66.63	0.001	195.1	0.0053	66.65	-0.002	184.4	0.0293
66.67	0.002	195.3	0.0089	66.68	0	184.7	0.0355
66.70	0.005	195.6	0.0133	66.72	0.005	185.2	0.0426
66.73	0.008	195.8	0.0133	66.73	0.007	185.4	0.0479
66.77	0.009	195.8	0.0178	66.77	0.009	185.8	0.0533
66.80	0.009	196	0.0204	66.80	0.015	186.3	0.0533
66.83	0.011	196.3	0.0249	66.83	0.016	186.3	0.0595
66.87	0.014	196.6	0.0302	66.87	0.016	186.6	0.0639

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
66.90	0.015	196.8	0.0328	66.90	0.018	187	0.0701
66.93	0.017	197.1	0.0373	66.93	0.023	187.5	0.0763
66.97	0.02	197.3	0.0373	66.97	0.024	187.8	0.0808
67.00	0.02	197.3	0.0408	67.00	0.026	188.2	0.0861
67.03	0.02	197.5	0.0435	67.03	0.031	188.6	0.0861
67.07	0.022	197.7	0.047	67.07	0.032	188.6	0.0914
67.10	0.024	198	0.0497	67.10	0.032	188.9	0.095
67.13	0.025	198.2	0.0515	67.13	0.033	189.3	0.0994
67.17	0.025	198.4	0.0533	67.17	0.036	189.7	0.103
67.20	0.027	198.6	0.0533	67.20	0.037	190	0.1056
67.23	0.028	198.6	0.055	67.23	0.038	190.3	0.1083
67.27	0.028	198.8	0.0568	67.27	0.039	190.6	0.1083
67.30	0.028	198.9	0.0577	67.30	0.04	190.6	0.111
67.33	0.029	199.1	0.0586	67.33	0.04	190.8	0.1118
67.37	0.029	199.2	0.0595	67.37	0.04	191	0.1127
67.40	0.029	199.3	0.0595	67.40	0.04	191.2	0.1136
67.43	0.029	199.5	0.0595	67.43	0.04	191.4	0.1136
67.47	0.029	199.5	0.0595	67.47	0.04	191.5	0.1136
67.50	0.029	199.6	0.0595	67.50	0.04	191.6	0.1136
67.53	0.028	199.6	0.0586	67.53	0.039	191.6	0.1136
67.57	0.027	199.7	0.0577	67.57	0.039	191.7	0.1127
67.62	0.026	199.7	0.0568	67.60	0.037	191.7	0.1092
67.65	0.026	199.7	0.0559	67.63	0.034	191.7	0.1074
67.67	0.024	199.7	0.0533	67.67	0.033	191.6	0.1047
67.70	0.022	199.6	0.0524	67.70	0.031	191.6	0.103
67.73	0.022	199.6	0.0497	67.73	0.028	191.4	0.103
67.77	0.019	199.4	0.0497	67.77	0.026	191.4	0.0985
67.80	0.017	199.4	0.047	67.80	0.026	191.3	0.0959
67.83	0.017	199.3	0.0444	67.83	0.024	191.2	0.0905
67.87	0.016	199.2	0.0417	67.87	0.019	190.8	0.0852
67.90	0.013	199	0.0382	67.90	0.018	190.6	0.0817
67.93	0.012	198.9	0.0355	67.93	0.016	190.3	0.0754
67.97	0.011	198.7	0.0311	67.97	0.01	189.9	0.0754
68.00	0.007	198.5	0.0311	68.02	0.009	189.7	0.0648
68.03	0.006	198.5	0.0275	68.05	0.007	189.4	0.0604
68.07	0.006	198.3	0.0231	68.08	0.002	189	0.0604
68.10	0.004	198.1	0.0186	68.12	0	189	0.0541
68.13	0.001	197.8	0.0151	68.15	0	188.7	0.0488
68.17	0	197.6	0.0115	68.17	-0.002	188.3	0.0426
68.20	-0.002	197.4	0.0071	68.20	-0.007	187.8	0.0364
68.23	-0.005	197	0.0071	68.23	-0.008	187.5	0.032
68.27	-0.006	197	0.0036	68.27	-0.011	187	0.0249
68.30	-0.006	196.8	0	68.30	-0.016	186.5	0.0249
68.33	-0.007	196.6	-0.0036	68.33	-0.016	186.5	0.0186
68.37	-0.01	196.3	-0.0071	68.37	-0.016	186.2	0.0151
68.40	-0.011	196.1	-0.0098	68.40	-0.019	185.7	0.0098
68.43	-0.012	195.9	-0.0124	68.43	-0.022	185.3	0.0044
68.47	-0.014	195.6	-0.0124	68.47	-0.023	185	0.0018
68.50	-0.015	195.3	-0.0142	68.50	-0.024	184.6	-0.0027
68.53	-0.015	195.3	-0.0169	68.53	-0.027	184.3	-0.0027
68.57	-0.015	195.1	-0.0186	68.57	-0.027	184.3	-0.0053
68.60	-0.016	194.9	-0.0195	68.60	-0.027	184	-0.0071
68.63	-0.017	194.8	-0.0204	68.63	-0.028	183.8	-0.0089
68.67	-0.017	194.6	-0.0213	68.67	-0.029	183.5	-0.0107
68.70	-0.017	194.5	-0.0213	68.70	-0.029	183.3	-0.0107
68.73	-0.017	194.4	-0.0213	68.73	-0.029	183.2	-0.0115
68.77	-0.017	194.4	-0.0222	68.77	-0.028	183	-0.0115
68.80	-0.017	194.3	-0.0222	68.80	-0.028	183	-0.0115
68.83	-0.017	194.2	-0.0213	68.83	-0.028	182.9	-0.0115
68.87	-0.016	194.2	-0.0204	68.87	-0.027	182.9	-0.0098
68.90	-0.015	194.1	-0.0195	68.90	-0.025	182.9	-0.0089
68.93	-0.014	194.2	-0.0186	68.93	-0.025	182.8	-0.0071
68.97	-0.013	194.2	-0.0186	68.97	-0.022	182.9	-0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
69.00	-0.012	194.2	-0.0169	69.00	-0.021	183	-0.0044
69.05	-0.011	194.2	-0.0142	69.03	-0.021	183	-0.0018
69.08	-0.009	194.3	-0.0142	69.07	-0.019	183.1	0.0018
69.10	-0.008	194.3	-0.0124	69.10	-0.015	183.3	0.0053
69.13	-0.008	194.4	-0.0098	69.13	-0.013	183.4	0.0098
69.17	-0.007	194.5	-0.0062	69.17	-0.012	183.6	0.0142
69.20	-0.004	194.7	-0.0036	69.20	-0.007	184	0.0142
69.23	-0.002	194.8	0	69.23	-0.006	184	0.0195
69.27	-0.001	195	0.0036	69.27	-0.006	184.2	0.024
69.30	0.002	195.2	0.0036	69.30	-0.003	184.5	0.032
69.33	0.004	195.2	0.0071	69.33	0.003	184.9	0.0382
69.37	0.004	195.4	0.0107	69.37	0.004	185.2	0.0435
69.40	0.005	195.7	0.0151	69.40	0.007	185.6	0.0497
69.43	0.009	196	0.0186	69.43	0.012	186	0.0497
69.47	0.01	196.1	0.0222	69.48	0.013	186.3	0.0586
69.50	0.012	196.4	0.0275	69.52	0.015	186.6	0.063
69.53	0.015	196.7	0.0275	69.55	0.02	187	0.063
69.57	0.016	196.7	0.032	69.58	0.021	187	0.0692
69.60	0.016	196.9	0.0346	69.62	0.021	187.4	0.0737
69.63	0.017	197.1	0.0382	69.63	0.023	187.8	0.0799
69.67	0.021	197.4	0.0417	69.67	0.028	188.2	0.0861
69.70	0.021	197.6	0.0444	69.70	0.029	188.6	0.0914
69.73	0.022	197.9	0.0479	69.73	0.031	189	0.0959
69.77	0.025	198.1	0.0479	69.77	0.034	189.4	0.0959
69.80	0.025	198.1	0.0506	69.80	0.034	189.4	0.1003
69.83	0.025	198.3	0.0524	69.83	0.035	189.6	0.103
69.87	0.026	198.5	0.0541	69.87	0.037	190	0.1056
69.90	0.027	198.7	0.0559	69.90	0.038	190.3	0.1083
69.93	0.028	198.9	0.0577	69.93	0.039	190.5	0.111
69.97	0.028	199	0.0586	69.97	0.039	190.8	0.111
70.00	0.029	199.2	0.0586	70.00	0.04	191	0.1118
70.03	0.029	199.2	0.0595	70.03	0.04	191	0.1136
70.07	0.029	199.3	0.0595	70.07	0.04	191.2	0.1136
70.10	0.029	199.4	0.0595	70.10	0.04	191.4	0.1145
70.13	0.029	199.5	0.0595	70.13	0.04	191.5	0.1145
70.17	0.028	199.6	0.0595	70.17	0.04	191.6	0.1145
70.20	0.028	199.7	0.0586	70.20	0.039	191.8	0.1145
70.23	0.026	199.7	0.0586	70.23	0.038	191.8	0.1136
70.27	0.025	199.7	0.0568	70.27	0.038	191.8	0.1118
70.30	0.025	199.7	0.0559	70.30	0.036	191.8	0.1083
70.33	0.025	199.7	0.0541	70.33	0.033	191.7	0.1056
70.37	0.022	199.6	0.0515	70.37	0.031	191.6	0.103
70.40	0.021	199.6	0.0506	70.40	0.03	191.5	0.0994
70.43	0.02	199.5	0.0479	70.43	0.025	191.3	0.0994
70.47	0.018	199.3	0.0479	70.47	0.024	191.3	0.095
70.52	0.016	199.2	0.0426	70.50	0.024	191.2	0.0914
70.55	0.016	199.2	0.0399	70.53	0.022	191	0.0861
70.57	0.013	199	0.0399	70.57	0.017	190.6	0.0808
70.60	0.011	199	0.0364	70.60	0.015	190.4	0.0763
70.63	0.011	198.8	0.0337	70.63	0.013	190.1	0.0692
70.67	0.01	198.6	0.0302	70.67	0.007	189.7	0.0692
70.70	0.006	198.4	0.0249	70.70	0.006	189.7	0.063
70.73	0.005	198.2	0.0213	70.73	0.006	189.4	0.0586
70.77	0.004	198	0.0178	70.77	0.004	189.1	0.0524
70.80	0	197.7	0.0178	70.80	-0.002	188.6	0.0462
70.83	-0.001	197.7	0.0133	70.83	-0.004	188.2	0.0417
70.87	-0.001	197.5	0.0098	70.87	-0.006	187.8	0.0355
70.90	-0.003	197.2	0.0053	70.92	-0.011	187.3	0.0284
70.93	-0.006	196.9	0.0018	70.95	-0.011	187.1	0.0257
70.97	-0.007	196.7	-0.0018	70.98	-0.013	186.6	0.0204
71.00	-0.008	196.5	-0.0053	71.02	-0.017	186.2	0.0204
71.03	-0.01	196.2	-0.0053	71.05	-0.018	186.2	0.0142
71.07	-0.012	195.9	-0.0089	71.07	-0.018	185.8	0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
71.10	-0.012	195.9	-0.0107	71.10	-0.02	185.4	0.0053
71.13	-0.012	195.8	-0.0133	71.13	-0.024	185	0.0009
71.17	-0.014	195.5	-0.0151	71.17	-0.024	184.7	-0.0009
71.20	-0.015	195.2	-0.0169	71.20	-0.025	184.4	-0.0044
71.23	-0.015	195.1	-0.0186	71.23	-0.027	184.1	-0.0044
71.27	-0.016	194.9	-0.0186	71.27	-0.028	184.1	-0.0071
71.30	-0.017	194.7	-0.0204	71.30	-0.028	183.8	-0.0089
71.33	-0.017	194.7	-0.0213	71.33	-0.028	183.6	-0.0098
71.37	-0.017	194.6	-0.0213	71.37	-0.029	183.4	-0.0115
71.40	-0.017	194.4	-0.0222	71.40	-0.029	183.2	-0.0115
71.43	-0.017	194.4	-0.0222	71.43	-0.029	183.1	-0.0124
71.47	-0.017	194.3	-0.0222	71.47	-0.028	183	-0.0124
71.50	-0.017	194.2	-0.0213	71.50	-0.027	183	-0.0115
71.53	-0.015	194.2	-0.0213	71.53	-0.027	182.9	-0.0107
71.57	-0.015	194.2	-0.0204	71.57	-0.026	182.8	-0.0089
71.60	-0.015	194.1	-0.0195	71.60	-0.024	182.9	-0.0071
71.63	-0.014	194.2	-0.0186	71.63	-0.023	182.9	-0.0053
71.67	-0.012	194.2	-0.016	71.67	-0.022	183	-0.0027
71.70	-0.011	194.2	-0.0151	71.70	-0.018	183.1	-0.0027
71.73	-0.01	194.3	-0.0124	71.73	-0.017	183.1	0.0009
71.77	-0.008	194.4	-0.0124	71.77	-0.017	183.2	0.0036
71.80	-0.007	194.4	-0.0098	71.80	-0.015	183.4	0.008
71.83	-0.007	194.5	-0.0071	71.83	-0.01	183.7	0.0133
71.87	-0.005	194.7	-0.0036	71.87	-0.009	183.8	0.0178
71.90	-0.001	194.9	0	71.90	-0.007	184.2	0.0231
71.95	-0.001	195	0.0027	71.93	-0.001	184.5	0.0231
71.98	0	195.2	0.0044	71.97	0	184.5	0.0302
72.02	0.003	195.4	0.0089	72.00	0	184.7	0.0355
72.03	0.004	195.6	0.0124	72.03	0.002	185.1	0.0408
72.07	0.006	195.9	0.016	72.07	0.008	185.5	0.0488
72.10	0.01	196.1	0.016	72.10	0.01	185.8	0.0533
72.13	0.011	196.1	0.0213	72.13	0.012	186.2	0.0586
72.17	0.011	196.3	0.024	72.17	0.017	186.6	0.0586
72.20	0.012	196.5	0.0293	72.20	0.019	186.6	0.0648
72.23	0.016	196.8	0.0328	72.23	0.019	187	0.0692
72.27	0.017	197	0.0364	72.27	0.021	187.5	0.0754
72.30	0.018	197.3	0.0399	72.30	0.025	187.9	0.0808
72.33	0.021	197.5	0.0399	72.33	0.026	188.2	0.0861
72.37	0.022	197.5	0.0435	72.38	0.03	188.7	0.0923
72.40	0.022	197.7	0.0453	72.42	0.032	189	0.095
72.43	0.023	198	0.0488	72.45	0.033	189.3	0.0985
72.47	0.025	198.2	0.0515	72.48	0.035	189.7	0.0985
72.50	0.026	198.4	0.0533	72.52	0.037	190	0.1021
72.53	0.027	198.6	0.055	72.53	0.037	190	0.1056
72.57	0.027	198.8	0.055	72.57	0.037	190.2	0.1083
72.60	0.028	198.8	0.0568	72.60	0.039	190.6	0.111
72.63	0.028	198.9	0.0577	72.63	0.04	190.8	0.1127
72.67	0.028	199.1	0.0586	72.67	0.04	191	0.1136
72.70	0.029	199.2	0.0595	72.70	0.04	191.2	0.1136
72.73	0.029	199.3	0.0595	72.73	0.04	191.2	0.1136
72.77	0.029	199.5	0.0595	72.77	0.04	191.4	0.1145
72.80	0.029	199.6	0.0595	72.80	0.04	191.5	0.1145
72.83	0.028	199.7	0.0595	72.83	0.04	191.7	0.1145
72.87	0.028	199.7	0.0595	72.87	0.039	191.8	0.1145
72.90	0.027	199.7	0.0577	72.90	0.039	191.9	0.1127
72.93	0.026	199.7	0.0559	72.93	0.035	191.8	0.1127
72.97	0.025	199.7	0.055	72.97	0.034	191.8	0.1092
73.00	0.024	199.7	0.0533	73.00	0.034	191.8	0.1074
73.03	0.022	199.6	0.0533	73.03	0.033	191.7	0.1039
73.07	0.021	199.5	0.0515	73.07	0.029	191.6	0.1012
73.10	0.021	199.5	0.0497	73.10	0.027	191.5	0.0976
73.13	0.02	199.4	0.047	73.13	0.025	191.3	0.0923
73.17	0.017	199.3	0.0435	73.17	0.021	191	0.0923

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
73.20	0.015	199.2	0.0408	73.20	0.019	191	0.0879
73.23	0.014	199	0.0373	73.23	0.019	190.8	0.0834
73.27	0.011	198.8	0.0373	73.27	0.017	190.5	0.0772
73.30	0.009	198.6	0.0328	73.30	0.011	190.2	0.071
73.33	0.009	198.6	0.0302	73.33	0.01	189.9	0.0666
73.37	0.008	198.5	0.0257	73.37	0.007	189.5	0.0595
73.42	0.004	198.1	0.0222	73.40	0.002	189.1	0.0595
73.45	0.004	198.1	0.0195	73.43	0	189.1	0.0533
73.47	0.002	197.9	0.016	73.47	0	188.8	0.0488
73.50	0	197.6	0.0115	73.50	-0.002	188.3	0.0426
73.53	-0.003	197.3	0.008	73.53	-0.007	187.9	0.0364
73.57	-0.004	197.1	0.0044	73.57	-0.008	187.6	0.0311
73.60	-0.006	196.8	0	73.60	-0.011	187.1	0.0249
73.63	-0.008	196.6	0	73.63	-0.015	186.6	0.0249
73.67	-0.008	196.6	-0.0027	73.67	-0.015	186.6	0.0186
73.70	-0.009	196.4	-0.0062	73.70	-0.016	186.2	0.0133
73.73	-0.011	196.1	-0.0098	73.73	-0.019	185.7	0.0089
73.77	-0.013	195.8	-0.0124	73.77	-0.022	185.4	0.0044
73.80	-0.013	195.6	-0.0142	73.80	-0.023	185.1	0.0009
73.83	-0.014	195.4	-0.016	73.85	-0.025	184.7	-0.0027
73.87	-0.016	195.1	-0.016	73.88	-0.026	184.4	-0.0044
73.90	-0.016	195.1	-0.0186	73.92	-0.026	184.1	-0.0071
73.93	-0.016	195	-0.0195	73.93	-0.028	183.8	-0.0071
73.97	-0.016	194.8	-0.0204	73.97	-0.029	183.6	-0.0089
74.00	-0.017	194.7	-0.0213	74.00	-0.029	183.6	-0.0107
74.03	-0.017	194.5	-0.0222	74.03	-0.029	183.4	-0.0115
74.07	-0.017	194.4	-0.0222	74.07	-0.029	183.2	-0.0124
74.10	-0.017	194.3	-0.0222	74.10	-0.029	183.1	-0.0124
74.13	-0.017	194.3	-0.0222	74.13	-0.028	183	-0.0115
74.17	-0.017	194.2	-0.0222	74.17	-0.027	182.9	-0.0115
74.20	-0.016	194.2	-0.0213	74.20	-0.026	182.9	-0.0107
74.23	-0.015	194.2	-0.0204	74.23	-0.026	182.8	-0.0098
74.27	-0.014	194.2	-0.0186	74.27	-0.025	182.9	-0.008
74.30	-0.014	194.2	-0.0178	74.30	-0.023	182.9	-0.0053
74.33	-0.012	194.2	-0.0178	74.33	-0.021	183	-0.0027
74.37	-0.011	194.2	-0.016	74.37	-0.02	183.1	0.0009
74.40	-0.011	194.3	-0.0133	74.40	-0.016	183.3	0.0009
74.43	-0.009	194.4	-0.0115	74.43	-0.015	183.3	0.0036
74.47	-0.007	194.5	-0.0089	74.47	-0.015	183.4	0.0071
74.50	-0.006	194.6	-0.0062	74.50	-0.013	183.7	0.0115
74.53	-0.004	194.8	-0.0027	74.53	-0.008	183.9	0.0169
74.57	-0.001	195	-0.0027	74.57	-0.007	184.1	0.0222
74.60	0	195	0.0009	74.60	-0.004	184.5	0.0284
74.63	0	195.1	0.0036	74.63	0.001	184.8	0.0284
74.67	0.001	195.3	0.008	74.67	0.001	184.8	0.0355
74.70	0.005	195.6	0.0124	74.70	0.003	185	0.0408
74.73	0.006	195.8	0.0151	74.73	0.006	185.5	0.0479
74.77	0.008	196	0.0195	74.77	0.011	185.8	0.0533
74.80	0.011	196.3	0.0195	74.80	0.012	186.1	0.0586
74.85	0.013	196.5	0.0275	74.83	0.016	186.6	0.0586
74.88	0.014	196.7	0.0302	74.87	0.02	187	0.0648
74.92	0.016	196.9	0.0302	74.90	0.02	187	0.0701
74.93	0.018	197.2	0.0337	74.93	0.021	187.4	0.0746
74.97	0.018	197.2	0.0373	74.97	0.025	187.8	0.0808
75.00	0.019	197.4	0.0408	75.00	0.027	188.2	0.0852
75.03	0.022	197.7	0.0444	75.03	0.029	188.5	0.0905
75.07	0.023	197.9	0.047	75.07	0.032	189	0.0905
75.10	0.023	198.1	0.0497	75.10	0.034	189.3	0.0959
75.13	0.025	198.3	0.0497	75.13	0.034	189.3	0.0994
75.17	0.027	198.5	0.0524	75.17	0.035	189.6	0.103
75.20	0.027	198.5	0.0541	75.20	0.037	190	0.1065
75.23	0.027	198.7	0.055	75.23	0.038	190.3	0.1092
75.27	0.027	198.9	0.0568	75.28	0.039	190.5	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
75.30	0.028	199	0.0577	75.32	0.039	190.8	0.1118
75.33	0.029	199.2	0.0586	75.35	0.04	191	0.1136
75.37	0.029	199.3	0.0595	75.37	0.04	191.2	0.1145
75.40	0.029	199.4	0.0595	75.40	0.04	191.4	0.1145
75.43	0.029	199.4	0.0595	75.43	0.04	191.5	0.1145
75.47	0.029	199.6	0.0595	75.47	0.04	191.5	0.1145
75.50	0.028	199.7	0.0595	75.50	0.04	191.7	0.1145
75.53	0.028	199.7	0.0586	75.53	0.039	191.8	0.1136
75.57	0.027	199.8	0.0577	75.57	0.038	191.8	0.1118
75.60	0.026	199.8	0.0559	75.60	0.036	191.8	0.1101
75.63	0.024	199.7	0.0559	75.63	0.034	191.8	0.1101
75.67	0.023	199.7	0.0541	75.67	0.032	191.8	0.1074
75.70	0.023	199.7	0.0533	75.70	0.032	191.7	0.1047
75.73	0.022	199.6	0.0506	75.73	0.031	191.7	0.1012
75.77	0.02	199.5	0.0479	75.77	0.027	191.4	0.0968
75.80	0.019	199.5	0.0453	75.80	0.025	191.3	0.0941
75.83	0.017	199.3	0.0417	75.83	0.023	191.2	0.0888
75.87	0.014	199.1	0.0417	75.87	0.018	190.8	0.0888
75.90	0.013	199.1	0.0391	75.90	0.017	190.8	0.0834
75.93	0.013	199	0.0355	75.93	0.017	190.6	0.0799
75.97	0.012	198.8	0.032	75.97	0.014	190.3	0.0728
76.00	0.008	198.6	0.0284	76.00	0.009	189.9	0.0657
76.03	0.007	198.4	0.0249	76.03	0.007	189.6	0.0612
76.07	0.005	198.2	0.0204	76.07	0.005	189.3	0.055
76.10	0.001	197.9	0.0204	76.10	-0.001	188.8	0.055
76.13	0.001	197.9	0.016	76.13	-0.002	188.8	0.0488
76.17	0.001	197.8	0.0124	76.17	-0.002	188.5	0.0435
76.20	-0.001	197.5	0.0089	76.20	-0.005	188.1	0.0373
76.23	-0.004	197.2	0.0044	76.23	-0.01	187.6	0.0311
76.27	-0.006	197	0.0009	76.27	-0.011	187.2	0.0257
76.32	-0.006	196.7	-0.0018	76.30	-0.013	186.8	0.0204
76.35	-0.008	196.5	-0.0044	76.33	-0.018	186.3	0.0204
76.37	-0.01	196.3	-0.0071	76.37	-0.018	186.3	0.0142
76.40	-0.011	196.1	-0.0107	76.40	-0.018	185.9	0.0107
76.43	-0.013	195.8	-0.0107	76.43	-0.02	185.5	0.0053
76.47	-0.014	195.6	-0.0133	76.47	-0.024	185.1	0.0009
76.50	-0.014	195.6	-0.0151	76.50	-0.024	184.8	-0.0018
76.53	-0.015	195.3	-0.0169	76.53	-0.025	184.4	-0.0044
76.57	-0.016	195.1	-0.0195	76.57	-0.027	184.1	-0.0044
76.60	-0.016	194.9	-0.0204	76.60	-0.028	184.1	-0.0071
76.63	-0.017	194.8	-0.0213	76.63	-0.028	183.9	-0.0089
76.67	-0.017	194.6	-0.0213	76.67	-0.028	183.7	-0.0107
76.70	-0.017	194.5	-0.0222	76.70	-0.029	183.4	-0.0115
76.73	-0.017	194.5	-0.0222	76.75	-0.029	183.3	-0.0124
76.77	-0.017	194.4	-0.0222	76.78	-0.029	183.1	-0.0124
76.80	-0.017	194.3	-0.0222	76.82	-0.028	183	-0.0124
76.83	-0.017	194.2	-0.0222	76.85	-0.028	182.9	-0.0107
76.87	-0.016	194.2	-0.0213	76.88	-0.027	182.9	-0.0098
76.90	-0.015	194.2	-0.0195	76.90	-0.025	182.9	-0.0098
76.93	-0.014	194.2	-0.0195	76.93	-0.025	182.9	-0.008
76.97	-0.013	194.2	-0.0186	76.97	-0.024	182.9	-0.0062
77.00	-0.013	194.2	-0.0178	77.00	-0.021	183	-0.0036
77.03	-0.012	194.3	-0.0151	77.03	-0.02	183.1	-0.0009
77.07	-0.01	194.4	-0.0133	77.07	-0.018	183.2	0.0036
77.10	-0.009	194.4	-0.0115	77.10	-0.014	183.4	0.0036
77.13	-0.007	194.6	-0.008	77.13	-0.012	183.6	0.0071
77.17	-0.004	194.7	-0.008	77.17	-0.012	183.6	0.0107
77.20	-0.003	194.7	-0.0044	77.20	-0.011	183.8	0.016
77.23	-0.003	194.8	-0.0027	77.23	-0.006	184.1	0.0213
77.27	-0.002	195	0.0018	77.27	-0.004	184.4	0.0275
77.30	0.002	195.2	0.0053	77.30	-0.001	184.7	0.0337
77.33	0.002	195.4	0.0089	77.33	0.004	185.1	0.0337
77.37	0.004	195.7	0.0124	77.37	0.005	185.1	0.0399

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
77.40	0.008	195.9	0.0124	77.40	0.005	185.4	0.0453
77.43	0.009	195.9	0.0178	77.43	0.008	185.8	0.0515
77.47	0.009	196.1	0.0204	77.47	0.014	186.2	0.0577
77.50	0.011	196.4	0.024	77.50	0.015	186.5	0.0621
77.53	0.014	196.6	0.0293	77.53	0.017	187	0.0683
77.57	0.015	196.8	0.0328	77.57	0.022	187.4	0.0683
77.60	0.017	197.1	0.0364	77.60	0.023	187.4	0.0746
77.63	0.02	197.4	0.0364	77.63	0.023	187.7	0.079
77.67	0.021	197.4	0.0399	77.67	0.025	188.2	0.0852
77.70	0.021	197.6	0.0426	77.70	0.03	188.6	0.0905
77.73	0.022	197.8	0.0462	77.73	0.031	188.9	0.095
77.78	0.024	198.1	0.0488	77.77	0.033	189.3	0.095
77.82	0.024	198.2	0.0497	77.80	0.035	189.7	0.0994
77.83	0.025	198.4	0.0524	77.83	0.035	189.7	0.103
77.87	0.027	198.7	0.055	77.87	0.036	190	0.1065
77.90	0.027	198.8	0.0559	77.90	0.038	190.3	0.1092
77.93	0.028	199	0.0568	77.93	0.039	190.6	0.111
77.97	0.028	199.1	0.0568	77.97	0.039	190.8	0.1127
78.00	0.029	199.1	0.0577	78.00	0.04	191	0.1127
78.03	0.029	199.3	0.0586	78.03	0.04	191.2	0.1136
78.07	0.029	199.4	0.0595	78.07	0.04	191.2	0.1145
78.10	0.029	199.5	0.0595	78.10	0.04	191.4	0.1145
78.13	0.029	199.6	0.0595	78.13	0.04	191.6	0.1145
78.17	0.028	199.7	0.0586	78.18	0.04	191.7	0.1145
78.20	0.028	199.7	0.0586	78.22	0.04	191.8	0.1145
78.23	0.026	199.8	0.0577	78.25	0.039	191.9	0.1136
78.27	0.026	199.8	0.0568	78.28	0.036	191.9	0.111
78.30	0.026	199.8	0.0559	78.32	0.035	191.9	0.1083
78.33	0.024	199.7	0.0533	78.33	0.032	191.8	0.1083
78.37	0.022	199.7	0.0515	78.37	0.03	191.7	0.1047
78.40	0.022	199.6	0.0497	78.40	0.03	191.7	0.1021
78.43	0.02	199.5	0.0497	78.43	0.029	191.6	0.0985
78.47	0.017	199.4	0.047	78.47	0.025	191.4	0.0941
78.50	0.017	199.4	0.0444	78.50	0.023	191.2	0.0897
78.53	0.016	199.3	0.0408	78.53	0.021	191	0.0843
78.57	0.014	199.1	0.0382	78.57	0.016	190.6	0.0843
78.60	0.011	198.9	0.0346	78.60	0.014	190.6	0.079
78.63	0.011	198.8	0.0311	78.63	0.014	190.4	0.0737
78.67	0.008	198.5	0.0257	78.67	0.012	190	0.0675
78.70	0.005	198.3	0.0257	78.70	0.006	189.6	0.0604
78.73	0.005	198.3	0.0222	78.73	0.004	189.3	0.0559
78.77	0.004	198.1	0.0195	78.77	0.002	188.9	0.0497
78.80	0.002	197.9	0.0151	78.80	-0.003	188.5	0.0497
78.83	-0.001	197.6	0.0107	78.83	-0.005	188.5	0.0435
78.87	-0.002	197.4	0.0062	78.87	-0.005	188.2	0.0391
78.90	-0.004	197.1	0.0027	78.90	-0.007	187.7	0.0328
78.93	-0.007	196.8	0.0027	78.93	-0.012	187.2	0.0257
78.97	-0.007	196.8	-0.0009	78.97	-0.013	186.8	0.0213
79.00	-0.007	196.6	-0.0036	79.00	-0.015	186.4	0.016
79.03	-0.009	196.3	-0.0071	79.03	-0.02	185.9	0.016
79.07	-0.012	196.1	-0.0098	79.07	-0.02	185.9	0.0098
79.10	-0.012	195.9	-0.0124	79.10	-0.02	185.6	0.0062
79.13	-0.013	195.7	-0.0142	79.13	-0.022	185.2	0.0018
79.17	-0.015	195.4	-0.0142	79.17	-0.025	184.8	-0.0018
79.22	-0.016	195.2	-0.0186	79.20	-0.025	184.5	-0.0044
79.25	-0.016	195.1	-0.0195	79.23	-0.026	184.2	-0.0071
79.28	-0.016	194.9	-0.0195	79.27	-0.028	183.9	-0.0071
79.30	-0.017	194.9	-0.0204	79.30	-0.028	183.9	-0.0098
79.33	-0.017	194.7	-0.0213	79.33	-0.028	183.7	-0.0107
79.37	-0.017	194.6	-0.0222	79.37	-0.029	183.5	-0.0115
79.40	-0.017	194.4	-0.0222	79.40	-0.029	183.3	-0.0124
79.43	-0.017	194.3	-0.0231	79.43	-0.029	183.2	-0.0124
79.47	-0.017	194.3	-0.0222	79.47	-0.028	183	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
79.50	-0.016	194.2	-0.0222	79.50	-0.027	183	-0.0124
79.53	-0.015	194.2	-0.0222	79.53	-0.026	183	-0.0115
79.57	-0.015	194.2	-0.0213	79.57	-0.026	182.9	-0.0107
79.60	-0.015	194.2	-0.0204	79.60	-0.025	183	-0.008
79.63	-0.014	194.2	-0.0186	79.65	-0.023	183	-0.0062
79.67	-0.012	194.2	-0.0169	79.68	-0.022	183	-0.0036
79.70	-0.011	194.3	-0.0151	79.72	-0.02	183.1	-0.0009
79.73	-0.009	194.4	-0.0151	79.73	-0.018	183.2	0.0018
79.77	-0.008	194.4	-0.0124	79.78	-0.016	183.4	0.0062
79.80	-0.008	194.5	-0.0107	79.80	-0.012	183.6	0.0062
79.83	-0.007	194.6	-0.0071	79.83	-0.01	183.8	0.0107
79.87	-0.004	194.7	-0.0036	79.87	-0.01	183.8	0.0151
79.90	-0.002	194.9	-0.0018	79.90	-0.008	184	0.0204
79.93	-0.001	195	0.0027	79.93	-0.003	184.4	0.0257
79.97	0.002	195.3	0.0027	79.97	-0.001	184.7	0.032
80.00	0.004	195.3	0.0062	80.00	0.001	185	0.0382
80.03	0.004	195.5	0.0098	80.03	0.007	185.4	0.0382
80.07	0.005	195.7	0.0133	80.07	0.008	185.4	0.0453
80.10	0.009	196	0.0178	80.10	0.008	185.7	0.0497
80.13	0.01	196.2	0.0213	80.13	0.011	186	0.0559
80.17	0.012	196.4	0.0257	80.17	0.016	186.5	0.0621
80.20	0.015	196.8	0.0257	80.20	0.017	186.8	0.0666
80.23	0.017	196.9	0.0311	80.23	0.02	187.3	0.0728
80.27	0.017	196.9	0.0337	80.27	0.024	187.7	0.0728
80.30	0.017	197.2	0.0373	80.30	0.025	187.7	0.079
80.33	0.02	197.5	0.0408	80.33	0.025	188.1	0.0834
80.37	0.022	197.7	0.0435	80.37	0.027	188.5	0.0897
80.40	0.022	197.9	0.0462	80.40	0.032	188.9	0.095
80.43	0.024	198.1	0.0462	80.43	0.033	189.3	0.0985
80.47	0.026	198.4	0.0497	80.47	0.034	189.6	0.1021
80.50	0.026	198.4	0.0515	80.50	0.037	190	0.1021
80.53	0.026	198.5	0.0533	80.53	0.037	190	0.1056
80.57	0.027	198.7	0.0559	80.57	0.038	190.2	0.1083
80.60	0.028	198.9	0.0568	80.60	0.038	190.5	0.1101
80.63	0.028	199.1	0.0577	80.63	0.04	190.8	0.1127
80.68	0.028	199.2	0.0577	80.67	0.04	191	0.1136
80.72	0.029	199.3	0.0586	80.70	0.04	191.2	0.1136
80.73	0.029	199.5	0.0586	80.73	0.04	191.4	0.1145
80.77	0.029	199.6	0.0586	80.77	0.04	191.4	0.1154
80.80	0.029	199.7	0.0586	80.80	0.04	191.6	0.1154
80.83	0.028	199.7	0.0586	80.83	0.04	191.7	0.1154
80.87	0.028	199.8	0.0586	80.87	0.039	191.8	0.1145
80.90	0.027	199.8	0.0568	80.90	0.038	191.9	0.1118
80.93	0.026	199.8	0.0559	80.93	0.035	191.8	0.1118
80.97	0.025	199.8	0.055	80.97	0.034	191.8	0.1092
81.00	0.024	199.7	0.0524	81.00	0.034	191.8	0.1074
81.03	0.022	199.7	0.0524	81.03	0.032	191.8	0.1047
81.07	0.021	199.7	0.0506	81.07	0.029	191.6	0.1012
81.10	0.021	199.6	0.0479	81.12	0.027	191.5	0.0985
81.13	0.02	199.5	0.0453	81.15	0.026	191.4	0.095
81.17	0.016	199.3	0.0426	81.17	0.022	191.2	0.0905
81.20	0.016	199.2	0.0399	81.22	0.02	191	0.0861
81.23	0.014	199.1	0.0364	81.23	0.018	190.8	0.0808
81.27	0.01	198.9	0.0364	81.27	0.013	190.4	0.0808
81.30	0.01	198.9	0.0328	81.30	0.011	190.4	0.0746
81.33	0.01	198.7	0.0293	81.33	0.011	190.1	0.0692
81.37	0.008	198.5	0.0249	81.37	0.009	189.8	0.0621
81.40	0.004	198.3	0.0213	81.40	0.003	189.3	0.0559
81.43	0.003	198.1	0.0178	81.43	0.002	189	0.0515
81.47	0.002	197.8	0.0133	81.47	-0.001	188.6	0.0453
81.50	-0.002	197.5	0.0133	81.50	-0.006	188.1	0.0453
81.53	-0.003	197.5	0.0089	81.53	-0.007	188.1	0.0391
81.57	-0.003	197.3	0.0053	81.57	-0.007	187.8	0.0337

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
81.60	-0.005	197.1	0.0018	81.60	-0.009	187.4	0.0284
81.63	-0.007	196.8	-0.0018	81.63	-0.014	186.8	0.0204
81.67	-0.008	196.6	-0.0044	81.67	-0.015	186.5	0.0169
81.70	-0.01	196.3	-0.0089	81.70	-0.017	186.1	0.0115
81.73	-0.013	196	-0.0089	81.73	-0.021	185.6	0.0115
81.77	-0.013	196	-0.0115	81.77	-0.022	185.6	0.0062
81.80	-0.013	195.8	-0.0133	81.80	-0.022	185.3	0.0027
81.83	-0.013	195.6	-0.016	81.83	-0.023	184.9	-0.0009
81.87	-0.015	195.3	-0.0178	81.87	-0.026	184.5	-0.0053
81.90	-0.016	195.1	-0.0195	81.90	-0.026	184.3	-0.0071
81.93	-0.016	195	-0.0204	81.93	-0.027	184	-0.0089
81.97	-0.017	194.8	-0.0204	81.97	-0.028	183.8	-0.0089
82.00	-0.017	194.8	-0.0213	82.00	-0.029	183.8	-0.0107
82.03	-0.017	194.7	-0.0222	82.03	-0.029	183.5	-0.0115
82.07	-0.017	194.5	-0.0222	82.07	-0.029	183.4	-0.0124
82.12	-0.017	194.3	-0.0222	82.10	-0.029	183.2	-0.0124
82.15	-0.017	194.3	-0.0222	82.13	-0.028	183.1	-0.0124
82.18	-0.017	194.2	-0.0222	82.17	-0.028	183	-0.0115
82.20	-0.016	194.2	-0.0213	82.20	-0.026	183	-0.0115
82.23	-0.015	194.2	-0.0204	82.23	-0.026	183	-0.0098
82.27	-0.015	194.2	-0.0195	82.27	-0.025	183	-0.008
82.30	-0.013	194.2	-0.0195	82.30	-0.023	183	-0.0062
82.33	-0.012	194.3	-0.0178	82.33	-0.021	183.1	-0.0036
82.37	-0.012	194.3	-0.016	82.37	-0.02	183.1	-0.0009
82.40	-0.011	194.3	-0.0133	82.40	-0.017	183.4	0.0036
82.43	-0.009	194.4	-0.0115	82.43	-0.014	183.5	0.0036
82.47	-0.007	194.6	-0.0089	82.47	-0.014	183.5	0.0071
82.50	-0.006	194.6	-0.0062	82.50	-0.012	183.7	0.0115
82.53	-0.004	194.8	-0.0027	82.55	-0.007	184.1	0.0169
82.57	-0.001	195	-0.0027	82.58	-0.007	184.1	0.0195
82.60	0	195	0	82.62	-0.005	184.3	0.0249
82.63	0	195.1	0.0036	82.63	-0.001	184.7	0.032
82.67	0.002	195.4	0.008	82.68	0.002	185	0.0373
82.70	0.005	195.7	0.0115	82.70	0.004	185.3	0.0426
82.73	0.006	195.8	0.0151	82.73	0.009	185.8	0.0426
82.77	0.008	196.1	0.0195	82.77	0.011	185.8	0.0497
82.80	0.012	196.4	0.0195	82.80	0.011	186.1	0.055
82.83	0.012	196.4	0.024	82.83	0.013	186.4	0.0604
82.87	0.012	196.5	0.0275	82.87	0.018	187	0.0666
82.90	0.014	196.8	0.032	82.90	0.02	187.3	0.0719
82.93	0.018	197.1	0.0355	82.93	0.022	187.7	0.0772
82.97	0.018	197.3	0.0382	82.97	0.027	188.1	0.0772
83.00	0.02	197.5	0.0426	83.00	0.028	188.1	0.0834
83.03	0.023	197.8	0.0426	83.03	0.028	188.5	0.0879
83.07	0.023	197.8	0.0453	83.07	0.03	188.8	0.0932
83.10	0.023	198	0.0479	83.10	0.033	189.3	0.0976
83.13	0.024	198.2	0.0506	83.13	0.034	189.6	0.1012
83.17	0.026	198.5	0.0524	83.17	0.035	189.9	0.1047
83.20	0.027	198.6	0.0541	83.20	0.038	190.3	0.1047
83.23	0.027	198.8	0.0559	83.23	0.038	190.3	0.1083
83.27	0.028	199	0.0559	83.27	0.038	190.5	0.1101
83.30	0.029	199	0.0568	83.30	0.039	190.8	0.1118
83.33	0.029	199.1	0.0577	83.33	0.04	191	0.1136
83.37	0.028	199.3	0.0577	83.37	0.04	191.2	0.1145
83.40	0.028	199.4	0.0586	83.40	0.04	191.4	0.1154
83.43	0.029	199.5	0.0586	83.43	0.04	191.6	0.1154
83.47	0.029	199.6	0.0595	83.47	0.04	191.6	0.1154
83.50	0.028	199.7	0.0595	83.50	0.04	191.7	0.1154
83.53	0.027	199.7	0.0586	83.53	0.04	191.8	0.1145
83.58	0.027	199.8	0.0568	83.57	0.038	191.9	0.1136
83.62	0.026	199.8	0.0568	83.60	0.036	191.9	0.111
83.63	0.025	199.8	0.0559	83.63	0.035	191.8	0.1083
83.67	0.025	199.8	0.0541	83.67	0.031	191.8	0.1083

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
83.70	0.024	199.8	0.0524	83.70	0.03	191.8	0.1047
83.73	0.022	199.7	0.0497	83.73	0.03	191.7	0.1021
83.77	0.02	199.6	0.0479	83.77	0.028	191.5	0.0985
83.80	0.019	199.5	0.0444	83.80	0.025	191.4	0.0941
83.83	0.016	199.3	0.0444	83.83	0.023	191.2	0.0888
83.87	0.014	199.2	0.0408	83.87	0.019	190.9	0.0888
83.90	0.014	199.2	0.0391	83.90	0.016	190.6	0.0834
83.93	0.013	199	0.0355	83.93	0.016	190.6	0.0781
83.97	0.01	198.8	0.0311	83.97	0.014	190.4	0.0728
84.00	0.008	198.6	0.0284	84.02	0.008	189.8	0.0666
84.03	0.007	198.5	0.0231	84.05	0.008	189.8	0.063
84.07	0.004	198.2	0.0231	84.08	0.006	189.5	0.0568
84.10	0.002	198	0.0195	84.12	0.001	189	0.0506
84.13	0.002	198	0.016	84.13	-0.001	188.7	0.0462
84.17	0.001	197.8	0.0115	84.17	-0.003	188.3	0.0408
84.20	-0.002	197.5	0.0071	84.20	-0.008	187.8	0.0408
84.23	-0.004	197.2	0.0044	84.23	-0.01	187.8	0.0337
84.27	-0.005	197	0	84.27	-0.01	187.4	0.0284
84.30	-0.007	196.7	0	84.30	-0.012	187	0.0222
84.33	-0.009	196.5	-0.0036	84.33	-0.016	186.5	0.016
84.37	-0.009	196.5	-0.0062	84.37	-0.018	186.1	0.0115
84.40	-0.01	196.2	-0.0098	84.40	-0.019	185.7	0.0071
84.43	-0.012	196	-0.0124	84.43	-0.023	185.3	0.0071
84.47	-0.014	195.7	-0.0151	84.47	-0.024	185.3	0.0018
84.50	-0.014	195.5	-0.016	84.50	-0.024	185	0
84.53	-0.015	195.2	-0.0186	84.53	-0.024	184.7	-0.0036
84.57	-0.016	195	-0.0186	84.57	-0.027	184.3	-0.0062
84.60	-0.016	195	-0.0204	84.60	-0.027	184.1	-0.0089
84.63	-0.016	194.9	-0.0213	84.63	-0.028	183.8	-0.0107
84.67	-0.017	194.8	-0.0222	84.67	-0.029	183.6	-0.0107
84.70	-0.017	194.6	-0.0222	84.70	-0.029	183.6	-0.0115
84.73	-0.017	194.5	-0.0222	84.73	-0.029	183.4	-0.0124
84.77	-0.017	194.4	-0.0222	84.77	-0.029	183.2	-0.0124
84.80	-0.017	194.3	-0.0222	84.80	-0.028	183.1	-0.0124
84.83	-0.016	194.3	-0.0222	84.83	-0.028	183	-0.0115
84.87	-0.016	194.3	-0.0222	84.87	-0.027	183	-0.0107
84.90	-0.016	194.2	-0.0213	84.90	-0.025	183	-0.0107
84.93	-0.014	194.3	-0.0195	84.93	-0.024	183	-0.0089
84.97	-0.014	194.2	-0.0186	84.97	-0.024	183	-0.0071
85.00	-0.012	194.3	-0.016	85.00	-0.023	183.1	-0.0044
85.05	-0.011	194.3	-0.0151	85.03	-0.019	183.2	-0.0009
85.08	-0.01	194.4	-0.0133	85.07	-0.018	183.3	0.0018
85.10	-0.009	194.5	-0.0107	85.10	-0.016	183.5	0.0062
85.13	-0.006	194.6	-0.0107	85.13	-0.012	183.7	0.0062
85.17	-0.005	194.6	-0.008	85.17	-0.01	183.7	0.0107
85.20	-0.005	194.7	-0.0053	85.20	-0.01	183.9	0.0151
85.23	-0.004	194.9	-0.0018	85.23	-0.008	184.2	0.0204
85.27	0	195.1	0.0018	85.27	-0.003	184.5	0.0275
85.30	0.001	195.2	0.0044	85.30	-0.001	184.8	0.0337
85.33	0.002	195.4	0.0089	85.33	0.002	185.2	0.0337
85.37	0.006	195.7	0.0089	85.37	0.006	185.5	0.0391
85.40	0.008	195.9	0.0133	85.40	0.006	185.5	0.0453
85.43	0.008	195.9	0.016	85.45	0.011	186.2	0.0515
85.47	0.009	196.1	0.0204	85.48	0.013	186.5	0.055
85.50	0.012	196.4	0.0249	85.52	0.013	186.5	0.0586
85.53	0.014	196.7	0.0293	85.55	0.016	186.8	0.0648
85.57	0.015	196.9	0.0328	85.58	0.02	187.4	0.0719
85.60	0.017	197.2	0.0328	85.60	0.023	187.7	0.0772
85.63	0.02	197.4	0.0364	85.63	0.025	188.1	0.0826
85.67	0.02	197.4	0.0399	85.67	0.028	188.5	0.0826
85.70	0.02	197.6	0.0435	85.70	0.03	188.5	0.0879
85.73	0.023	197.9	0.0462	85.73	0.03	188.9	0.0923
85.77	0.024	198.1	0.0488	85.77	0.032	189.2	0.0968

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
85.80	0.025	198.3	0.0506	85.80	0.035	189.6	0.1012
85.83	0.026	198.5	0.0506	85.83	0.036	189.9	0.1047
85.87	0.027	198.7	0.0533	85.87	0.037	190.2	0.1074
85.90	0.027	198.7	0.055	85.90	0.038	190.5	0.1074
85.93	0.027	198.9	0.0559	85.93	0.039	190.5	0.1101
85.97	0.028	199.1	0.0577	85.97	0.039	190.8	0.1118
86.00	0.029	199.2	0.0586	86.00	0.04	191	0.1136
86.03	0.029	199.4	0.0586	86.03	0.04	191.2	0.1145
86.07	0.029	199.5	0.0586	86.07	0.04	191.4	0.1145
86.10	0.029	199.6	0.0586	86.10	0.04	191.6	0.1154
86.13	0.029	199.6	0.0586	86.13	0.04	191.7	0.1154
86.17	0.029	199.7	0.0586	86.17	0.04	191.9	0.1154
86.20	0.028	199.8	0.0586	86.20	0.04	191.9	0.1154
86.23	0.027	199.8	0.0568	86.23	0.039	191.9	0.1136
86.27	0.026	199.8	0.0559	86.27	0.037	191.9	0.111
86.30	0.025	199.8	0.0541	86.30	0.034	191.9	0.1083
86.33	0.023	199.7	0.0541	86.33	0.033	191.9	0.1065
86.37	0.022	199.7	0.0515	86.37	0.03	191.7	0.1065
86.40	0.022	199.7	0.0506	86.40	0.028	191.7	0.103
86.43	0.021	199.6	0.0479	86.43	0.028	191.6	0.0994
86.48	0.018	199.5	0.0453	86.47	0.026	191.5	0.095
86.52	0.018	199.4	0.0444	86.50	0.022	191.2	0.0905
86.53	0.017	199.3	0.0408	86.53	0.02	191.1	0.0861
86.57	0.013	199.1	0.0373	86.57	0.019	190.8	0.0808
86.60	0.012	199	0.0346	86.60	0.013	190.4	0.0808
86.63	0.011	198.8	0.0302	86.63	0.011	190.4	0.0737
86.67	0.007	198.5	0.0302	86.67	0.011	190.1	0.0692
86.70	0.006	198.5	0.0257	86.70	0.009	189.8	0.063
86.73	0.006	198.4	0.0231	86.73	0.003	189.4	0.0559
86.77	0.004	198.1	0.0186	86.77	0.002	189.1	0.0515
86.80	0.001	197.9	0.0142	86.80	-0.001	188.7	0.0453
86.83	0	197.7	0.0107	86.83	-0.005	188.2	0.0453
86.87	-0.002	197.4	0.0071	86.87	-0.007	188.2	0.0382
86.90	-0.005	197.1	0.0071	86.92	-0.01	187.5	0.0302
86.93	-0.006	197.1	0.0027	86.95	-0.012	187.1	0.0302
86.97	-0.006	196.9	-0.0009	86.97	-0.014	187.1	0.0249
87.00	-0.007	196.7	-0.0044	87.02	-0.014	186.7	0.0195
87.03	-0.01	196.4	-0.008	87.05	-0.016	186.3	0.0124
87.07	-0.011	196.2	-0.0107	87.07	-0.021	185.8	0.0071
87.10	-0.012	195.9	-0.0133	87.10	-0.021	185.5	0.0036
87.13	-0.014	195.6	-0.0133	87.13	-0.023	185.1	0
87.17	-0.015	195.6	-0.016	87.17	-0.025	184.7	0
87.20	-0.015	195.4	-0.0169	87.20	-0.026	184.7	-0.0036
87.23	-0.015	195.2	-0.0186	87.23	-0.026	184.4	-0.0062
87.27	-0.016	195	-0.0204	87.27	-0.027	184.2	-0.0089
87.30	-0.017	194.9	-0.0213	87.30	-0.028	183.9	-0.0107
87.33	-0.017	194.7	-0.0222	87.33	-0.029	183.7	-0.0115
87.37	-0.017	194.6	-0.0222	87.37	-0.029	183.5	-0.0124
87.40	-0.017	194.6	-0.0222	87.40	-0.029	183.3	-0.0124
87.43	-0.017	194.5	-0.0231	87.43	-0.028	183.3	-0.0133
87.47	-0.017	194.4	-0.0231	87.47	-0.028	183.1	-0.0133
87.50	-0.017	194.3	-0.0222	87.50	-0.028	183	-0.0124
87.53	-0.016	194.3	-0.0213	87.53	-0.027	183	-0.0115
87.57	-0.015	194.3	-0.0204	87.57	-0.026	183	-0.0098
87.60	-0.014	194.3	-0.0204	87.60	-0.025	183	-0.008
87.63	-0.013	194.3	-0.0186	87.63	-0.022	183.1	-0.008
87.67	-0.013	194.3	-0.0178	87.67	-0.021	183.1	-0.0053
87.70	-0.012	194.3	-0.016	87.70	-0.021	183.1	-0.0027
87.73	-0.01	194.4	-0.0133	87.73	-0.019	183.3	0.0009
87.77	-0.008	194.5	-0.0115	87.77	-0.015	183.4	0.0044
87.80	-0.007	194.6	-0.0089	87.80	-0.014	183.6	0.008
87.83	-0.005	194.8	-0.0089	87.83	-0.011	183.9	0.008
87.87	-0.002	194.9	-0.0053	87.87	-0.007	184.1	0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
87.90	-0.002	194.9	-0.0018	87.90	-0.007	184.1	0.0186
87.95	0	195.2	0.0027	87.93	-0.005	184.3	0.0249
87.98	0.002	195.4	0.0027	87.97	-0.001	184.7	0.032
88.00	0.002	195.4	0.0053	88.00	0.002	185	0.0364
88.03	0.003	195.6	0.0107	88.03	0.004	185.3	0.0435
88.07	0.006	195.9	0.0151	88.07	0.009	185.8	0.0435
88.10	0.009	196.1	0.0186	88.10	0.011	185.8	0.0497
88.13	0.01	196.3	0.0213	88.13	0.011	186.1	0.0541
88.17	0.012	196.6	0.0257	88.17	0.014	186.5	0.0604
88.20	0.015	196.8	0.0257	88.20	0.018	187	0.0666
88.23	0.016	196.8	0.0302	88.23	0.02	187.3	0.0719
88.27	0.016	197	0.0337	88.27	0.022	187.7	0.0781
88.30	0.017	197.3	0.0373	88.30	0.027	188.2	0.0781
88.33	0.021	197.5	0.0408	88.35	0.028	188.5	0.087
88.37	0.021	197.7	0.0435	88.38	0.029	188.8	0.0905
88.40	0.022	198	0.047	88.42	0.032	189.2	0.0905
88.43	0.025	198.2	0.047	88.43	0.034	189.2	0.0959
88.47	0.025	198.2	0.0506	88.48	0.034	189.5	0.0994
88.50	0.025	198.4	0.0515	88.50	0.035	189.9	0.1039
88.53	0.026	198.6	0.0533	88.53	0.038	190.2	0.1074
88.57	0.027	198.8	0.055	88.57	0.037	190.5	0.1092
88.60	0.028	199	0.0568	88.60	0.038	190.8	0.111
88.63	0.028	199.2	0.0577	88.63	0.04	191	0.111
88.67	0.029	199.3	0.0577	88.67	0.04	191	0.1136
88.70	0.029	199.3	0.0586	88.70	0.04	191.2	0.1145
88.73	0.029	199.4	0.0595	88.73	0.04	191.4	0.1154
88.77	0.029	199.6	0.0595	88.77	0.04	191.6	0.1154
88.80	0.029	199.7	0.0586	88.80	0.04	191.7	0.1154
88.83	0.028	199.7	0.0586	88.83	0.04	191.9	0.1154
88.87	0.028	199.8	0.0577	88.87	0.039	192	0.1154
88.90	0.026	199.8	0.0577	88.90	0.037	192	0.1145
88.93	0.026	199.8	0.0559	88.93	0.037	192	0.1118
88.97	0.026	199.8	0.0559	88.97	0.036	191.9	0.1101
89.00	0.025	199.8	0.0533	89.00	0.032	191.9	0.1065
89.03	0.022	199.7	0.0506	89.03	0.032	191.8	0.1039
89.07	0.022	199.7	0.0497	89.07	0.029	191.6	0.0994
89.10	0.02	199.6	0.047	89.10	0.025	191.5	0.0994
89.13	0.017	199.4	0.047	89.13	0.025	191.5	0.095
89.17	0.016	199.4	0.0435	89.17	0.024	191.4	0.0905
89.20	0.016	199.4	0.0408	89.20	0.021	191.1	0.0861
89.23	0.015	199.2	0.0373	89.23	0.017	190.8	0.0808
89.27	0.011	199	0.0346	89.27	0.016	190.6	0.0754
89.30	0.01	198.9	0.0311	89.30	0.011	190.1	0.0754
89.33	0.009	198.7	0.0275	89.33	0.008	189.9	0.0683
89.38	0.005	198.4	0.0222	89.37	0.008	189.9	0.0639
89.42	0.005	198.3	0.0204	89.40	0.006	189.6	0.0577
89.45	0.004	198.1	0.0169	89.43	0.001	189.1	0.0506
89.47	0	197.8	0.0169	89.47	-0.002	188.7	0.0453
89.50	-0.001	197.8	0.0124	89.50	-0.003	188.4	0.0399
89.53	-0.001	197.6	0.0098	89.53	-0.008	187.9	0.0399
89.57	-0.003	197.3	0.0053	89.57	-0.01	187.9	0.0337
89.60	-0.006	197	0.0009	89.60	-0.01	187.5	0.0284
89.63	-0.007	196.8	-0.0018	89.63	-0.012	187.1	0.0213
89.67	-0.008	196.6	-0.0062	89.67	-0.016	186.5	0.016
89.70	-0.011	196.3	-0.0062	89.70	-0.018	186.2	0.0107
89.73	-0.012	196.1	-0.0098	89.73	-0.019	185.8	0.0062
89.77	-0.012	196.1	-0.0115	89.77	-0.023	185.3	0.0062
89.80	-0.013	195.9	-0.0133	89.82	-0.023	185	-0.0009
89.83	-0.014	195.6	-0.016	89.85	-0.024	184.7	-0.0036
89.87	-0.015	195.4	-0.0178	89.88	-0.026	184.4	-0.0036
89.90	-0.016	195.2	-0.0195	89.92	-0.027	184.4	-0.0062
89.93	-0.016	195	-0.0195	89.95	-0.027	184.1	-0.0089
89.97	-0.017	194.8	-0.0204	89.97	-0.028	183.9	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
90.00	-0.017	194.8	-0.0222	90.00	-0.029	183.6	-0.0124
90.03	-0.017	194.7	-0.0222	90.03	-0.029	183.4	-0.0133
90.07	-0.017	194.6	-0.0222	90.07	-0.029	183.3	-0.0133
90.10	-0.017	194.5	-0.0222	90.10	-0.028	183.2	-0.0133
90.13	-0.017	194.4	-0.0231	90.13	-0.028	183.2	-0.0124
90.17	-0.017	194.3	-0.0222	90.17	-0.028	183	-0.0124
90.20	-0.016	194.3	-0.0222	90.20	-0.027	183	-0.0115
90.23	-0.015	194.3	-0.0213	90.23	-0.025	183	-0.0098
90.27	-0.015	194.3	-0.0195	90.27	-0.025	182.9	-0.008
90.30	-0.014	194.3	-0.0186	90.30	-0.022	183	-0.008
90.33	-0.012	194.3	-0.0169	90.33	-0.021	183.1	-0.0053
90.37	-0.011	194.3	-0.0151	90.37	-0.021	183.1	-0.0036
90.40	-0.01	194.4	-0.0133	90.40	-0.019	183.2	0
90.43	-0.007	194.6	-0.0133	90.43	-0.016	183.4	0.0044
90.47	-0.007	194.6	-0.0107	90.47	-0.013	183.6	0.008
90.50	-0.007	194.6	-0.008	90.50	-0.011	183.8	0.0133
90.53	-0.005	194.8	-0.0044	90.53	-0.007	184.1	0.0133
90.57	-0.002	195	-0.0009	90.57	-0.006	184.1	0.0178
90.60	-0.001	195.1	0.0018	90.60	-0.006	184.3	0.0231
90.63	0.001	195.3	0.0053	90.63	-0.003	184.7	0.0302
90.67	0.004	195.6	0.0053	90.67	0.003	185.1	0.0382
90.70	0.005	195.6	0.0098	90.70	0.004	185.3	0.0426
90.73	0.005	195.8	0.0124	90.73	0.007	185.7	0.0488
90.77	0.007	196	0.0169	90.77	0.012	186.1	0.0488
90.80	0.011	196.3	0.0222	90.80	0.014	186.1	0.055
90.85	0.012	196.5	0.0249	90.83	0.014	186.4	0.0595
90.88	0.012	196.7	0.0284	90.87	0.016	186.9	0.0657
90.90	0.016	196.9	0.032	90.90	0.021	187.4	0.0719
90.93	0.017	197.1	0.0346	90.93	0.022	187.7	0.0772
90.97	0.018	197.4	0.0391	90.97	0.024	188.1	0.0826
91.00	0.02	197.7	0.0391	91.00	0.028	188.5	0.0826
91.03	0.022	197.9	0.0426	91.03	0.03	188.5	0.0888
91.07	0.022	197.9	0.0453	91.07	0.03	188.9	0.0923
91.10	0.023	198.1	0.0479	91.10	0.032	189.3	0.0976
91.13	0.024	198.3	0.0506	91.13	0.035	189.6	0.1012
91.17	0.026	198.6	0.0524	91.17	0.036	189.9	0.1047
91.20	0.027	198.7	0.0541	91.20	0.037	190.3	0.1083
91.23	0.027	198.9	0.0541	91.23	0.039	190.6	0.1083
91.27	0.028	199.1	0.0559	91.28	0.039	190.8	0.1118
91.30	0.028	199.1	0.0568	91.32	0.04	191	0.1136
91.33	0.028	199.2	0.0577	91.35	0.04	191.3	0.1136
91.37	0.029	199.4	0.0586	91.37	0.04	191.3	0.1145
91.40	0.029	199.5	0.0586	91.40	0.04	191.5	0.1154
91.43	0.029	199.6	0.0586	91.43	0.04	191.6	0.1154
91.47	0.029	199.7	0.0586	91.47	0.04	191.8	0.1154
91.50	0.028	199.8	0.0586	91.50	0.04	191.9	0.1154
91.53	0.028	199.8	0.0586	91.53	0.039	192	0.1145
91.57	0.028	199.8	0.0577	91.57	0.037	192	0.1145
91.60	0.026	199.8	0.0559	91.60	0.037	192	0.1127
91.63	0.024	199.8	0.0541	91.63	0.036	192	0.1101
91.67	0.024	199.8	0.0533	91.67	0.033	191.9	0.1065
91.70	0.023	199.8	0.0506	91.70	0.031	191.8	0.1039
91.73	0.02	199.7	0.0506	91.73	0.03	191.8	0.1003
91.77	0.019	199.7	0.0479	91.77	0.026	191.5	0.1003
91.80	0.019	199.6	0.0462	91.80	0.024	191.4	0.0959
91.83	0.018	199.4	0.0435	91.83	0.024	191.4	0.0923
91.87	0.015	199.3	0.0399	91.87	0.022	191.2	0.087
91.90	0.014	199.2	0.0364	91.90	0.018	190.9	0.0808
91.93	0.012	199	0.0328	91.93	0.014	190.6	0.0763
91.97	0.008	198.8	0.0328	91.97	0.013	190.4	0.071
92.00	0.008	198.8	0.0293	92.00	0.008	189.9	0.071
92.03	0.008	198.6	0.0257	92.03	0.005	189.9	0.0639
92.07	0.006	198.4	0.0222	92.07	0.005	189.6	0.0586

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
92.10	0.003	198.1	0.0178	92.10	0.003	189.3	0.0524
92.13	0.001	197.9	0.0142	92.13	-0.002	188.8	0.0462
92.17	0	197.7	0.0098	92.17	-0.004	188.4	0.0417
92.20	-0.004	197.4	0.0098	92.20	-0.005	188.1	0.0346
92.23	-0.005	197.4	0.0053	92.23	-0.011	187.5	0.0346
92.28	-0.006	197	0	92.27	-0.012	187.5	0.0275
92.32	-0.007	196.7	0	92.30	-0.012	187.2	0.0231
92.35	-0.009	196.7	-0.0027	92.33	-0.014	186.7	0.0169
92.37	-0.009	196.5	-0.0053	92.37	-0.019	186.2	0.0107
92.40	-0.01	196.3	-0.0098	92.40	-0.019	185.9	0.008
92.43	-0.013	196	-0.0124	92.43	-0.021	185.5	0.0027
92.47	-0.013	195.8	-0.0142	92.47	-0.024	185.1	0.0027
92.50	-0.014	195.6	-0.0169	92.50	-0.025	185.1	-0.0018
92.53	-0.016	195.3	-0.0169	92.53	-0.025	184.8	-0.0044
92.57	-0.016	195.1	-0.0186	92.57	-0.026	184.5	-0.0071
92.60	-0.016	195.1	-0.0195	92.60	-0.027	184.2	-0.0098
92.63	-0.017	194.9	-0.0213	92.63	-0.028	183.9	-0.0107
92.67	-0.017	194.8	-0.0222	92.67	-0.028	183.7	-0.0124
92.70	-0.017	194.7	-0.0222	92.72	-0.029	183.5	-0.0133
92.73	-0.017	194.5	-0.0222	92.75	-0.029	183.3	-0.0133
92.77	-0.017	194.4	-0.0222	92.78	-0.029	183.2	-0.0142
92.80	-0.017	194.4	-0.0231	92.82	-0.028	183.1	-0.0142
92.83	-0.017	194.4	-0.0231	92.85	-0.028	183.1	-0.0133
92.87	-0.016	194.3	-0.0213	92.87	-0.027	183	-0.0115
92.90	-0.015	194.3	-0.0204	92.90	-0.026	183	-0.0107
92.93	-0.014	194.3	-0.0195	92.93	-0.024	183	-0.0089
92.97	-0.014	194.3	-0.0186	92.97	-0.023	183	-0.0062
93.00	-0.013	194.3	-0.016	93.00	-0.02	183.2	-0.0062
93.03	-0.01	194.4	-0.016	93.03	-0.019	183.3	-0.0036
93.07	-0.01	194.4	-0.0142	93.07	-0.019	183.3	-0.0009
93.10	-0.01	194.5	-0.0124	93.10	-0.017	183.3	0.0036
93.13	-0.008	194.6	-0.0098	93.13	-0.013	183.6	0.0089
93.17	-0.005	194.7	-0.0062	93.17	-0.011	183.8	0.0115
93.20	-0.004	194.8	-0.0036	93.20	-0.01	184	0.0169
93.23	-0.002	195.1	0	93.23	-0.005	184.4	0.0169
93.27	0.001	195.2	0	93.27	-0.002	184.4	0.0231
93.30	0.002	195.2	0.0036	93.30	-0.002	184.6	0.0293
93.33	0.002	195.4	0.0071	93.33	0	185	0.0355
93.37	0.004	195.7	0.0107	93.37	0.005	185.3	0.0417
93.40	0.007	195.9	0.0151	93.40	0.007	185.7	0.047
93.43	0.008	196.1	0.0186	93.43	0.009	186.1	0.0533
93.47	0.01	196.4	0.0222	93.47	0.015	186.5	0.0533
93.50	0.013	196.6	0.0222	93.50	0.016	186.5	0.0604
93.53	0.014	196.6	0.0275	93.53	0.016	186.8	0.0648
93.57	0.014	196.8	0.0311	93.57	0.018	187.3	0.0701
93.60	0.016	197.1	0.0346	93.60	0.023	187.7	0.0772
93.63	0.019	197.4	0.0382	93.63	0.025	188.1	0.0817
93.67	0.02	197.6	0.0408	93.67	0.027	188.5	0.0879
93.70	0.021	197.8	0.0453	93.70	0.031	188.9	0.0879
93.75	0.024	198.1	0.047	93.73	0.031	188.9	0.0932
93.78	0.023	198.2	0.0488	93.77	0.032	189.2	0.0968
93.80	0.025	198.5	0.0515	93.80	0.034	189.6	0.1012
93.83	0.026	198.7	0.0515	93.83	0.036	190	0.1056
93.87	0.027	198.7	0.0541	93.87	0.037	190.2	0.1083
93.90	0.027	198.8	0.055	93.90	0.038	190.6	0.1083
93.93	0.028	199	0.0568	93.93	0.04	190.8	0.1101
93.97	0.028	199.2	0.0577	93.97	0.04	190.8	0.1118
94.00	0.029	199.3	0.0586	94.00	0.039	191.1	0.1136
94.03	0.029	199.5	0.0586	94.03	0.04	191.3	0.1154
94.07	0.028	199.6	0.0586	94.07	0.04	191.5	0.1154
94.10	0.028	199.6	0.0586	94.10	0.04	191.7	0.1154
94.13	0.028	199.7	0.0586	94.13	0.04	191.8	0.1154
94.17	0.028	199.8	0.0586	94.18	0.04	191.9	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
94.20	0.028	199.8	0.0586	94.22	0.039	192	0.1154
94.23	0.027	199.8	0.0568	94.23	0.037	192	0.1154
94.27	0.027	199.9	0.0559	94.28	0.035	192	0.1127
94.30	0.024	199.8	0.0559	94.30	0.035	192	0.1101
94.33	0.024	199.8	0.0533	94.33	0.034	192	0.1074
94.37	0.024	199.8	0.0524	94.37	0.031	191.9	0.1039
94.40	0.022	199.8	0.0497	94.40	0.029	191.8	0.1012
94.43	0.02	199.7	0.047	94.43	0.028	191.6	0.0976
94.47	0.018	199.6	0.0453	94.47	0.023	191.4	0.0976
94.50	0.017	199.5	0.0417	94.50	0.022	191.4	0.0923
94.53	0.014	199.3	0.0417	94.53	0.022	191.2	0.0888
94.57	0.013	199.3	0.0391	94.57	0.019	191	0.0826
94.60	0.013	199.1	0.0364	94.60	0.015	190.6	0.0772
94.63	0.012	199	0.0328	94.63	0.013	190.4	0.0719
94.67	0.008	198.7	0.0284	94.67	0.01	190	0.0657
94.70	0.007	198.6	0.0249	94.70	0.004	189.6	0.0657
94.73	0.005	198.4	0.0204	94.73	0.003	189.6	0.0586
94.77	0.002	198.1	0.0204	94.77	0.003	189.3	0.0541
94.80	0	198.1	0.016	94.80	0	188.9	0.047
94.83	0	197.9	0.0124	94.83	-0.004	188.4	0.0408
94.87	-0.001	197.6	0.0089	94.87	-0.006	188.1	0.0355
94.90	-0.004	197.3	0.0036	94.90	-0.01	187.6	0.0355
94.93	-0.006	197.1	0.0009	94.93	-0.013	187.2	0.0293
94.97	-0.007	196.9	-0.0027	94.97	-0.013	187.2	0.0222
95.00	-0.009	196.6	-0.0027	95.00	-0.014	186.8	0.0178
95.03	-0.011	196.3	-0.0071	95.03	-0.018	186.3	0.0115
95.07	-0.011	196.3	-0.0098	95.07	-0.02	185.9	0.0071
95.10	-0.011	196.1	-0.0115	95.10	-0.021	185.6	0.0036
95.13	-0.013	195.9	-0.0142	95.13	-0.024	185.1	0.0036
95.17	-0.014	195.6	-0.0169	95.17	-0.025	185.1	-0.0009
95.22	-0.015	195.4	-0.0178	95.20	-0.025	184.8	-0.0036
95.25	-0.016	195.2	-0.0195	95.23	-0.026	184.5	-0.0071
95.27	-0.016	195	-0.0204	95.27	-0.027	184.2	-0.0089
95.30	-0.016	194.9	-0.0213	95.30	-0.028	183.9	-0.0107
95.33	-0.017	194.7	-0.0213	95.33	-0.029	183.7	-0.0124
95.37	-0.017	194.6	-0.0222	95.37	-0.029	183.5	-0.0124
95.40	-0.017	194.6	-0.0231	95.40	-0.029	183.5	-0.0133
95.43	-0.017	194.5	-0.0231	95.43	-0.029	183.3	-0.0133
95.47	-0.017	194.4	-0.0231	95.47	-0.028	183.2	-0.0124
95.50	-0.017	194.3	-0.0222	95.50	-0.027	183.1	-0.0124
95.53	-0.016	194.3	-0.0213	95.53	-0.027	183.1	-0.0115
95.57	-0.015	194.3	-0.0204	95.57	-0.026	183	-0.0098
95.60	-0.014	194.3	-0.0204	95.62	-0.024	183.1	-0.008
95.63	-0.014	194.3	-0.0195	95.65	-0.023	183.1	-0.0062
95.67	-0.013	194.3	-0.0178	95.68	-0.021	183.2	-0.0036
95.70	-0.012	194.4	-0.0151	95.72	-0.018	183.3	-0.0036
95.73	-0.01	194.5	-0.0133	95.73	-0.018	183.3	0
95.77	-0.009	194.5	-0.0107	95.77	-0.017	183.4	0.0036
95.80	-0.007	194.7	-0.008	95.80	-0.014	183.6	0.0071
95.83	-0.004	194.8	-0.008	95.83	-0.011	183.8	0.0124
95.87	-0.004	194.8	-0.0053	95.87	-0.009	184	0.0178
95.90	-0.003	194.9	-0.0018	95.90	-0.005	184.4	0.0178
95.93	-0.001	195.2	0.0018	95.93	-0.002	184.7	0.024
95.97	0.002	195.4	0.0053	95.97	-0.002	184.7	0.0293
96.00	0.002	195.5	0.0089	96.00	0	184.9	0.0355
96.03	0.005	195.8	0.0124	96.03	0.005	185.4	0.0417
96.07	0.008	196	0.0124	96.07	0.007	185.7	0.047
96.10	0.009	196	0.0169	96.10	0.009	186	0.0541
96.13	0.009	196.2	0.0204	96.13	0.014	186.5	0.0541
96.17	0.011	196.5	0.024	96.17	0.017	186.9	0.0604
96.20	0.014	196.7	0.0284	96.20	0.017	186.9	0.0657
96.23	0.015	197	0.032	96.23	0.019	187.3	0.071
96.27	0.017	197.3	0.0364	96.27	0.023	187.7	0.0763

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
96.30	0.02	197.5	0.0364	96.30	0.025	188.1	0.0817
96.33	0.02	197.5	0.0399	96.33	0.026	188.5	0.0879
96.37	0.02	197.7	0.0426	96.37	0.031	188.9	0.0879
96.40	0.022	198	0.0453	96.40	0.032	188.9	0.0932
96.43	0.024	198.2	0.0488	96.43	0.032	189.2	0.0976
96.47	0.024	198.4	0.0506	96.47	0.033	189.6	0.1012
96.50	0.026	198.6	0.0533	96.50	0.036	190	0.1056
96.53	0.027	198.8	0.0533	96.53	0.037	190.3	0.1083
96.57	0.027	198.8	0.055	96.57	0.038	190.6	0.1101
96.60	0.027	199	0.0559	96.60	0.039	190.9	0.1101
96.63	0.029	199.3	0.0577	96.63	0.04	190.9	0.1127
96.68	0.029	199.3	0.0586	96.67	0.04	191.1	0.1145
96.72	0.029	199.4	0.0586	96.70	0.04	191.3	0.1145
96.73	0.029	199.6	0.0586	96.73	0.04	191.5	0.1154
96.77	0.029	199.7	0.0586	96.77	0.04	191.7	0.1154
96.80	0.029	199.8	0.0586	96.80	0.04	191.8	0.1154
96.83	0.028	199.8	0.0586	96.83	0.04	191.9	0.1154
96.87	0.028	199.9	0.0586	96.87	0.039	191.9	0.1154
96.90	0.026	199.9	0.0577	96.90	0.039	192	0.1145
96.93	0.026	199.9	0.0568	96.93	0.037	192	0.1118
96.97	0.026	199.9	0.055	96.97	0.034	192	0.1092
97.00	0.024	199.8	0.0524	97.00	0.033	192	0.1065
97.03	0.023	199.8	0.0515	97.03	0.03	191.8	0.1065
97.07	0.022	199.8	0.0488	97.08	0.028	191.7	0.0994
97.10	0.019	199.7	0.0488	97.12	0.027	191.7	0.0976
97.13	0.017	199.6	0.0462	97.13	0.024	191.4	0.0976
97.17	0.017	199.6	0.0435	97.17	0.022	191.3	0.0932
97.20	0.016	199.4	0.0408	97.20	0.022	191.3	0.0888
97.23	0.014	199.2	0.0373	97.23	0.019	191	0.0826
97.27	0.012	199.1	0.0346	97.27	0.015	190.7	0.0763
97.30	0.01	198.9	0.0311	97.30	0.012	190.4	0.071
97.33	0.008	198.7	0.0311	97.33	0.01	190.1	0.0657
97.37	0.005	198.5	0.0257	97.37	0.005	189.6	0.0657
97.40	0.005	198.5	0.0222	97.40	0.003	189.6	0.0586
97.43	0.004	198.3	0.0178	97.43	0.003	189.3	0.0541
97.47	0.002	198	0.0142	97.47	0.001	189	0.047
97.50	-0.001	197.8	0.0107	97.50	-0.004	188.5	0.0408
97.53	-0.002	197.5	0.0062	97.53	-0.006	188.1	0.0355
97.57	-0.005	197.2	0.0062	97.57	-0.008	187.7	0.0293
97.60	-0.007	197	0.0027	97.60	-0.013	187.2	0.0293
97.63	-0.007	197	-0.0009	97.63	-0.015	186.8	0.0222
97.67	-0.007	196.8	-0.0044	97.67	-0.015	186.8	0.0178
97.70	-0.009	196.5	-0.008	97.70	-0.016	186.4	0.0124
97.73	-0.012	196.2	-0.0107	97.73	-0.02	185.9	0.0071
97.77	-0.012	196	-0.0133	97.77	-0.022	185.6	0.0036
97.80	-0.013	195.8	-0.016	97.80	-0.023	185.2	0
97.83	-0.015	195.5	-0.016	97.83	-0.025	184.8	0
97.87	-0.015	195.5	-0.0178	97.87	-0.026	184.6	-0.0044
97.90	-0.015	195.3	-0.0186	97.90	-0.026	184.6	-0.0071
97.93	-0.016	195.1	-0.0204	97.93	-0.027	184.3	-0.0089
97.97	-0.017	194.9	-0.0222	97.97	-0.028	184	-0.0107
98.00	-0.017	194.8	-0.0222	98.00	-0.029	183.8	-0.0124
98.03	-0.017	194.7	-0.0231	98.03	-0.028	183.6	-0.0124
98.07	-0.017	194.6	-0.0231	98.07	-0.028	183.4	-0.0124
98.12	-0.017	194.5	-0.0231	98.10	-0.029	183.4	-0.0133
98.15	-0.017	194.4	-0.0231	98.13	-0.029	183.2	-0.0142
98.17	-0.016	194.3	-0.0231	98.17	-0.028	183.2	-0.0133
98.20	-0.015	194.3	-0.0222	98.20	-0.027	183.1	-0.0115
98.23	-0.015	194.3	-0.0213	98.23	-0.026	183.1	-0.0098
98.27	-0.015	194.3	-0.0204	98.27	-0.025	183.2	-0.008
98.30	-0.013	194.3	-0.0186	98.30	-0.021	183.2	-0.008
98.33	-0.012	194.3	-0.0178	98.33	-0.021	183.2	-0.0053
98.37	-0.012	194.4	-0.0151	98.37	-0.021	183.2	-0.0036

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
98.40	-0.009	194.5	-0.0151	98.40	-0.019	183.4	0
98.43	-0.008	194.5	-0.0124	98.43	-0.015	183.5	0.0044
98.47	-0.008	194.6	-0.0107	98.47	-0.014	183.7	0.008
98.50	-0.007	194.7	-0.008	98.50	-0.011	184	0.0133
98.53	-0.003	194.8	-0.0044	98.55	-0.009	184.1	0.016
98.57	-0.003	195	-0.0018	98.58	-0.007	184.3	0.0204
98.60	-0.001	195.2	0.0018	98.62	-0.004	184.7	0.0275
98.63	0.003	195.4	0.0018	98.65	0.001	185	0.0275
98.67	0.004	195.4	0.0062	98.67	0.001	185	0.0346
98.70	0.004	195.6	0.0098	98.70	0.003	185.3	0.0408
98.73	0.005	195.8	0.0133	98.73	0.007	185.7	0.047
98.77	0.009	196.1	0.0178	98.77	0.01	186.1	0.0524
98.80	0.01	196.3	0.0213	98.80	0.012	186.4	0.0577
98.83	0.012	196.5	0.0257	98.83	0.016	186.8	0.0577
98.87	0.014	196.8	0.0257	98.87	0.019	187.3	0.0639
98.90	0.016	197.1	0.0302	98.90	0.019	187.3	0.0701
98.93	0.016	197.1	0.0337	98.93	0.021	187.6	0.0763
98.97	0.017	197.2	0.0373	98.97	0.025	188.1	0.0817
99.00	0.02	197.6	0.0408	99.00	0.028	188.5	0.087
99.03	0.022	197.8	0.0435	99.03	0.029	188.8	0.0914
99.07	0.022	198	0.0462	99.07	0.032	189.2	0.0914
99.10	0.024	198.3	0.0462	99.10	0.033	189.6	0.0968
99.13	0.025	198.5	0.0497	99.13	0.033	189.6	0.1012
99.17	0.025	198.5	0.0515	99.17	0.035	189.9	0.1047
99.20	0.026	198.6	0.0533	99.20	0.037	190.3	0.1083
99.23	0.027	198.8	0.055	99.23	0.038	190.6	0.111
99.27	0.028	199	0.0568	99.27	0.039	190.8	0.1127
99.30	0.028	199.2	0.0568	99.30	0.04	191.1	0.1127
99.33	0.028	199.3	0.0577	99.33	0.04	191.1	0.1136
99.37	0.029	199.5	0.0577	99.37	0.04	191.3	0.1154
99.40	0.029	199.5	0.0586	99.40	0.04	191.5	0.1154
99.43	0.029	199.6	0.0586	99.43	0.04	191.7	0.1163
99.47	0.029	199.7	0.0586	99.47	0.04	191.8	0.1163
99.50	0.029	199.8	0.0586	99.50	0.04	191.9	0.1163
99.55	0.028	199.8	0.0577	99.53	0.039	192	0.1163
99.58	0.027	199.9	0.0568	99.57	0.037	192	0.1145
99.62	0.026	199.9	0.0559	99.60	0.037	192	0.1127
99.63	0.025	199.9	0.0541	99.63	0.036	192	0.1101
99.67	0.024	199.8	0.0524	99.67	0.033	191.9	0.1074
99.70	0.022	199.8	0.0524	99.70	0.031	191.9	0.1047
99.73	0.021	199.8	0.0506	99.73	0.03	191.8	0.1012
99.77	0.021	199.7	0.0488	99.77	0.026	191.6	0.1012
99.80	0.02	199.7	0.0453	99.80	0.024	191.6	0.0968
99.83	0.017	199.5	0.0426	99.83	0.024	191.5	0.0923
99.87	0.015	199.3	0.0399	99.87	0.022	191.2	0.0879
99.90	0.014	199.2	0.0364	99.90	0.017	190.9	0.0817
99.93	0.011	199	0.0364	99.93	0.015	190.7	0.0772
99.97	0.009	198.8	0.0328	99.98	0.013	190.4	0.071
100.00	0.009	198.8	0.0293	100.02	0.009	190.1	0.0675
100.03	0.008	198.7	0.0249	100.03	0.008	189.9	0.063
100.07	0.004	198.4	0.0204	100.08	0.005	189.4	0.055
100.10	0.003	198.2	0.0178	100.12	-0.001	188.9	0.055
100.13	0.002	198	0.0133	100.13	-0.002	188.9	0.0479
100.17	-0.001	197.7	0.0133	100.17	-0.002	188.6	0.0435
100.20	-0.003	197.5	0.0089	100.20	-0.004	188.2	0.0373
100.23	-0.003	197.5	0.0053	100.23	-0.009	187.7	0.0311
100.27	-0.004	197.2	0.0018	100.27	-0.011	187.4	0.0249
100.30	-0.007	196.9	-0.0027	100.30	-0.013	186.8	0.0186
100.33	-0.009	196.7	-0.0053	100.33	-0.017	186.4	0.0186
100.37	-0.01	196.5	-0.0089	100.37	-0.019	186.4	0.0124
100.40	-0.011	196.2	-0.0089	100.40	-0.019	186.1	0.0089
100.43	-0.013	195.9	-0.0115	100.43	-0.02	185.7	0.0044
100.47	-0.013	195.9	-0.0142	100.47	-0.024	185.3	0

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
100.50	-0.014	195.7	-0.016	100.50	-0.025	185	-0.0036
100.53	-0.015	195.5	-0.0178	100.53	-0.026	184.6	-0.0036
100.57	-0.016	195.2	-0.0195	100.57	-0.027	184.3	-0.0062
100.60	-0.016	195.1	-0.0204	100.60	-0.027	184.3	-0.008
100.63	-0.016	194.9	-0.0213	100.63	-0.027	184.1	-0.0098
100.67	-0.017	194.8	-0.0213	100.67	-0.028	183.8	-0.0115
100.70	-0.017	194.8	-0.0222	100.70	-0.029	183.6	-0.0124
100.73	-0.017	194.7	-0.0231	100.73	-0.029	183.4	-0.0133
100.77	-0.017	194.6	-0.0231	100.77	-0.028	183.3	-0.0133
100.80	-0.017	194.5	-0.0231	100.80	-0.028	183.2	-0.0133
100.83	-0.016	194.4	-0.0222	100.83	-0.028	183.2	-0.0124
100.87	-0.016	194.4	-0.0213	100.87	-0.027	183.1	-0.0115
100.90	-0.015	194.4	-0.0213	100.90	-0.026	183.1	-0.0098
100.93	-0.014	194.4	-0.0204	100.93	-0.024	183.1	-0.0089
100.97	-0.014	194.3	-0.0195	100.97	-0.023	183.1	-0.0062
101.02	-0.012	194.4	-0.0178	101.00	-0.02	183.2	-0.0062
101.05	-0.011	194.4	-0.0169	101.03	-0.019	183.2	-0.0036
101.07	-0.011	194.4	-0.0142	101.07	-0.019	183.3	-0.0009
101.10	-0.01	194.5	-0.0124	101.10	-0.017	183.5	0.0036
101.13	-0.007	194.7	-0.0089	101.13	-0.012	183.7	0.0089
101.17	-0.006	194.8	-0.0071	101.17	-0.012	183.8	0.0115
101.20	-0.004	194.9	-0.0036	101.20	-0.009	184.2	0.0169
101.23	-0.001	195.1	-0.0036	101.23	-0.004	184.5	0.0169
101.27	0	195.1	0	101.27	-0.003	184.5	0.0231
101.30	0	195.2	0.0027	101.30	-0.003	184.7	0.0293
101.33	0.002	195.5	0.0071	101.33	0	185.1	0.0364
101.37	0.005	195.8	0.0115	101.37	0.005	185.5	0.0426
101.40	0.006	195.9	0.0142	101.40	0.007	185.8	0.0488
101.43	0.008	196.2	0.0186	101.45	0.012	186.3	0.0559
101.47	0.012	196.5	0.0186	101.48	0.013	186.5	0.0586
101.50	0.013	196.5	0.0231	101.52	0.015	186.8	0.0639
101.53	0.013	196.6	0.0257	101.55	0.018	187.3	0.0639
101.57	0.014	196.9	0.0311	101.57	0.022	187.7	0.0692
101.60	0.017	197.2	0.0355	101.60	0.022	187.7	0.0746
101.63	0.019	197.4	0.0382	101.63	0.023	188.1	0.0808
101.67	0.019	197.6	0.0417	101.67	0.027	188.5	0.087
101.70	0.022	197.9	0.0417	101.70	0.029	188.9	0.0914
101.73	0.024	198.1	0.0453	101.73	0.031	189.2	0.0959
101.77	0.024	198.1	0.047	101.77	0.034	189.6	0.0959
101.80	0.024	198.3	0.0497	101.80	0.035	189.6	0.1003
101.83	0.026	198.6	0.0524	101.83	0.035	189.9	0.1039
101.87	0.027	198.7	0.0541	101.87	0.036	190.3	0.1074
101.90	0.027	198.9	0.0559	101.90	0.038	190.6	0.111
101.93	0.028	199.1	0.0559	101.93	0.039	190.9	0.1118
101.97	0.029	199.3	0.0568	101.97	0.039	191.1	0.1136
102.00	0.029	199.3	0.0577	102.00	0.04	191.3	0.1136
102.03	0.028	199.4	0.0577	102.03	0.04	191.3	0.1154
102.07	0.029	199.6	0.0586	102.07	0.04	191.5	0.1154
102.10	0.029	199.7	0.0586	102.10	0.04	191.7	0.1163
102.13	0.029	199.8	0.0586	102.13	0.04	191.8	0.1163
102.17	0.028	199.8	0.0586	102.17	0.04	192	0.1163
102.20	0.027	199.8	0.0586	102.20	0.039	192.1	0.1154
102.23	0.027	199.8	0.0568	102.23	0.037	192.1	0.1154
102.27	0.027	199.9	0.0559	102.27	0.035	192.1	0.1127
102.30	0.025	199.8	0.0541	102.30	0.035	192.1	0.111
102.33	0.023	199.8	0.0524	102.33	0.034	192.1	0.1083
102.37	0.023	199.8	0.0515	102.37	0.031	192	0.1056
102.40	0.022	199.7	0.0488	102.40	0.03	191.9	0.1021
102.45	0.019	199.6	0.0453	102.43	0.028	191.7	0.0968
102.48	0.019	199.6	0.0444	102.47	0.023	191.5	0.0968
102.52	0.017	199.4	0.0417	102.50	0.021	191.5	0.0923
102.53	0.014	199.3	0.0417	102.53	0.021	191.3	0.0888
102.57	0.013	199.3	0.0382	102.57	0.019	191	0.0826

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
102.60	0.013	199.2	0.0355	102.60	0.014	190.7	0.0763
102.63	0.012	199	0.032	102.63	0.013	190.5	0.0728
102.67	0.008	198.7	0.0275	102.67	0.01	190	0.0648
102.70	0.007	198.6	0.024	102.70	0.004	189.7	0.0648
102.73	0.006	198.4	0.0195	102.73	0.003	189.7	0.0586
102.77	0.002	198.1	0.0195	102.77	0.003	189.3	0.0533
102.80	0.001	198.1	0.0151	102.80	0	189	0.0479
102.83	0.001	197.9	0.0124	102.83	-0.004	188.5	0.0417
102.87	-0.001	197.7	0.008	102.88	-0.006	188.2	0.0346
102.90	-0.005	197.4	0.0036	102.92	-0.008	187.7	0.0311
102.93	-0.005	197.1	0.0009	102.95	-0.012	187.3	0.024
102.97	-0.007	196.9	-0.0036	102.98	-0.012	187	0.0204
103.00	-0.009	196.6	-0.0036	103.02	-0.016	186.5	0.0204
103.03	-0.011	196.4	-0.0071	103.03	-0.019	186.1	0.0142
103.07	-0.011	196.4	-0.0098	103.07	-0.019	186.1	0.0089
103.10	-0.011	196.2	-0.0124	103.10	-0.02	185.7	0.0044
103.13	-0.013	195.9	-0.0151	103.13	-0.023	185.3	0
103.17	-0.014	195.7	-0.0169	103.17	-0.025	185	-0.0036
103.20	-0.015	195.4	-0.0186	103.20	-0.025	184.7	-0.0044
103.23	-0.016	195.2	-0.0186	103.23	-0.027	184.4	-0.0044
103.27	-0.017	195	-0.0204	103.27	-0.028	184.1	-0.008
103.30	-0.017	195	-0.0213	103.30	-0.028	184.1	-0.0098
103.33	-0.017	194.9	-0.0222	103.33	-0.029	183.9	-0.0115
103.37	-0.017	194.7	-0.0231	103.37	-0.029	183.7	-0.0124
103.40	-0.017	194.6	-0.0231	103.40	-0.029	183.5	-0.0133
103.43	-0.017	194.5	-0.0231	103.43	-0.029	183.3	-0.0133
103.47	-0.017	194.5	-0.0231	103.47	-0.028	183.2	-0.0133
103.50	-0.016	194.4	-0.0231	103.50	-0.027	183.1	-0.0133
103.53	-0.016	194.4	-0.0222	103.53	-0.027	183.1	-0.0124
103.57	-0.016	194.4	-0.0213	103.57	-0.027	183.1	-0.0107
103.60	-0.015	194.4	-0.0204	103.60	-0.024	183.1	-0.0089
103.63	-0.013	194.4	-0.0186	103.63	-0.023	183.1	-0.0071
103.67	-0.013	194.4	-0.0178	103.67	-0.022	183.2	-0.0044
103.70	-0.011	194.5	-0.0151	103.70	-0.018	183.4	-0.0044
103.73	-0.009	194.6	-0.0151	103.73	-0.017	183.4	-0.0009
103.77	-0.008	194.6	-0.0124	103.77	-0.017	183.5	0.0027
103.80	-0.008	194.6	-0.0098	103.80	-0.015	183.7	0.0062
103.83	-0.006	194.8	-0.0071	103.83	-0.011	184	0.0115
103.87	-0.003	194.9	-0.0044	103.87	-0.009	184.1	0.016
103.92	-0.003	195	-0.0018	103.90	-0.007	184.4	0.0222
103.95	-0.002	195.2	0.0009	103.93	-0.002	184.8	0.0222
103.97	0.001	195.4	0.0044	103.97	0	184.8	0.0293
104.00	0.002	195.6	0.0071	104.00	0	185	0.0337
104.03	0.004	195.9	0.0124	104.03	0.003	185.4	0.0408
104.07	0.009	196.1	0.0124	104.07	0.008	185.8	0.047
104.10	0.009	196.1	0.0169	104.10	0.01	186.1	0.0533
104.13	0.009	196.3	0.0204	104.13	0.014	186.6	0.0533
104.17	0.011	196.5	0.024	104.17	0.017	187	0.0595
104.20	0.014	196.8	0.0284	104.20	0.017	187	0.0648
104.23	0.015	197	0.032	104.23	0.019	187.3	0.071
104.27	0.016	197.3	0.0355	104.27	0.022	187.8	0.0772
104.30	0.02	197.5	0.0355	104.30	0.026	188.2	0.0826
104.33	0.02	197.5	0.0399	104.35	0.027	188.5	0.0879
104.37	0.02	197.7	0.0417	104.38	0.028	188.9	0.0905
104.40	0.022	198	0.0453	104.40	0.032	189.3	0.0959
104.43	0.024	198.2	0.0488	104.45	0.032	189.6	0.0994
104.47	0.025	198.4	0.0506	104.48	0.035	190	0.0994
104.50	0.026	198.6	0.0524	104.50	0.037	190.3	0.1039
104.53	0.027	198.8	0.0524	104.53	0.037	190.3	0.1074
104.57	0.027	198.8	0.055	104.57	0.037	190.6	0.1101
104.60	0.027	199	0.0559	104.60	0.039	190.9	0.1118
104.63	0.028	199.2	0.0568	104.63	0.04	191.1	0.1136
104.67	0.029	199.3	0.0577	104.67	0.04	191.3	0.1145

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
104.70	0.029	199.5	0.0586	104.70	0.04	191.5	0.1145
104.73	0.029	199.6	0.0586	104.73	0.04	191.5	0.1154
104.77	0.029	199.7	0.0586	104.77	0.04	191.7	0.1163
104.80	0.028	199.7	0.0586	104.80	0.04	191.9	0.1154
104.83	0.028	199.8	0.0586	104.83	0.04	192	0.1154
104.87	0.028	199.9	0.0586	104.87	0.039	192.1	0.1154
104.90	0.027	199.9	0.0568	104.90	0.038	192.2	0.1127
104.93	0.026	199.9	0.0559	104.93	0.035	192.1	0.1127
104.97	0.025	199.9	0.0541	104.97	0.034	192.1	0.1101
105.00	0.023	199.8	0.0541	105.00	0.034	192.1	0.1083
105.03	0.022	199.8	0.0524	105.03	0.032	192	0.1047
105.07	0.022	199.8	0.0506	105.07	0.029	191.9	0.1021
105.10	0.021	199.8	0.0479	105.10	0.027	191.8	0.0985
105.13	0.018	199.6	0.0444	105.13	0.025	191.6	0.0932
105.17	0.017	199.5	0.0426	105.17	0.021	191.3	0.0932
105.20	0.015	199.4	0.0391	105.20	0.019	191.3	0.0888
105.23	0.013	199.2	0.0391	105.23	0.019	191.1	0.0843
105.27	0.011	199	0.0355	105.27	0.017	190.9	0.0781
105.30	0.011	199	0.0328	105.30	0.012	190.4	0.0719
105.33	0.01	198.9	0.0293	105.33	0.01	190.2	0.0675
105.38	0.006	198.5	0.024	105.37	0.007	189.9	0.0604
105.42	0.006	198.5	0.0222	105.40	0.002	189.4	0.0604
105.43	0.004	198.3	0.0178	105.43	0	189.4	0.0533
105.47	0.001	198	0.0142	105.47	0	189.1	0.0488
105.50	-0.001	197.8	0.0107	105.50	-0.002	188.7	0.0426
105.53	-0.002	197.6	0.0062	105.53	-0.007	188.2	0.0355
105.57	-0.005	197.2	0.0062	105.57	-0.009	187.8	0.0302
105.60	-0.006	197	0.0018	105.60	-0.011	187.4	0.024
105.63	-0.006	197	-0.0009	105.63	-0.015	186.9	0.024
105.67	-0.008	196.8	-0.0044	105.67	-0.017	186.9	0.0178
105.70	-0.009	196.5	-0.008	105.70	-0.017	186.5	0.0133
105.73	-0.011	196.3	-0.0107	105.73	-0.018	186.1	0.008
105.77	-0.012	196	-0.0133	105.78	-0.022	185.7	0.0036
105.80	-0.014	195.8	-0.0133	105.82	-0.022	185.4	0.0009
105.83	-0.015	195.6	-0.016	105.85	-0.024	185	-0.0027
105.87	-0.015	195.6	-0.0178	105.87	-0.026	184.7	-0.0062
105.90	-0.015	195.4	-0.0195	105.92	-0.026	184.4	-0.008
105.93	-0.016	195.1	-0.0204	105.93	-0.027	184.1	-0.0107
105.97	-0.017	195	-0.0222	105.97	-0.029	183.8	-0.0107
106.00	-0.017	194.8	-0.0222	106.00	-0.028	183.8	-0.0124
106.03	-0.017	194.7	-0.0222	106.03	-0.028	183.7	-0.0124
106.07	-0.017	194.6	-0.0222	106.07	-0.029	183.5	-0.0133
106.10	-0.017	194.6	-0.0231	106.10	-0.029	183.3	-0.0142
106.13	-0.017	194.5	-0.0231	106.13	-0.028	183.2	-0.0133
106.17	-0.017	194.4	-0.0231	106.17	-0.028	183.2	-0.0124
106.20	-0.016	194.4	-0.0222	106.20	-0.026	183.1	-0.0124
106.23	-0.015	194.4	-0.0213	106.23	-0.025	183.1	-0.0115
106.27	-0.015	194.4	-0.0195	106.27	-0.025	183.1	-0.0098
106.30	-0.013	194.4	-0.0195	106.30	-0.024	183.1	-0.0071
106.33	-0.012	194.4	-0.0178	106.33	-0.021	183.2	-0.0053
106.37	-0.012	194.4	-0.0169	106.37	-0.02	183.3	-0.0018
106.40	-0.011	194.5	-0.0142	106.40	-0.018	183.5	0.0018
106.43	-0.008	194.6	-0.0115	106.43	-0.014	183.7	0.0018
106.47	-0.007	194.7	-0.0089	106.47	-0.013	183.7	0.0053
106.50	-0.006	194.9	-0.0062	106.50	-0.013	183.8	0.0098
106.53	-0.002	195	-0.0062	106.53	-0.01	184.1	0.0142
106.57	-0.002	195	-0.0027	106.57	-0.006	184.4	0.0204
106.60	-0.002	195.1	0	106.60	-0.004	184.6	0.0275
106.63	0	195.4	0.0036	106.63	0	185	0.0275
106.67	0.004	195.6	0.008	106.67	0.003	185.3	0.0337
106.70	0.005	195.8	0.0115	106.70	0.003	185.3	0.0391
106.73	0.006	196.1	0.0151	106.73	0.005	185.6	0.0453
106.77	0.01	196.3	0.0151	106.77	0.01	186.1	0.0524

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
106.82	0.011	196.5	0.0213	106.80	0.013	186.4	0.0577
106.85	0.011	196.7	0.0249	106.83	0.015	186.8	0.063
106.88	0.015	197	0.0249	106.87	0.019	187.3	0.063
106.90	0.016	197	0.0302	106.90	0.021	187.6	0.0692
106.93	0.016	197.2	0.0337	106.93	0.021	187.6	0.0746
106.97	0.017	197.4	0.0373	106.97	0.023	188	0.0808
107.00	0.021	197.7	0.0408	107.00	0.027	188.5	0.087
107.03	0.021	197.9	0.0435	107.03	0.029	188.8	0.0914
107.07	0.022	198.1	0.047	107.07	0.03	189.2	0.0959
107.10	0.025	198.4	0.047	107.10	0.034	189.6	0.0959
107.13	0.025	198.4	0.0497	107.13	0.035	189.6	0.1012
107.17	0.025	198.5	0.0515	107.17	0.035	190	0.1047
107.20	0.026	198.7	0.0533	107.20	0.036	190.3	0.1074
107.23	0.027	199	0.055	107.25	0.038	190.6	0.1101
107.27	0.027	199.1	0.0559	107.28	0.038	190.8	0.111
107.30	0.028	199.3	0.0577	107.30	0.039	191.1	0.1136
107.33	0.029	199.4	0.0577	107.33	0.04	191.3	0.1145
107.37	0.029	199.4	0.0586	107.37	0.04	191.5	0.1163
107.40	0.029	199.6	0.0586	107.40	0.04	191.7	0.1163
107.43	0.029	199.7	0.0586	107.43	0.04	191.9	0.1163
107.47	0.029	199.8	0.0586	107.47	0.04	191.9	0.1163
107.50	0.028	199.8	0.0586	107.50	0.04	192	0.1163
107.53	0.028	199.9	0.0568	107.53	0.04	192.1	0.1163
107.57	0.026	199.9	0.0568	107.57	0.038	192.2	0.1145
107.60	0.026	199.9	0.0559	107.60	0.036	192.2	0.1118
107.63	0.026	199.9	0.055	107.63	0.035	192.2	0.1092
107.67	0.025	199.9	0.0533	107.67	0.032	192	0.1092
107.70	0.022	199.8	0.0506	107.70	0.03	192	0.1065
107.73	0.021	199.8	0.0488	107.73	0.03	192	0.1039
107.77	0.02	199.8	0.0462	107.77	0.028	191.8	0.0994
107.80	0.017	199.6	0.0462	107.80	0.025	191.6	0.095
107.83	0.017	199.6	0.0435	107.83	0.023	191.5	0.0914
107.87	0.017	199.5	0.0417	107.87	0.021	191.3	0.0861
107.90	0.015	199.3	0.0373	107.90	0.016	190.9	0.0861
107.93	0.011	199.1	0.0337	107.93	0.014	190.9	0.0799
107.97	0.01	199	0.0311	107.97	0.014	190.7	0.0754
108.00	0.009	198.8	0.0275	108.00	0.011	190.3	0.0675
108.03	0.006	198.6	0.0275	108.03	0.006	189.9	0.0612
108.07	0.004	198.4	0.0222	108.07	0.004	189.6	0.0559
108.10	0.004	198.4	0.0186	108.10	0.002	189.2	0.0506
108.13	0.003	198.2	0.0151	108.13	-0.004	188.7	0.0506
108.17	-0.001	197.8	0.0107	108.17	-0.004	188.7	0.0426
108.20	-0.003	197.6	0.0071	108.20	-0.004	188.4	0.0391
108.23	-0.003	197.4	0.0036	108.23	-0.007	187.9	0.032
108.28	-0.006	197.1	-0.0009	108.27	-0.012	187.5	0.024
108.32	-0.007	196.9	-0.0027	108.30	-0.013	187.1	0.0204
108.33	-0.008	196.7	-0.0062	108.33	-0.015	186.6	0.0142
108.37	-0.01	196.3	-0.0062	108.37	-0.02	186.2	0.0142
108.40	-0.012	196.1	-0.0098	108.40	-0.02	186.2	0.008
108.43	-0.012	196.1	-0.0124	108.43	-0.02	185.8	0.0044
108.47	-0.013	195.9	-0.0142	108.47	-0.023	185.4	0
108.50	-0.014	195.7	-0.0169	108.50	-0.025	185	-0.0036
108.53	-0.015	195.5	-0.0186	108.53	-0.025	184.7	-0.0062
108.57	-0.016	195.3	-0.0195	108.57	-0.027	184.4	-0.0062
108.60	-0.016	195.1	-0.0213	108.60	-0.028	184.2	-0.0089
108.63	-0.017	194.9	-0.0213	108.63	-0.028	184.2	-0.0107
108.67	-0.017	194.9	-0.0222	108.67	-0.028	183.9	-0.0124
108.70	-0.017	194.8	-0.0222	108.72	-0.029	183.5	-0.0133
108.73	-0.017	194.7	-0.0231	108.75	-0.029	183.5	-0.0142
108.77	-0.017	194.5	-0.024	108.78	-0.029	183.4	-0.0142
108.80	-0.017	194.5	-0.0231	108.82	-0.029	183.2	-0.0142
108.83	-0.017	194.4	-0.0222	108.83	-0.028	183.1	-0.0133
108.87	-0.016	194.4	-0.0222	108.87	-0.027	183.1	-0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
108.90	-0.015	194.4	-0.0213	108.90	-0.024	183.1	-0.0115
108.93	-0.015	194.4	-0.0204	108.93	-0.024	183.1	-0.0098
108.97	-0.014	194.4	-0.0195	108.97	-0.024	183.1	-0.0089
109.00	-0.012	194.4	-0.0178	109.00	-0.023	183.2	-0.0062
109.03	-0.011	194.4	-0.016	109.03	-0.019	183.3	-0.0027
109.07	-0.01	194.5	-0.0133	109.07	-0.018	183.4	0
109.10	-0.007	194.7	-0.0133	109.10	-0.016	183.6	0.0044
109.13	-0.007	194.7	-0.0107	109.13	-0.011	183.9	0.0044
109.17	-0.007	194.7	-0.0089	109.17	-0.011	183.9	0.0089
109.20	-0.005	194.9	-0.0053	109.20	-0.011	184	0.0133
109.23	-0.001	195.1	-0.0018	109.23	-0.008	184.3	0.0186
109.27	-0.001	195.2	0.0009	109.27	-0.003	184.7	0.0257
109.30	0.001	195.5	0.0053	109.30	-0.001	184.9	0.032
109.33	0.005	195.7	0.0053	109.33	0.001	185.3	0.0382
109.37	0.005	195.7	0.0098	109.37	0.006	185.7	0.0382
109.40	0.005	195.9	0.0124	109.40	0.008	185.7	0.0444
109.43	0.007	196.2	0.0169	109.43	0.008	185.9	0.0497
109.47	0.011	196.4	0.0222	109.47	0.011	186.4	0.0559
109.50	0.011	196.6	0.024	109.50	0.016	186.8	0.0621
109.53	0.013	196.8	0.0293	109.53	0.017	187.2	0.0683
109.57	0.017	197.1	0.0293	109.57	0.021	187.7	0.0683
109.60	0.018	197.1	0.0337	109.60	0.024	188	0.0746
109.63	0.018	197.3	0.0364	109.63	0.024	188	0.079
109.67	0.019	197.6	0.0399	109.67	0.026	188.4	0.0852
109.72	0.022	197.9	0.0435	109.70	0.029	188.9	0.0905
109.75	0.022	198	0.0453	109.73	0.032	189.2	0.0959
109.78	0.023	198.2	0.0479	109.77	0.033	189.5	0.1003
109.80	0.025	198.5	0.0497	109.80	0.035	189.9	0.1003
109.83	0.026	198.7	0.0515	109.83	0.037	189.9	0.1039
109.87	0.026	198.8	0.0541	109.87	0.037	190.3	0.1074
109.90	0.027	199.1	0.0541	109.90	0.037	190.5	0.1101
109.93	0.028	199.2	0.0559	109.93	0.039	190.8	0.1118
109.97	0.028	199.2	0.0568	109.97	0.04	191.1	0.1136
110.00	0.028	199.4	0.0577	110.00	0.04	191.3	0.1154
110.03	0.029	199.5	0.0577	110.03	0.04	191.5	0.1154
110.07	0.029	199.7	0.0586	110.07	0.04	191.5	0.1163
110.10	0.029	199.8	0.0586	110.10	0.04	191.7	0.1163
110.13	0.029	199.8	0.0586	110.15	0.04	192	0.1163
110.17	0.028	199.9	0.0586	110.18	0.04	192.1	0.1163
110.20	0.028	199.9	0.0577	110.22	0.04	192.1	0.1163
110.23	0.027	199.9	0.0568	110.25	0.039	192.2	0.1154
110.27	0.026	199.9	0.055	110.28	0.036	192.2	0.1127
110.30	0.025	199.9	0.0533	110.30	0.034	192.1	0.1101
110.33	0.024	199.9	0.0524	110.33	0.033	192.1	0.1074
110.37	0.023	199.8	0.0506	110.37	0.03	192	0.1074
110.40	0.021	199.8	0.0506	110.40	0.029	192	0.1039
110.43	0.019	199.8	0.0479	110.43	0.029	191.9	0.1003
110.47	0.019	199.7	0.0462	110.47	0.026	191.7	0.0959
110.50	0.018	199.6	0.0426	110.50	0.022	191.5	0.0914
110.53	0.015	199.4	0.0391	110.53	0.02	191.3	0.087
110.57	0.014	199.3	0.0373	110.57	0.018	191	0.0817
110.60	0.013	199.1	0.0328	110.60	0.013	190.7	0.0817
110.63	0.009	198.9	0.0328	110.63	0.011	190.7	0.0746
110.67	0.008	198.9	0.0293	110.67	0.011	190.4	0.0701
110.70	0.008	198.7	0.0249	110.70	0.009	190	0.063
110.73	0.006	198.5	0.0213	110.73	0.003	189.6	0.0559
110.77	0.002	198.3	0.0169	110.77	0.002	189.3	0.0515
110.80	0.002	198.1	0.0142	110.80	-0.001	188.8	0.0444
110.83	0	197.8	0.0098	110.83	-0.006	188.4	0.0444
110.87	-0.004	197.5	0.0098	110.87	-0.007	188.4	0.0382
110.90	-0.005	197.5	0.0053	110.90	-0.007	188	0.0328
110.93	-0.005	197.3	0.0018	110.93	-0.009	187.6	0.0275
110.97	-0.006	197	-0.0018	110.97	-0.014	187.1	0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
111.00	-0.009	196.8	-0.0053	111.00	-0.016	186.7	0.0142
111.03	-0.01	196.5	-0.008	111.03	-0.018	186.2	0.0098
111.07	-0.011	196.3	-0.0115	111.07	-0.021	185.8	0.0098
111.10	-0.013	196	-0.0115	111.10	-0.021	185.8	0.0044
111.13	-0.014	195.8	-0.0142	111.13	-0.022	185.5	0.0009
111.18	-0.014	195.6	-0.0169	111.17	-0.024	185.1	-0.0027
111.22	-0.015	195.4	-0.0169	111.20	-0.026	184.8	-0.0053
111.23	-0.016	195.2	-0.0186	111.23	-0.026	184.5	-0.008
111.27	-0.016	195.2	-0.0204	111.27	-0.028	184.2	-0.008
111.30	-0.017	195	-0.0222	111.30	-0.028	184.2	-0.0107
111.33	-0.017	194.9	-0.0222	111.33	-0.028	184	-0.0124
111.37	-0.017	194.7	-0.0231	111.37	-0.029	183.8	-0.0133
111.40	-0.017	194.6	-0.0231	111.40	-0.029	183.6	-0.0133
111.43	-0.017	194.5	-0.0231	111.43	-0.029	183.4	-0.0142
111.47	-0.017	194.5	-0.0231	111.47	-0.028	183.3	-0.0133
111.50	-0.017	194.5	-0.0231	111.50	-0.027	183.2	-0.0133
111.53	-0.016	194.4	-0.0222	111.53	-0.026	183.2	-0.0124
111.57	-0.016	194.4	-0.0213	111.57	-0.026	183.2	-0.0115
111.60	-0.014	194.4	-0.0195	111.62	-0.024	183.2	-0.0098
111.63	-0.013	194.4	-0.0186	111.65	-0.023	183.2	-0.0089
111.67	-0.012	194.5	-0.0169	111.68	-0.023	183.2	-0.0071
111.70	-0.01	194.5	-0.0169	111.72	-0.021	183.4	-0.0036
111.73	-0.01	194.5	-0.0151	111.75	-0.017	183.5	0
111.77	-0.01	194.6	-0.0133	111.77	-0.016	183.6	0.0036
111.80	-0.008	194.7	-0.0107	111.80	-0.014	183.8	0.008
111.83	-0.005	194.8	-0.0071	111.83	-0.009	184.1	0.008
111.87	-0.004	194.9	-0.0044	111.87	-0.008	184.1	0.0133
111.90	-0.003	195.1	-0.0009	111.90	-0.008	184.3	0.0178
111.93	0.001	195.4	-0.0009	111.93	-0.005	184.6	0.024
111.97	0.002	195.4	0.0027	111.97	0	185	0.0311
112.00	0.002	195.5	0.0062	112.00	0.001	185.2	0.0373
112.03	0.004	195.8	0.0107	112.03	0.005	185.7	0.0373
112.07	0.007	196	0.0151	112.07	0.009	186	0.0444
112.10	0.008	196.2	0.0178	112.10	0.009	186	0.0497
112.13	0.01	196.5	0.0222	112.13	0.011	186.3	0.0559
112.17	0.014	196.7	0.0222	112.17	0.015	186.8	0.0621
112.20	0.014	196.7	0.0275	112.20	0.018	187.2	0.0675
112.23	0.014	196.9	0.0311	112.23	0.02	187.6	0.0737
112.27	0.016	197.2	0.0346	112.27	0.024	188	0.0737
112.30	0.019	197.5	0.0382	112.30	0.026	188	0.0799
112.33	0.02	197.7	0.0408	112.33	0.026	188.4	0.0852
112.37	0.021	197.9	0.0444	112.37	0.028	188.8	0.0905
112.40	0.024	198.2	0.0444	112.40	0.032	189.2	0.0959
112.43	0.024	198.2	0.047	112.43	0.032	189.5	0.0985
112.47	0.024	198.4	0.0497	112.47	0.034	189.9	0.1039
112.50	0.025	198.6	0.0524	112.50	0.037	190.3	0.1039
112.53	0.027	198.8	0.0533	112.53	0.038	190.3	0.1074
112.57	0.027	199	0.055	112.57	0.038	190.5	0.1092
112.60	0.028	199.1	0.0559	112.60	0.038	190.8	0.1127
112.65	0.028	199.3	0.0568	112.63	0.04	191.1	0.1145
112.68	0.028	199.4	0.0577	112.67	0.04	191.3	0.1154
112.70	0.029	199.6	0.0586	112.70	0.04	191.5	0.1163
112.73	0.029	199.7	0.0586	112.73	0.04	191.7	0.1163
112.77	0.029	199.7	0.0586	112.77	0.04	191.7	0.1163
112.80	0.029	199.8	0.0586	112.80	0.04	191.8	0.1163
112.83	0.029	199.9	0.0586	112.83	0.04	192	0.1163
112.87	0.028	199.9	0.0577	112.87	0.039	192.1	0.1163
112.90	0.027	199.9	0.0568	112.90	0.038	192.2	0.1136
112.93	0.026	200	0.055	112.93	0.036	192.1	0.111
112.97	0.025	199.9	0.055	112.97	0.033	192.1	0.111
113.00	0.023	199.9	0.0533	113.00	0.032	192.1	0.1083
113.03	0.023	199.9	0.0515	113.05	0.031	192	0.1047
113.07	0.022	199.9	0.0497	113.08	0.028	191.9	0.1047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
113.10	0.02	199.8	0.047	113.12	0.027	191.9	0.1021
113.13	0.018	199.7	0.0444	113.13	0.027	191.8	0.0968
113.17	0.017	199.6	0.0417	113.18	0.024	191.5	0.0923
113.20	0.015	199.4	0.0417	113.20	0.019	191.3	0.087
113.23	0.012	199.2	0.0382	113.23	0.018	191.1	0.0817
113.27	0.012	199.2	0.0355	113.27	0.015	190.7	0.0754
113.30	0.011	199.1	0.032	113.30	0.01	190.4	0.0754
113.33	0.009	198.8	0.0284	113.33	0.01	190.4	0.0692
113.37	0.006	198.6	0.024	113.37	0.009	190.1	0.0639
113.40	0.005	198.5	0.0195	113.40	0.005	189.6	0.0568
113.43	0.003	198.2	0.0195	113.43	0.001	189.3	0.0506
113.47	0	198	0.016	113.47	-0.001	188.9	0.0453
113.50	0	198	0.0115	113.50	-0.006	188.4	0.0453
113.53	-0.001	197.8	0.008	113.53	-0.007	188.4	0.0382
113.57	-0.004	197.4	0.0036	113.57	-0.007	188.1	0.0328
113.60	-0.006	197.2	0	113.60	-0.009	187.7	0.0275
113.63	-0.007	197	-0.0036	113.63	-0.014	187.2	0.0195
113.67	-0.009	196.6	-0.0036	113.67	-0.015	186.7	0.0151
113.70	-0.011	196.4	-0.0071	113.70	-0.017	186.3	0.0098
113.73	-0.011	196.4	-0.0098	113.73	-0.021	185.9	0.0098
113.77	-0.012	196.2	-0.0124	113.77	-0.022	185.9	0.0044
113.80	-0.013	195.9	-0.0151	113.80	-0.022	185.6	0.0009
113.83	-0.015	195.7	-0.0169	113.83	-0.023	185.2	-0.0027
113.87	-0.015	195.6	-0.0186	113.87	-0.026	184.8	-0.0062
113.90	-0.016	195.3	-0.0204	113.90	-0.027	184.5	-0.008
113.93	-0.017	195.1	-0.0204	113.93	-0.027	184.2	-0.0107
113.97	-0.017	195.1	-0.0213	113.97	-0.028	184	-0.0107
114.00	-0.017	194.9	-0.0222	114.00	-0.029	184	-0.0124
114.03	-0.017	194.8	-0.0231	114.03	-0.029	183.8	-0.0133
114.08	-0.017	194.7	-0.0231	114.07	-0.029	183.6	-0.0142
114.12	-0.017	194.6	-0.0231	114.10	-0.029	183.4	-0.0142
114.13	-0.017	194.5	-0.0231	114.13	-0.028	183.3	-0.0142
114.17	-0.017	194.4	-0.0231	114.17	-0.028	183.2	-0.0133
114.20	-0.016	194.4	-0.0222	114.20	-0.026	183.2	-0.0133
114.23	-0.015	194.4	-0.0204	114.23	-0.025	183.2	-0.0115
114.27	-0.014	194.4	-0.0204	114.27	-0.025	183.2	-0.0107
114.30	-0.013	194.4	-0.0195	114.30	-0.024	183.2	-0.008
114.33	-0.013	194.4	-0.0186	114.33	-0.021	183.3	-0.0053
114.37	-0.012	194.5	-0.016	114.37	-0.02	183.4	-0.0027
114.40	-0.01	194.5	-0.0142	114.40	-0.018	183.6	0.0009
114.43	-0.009	194.6	-0.0124	114.43	-0.014	183.7	0.0009
114.47	-0.007	194.7	-0.0089	114.47	-0.014	183.7	0.0053
114.50	-0.004	194.9	-0.0089	114.52	-0.01	184.1	0.0098
114.53	-0.003	194.9	-0.0053	114.55	-0.008	184.3	0.0124
114.57	-0.003	195	-0.0027	114.58	-0.008	184.3	0.0169
114.60	-0.002	195.2	0.0009	114.62	-0.005	184.5	0.024
114.63	0.002	195.4	0.0044	114.65	-0.001	185	0.0311
114.67	0.003	195.6	0.008	114.67	0.002	185.3	0.0373
114.70	0.004	195.9	0.0124	114.70	0.004	185.5	0.0426
114.73	0.009	196.1	0.0124	114.73	0.009	186	0.0426
114.77	0.009	196.1	0.0169	114.77	0.011	186.3	0.0488
114.80	0.009	196.3	0.0186	114.80	0.011	186.3	0.0541
114.83	0.011	196.5	0.0231	114.83	0.013	186.7	0.0604
114.87	0.014	196.8	0.0284	114.87	0.018	187.2	0.0675
114.90	0.015	197	0.0311	114.90	0.02	187.6	0.0728
114.93	0.016	197.3	0.0355	114.93	0.022	187.9	0.0781
114.97	0.02	197.6	0.0355	114.97	0.026	188.4	0.0781
115.00	0.02	197.8	0.0399	115.00	0.028	188.4	0.0843
115.03	0.02	197.8	0.0417	115.03	0.028	188.7	0.0888
115.07	0.022	198	0.0453	115.07	0.03	189.1	0.095
115.10	0.024	198.3	0.0479	115.10	0.034	189.6	0.0994
115.13	0.025	198.5	0.0497	115.13	0.034	189.9	0.1021
115.17	0.026	198.7	0.0524	115.17	0.035	190.2	0.1065

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
115.20	0.027	198.9	0.0524	115.20	0.038	190.6	0.1065
115.23	0.027	199.1	0.0541	115.23	0.039	190.6	0.1101
115.27	0.027	199.1	0.0559	115.27	0.039	190.8	0.1118
115.30	0.028	199.2	0.0568	115.30	0.039	191.1	0.1136
115.33	0.029	199.4	0.0577	115.33	0.04	191.3	0.1154
115.37	0.029	199.6	0.0586	115.37	0.04	191.5	0.1163
115.40	0.029	199.7	0.0586	115.40	0.04	191.7	0.1163
115.43	0.029	199.8	0.0586	115.43	0.04	191.9	0.1163
115.47	0.029	199.8	0.0586	115.47	0.04	191.9	0.1172
115.50	0.029	199.8	0.0586	115.50	0.04	192	0.1163
115.55	0.027	200	0.0568	115.53	0.04	192.1	0.1163
115.58	0.026	200	0.0568	115.57	0.038	192.2	0.1154
115.60	0.026	200	0.0559	115.60	0.036	192.2	0.1127
115.63	0.026	200	0.055	115.63	0.035	192.2	0.1092
115.67	0.024	199.9	0.0524	115.67	0.032	192.1	0.1092
115.70	0.023	199.9	0.0506	115.70	0.03	192.1	0.1065
115.73	0.021	199.8	0.0488	115.73	0.03	192	0.1039
115.77	0.02	199.8	0.0462	115.77	0.028	191.9	0.0994
115.80	0.017	199.6	0.0462	115.80	0.024	191.6	0.095
115.83	0.016	199.6	0.0435	115.83	0.023	191.5	0.0914
115.87	0.016	199.6	0.0408	115.87	0.021	191.2	0.0861
115.90	0.015	199.4	0.0373	115.90	0.015	190.9	0.0861
115.93	0.011	199.2	0.0337	115.95	0.014	190.7	0.0763
115.97	0.011	199	0.0302	115.98	0.013	190.5	0.0719
116.00	0.009	198.8	0.0257	116.02	0.008	190.1	0.0719
116.03	0.005	198.6	0.0257	116.05	0.006	190.1	0.0648
116.07	0.004	198.6	0.0213	116.08	0.006	189.8	0.0595
116.10	0.004	198.4	0.0186	116.10	0.003	189.3	0.0524
116.13	0.003	198.1	0.0142	116.13	-0.002	188.9	0.0453
116.17	-0.001	197.8	0.0098	116.17	-0.003	188.6	0.0399
116.20	-0.002	197.7	0.0071	116.20	-0.007	188.1	0.0337
116.23	-0.003	197.4	0.0036	116.23	-0.011	187.7	0.0337
116.27	-0.007	197.1	0.0036	116.27	-0.011	187.7	0.0275
116.30	-0.008	197.1	-0.0009	116.30	-0.012	187.3	0.0222
116.33	-0.008	196.9	-0.0036	116.33	-0.015	186.8	0.016
116.37	-0.009	196.6	-0.0071	116.37	-0.018	186.4	0.0115
116.40	-0.011	196.4	-0.0107	116.40	-0.019	186	0.0062
116.43	-0.012	196.1	-0.0124	116.43	-0.023	185.6	0.0062
116.47	-0.013	195.9	-0.0151	116.47	-0.024	185.6	0.0009
116.50	-0.015	195.7	-0.0151	116.50	-0.024	185.2	-0.0027
116.53	-0.015	195.7	-0.0178	116.53	-0.025	184.9	-0.0062
116.57	-0.015	195.5	-0.0186	116.57	-0.027	184.5	-0.0089
116.60	-0.016	195.2	-0.0204	116.60	-0.027	184.3	-0.0107
116.63	-0.017	195.1	-0.0222	116.63	-0.028	184.1	-0.0115
116.67	-0.017	194.9	-0.0231	116.67	-0.029	183.8	-0.0115
116.70	-0.017	194.8	-0.0231	116.70	-0.029	183.8	-0.0133
116.73	-0.017	194.7	-0.0231	116.73	-0.029	183.6	-0.0142
116.77	-0.017	194.6	-0.0231	116.77	-0.029	183.5	-0.0142
116.80	-0.017	194.6	-0.0231	116.80	-0.028	183.4	-0.0142
116.83	-0.017	194.5	-0.0231	116.83	-0.028	183.3	-0.0133
116.87	-0.016	194.5	-0.0222	116.87	-0.027	183.2	-0.0124
116.90	-0.015	194.4	-0.0213	116.90	-0.025	183.2	-0.0124
116.93	-0.015	194.4	-0.0195	116.93	-0.024	183.2	-0.0107
116.98	-0.013	194.5	-0.0178	116.97	-0.024	183.2	-0.0089
117.02	-0.012	194.4	-0.0169	117.00	-0.023	183.3	-0.0062
117.05	-0.011	194.5	-0.0151	117.03	-0.019	183.4	-0.0027
117.07	-0.009	194.6	-0.0151	117.07	-0.018	183.5	0
117.10	-0.008	194.7	-0.0124	117.10	-0.016	183.7	0.0044
117.13	-0.008	194.7	-0.0107	117.13	-0.012	183.9	0.0044
117.17	-0.007	194.8	-0.0071	117.17	-0.012	183.9	0.0098
117.20	-0.004	195	-0.0036	117.20	-0.01	184.1	0.0142
117.23	-0.002	195.1	-0.0009	117.23	-0.007	184.4	0.0195
117.27	-0.001	195.3	0.0027	117.27	-0.003	184.7	0.0249

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
117.30	0.002	195.6	0.0027	117.30	-0.002	184.9	0.032
117.33	0.004	195.8	0.0062	117.33	0.003	185.4	0.032
117.37	0.004	195.8	0.0098	117.37	0.006	185.7	0.0391
117.40	0.006	196	0.0142	117.42	0.008	186	0.0479
117.43	0.008	196.2	0.0178	117.45	0.01	186.3	0.0479
117.47	0.011	196.5	0.0213	117.48	0.013	186.7	0.0533
117.50	0.012	196.7	0.0257	117.52	0.013	186.7	0.0586
117.53	0.014	196.9	0.0302	117.55	0.016	187.1	0.0666
117.57	0.017	197.2	0.0302	117.57	0.021	187.6	0.0728
117.60	0.017	197.2	0.0337	117.60	0.022	187.9	0.0772
117.63	0.018	197.4	0.0373	117.63	0.024	188.3	0.0834
117.67	0.019	197.7	0.0408	117.67	0.029	188.8	0.0834
117.70	0.022	197.9	0.0444	117.70	0.03	188.8	0.0888
117.73	0.022	198.1	0.047	117.73	0.03	189.1	0.0932
117.77	0.024	198.4	0.0497	117.77	0.031	189.5	0.0985
117.80	0.026	198.6	0.0497	117.80	0.035	189.9	0.103
117.83	0.026	198.6	0.0515	117.83	0.035	190.2	0.1056
117.87	0.026	198.8	0.0533	117.87	0.037	190.5	0.1092
117.90	0.027	199	0.055	117.90	0.039	190.9	0.1092
117.93	0.028	199.2	0.0559	117.93	0.039	190.9	0.1118
117.97	0.028	199.3	0.0568	117.97	0.039	191.1	0.1136
118.00	0.029	199.4	0.0577	118.00	0.04	191.3	0.1145
118.03	0.029	199.6	0.0577	118.03	0.04	191.5	0.1154
118.07	0.029	199.6	0.0586	118.07	0.04	191.7	0.1163
118.10	0.029	199.7	0.0586	118.10	0.04	191.9	0.1163
118.13	0.029	199.8	0.0586	118.13	0.04	192	0.1163
118.17	0.028	199.9	0.0586	118.17	0.039	192	0.1163
118.20	0.028	199.9	0.0577	118.20	0.039	192.1	0.1163
118.23	0.027	199.9	0.0559	118.23	0.039	192.2	0.1154
118.27	0.025	199.9	0.0559	118.27	0.036	192.2	0.1127
118.30	0.024	199.9	0.0541	118.30	0.035	192.2	0.1101
118.33	0.024	199.9	0.0533	118.33	0.033	192.1	0.1074
118.37	0.023	199.9	0.0515	118.37	0.03	192	0.1074
118.40	0.021	199.8	0.0488	118.40	0.03	192	0.1039
118.45	0.02	199.8	0.047	118.43	0.028	191.9	0.0994
118.48	0.019	199.7	0.0453	118.47	0.026	191.7	0.095
118.50	0.017	199.6	0.0426	118.50	0.022	191.5	0.0914
118.53	0.015	199.5	0.0399	118.53	0.02	191.3	0.0861
118.57	0.014	199.3	0.0364	118.57	0.017	191	0.0861
118.60	0.011	199.1	0.0364	118.60	0.013	190.7	0.0808
118.63	0.009	198.9	0.032	118.63	0.013	190.7	0.0746
118.67	0.009	198.9	0.0293	118.67	0.011	190.4	0.0683
118.70	0.008	198.8	0.024	118.70	0.006	190	0.0621
118.73	0.005	198.5	0.0204	118.73	0.004	189.7	0.0559
118.77	0.003	198.3	0.0178	118.77	0.002	189.3	0.0506
118.80	0.002	198.1	0.0133	118.80	-0.003	188.8	0.0506
118.83	-0.002	197.8	0.0133	118.83	-0.005	188.8	0.0435
118.87	-0.003	197.6	0.0089	118.88	-0.007	188.1	0.0346
118.90	-0.003	197.6	0.0053	118.92	-0.009	187.8	0.0346
118.93	-0.005	197.3	0.0009	118.93	-0.012	187.8	0.0302
118.97	-0.007	197	-0.0027	118.98	-0.012	187.4	0.0231
119.00	-0.009	196.8	-0.0053	119.00	-0.014	186.9	0.0169
119.03	-0.009	196.5	-0.0089	119.03	-0.018	186.4	0.0098
119.07	-0.012	196.2	-0.0089	119.07	-0.02	186	0.0071
119.10	-0.013	196	-0.0115	119.10	-0.021	185.7	0.0018
119.13	-0.013	196	-0.0142	119.13	-0.024	185.2	0.0018
119.17	-0.014	195.8	-0.016	119.17	-0.025	185.2	-0.0027
119.20	-0.015	195.6	-0.0186	119.20	-0.025	185	-0.0053
119.23	-0.016	195.4	-0.0195	119.23	-0.026	184.6	-0.008
119.27	-0.016	195.2	-0.0213	119.27	-0.028	184.3	-0.0107
119.30	-0.017	195	-0.0222	119.30	-0.028	184.1	-0.0115
119.33	-0.017	194.8	-0.0222	119.33	-0.028	183.9	-0.0133
119.37	-0.017	194.8	-0.0231	119.37	-0.029	183.7	-0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
119.40	-0.017	194.7	-0.0231	119.40	-0.029	183.7	-0.0142
119.43	-0.017	194.6	-0.0231	119.43	-0.029	183.5	-0.0142
119.47	-0.017	194.6	-0.0231	119.47	-0.028	183.4	-0.0142
119.50	-0.016	194.5	-0.0222	119.50	-0.028	183.3	-0.0142
119.53	-0.016	194.5	-0.0213	119.53	-0.027	183.2	-0.0124
119.57	-0.015	194.4	-0.0213	119.57	-0.026	183.2	-0.0107
119.60	-0.014	194.4	-0.0204	119.60	-0.023	183.2	-0.0107
119.63	-0.014	194.4	-0.0195	119.63	-0.022	183.2	-0.0089
119.67	-0.013	194.5	-0.0178	119.67	-0.022	183.3	-0.0071
119.70	-0.011	194.5	-0.0151	119.70	-0.021	183.4	-0.0036
119.73	-0.01	194.6	-0.0142	119.73	-0.017	183.5	0
119.77	-0.009	194.7	-0.0115	119.77	-0.016	183.6	0.0036
119.80	-0.006	194.8	-0.0115	119.80	-0.014	183.9	0.008
119.83	-0.005	194.8	-0.008	119.83	-0.009	184.1	0.008
119.88	-0.003	195	-0.0036	119.87	-0.008	184.1	0.0133
119.92	-0.002	195.2	-0.0036	119.90	-0.008	184.3	0.0178
119.95	0	195.2	-0.0009	119.93	-0.005	184.7	0.024
119.97	0	195.3	0.0027	119.97	0	185	0.0311
120.00	0.001	195.6	0.0071	120.00	0.001	185.3	0.0373
120.03	0.006	195.9	0.0115	120.03	0.005	185.7	0.0435
120.07	0.006	196	0.0142	120.07	0.009	186.1	0.0435
120.10	0.008	196.3	0.0186	120.10	0.009	186.1	0.0497
120.13	0.012	196.6	0.0186	120.13	0.011	186.4	0.055
120.17	0.012	196.6	0.0231	120.17	0.015	186.8	0.0621
120.20	0.012	196.7	0.0257	120.20	0.018	187.3	0.0675
120.23	0.014	197	0.0311	120.23	0.02	187.6	0.0737
120.27	0.018	197.3	0.0355	120.27	0.024	188.1	0.0737
120.30	0.018	197.5	0.0382	120.32	0.026	188.5	0.0843
120.33	0.02	197.7	0.0417	120.35	0.026	188.7	0.0879
120.37	0.022	198	0.0417	120.38	0.03	189.2	0.0879
120.40	0.023	198.2	0.0444	120.40	0.032	189.2	0.0932
120.43	0.023	198.2	0.047	120.43	0.032	189.5	0.0968
120.47	0.024	198.4	0.0497	120.47	0.033	189.8	0.1012
120.50	0.026	198.7	0.0524	120.50	0.036	190.2	0.1056
120.53	0.026	198.8	0.0533	120.53	0.037	190.5	0.1083
120.57	0.027	199	0.055	120.57	0.038	190.8	0.111
120.60	0.028	199.2	0.055	120.60	0.04	191.1	0.111
120.63	0.028	199.4	0.0568	120.63	0.04	191.1	0.1136
120.67	0.028	199.4	0.0577	120.67	0.04	191.3	0.1145
120.70	0.029	199.5	0.0586	120.70	0.04	191.5	0.1154
120.73	0.029	199.6	0.0586	120.73	0.04	191.7	0.1163
120.77	0.029	199.7	0.0586	120.77	0.04	191.9	0.1172
120.80	0.029	199.8	0.0586	120.80	0.04	192	0.1172
120.83	0.028	199.9	0.0586	120.83	0.04	192.2	0.1172
120.87	0.027	199.9	0.0586	120.87	0.039	192.2	0.1172
120.90	0.027	199.9	0.0577	120.90	0.039	192.2	0.1154
120.93	0.027	200	0.0559	120.93	0.037	192.3	0.1127
120.97	0.025	199.9	0.0541	120.97	0.034	192.2	0.1101
121.00	0.024	199.9	0.0524	121.00	0.033	192.2	0.1083
121.03	0.023	199.9	0.0506	121.03	0.032	192.1	0.1047
121.07	0.021	199.8	0.0506	121.07	0.027	191.9	0.1047
121.10	0.019	199.7	0.0479	121.10	0.026	191.9	0.1003
121.13	0.019	199.7	0.0462	121.13	0.026	191.8	0.0968
121.17	0.018	199.7	0.0435	121.17	0.024	191.6	0.0923
121.20	0.016	199.4	0.0399	121.20	0.019	191.3	0.087
121.23	0.013	199.3	0.0364	121.23	0.018	191.2	0.0826
121.27	0.012	199.2	0.0337	121.27	0.016	190.8	0.0763
121.30	0.01	198.9	0.0302	121.30	0.01	190.4	0.0763
121.35	0.007	198.7	0.0257	121.33	0.009	190.4	0.0692
121.38	0.007	198.6	0.0231	121.37	0.009	190.2	0.0648
121.40	0.005	198.3	0.0195	121.40	0.006	189.7	0.0577
121.43	0.002	198.1	0.0195	121.43	0	189.3	0.0506
121.47	0.002	198.1	0.0151	121.47	-0.001	189	0.0453

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
121.50	0	198	0.0115	121.50	-0.004	188.5	0.0399
121.53	-0.001	197.6	0.008	121.53	-0.008	188.1	0.0399
121.57	-0.004	197.4	0.0036	121.57	-0.008	188.1	0.0337
121.60	-0.005	197.2	0.0009	121.60	-0.01	187.8	0.0275
121.63	-0.007	196.9	-0.0036	121.63	-0.013	187.2	0.0195
121.67	-0.01	196.6	-0.0036	121.67	-0.016	186.8	0.0151
121.70	-0.01	196.6	-0.0071	121.70	-0.018	186.4	0.0098
121.73	-0.01	196.4	-0.0098	121.73	-0.02	185.9	0.0098
121.77	-0.011	196.1	-0.0124	121.78	-0.023	185.6	0.0009
121.80	-0.014	195.9	-0.0151	121.82	-0.023	185.3	-0.0018
121.83	-0.014	195.7	-0.0169	121.85	-0.025	185	-0.0018
121.87	-0.015	195.5	-0.0186	121.88	-0.026	184.7	-0.0044
121.90	-0.017	195.2	-0.0186	121.92	-0.026	184.7	-0.0071
121.93	-0.016	195.2	-0.0204	121.93	-0.027	184.4	-0.0107
121.97	-0.016	195.1	-0.0213	121.97	-0.028	184.1	-0.0124
122.00	-0.017	195	-0.0222	122.00	-0.028	183.9	-0.0133
122.03	-0.017	194.8	-0.0231	122.03	-0.029	183.7	-0.0142
122.07	-0.017	194.7	-0.0231	122.07	-0.029	183.5	-0.0142
122.10	-0.017	194.6	-0.0231	122.10	-0.029	183.5	-0.0142
122.13	-0.017	194.5	-0.0231	122.13	-0.029	183.4	-0.0142
122.17	-0.016	194.5	-0.0231	122.17	-0.028	183.3	-0.0142
122.20	-0.016	194.5	-0.0222	122.20	-0.027	183.2	-0.0124
122.23	-0.016	194.4	-0.0213	122.23	-0.026	183.2	-0.0115
122.27	-0.015	194.4	-0.0204	122.27	-0.025	183.2	-0.0098
122.30	-0.013	194.4	-0.0186	122.30	-0.022	183.3	-0.0098
122.33	-0.013	194.5	-0.0169	122.33	-0.02	183.3	-0.0071
122.37	-0.011	194.6	-0.0169	122.37	-0.02	183.3	-0.0044
122.40	-0.01	194.6	-0.0151	122.40	-0.019	183.5	-0.0009
122.43	-0.01	194.6	-0.0124	122.43	-0.015	183.7	0.0027
122.47	-0.008	194.7	-0.0098	122.47	-0.014	183.8	0.0071
122.50	-0.005	194.9	-0.0062	122.50	-0.012	184.1	0.0124
122.53	-0.004	195	-0.0044	122.53	-0.006	184.4	0.0124
122.57	-0.003	195.1	0	122.57	-0.005	184.4	0.0178
122.60	0.001	195.4	0	122.60	-0.005	184.6	0.0231
122.63	0.002	195.6	0.0036	122.63	-0.002	185	0.0302
122.67	0.002	195.6	0.0062	122.67	0.002	185.3	0.0364
122.70	0.004	195.8	0.0107	122.70	0.004	185.6	0.0426
122.73	0.006	196.1	0.0151	122.73	0.008	186	0.0426
122.77	0.009	196.3	0.0186	122.77	0.012	186.4	0.0497
122.82	0.01	196.4	0.0222	122.80	0.012	186.4	0.055
122.85	0.012	196.7	0.0249	122.83	0.013	186.7	0.0604
122.87	0.014	196.9	0.0284	122.87	0.018	187.3	0.0675
122.90	0.015	197.1	0.0328	122.90	0.02	187.6	0.0719
122.93	0.017	197.4	0.0328	122.93	0.022	188	0.0781
122.97	0.02	197.6	0.0364	122.97	0.026	188.5	0.0781
123.00	0.02	197.6	0.0399	123.00	0.028	188.8	0.0843
123.03	0.021	197.8	0.0435	123.03	0.028	188.8	0.0897
123.07	0.022	198.1	0.0462	123.07	0.03	189.2	0.095
123.10	0.024	198.3	0.0488	123.10	0.033	189.6	0.1003
123.13	0.025	198.5	0.0515	123.13	0.035	189.9	0.103
123.17	0.026	198.8	0.0533	123.17	0.035	190.2	0.1065
123.20	0.027	199	0.0533	123.22	0.038	190.6	0.1101
123.23	0.027	199	0.055	123.25	0.039	190.9	0.1118
123.27	0.027	199.1	0.0559	123.28	0.039	191.1	0.1127
123.30	0.028	199.3	0.0577	123.30	0.039	191.3	0.1127
123.33	0.029	199.4	0.0586	123.33	0.04	191.3	0.1145
123.37	0.029	199.6	0.0595	123.37	0.04	191.6	0.1163
123.40	0.029	199.7	0.0595	123.40	0.04	191.8	0.1163
123.43	0.029	199.8	0.0595	123.43	0.04	191.9	0.1172
123.47	0.029	199.8	0.0595	123.47	0.04	192.1	0.1172
123.50	0.029	199.9	0.0595	123.50	0.04	192.2	0.1172
123.53	0.028	199.9	0.0586	123.53	0.039	192.3	0.1172
123.57	0.026	200	0.0568	123.57	0.037	192.3	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
123.60	0.026	200	0.0559	123.60	0.037	192.3	0.1136
123.63	0.025	200	0.0541	123.63	0.036	192.3	0.111
123.67	0.023	199.9	0.0541	123.67	0.033	192.2	0.1083
123.70	0.022	199.9	0.0524	123.70	0.031	192.2	0.1056
123.73	0.022	199.9	0.0506	123.73	0.029	192	0.1012
123.77	0.021	199.8	0.0479	123.77	0.025	191.8	0.1012
123.80	0.018	199.7	0.0462	123.80	0.024	191.8	0.0968
123.83	0.017	199.6	0.0435	123.83	0.024	191.7	0.0932
123.87	0.016	199.5	0.0408	123.87	0.022	191.4	0.0879
123.90	0.012	199.3	0.0408	123.90	0.017	191.2	0.0826
123.93	0.011	199.3	0.0364	123.93	0.015	190.9	0.0772
123.97	0.011	199.1	0.0337	123.97	0.013	190.5	0.071
124.00	0.01	198.9	0.0293	124.00	0.007	190.2	0.071
124.03	0.006	198.7	0.0249	124.03	0.007	190.2	0.0639
124.07	0.005	198.5	0.0213	124.07	0.006	189.9	0.0586
124.10	0.004	198.3	0.0178	124.10	0.002	189.4	0.0515
124.13	-0.001	198	0.0178	124.13	-0.001	189.1	0.0462
124.17	-0.001	198	0.0124	124.17	-0.003	188.7	0.0399
124.20	-0.001	197.8	0.0098	124.20	-0.008	188.2	0.0399
124.25	-0.005	197.3	0.0062	124.23	-0.01	187.8	0.0337
124.28	-0.006	197.3	0.0036	124.27	-0.01	187.8	0.0284
124.32	-0.006	197.1	0.0009	124.30	-0.012	187.4	0.0213
124.33	-0.007	196.8	-0.0036	124.33	-0.016	186.8	0.0151
124.37	-0.01	196.5	-0.0071	124.37	-0.018	186.5	0.0107
124.40	-0.011	196.3	-0.0098	124.40	-0.019	186.1	0.0053
124.43	-0.012	196.1	-0.0124	124.43	-0.023	185.7	0.0053
124.47	-0.014	195.8	-0.0124	124.47	-0.024	185.7	0.0009
124.50	-0.015	195.6	-0.0151	124.50	-0.024	185.3	-0.0018
124.53	-0.015	195.6	-0.0169	124.53	-0.025	185	-0.0053
124.57	-0.015	195.4	-0.0186	124.57	-0.027	184.7	-0.008
124.60	-0.016	195.2	-0.0195	124.60	-0.027	184.4	-0.0107
124.63	-0.017	195	-0.0204	124.63	-0.028	184.2	-0.0124
124.67	-0.017	194.9	-0.0222	124.68	-0.029	183.9	-0.0142
124.70	-0.017	194.7	-0.0222	124.72	-0.029	183.7	-0.0142
124.73	-0.017	194.6	-0.0222	124.75	-0.029	183.6	-0.0142
124.77	-0.017	194.6	-0.0222	124.77	-0.028	183.4	-0.0142
124.80	-0.017	194.6	-0.0222	124.82	-0.027	183.4	-0.0142
124.83	-0.017	194.5	-0.0222	124.83	-0.027	183.3	-0.0133
124.87	-0.016	194.4	-0.0213	124.87	-0.027	183.2	-0.0133
124.90	-0.015	194.4	-0.0204	124.90	-0.026	183.2	-0.0115
124.93	-0.015	194.4	-0.0186	124.93	-0.025	183.2	-0.0089
124.97	-0.013	194.5	-0.0186	124.97	-0.022	183.3	-0.0062
125.00	-0.012	194.5	-0.0169	125.00	-0.02	183.4	-0.0062
125.03	-0.012	194.5	-0.0151	125.03	-0.02	183.4	-0.0044
125.07	-0.011	194.6	-0.0133	125.07	-0.019	183.5	-0.0009
125.10	-0.008	194.7	-0.0107	125.10	-0.016	183.7	0.0036
125.13	-0.007	194.7	-0.008	125.13	-0.013	183.9	0.0071
125.17	-0.006	194.9	-0.0053	125.17	-0.011	184	0.0124
125.20	-0.002	195.1	-0.0053	125.20	-0.008	184.4	0.0124
125.23	-0.002	195.1	-0.0018	125.23	-0.005	184.6	0.0169
125.27	-0.002	195.2	0.0009	125.27	-0.005	184.6	0.0231
125.30	0	195.4	0.0044	125.30	-0.003	184.9	0.0293
125.33	0.003	195.7	0.008	125.33	0.002	185.3	0.0364
125.37	0.004	195.8	0.0124	125.37	0.004	185.6	0.0417
125.40	0.006	196.1	0.016	125.40	0.006	186	0.0488
125.43	0.01	196.4	0.016	125.43	0.012	186.4	0.0488
125.47	0.011	196.4	0.0213	125.47	0.014	186.4	0.055
125.50	0.011	196.6	0.024	125.50	0.014	186.7	0.0595
125.53	0.013	196.8	0.0284	125.53	0.015	187.2	0.0657
125.57	0.016	197.1	0.0328	125.57	0.021	187.7	0.0728
125.60	0.017	197.3	0.0355	125.60	0.022	188	0.0781
125.63	0.018	197.5	0.0399	125.63	0.025	188.4	0.0834
125.67	0.021	197.8	0.0399	125.67	0.029	188.8	0.0834

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
125.72	0.022	198	0.0453	125.70	0.03	188.8	0.0897
125.75	0.022	198.2	0.047	125.73	0.03	189.2	0.0941
125.77	0.024	198.4	0.047	125.77	0.032	189.6	0.0994
125.80	0.025	198.6	0.0497	125.80	0.035	190	0.1039
125.83	0.025	198.6	0.0515	125.83	0.036	190.3	0.1065
125.87	0.026	198.8	0.0541	125.87	0.037	190.6	0.1101
125.90	0.027	199	0.0559	125.90	0.039	190.9	0.1101
125.93	0.028	199.2	0.0568	125.93	0.039	190.9	0.1127
125.97	0.028	199.4	0.0586	125.97	0.039	191.2	0.1136
126.00	0.029	199.5	0.0586	126.00	0.039	191.4	0.1154
126.03	0.029	199.7	0.0586	126.03	0.04	191.6	0.1163
126.07	0.029	199.7	0.0595	126.07	0.04	191.8	0.1172
126.10	0.029	199.8	0.0595	126.10	0.04	191.9	0.1172
126.13	0.029	199.8	0.0595	126.15	0.04	192.1	0.1172
126.17	0.029	199.9	0.0595	126.18	0.04	192.2	0.1172
126.20	0.028	200	0.0577	126.22	0.039	192.3	0.1172
126.23	0.027	200	0.0559	126.25	0.037	192.3	0.1154
126.27	0.025	200	0.0559	126.27	0.037	192.3	0.1136
126.30	0.025	200	0.055	126.30	0.036	192.4	0.111
126.33	0.025	200	0.0541	126.33	0.033	192.2	0.1083
126.37	0.023	199.9	0.0515	126.37	0.031	192.2	0.1056
126.40	0.021	199.8	0.0497	126.40	0.03	192.1	0.1012
126.43	0.02	199.8	0.0479	126.43	0.026	191.9	0.1012
126.47	0.019	199.7	0.0444	126.47	0.024	191.9	0.0976
126.50	0.016	199.5	0.0444	126.50	0.024	191.7	0.0932
126.53	0.015	199.5	0.0417	126.53	0.022	191.5	0.0879
126.57	0.015	199.4	0.0382	126.57	0.017	191.2	0.0817
126.60	0.013	199.2	0.0346	126.60	0.015	190.9	0.0781
126.63	0.01	199	0.0311	126.63	0.013	190.7	0.071
126.67	0.008	198.9	0.0275	126.67	0.007	190.2	0.071
126.70	0.007	198.6	0.024	126.70	0.006	190.2	0.0648
126.73	0.004	198.4	0.024	126.73	0.006	189.9	0.0595
126.77	0.002	198.4	0.0195	126.77	0.003	189.5	0.0524
126.80	0.002	198.2	0.016	126.80	-0.002	189.1	0.0453
126.83	0.001	197.9	0.0115	126.83	-0.004	188.7	0.0417
126.87	-0.003	197.6	0.0062	126.87	-0.006	188.4	0.0346
126.90	-0.004	197.4	0.0036	126.90	-0.011	187.8	0.0346
126.93	-0.005	197.1	0	126.93	-0.012	187.8	0.0275
126.97	-0.009	196.8	0	126.97	-0.012	187.5	0.0222
127.00	-0.009	196.8	-0.0044	127.00	-0.014	187.1	0.016
127.03	-0.009	196.6	-0.0062	127.03	-0.018	186.5	0.0107
127.07	-0.01	196.4	-0.0098	127.07	-0.02	186.2	0.0062
127.10	-0.013	196.1	-0.0133	127.10	-0.021	185.8	0.0018
127.15	-0.013	195.9	-0.0151	127.13	-0.024	185.3	0.0018
127.18	-0.014	195.8	-0.016	127.17	-0.024	185.3	-0.0027
127.22	-0.015	195.5	-0.0178	127.20	-0.024	185.1	-0.0053
127.23	-0.016	195.3	-0.0195	127.23	-0.026	184.7	-0.0089
127.27	-0.016	195.1	-0.0213	127.27	-0.028	184.4	-0.0115
127.30	-0.017	194.9	-0.0213	127.30	-0.028	184.2	-0.0124
127.33	-0.017	194.9	-0.0222	127.33	-0.028	183.9	-0.0142
127.37	-0.017	194.8	-0.0231	127.37	-0.029	183.8	-0.0142
127.40	-0.017	194.7	-0.0231	127.40	-0.029	183.8	-0.0142
127.43	-0.017	194.6	-0.0231	127.43	-0.029	183.6	-0.0151
127.47	-0.017	194.5	-0.0231	127.47	-0.028	183.4	-0.0151
127.50	-0.017	194.4	-0.0222	127.50	-0.028	183.3	-0.0142
127.53	-0.016	194.4	-0.0222	127.53	-0.027	183.3	-0.0133
127.57	-0.015	194.4	-0.0213	127.58	-0.026	183.3	-0.0115
127.60	-0.015	194.4	-0.0204	127.62	-0.025	183.3	-0.0107
127.63	-0.014	194.4	-0.0186	127.65	-0.023	183.3	-0.0089
127.67	-0.013	194.5	-0.0178	127.68	-0.022	183.4	-0.0053
127.70	-0.011	194.5	-0.016	127.72	-0.018	183.5	-0.0053
127.73	-0.01	194.5	-0.0133	127.73	-0.018	183.5	-0.0027
127.77	-0.008	194.7	-0.0133	127.77	-0.017	183.6	0.0018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
127.80	-0.006	194.8	-0.0107	127.80	-0.014	183.9	0.0062
127.83	-0.006	194.8	-0.008	127.83	-0.011	184.1	0.0107
127.87	-0.005	194.9	-0.0044	127.87	-0.009	184.2	0.016
127.90	-0.003	195.1	-0.0018	127.90	-0.005	184.6	0.016
127.93	0	195.3	0.0018	127.93	-0.002	184.9	0.0213
127.97	0.001	195.4	0.0053	127.97	-0.002	184.9	0.0284
128.00	0.003	195.7	0.0089	128.00	0	185.2	0.0346
128.03	0.006	195.9	0.0089	128.03	0.005	185.6	0.0408
128.07	0.006	195.9	0.0124	128.07	0.007	185.9	0.0462
128.10	0.007	196.1	0.0169	128.10	0.009	186.3	0.0524
128.13	0.01	196.4	0.0213	128.13	0.014	186.7	0.0524
128.17	0.013	196.6	0.0249	128.17	0.016	186.7	0.0595
128.20	0.013	196.8	0.0284	128.20	0.016	187.1	0.0639
128.23	0.015	197.1	0.0328	128.23	0.018	187.5	0.071
128.27	0.019	197.4	0.0328	128.27	0.023	188	0.0772
128.30	0.019	197.4	0.0373	128.30	0.024	188.3	0.0826
128.33	0.019	197.6	0.0391	128.33	0.027	188.8	0.0879
128.37	0.02	197.8	0.0426	128.37	0.031	189.2	0.0879
128.40	0.023	198.1	0.0462	128.40	0.032	189.2	0.0941
128.43	0.024	198.3	0.0479	128.43	0.032	189.5	0.0976
128.47	0.024	198.5	0.0506	128.47	0.033	189.9	0.1012
128.50	0.027	198.8	0.0506	128.50	0.036	190.3	0.1065
128.53	0.027	198.8	0.0533	128.53	0.037	190.6	0.1083
128.57	0.027	198.9	0.0541	128.57	0.038	190.9	0.111
128.62	0.028	199.3	0.0559	128.60	0.04	191.2	0.111
128.65	0.028	199.3	0.0568	128.63	0.04	191.2	0.1136
128.67	0.028	199.4	0.0577	128.67	0.04	191.4	0.1145
128.70	0.029	199.6	0.0586	128.70	0.04	191.6	0.1154
128.73	0.029	199.7	0.0586	128.73	0.04	191.8	0.1163
128.77	0.029	199.8	0.0586	128.77	0.04	191.9	0.1172
128.80	0.029	199.8	0.0586	128.80	0.04	192.1	0.1172
128.83	0.028	199.9	0.0586	128.83	0.04	192.2	0.1172
128.87	0.027	199.9	0.0577	128.87	0.04	192.2	0.1163
128.90	0.027	200	0.0577	128.90	0.039	192.3	0.1145
128.93	0.026	200	0.055	128.93	0.037	192.2	0.1127
128.97	0.024	199.9	0.0533	128.97	0.034	192.2	0.1101
129.00	0.024	199.9	0.0533	129.00	0.033	192.2	0.1074
129.03	0.023	199.9	0.0506	129.05	0.03	192.1	0.1039
129.07	0.021	199.8	0.0506	129.08	0.029	192	0.1021
129.10	0.019	199.8	0.0479	129.12	0.027	191.9	0.0985
129.13	0.019	199.8	0.0462	129.15	0.024	191.7	0.0985
129.17	0.018	199.7	0.0426	129.17	0.021	191.7	0.0932
129.20	0.015	199.5	0.0399	129.20	0.021	191.5	0.0897
129.23	0.014	199.3	0.0373	129.23	0.02	191.3	0.0834
129.27	0.012	199.2	0.0337	129.27	0.014	190.9	0.0772
129.30	0.009	199	0.0337	129.30	0.013	190.7	0.0719
129.33	0.007	198.8	0.0293	129.33	0.01	190.3	0.0657
129.37	0.007	198.8	0.0257	129.37	0.005	189.9	0.0657
129.40	0.006	198.6	0.0213	129.40	0.003	189.9	0.0586
129.43	0.003	198.3	0.0178	129.43	0.003	189.6	0.0533
129.47	0.001	198.1	0.0142	129.47	0.001	189.1	0.047
129.50	0	197.9	0.0098	129.50	-0.005	188.7	0.0399
129.53	-0.004	197.6	0.0098	129.53	-0.006	188.4	0.0346
129.57	-0.005	197.4	0.0053	129.57	-0.009	187.9	0.0293
129.60	-0.005	197.4	0.0027	129.60	-0.013	187.4	0.0293
129.63	-0.006	197.2	-0.0009	129.63	-0.013	187.4	0.0213
129.67	-0.009	196.8	-0.0053	129.67	-0.014	187.1	0.016
129.70	-0.01	196.6	-0.008	129.70	-0.018	186.5	0.0107
129.73	-0.011	196.4	-0.0107	129.73	-0.02	186.1	0.0053
129.77	-0.013	196.1	-0.0107	129.77	-0.021	185.8	0.0018
129.80	-0.014	195.9	-0.0133	129.80	-0.024	185.4	0.0018
129.83	-0.014	195.9	-0.016	129.83	-0.025	185.4	-0.0027
129.87	-0.015	195.7	-0.0178	129.87	-0.025	185.1	-0.0053

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
129.90	-0.016	195.4	-0.0195	129.90	-0.026	184.8	-0.0089
129.93	-0.017	195.2	-0.0213	129.93	-0.028	184.4	-0.0115
129.97	-0.017	195.1	-0.0222	129.97	-0.028	184.2	-0.0133
130.00	-0.017	194.9	-0.0222	130.00	-0.028	183.9	-0.0142
130.03	-0.017	194.8	-0.0222	130.03	-0.029	183.7	-0.0142
130.08	-0.017	194.7	-0.0231	130.07	-0.029	183.7	-0.0151
130.12	-0.017	194.6	-0.0231	130.10	-0.029	183.6	-0.0151
130.13	-0.017	194.5	-0.0231	130.13	-0.029	183.4	-0.0151
130.17	-0.017	194.5	-0.0231	130.17	-0.028	183.4	-0.0151
130.20	-0.017	194.4	-0.0231	130.20	-0.027	183.3	-0.0133
130.23	-0.016	194.4	-0.0213	130.23	-0.026	183.3	-0.0115
130.27	-0.014	194.4	-0.0204	130.27	-0.024	183.3	-0.0115
130.30	-0.013	194.4	-0.0186	130.30	-0.022	183.3	-0.0098
130.33	-0.012	194.5	-0.0169	130.33	-0.022	183.3	-0.0071
130.37	-0.01	194.6	-0.0169	130.37	-0.021	183.5	-0.0044
130.40	-0.01	194.6	-0.0151	130.40	-0.017	183.6	-0.0009
130.43	-0.01	194.6	-0.0124	130.43	-0.016	183.7	0.0027
130.47	-0.008	194.7	-0.0098	130.48	-0.013	184	0.008
130.50	-0.005	194.9	-0.0071	130.52	-0.011	184.1	0.0107
130.53	-0.004	195	-0.0044	130.55	-0.009	184.3	0.0151
130.57	-0.003	195.1	-0.0009	130.57	-0.006	184.7	0.0151
130.60	0.001	195.4	-0.0009	130.60	-0.002	185	0.0213
130.63	0.002	195.4	0.0027	130.63	-0.002	185	0.0275
130.67	0.002	195.6	0.0053	130.67	0	185.2	0.0346
130.70	0.003	195.8	0.0098	130.70	0.004	185.7	0.0417
130.73	0.007	196.1	0.0142	130.73	0.007	186	0.0462
130.77	0.008	196.2	0.0178	130.77	0.009	186.3	0.0524
130.80	0.01	196.5	0.0222	130.80	0.014	186.8	0.0524
130.83	0.013	196.8	0.0222	130.83	0.016	186.8	0.0595
130.87	0.015	197	0.0275	130.87	0.016	187.2	0.0639
130.90	0.015	197	0.0302	130.90	0.019	187.6	0.071
130.93	0.016	197.2	0.0337	130.93	0.023	188	0.0772
130.97	0.019	197.5	0.0382	130.97	0.025	188.4	0.0826
131.00	0.02	197.7	0.0408	131.00	0.026	188.8	0.0879
131.03	0.021	197.9	0.0435	131.03	0.031	189.2	0.0879
131.07	0.023	198.2	0.0435	131.07	0.032	189.2	0.0932
131.10	0.025	198.4	0.0462	131.10	0.032	189.5	0.0976
131.13	0.025	198.4	0.0488	131.13	0.033	189.9	0.1021
131.17	0.025	198.6	0.0515	131.17	0.036	190.3	0.1065
131.20	0.026	198.8	0.0524	131.20	0.037	190.6	0.1092
131.23	0.027	199	0.055	131.23	0.038	190.9	0.1118
131.27	0.028	199.2	0.0559	131.27	0.04	191.2	0.1118
131.30	0.028	199.4	0.0568	131.30	0.04	191.2	0.1136
131.33	0.029	199.5	0.0568	131.33	0.04	191.4	0.1145
131.37	0.029	199.5	0.0577	131.37	0.04	191.6	0.1154
131.40	0.029	199.6	0.0577	131.40	0.04	191.8	0.1163
131.43	0.029	199.8	0.0577	131.43	0.04	192	0.1172
131.47	0.028	199.8	0.0577	131.47	0.04	192.1	0.1172
131.52	0.028	199.9	0.0577	131.50	0.04	192.3	0.1172
131.55	0.028	200	0.0577	131.53	0.04	192.3	0.1172
131.57	0.027	200	0.0568	131.57	0.039	192.4	0.1154
131.60	0.026	200	0.055	131.60	0.036	192.3	0.1127
131.63	0.025	200	0.0533	131.63	0.034	192.3	0.111
131.67	0.023	199.9	0.0533	131.67	0.033	192.3	0.1074
131.70	0.022	199.9	0.0506	131.70	0.03	192.1	0.1074
131.73	0.022	199.9	0.0497	131.73	0.028	192.1	0.1047
131.77	0.021	199.8	0.047	131.77	0.028	192	0.1012
131.80	0.019	199.7	0.0444	131.80	0.027	191.9	0.0968
131.83	0.017	199.6	0.0417	131.83	0.022	191.6	0.0914
131.87	0.016	199.5	0.0382	131.87	0.02	191.4	0.087
131.90	0.013	199.3	0.0382	131.90	0.018	191.2	0.0817
131.93	0.011	199.3	0.0355	131.95	0.013	190.8	0.0754
131.97	0.011	199.1	0.032	131.98	0.013	190.6	0.0719

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
132.00	0.01	199	0.0284	132.02	0.01	190.3	0.0657
132.03	0.006	198.7	0.0231	132.05	0.004	189.9	0.0657
132.07	0.005	198.5	0.0204	132.08	0.003	189.9	0.0586
132.10	0.003	198.3	0.016	132.10	0.003	189.6	0.0541
132.13	0	198	0.016	132.13	0.001	189.1	0.047
132.17	-0.001	198	0.0115	132.17	-0.005	188.7	0.0399
132.20	-0.001	197.8	0.0089	132.20	-0.006	188.4	0.0355
132.23	-0.002	197.6	0.0044	132.23	-0.008	187.8	0.0293
132.27	-0.006	197.3	0	132.27	-0.013	187.4	0.0293
132.30	-0.007	197	-0.0027	132.30	-0.013	187.4	0.0213
132.33	-0.008	196.8	-0.0062	132.33	-0.014	187.1	0.016
132.37	-0.01	196.5	-0.0062	132.37	-0.017	186.5	0.0107
132.40	-0.012	196.3	-0.0098	132.40	-0.02	186.1	0.0053
132.43	-0.012	196.3	-0.0124	132.43	-0.021	185.8	0.0009
132.47	-0.013	196.1	-0.0151	132.47	-0.024	185.4	0.0009
132.50	-0.014	195.8	-0.0169	132.50	-0.025	185	-0.0027
132.53	-0.015	195.6	-0.0186	132.53	-0.025	185	-0.0062
132.57	-0.016	195.4	-0.0195	132.57	-0.026	184.8	-0.0089
132.60	-0.016	195.2	-0.0213	132.60	-0.027	184.4	-0.0115
132.63	-0.017	195	-0.0213	132.63	-0.028	184.2	-0.0133
132.67	-0.017	195	-0.0222	132.67	-0.028	184	-0.0142
132.70	-0.017	194.9	-0.0231	132.70	-0.029	183.8	-0.0142
132.73	-0.017	194.8	-0.0231	132.73	-0.029	183.8	-0.0151
132.77	-0.017	194.7	-0.0231	132.77	-0.029	183.6	-0.0151
132.80	-0.017	194.6	-0.0231	132.80	-0.028	183.4	-0.0151
132.83	-0.017	194.5	-0.0222	132.83	-0.028	183.4	-0.0151
132.87	-0.016	194.5	-0.0222	132.87	-0.027	183.3	-0.0133
132.90	-0.016	194.5	-0.0222	132.90	-0.026	183.3	-0.0124
132.93	-0.015	194.5	-0.0204	132.93	-0.023	183.3	-0.0124
132.98	-0.013	194.5	-0.0186	132.97	-0.023	183.3	-0.0098
133.02	-0.012	194.5	-0.0186	133.00	-0.023	183.3	-0.0071
133.03	-0.012	194.5	-0.0169	133.03	-0.021	183.5	-0.0044
133.07	-0.011	194.6	-0.0151	133.07	-0.017	183.6	-0.0009
133.10	-0.008	194.7	-0.0124	133.10	-0.016	183.7	0.0027
133.13	-0.007	194.8	-0.0098	133.13	-0.014	184	0.0071
133.17	-0.006	194.9	-0.0071	133.17	-0.009	184.2	0.0071
133.20	-0.002	195.1	-0.0071	133.20	-0.009	184.2	0.0124
133.23	-0.002	195.1	-0.0036	133.23	-0.008	184.4	0.0178
133.27	-0.002	195.2	0	133.27	-0.004	184.8	0.024
133.30	0	195.5	0.0036	133.30	-0.001	185.1	0.0302
133.33	0.004	195.7	0.008	133.33	0.001	185.4	0.0373
133.37	0.004	195.9	0.0107	133.38	0.006	185.8	0.0435
133.40	0.006	196.1	0.0151	133.42	0.007	186.1	0.047
133.43	0.01	196.4	0.0151	133.45	0.009	186.4	0.0524
133.47	0.011	196.4	0.0195	133.48	0.014	186.8	0.0524
133.50	0.011	196.6	0.0231	133.52	0.016	186.8	0.0595
133.53	0.012	196.9	0.0275	133.53	0.016	187.2	0.0648
133.57	0.016	197.1	0.032	133.57	0.018	187.6	0.071
133.60	0.017	197.3	0.0346	133.60	0.023	188.1	0.0772
133.63	0.018	197.6	0.0382	133.63	0.025	188.4	0.0817
133.67	0.021	197.8	0.0382	133.67	0.027	188.8	0.0879
133.70	0.022	197.8	0.0417	133.70	0.031	189.3	0.0879
133.73	0.022	198	0.0444	133.73	0.032	189.3	0.0941
133.77	0.023	198.3	0.047	133.77	0.032	189.6	0.0976
133.80	0.025	198.5	0.0497	133.80	0.033	189.9	0.1021
133.83	0.025	198.7	0.0515	133.83	0.036	190.3	0.1065
133.87	0.026	198.9	0.0541	133.87	0.037	190.6	0.1092
133.90	0.027	199.1	0.0541	133.90	0.038	190.9	0.1118
133.93	0.028	199.1	0.055	133.93	0.039	191.2	0.1118
133.97	0.028	199.3	0.0568	133.97	0.04	191.2	0.1145
134.00	0.028	199.4	0.0577	134.00	0.04	191.4	0.1154
134.03	0.029	199.6	0.0577	134.03	0.04	191.6	0.1154
134.07	0.029	199.7	0.0577	134.07	0.04	191.8	0.1163

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
134.10	0.029	199.8	0.0577	134.10	0.04	192	0.1172
134.13	0.028	199.9	0.0577	134.13	0.04	192.1	0.1172
134.17	0.028	199.9	0.0577	134.17	0.04	192.3	0.1172
134.20	0.028	200	0.0577	134.20	0.039	192.3	0.1172
134.23	0.027	200	0.0559	134.23	0.039	192.3	0.1154
134.27	0.026	200	0.055	134.27	0.037	192.3	0.1127
134.30	0.025	200	0.0541	134.30	0.034	192.3	0.1101
134.33	0.024	200	0.0515	134.33	0.033	192.3	0.1083
134.37	0.022	199.9	0.0515	134.37	0.031	192.2	0.1047
134.42	0.021	199.8	0.0479	134.40	0.027	192	0.1047
134.45	0.02	199.8	0.0462	134.43	0.026	192	0.1012
134.48	0.018	199.7	0.0462	134.47	0.026	191.9	0.0976
134.50	0.016	199.6	0.0435	134.50	0.024	191.7	0.0923
134.53	0.016	199.6	0.0408	134.53	0.019	191.4	0.087
134.57	0.015	199.4	0.0373	134.57	0.018	191.2	0.0834
134.60	0.012	199.2	0.0328	134.60	0.016	190.8	0.0763
134.63	0.01	199	0.0302	134.63	0.01	190.5	0.0763
134.67	0.009	198.9	0.0257	134.67	0.009	190.5	0.0692
134.70	0.006	198.6	0.0257	134.70	0.009	190.2	0.0639
134.73	0.004	198.4	0.0222	134.73	0.006	189.8	0.0577
134.77	0.004	198.4	0.0186	134.77	0.001	189.4	0.0515
134.80	0.003	198.2	0.0142	134.80	-0.001	189.1	0.0453
134.83	0	197.9	0.0098	134.85	-0.004	188.6	0.0382
134.87	-0.003	197.7	0.0062	134.88	-0.007	188.3	0.0346
134.90	-0.004	197.5	0.0027	134.92	-0.008	187.9	0.0293
134.93	-0.006	197.2	-0.0009	134.95	-0.012	187.4	0.0293
134.97	-0.008	196.9	-0.0009	134.98	-0.015	187	0.0222
135.00	-0.008	196.9	-0.0044	135.00	-0.015	187	0.0169
135.03	-0.009	196.7	-0.008	135.03	-0.016	186.6	0.0115
135.07	-0.011	196.4	-0.0115	135.07	-0.02	186.1	0.0062
135.10	-0.013	196.1	-0.0142	135.10	-0.022	185.8	0.0018
135.13	-0.013	196	-0.016	135.13	-0.023	185.5	-0.0027
135.17	-0.014	195.7	-0.0178	135.17	-0.025	185	-0.0027
135.20	-0.016	195.5	-0.0178	135.20	-0.026	185	-0.0062
135.23	-0.016	195.5	-0.0195	135.23	-0.026	184.7	-0.0089
135.27	-0.016	195.3	-0.0204	135.27	-0.027	184.5	-0.0107
135.30	-0.016	195.1	-0.0222	135.30	-0.028	184.2	-0.0133
135.33	-0.017	195	-0.0231	135.33	-0.029	184	-0.0142
135.37	-0.017	194.8	-0.0231	135.37	-0.029	183.8	-0.0151
135.40	-0.017	194.7	-0.024	135.40	-0.029	183.6	-0.0151
135.43	-0.017	194.6	-0.024	135.43	-0.029	183.6	-0.0151
135.47	-0.017	194.6	-0.024	135.47	-0.029	183.4	-0.0151
135.50	-0.017	194.5	-0.0231	135.50	-0.028	183.4	-0.0151
135.53	-0.016	194.5	-0.0222	135.53	-0.027	183.3	-0.0133
135.57	-0.015	194.5	-0.0213	135.57	-0.026	183.3	-0.0124
135.60	-0.015	194.5	-0.0204	135.60	-0.025	183.3	-0.0107
135.63	-0.013	194.5	-0.0186	135.63	-0.022	183.4	-0.0107
135.67	-0.011	194.6	-0.0186	135.67	-0.021	183.4	-0.008
135.70	-0.011	194.6	-0.0169	135.70	-0.021	183.4	-0.0053
135.73	-0.011	194.6	-0.0151	135.73	-0.019	183.6	-0.0018
135.77	-0.009	194.7	-0.0124	135.77	-0.015	183.8	0.0027
135.80	-0.007	194.8	-0.0098	135.80	-0.014	183.9	0.0062
135.83	-0.006	194.9	-0.0071	135.83	-0.012	184.2	0.0107
135.88	-0.004	195.1	-0.0036	135.87	-0.007	184.5	0.0107
135.92	-0.002	195.2	-0.0018	135.90	-0.005	184.5	0.0169
135.93	-0.001	195.3	0.0009	135.93	-0.005	184.7	0.0222
135.97	0.001	195.6	0.0053	135.97	-0.002	185	0.0293
136.00	0.005	195.8	0.0053	136.00	0.002	185.4	0.0364
136.03	0.005	195.8	0.0089	136.03	0.004	185.7	0.0426
136.07	0.005	196	0.0124	136.07	0.008	186.1	0.0426
136.10	0.007	196.2	0.0169	136.10	0.012	186.5	0.0488
136.13	0.011	196.5	0.0213	136.13	0.012	186.5	0.0541
136.17	0.012	196.7	0.024	136.17	0.013	186.8	0.0604

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
136.20	0.013	196.9	0.0293	136.20	0.018	187.4	0.0675
136.23	0.017	197.2	0.0293	136.23	0.02	187.7	0.0728
136.27	0.018	197.2	0.0337	136.27	0.022	188.1	0.0781
136.30	0.018	197.4	0.0364	136.32	0.027	188.5	0.0843
136.33	0.019	197.7	0.0399	136.35	0.027	188.8	0.0879
136.37	0.021	197.9	0.0426	136.38	0.029	189.2	0.0932
136.40	0.023	198.1	0.0453	136.42	0.032	189.6	0.0932
136.43	0.023	198.3	0.0479	136.43	0.033	189.6	0.0976
136.47	0.025	198.6	0.0479	136.47	0.033	189.9	0.1012
136.50	0.027	198.8	0.0515	136.50	0.035	190.3	0.1056
136.53	0.027	198.8	0.0524	136.53	0.038	190.6	0.1092
136.57	0.026	199	0.0541	136.57	0.038	190.9	0.111
136.60	0.027	199.2	0.055	136.60	0.039	191.2	0.1136
136.63	0.028	199.4	0.0568	136.63	0.04	191.5	0.1136
136.67	0.029	199.5	0.0577	136.67	0.04	191.5	0.1154
136.70	0.029	199.7	0.0577	136.70	0.04	191.7	0.1163
136.73	0.029	199.8	0.0586	136.73	0.04	191.8	0.1163
136.77	0.029	199.8	0.0586	136.77	0.04	192	0.1172
136.80	0.029	199.9	0.0586	136.80	0.04	192.1	0.1172
136.83	0.029	199.9	0.0586	136.83	0.04	192.3	0.1172
136.87	0.028	200	0.0577	136.87	0.039	192.3	0.1172
136.90	0.027	200	0.0559	136.90	0.039	192.3	0.1163
136.93	0.026	200	0.0559	136.93	0.037	192.4	0.1127
136.97	0.024	200	0.0541	136.97	0.035	192.3	0.111
137.00	0.024	200	0.0533	137.00	0.033	192.3	0.1083
137.03	0.023	200	0.0506	137.03	0.032	192.2	0.1047
137.07	0.022	199.9	0.0488	137.07	0.028	192	0.1047
137.10	0.02	199.8	0.0462	137.10	0.026	192	0.1012
137.13	0.019	199.8	0.0435	137.13	0.026	191.9	0.0976
137.17	0.017	199.6	0.0408	137.17	0.024	191.8	0.0923
137.20	0.014	199.4	0.0408	137.20	0.02	191.4	0.087
137.23	0.014	199.4	0.0373	137.23	0.018	191.2	0.0826
137.27	0.013	199.3	0.0337	137.27	0.016	191	0.0772
137.32	0.009	199	0.0302	137.30	0.01	190.5	0.0772
137.35	0.009	199	0.0293	137.33	0.009	190.5	0.0692
137.38	0.007	198.8	0.024	137.37	0.009	190.3	0.0648
137.40	0.006	198.5	0.0204	137.40	0.006	189.9	0.0577
137.43	0.003	198.3	0.0169	137.43	0.001	189.4	0.0506
137.47	0.001	198.1	0.0124	137.47	-0.001	189.1	0.0453
137.50	-0.001	197.8	0.008	137.50	-0.004	188.7	0.0391
137.53	-0.004	197.5	0.008	137.53	-0.008	188.2	0.0391
137.57	-0.004	197.5	0.0044	137.57	-0.01	188.2	0.0328
137.60	-0.004	197.4	0.0018	137.60	-0.01	187.9	0.0275
137.63	-0.006	197.1	-0.0027	137.63	-0.012	187.4	0.0213
137.67	-0.009	196.8	-0.0062	137.67	-0.017	186.9	0.0142
137.70	-0.01	196.6	-0.0089	137.70	-0.017	186.5	0.0107
137.73	-0.011	196.3	-0.0115	137.75	-0.019	186.1	0.0053
137.77	-0.013	196.1	-0.0115	137.78	-0.022	185.8	0.0018
137.80	-0.014	196.1	-0.0151	137.82	-0.022	185.5	-0.0009
137.83	-0.014	195.9	-0.016	137.83	-0.024	185.1	-0.0044
137.87	-0.015	195.6	-0.0186	137.88	-0.027	184.7	-0.0044
137.90	-0.016	195.4	-0.0204	137.90	-0.027	184.7	-0.0089
137.93	-0.016	195.2	-0.0213	137.93	-0.027	184.5	-0.0107
137.97	-0.017	195.1	-0.0231	137.97	-0.027	184.2	-0.0124
138.00	-0.017	194.9	-0.0231	138.00	-0.029	184	-0.0142
138.03	-0.017	194.9	-0.0231	138.03	-0.029	183.8	-0.0151
138.07	-0.017	194.8	-0.024	138.07	-0.029	183.6	-0.0151
138.10	-0.017	194.7	-0.024	138.10	-0.028	183.5	-0.0151
138.13	-0.017	194.6	-0.024	138.13	-0.028	183.5	-0.0151
138.17	-0.017	194.5	-0.0231	138.17	-0.028	183.4	-0.0151
138.20	-0.016	194.5	-0.0222	138.20	-0.027	183.3	-0.0142
138.23	-0.015	194.5	-0.0222	138.23	-0.025	183.3	-0.0124
138.27	-0.014	194.5	-0.0213	138.27	-0.025	183.3	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
138.30	-0.014	194.5	-0.0204	138.30	-0.023	183.4	-0.008
138.33	-0.013	194.5	-0.0186	138.33	-0.02	183.4	-0.008
138.37	-0.011	194.5	-0.0169	138.37	-0.02	183.4	-0.0053
138.40	-0.01	194.6	-0.0142	138.40	-0.019	183.5	-0.0018
138.43	-0.009	194.7	-0.0115	138.43	-0.016	183.7	0.0018
138.47	-0.006	194.9	-0.0115	138.47	-0.013	183.9	0.0062
138.50	-0.005	194.9	-0.0089	138.50	-0.012	184.1	0.0107
138.53	-0.005	194.9	-0.0062	138.53	-0.008	184.4	0.0107
138.57	-0.003	195.2	-0.0027	138.57	-0.005	184.7	0.0169
138.60	0	195.4	0.0018	138.60	-0.005	184.7	0.0222
138.63	0.001	195.5	0.0044	138.63	-0.003	184.9	0.0284
138.67	0.003	195.8	0.008	138.67	0.002	185.4	0.0355
138.70	0.007	196	0.008	138.70	0.004	185.7	0.0408
138.73	0.007	196	0.0124	138.73	0.007	186	0.0479
138.78	0.009	196.4	0.0178	138.77	0.012	186.5	0.0479
138.82	0.011	196.6	0.0178	138.80	0.014	186.5	0.055
138.83	0.012	196.6	0.0204	138.83	0.014	186.8	0.0595
138.87	0.012	196.8	0.0249	138.87	0.016	187.2	0.0657
138.90	0.014	197	0.0302	138.90	0.021	187.7	0.0728
138.93	0.017	197.3	0.0346	138.93	0.023	188.1	0.0781
138.97	0.019	197.6	0.0373	138.97	0.024	188.5	0.0834
139.00	0.02	197.8	0.0408	139.00	0.029	188.9	0.0834
139.03	0.022	198.1	0.0408	139.03	0.029	188.9	0.0897
139.07	0.023	198.3	0.0444	139.07	0.029	189.2	0.0932
139.10	0.023	198.3	0.047	139.10	0.031	189.7	0.0994
139.13	0.024	198.5	0.0488	139.13	0.035	190	0.1039
139.17	0.025	198.7	0.0506	139.17	0.036	190.3	0.1065
139.20	0.027	198.9	0.0524	139.22	0.037	190.7	0.1101
139.23	0.027	199.1	0.055	139.25	0.038	190.9	0.1118
139.27	0.028	199.3	0.055	139.28	0.039	191.2	0.1136
139.30	0.029	199.4	0.0559	139.32	0.039	191.4	0.1154
139.33	0.029	199.4	0.0568	139.33	0.04	191.7	0.1154
139.37	0.029	199.6	0.0568	139.37	0.04	191.7	0.1172
139.40	0.029	199.7	0.0577	139.40	0.04	191.9	0.1172
139.43	0.029	199.8	0.0577	139.43	0.04	192	0.1172
139.47	0.029	199.9	0.0577	139.47	0.04	192.2	0.1172
139.50	0.028	200	0.0577	139.50	0.04	192.3	0.1172
139.53	0.027	200	0.0568	139.53	0.039	192.4	0.1163
139.57	0.027	200	0.0559	139.57	0.037	192.4	0.1163
139.60	0.027	200	0.055	139.60	0.037	192.4	0.1145
139.63	0.025	200	0.0533	139.63	0.035	192.4	0.111
139.67	0.024	200	0.0524	139.67	0.033	192.3	0.1083
139.70	0.023	199.9	0.0497	139.70	0.031	192.2	0.1056
139.73	0.021	199.8	0.0497	139.73	0.029	192.1	0.1021
139.77	0.019	199.8	0.047	139.77	0.027	191.9	0.1021
139.80	0.019	199.8	0.0444	139.80	0.023	191.8	0.0985
139.83	0.018	199.7	0.0417	139.83	0.023	191.8	0.0941
139.87	0.016	199.5	0.0391	139.87	0.022	191.6	0.0888
139.90	0.013	199.3	0.0364	139.90	0.018	191.2	0.0834
139.93	0.012	199.2	0.0328	139.93	0.015	191	0.0781
139.97	0.01	199	0.0284	139.97	0.013	190.7	0.0719
140.00	0.007	198.8	0.0284	140.00	0.007	190.3	0.0719
140.03	0.007	198.8	0.024	140.03	0.006	190.3	0.0648
140.07	0.006	198.6	0.0213	140.07	0.006	190	0.0595
140.10	0.004	198.3	0.0169	140.10	0.004	189.7	0.0533
140.13	0.001	198.1	0.0124	140.13	-0.002	189.1	0.0462
140.17	0	197.9	0.0098	140.17	-0.004	188.8	0.0399
140.20	-0.002	197.6	0.0053	140.20	-0.006	188.4	0.0346
140.25	-0.005	197.4	0.0009	140.23	-0.011	187.9	0.0346
140.28	-0.005	197.2	-0.0009	140.27	-0.012	187.9	0.0275
140.30	-0.007	196.9	-0.0036	140.30	-0.012	187.5	0.0222
140.33	-0.01	196.7	-0.0036	140.33	-0.014	187.1	0.016
140.37	-0.01	196.7	-0.008	140.37	-0.019	186.5	0.0098

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
140.40	-0.01	196.5	-0.0107	140.40	-0.019	186.2	0.0053
140.43	-0.011	196.2	-0.0133	140.43	-0.021	185.8	0.0009
140.47	-0.014	196	-0.016	140.47	-0.024	185.4	0.0009
140.50	-0.014	195.8	-0.0178	140.50	-0.025	185.4	-0.0027
140.53	-0.015	195.6	-0.0195	140.53	-0.025	185.1	-0.0062
140.57	-0.016	195.3	-0.0195	140.57	-0.026	184.8	-0.0089
140.60	-0.016	195.3	-0.0213	140.60	-0.028	184.4	-0.0115
140.63	-0.016	195.1	-0.0222	140.65	-0.028	184.2	-0.0133
140.67	-0.017	195	-0.0231	140.68	-0.028	184	-0.0142
140.70	-0.017	194.8	-0.024	140.72	-0.029	183.8	-0.0151
140.73	-0.017	194.7	-0.024	140.75	-0.029	183.6	-0.016
140.77	-0.017	194.6	-0.024	140.77	-0.029	183.5	-0.016
140.80	-0.017	194.5	-0.024	140.80	-0.028	183.4	-0.016
140.83	-0.016	194.5	-0.024	140.83	-0.027	183.4	-0.0151
140.87	-0.016	194.5	-0.0231	140.87	-0.027	183.3	-0.0142
140.90	-0.016	194.5	-0.0222	140.90	-0.026	183.3	-0.0133
140.93	-0.014	194.5	-0.0204	140.93	-0.024	183.3	-0.0107
140.97	-0.013	194.5	-0.0195	140.97	-0.023	183.3	-0.008
141.00	-0.013	194.5	-0.0178	141.00	-0.021	183.5	-0.008
141.03	-0.01	194.6	-0.0178	141.03	-0.018	183.6	-0.0053
141.07	-0.009	194.6	-0.016	141.07	-0.018	183.6	-0.0018
141.10	-0.009	194.7	-0.0142	141.10	-0.017	183.7	0.0018
141.13	-0.008	194.7	-0.0115	141.13	-0.013	183.9	0.0062
141.17	-0.005	194.9	-0.008	141.17	-0.011	184.1	0.0107
141.20	-0.004	195	-0.0053	141.20	-0.009	184.3	0.016
141.23	-0.003	195.2	-0.0018	141.23	-0.004	184.7	0.016
141.27	0.001	195.4	-0.0018	141.27	-0.002	184.7	0.0222
141.30	0.002	195.4	0.0018	141.30	-0.002	184.9	0.0275
141.33	0.002	195.6	0.0053	141.33	0	185.3	0.0346
141.37	0.004	195.8	0.0098	141.37	0.005	185.7	0.0417
141.40	0.007	196.1	0.0133	141.40	0.007	186	0.0462
141.43	0.009	196.3	0.0169	141.43	0.009	186.4	0.0524
141.47	0.01	196.5	0.0204	141.47	0.015	186.8	0.0524
141.50	0.013	196.8	0.0204	141.50	0.016	186.8	0.0595
141.53	0.015	197	0.0249	141.53	0.016	187.2	0.0648
141.57	0.015	197	0.0293	141.57	0.019	187.6	0.071
141.60	0.016	197.2	0.0337	141.60	0.024	188.1	0.0781
141.63	0.019	197.5	0.0373	141.63	0.025	188.4	0.0826
141.68	0.02	197.7	0.0399	141.67	0.026	188.9	0.0879
141.72	0.02	197.9	0.0417	141.70	0.031	189.3	0.0879
141.75	0.022	198.2	0.0444	141.73	0.032	189.3	0.0941
141.77	0.024	198.4	0.047	141.77	0.032	189.6	0.0976
141.80	0.025	198.6	0.0497	141.80	0.033	190	0.1021
141.83	0.026	198.8	0.0497	141.83	0.036	190.3	0.1065
141.87	0.027	199	0.0524	141.87	0.037	190.6	0.1092
141.90	0.027	199	0.0533	141.90	0.038	191	0.1127
141.93	0.028	199.2	0.055	141.93	0.04	191.2	0.1127
141.97	0.028	199.3	0.0559	141.97	0.04	191.2	0.1145
142.00	0.028	199.5	0.0568	142.00	0.04	191.5	0.1154
142.03	0.029	199.7	0.0577	142.03	0.04	191.7	0.1172
142.07	0.029	199.8	0.0577	142.07	0.04	191.9	0.1172
142.10	0.029	199.9	0.0577	142.12	0.04	192	0.1172
142.13	0.029	199.9	0.0577	142.15	0.04	192.2	0.1172
142.17	0.029	199.9	0.0577	142.18	0.04	192.3	0.1172
142.20	0.028	200	0.0568	142.20	0.039	192.4	0.1163
142.23	0.027	200	0.0559	142.25	0.038	192.4	0.1145
142.27	0.026	200	0.0541	142.27	0.035	192.4	0.1145
142.30	0.025	200	0.0533	142.30	0.034	192.4	0.1118
142.33	0.023	200	0.0533	142.33	0.034	192.4	0.1101
142.37	0.022	200	0.0515	142.37	0.033	192.4	0.1074
142.40	0.022	200	0.0497	142.40	0.03	192.2	0.1039
142.43	0.021	199.9	0.047	142.43	0.027	192	0.0994
142.47	0.018	199.8	0.0435	142.47	0.025	191.9	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
142.50	0.017	199.7	0.0417	142.50	0.021	191.6	0.095
142.53	0.016	199.6	0.0382	142.53	0.019	191.4	0.0905
142.57	0.012	199.3	0.0382	142.57	0.019	191.4	0.0852
142.60	0.011	199.3	0.0346	142.60	0.017	191.2	0.0799
142.63	0.011	199.2	0.032	142.63	0.013	190.8	0.0728
142.67	0.01	199	0.0284	142.67	0.009	190.5	0.0675
142.70	0.006	198.7	0.0231	142.70	0.007	190.2	0.0612
142.73	0.005	198.6	0.0204	142.73	0.003	189.7	0.0541
142.77	0.004	198.4	0.016	142.77	0	189.3	0.0541
142.80	0	198.1	0.016	142.80	0	189.3	0.0488
142.83	-0.002	198.1	0.0115	142.83	-0.002	189	0.0417
142.87	-0.002	197.8	0.008	142.87	-0.006	188.5	0.0355
142.90	-0.002	197.6	0.0044	142.90	-0.009	188.1	0.0302
142.93	-0.006	197.3	0	142.93	-0.011	187.7	0.024
142.97	-0.007	197.1	-0.0027	142.97	-0.014	187.2	0.0169
143.00	-0.008	196.8	-0.0071	143.00	-0.017	186.7	0.0169
143.03	-0.011	196.5	-0.0071	143.03	-0.017	186.7	0.0115
143.07	-0.012	196.3	-0.0107	143.07	-0.018	186.4	0.0071
143.10	-0.012	196.3	-0.0124	143.10	-0.021	185.9	0.0018
143.15	-0.014	195.9	-0.0151	143.13	-0.024	185.6	-0.0018
143.18	-0.014	195.7	-0.016	143.17	-0.024	185.3	-0.0044
143.20	-0.014	195.7	-0.0178	143.20	-0.025	184.9	-0.008
143.23	-0.015	195.5	-0.0204	143.23	-0.027	184.6	-0.008
143.27	-0.016	195.2	-0.0213	143.27	-0.027	184.6	-0.0107
143.30	-0.017	195.1	-0.0222	143.30	-0.028	184.3	-0.0124
143.33	-0.017	194.9	-0.0231	143.33	-0.028	184.1	-0.0142
143.37	-0.017	194.8	-0.0231	143.37	-0.029	183.9	-0.0151
143.40	-0.017	194.7	-0.0231	143.40	-0.029	183.7	-0.0151
143.43	-0.017	194.7	-0.024	143.43	-0.029	183.6	-0.016
143.47	-0.017	194.6	-0.024	143.47	-0.028	183.5	-0.016
143.50	-0.017	194.5	-0.0231	143.50	-0.027	183.5	-0.0151
143.53	-0.016	194.5	-0.0231	143.53	-0.027	183.4	-0.0142
143.57	-0.015	194.5	-0.0213	143.58	-0.025	183.3	-0.0124
143.60	-0.014	194.5	-0.0213	143.62	-0.024	183.3	-0.0115
143.63	-0.013	194.5	-0.0195	143.63	-0.024	183.3	-0.0098
143.67	-0.013	194.5	-0.0186	143.67	-0.022	183.4	-0.0071
143.70	-0.012	194.5	-0.016	143.70	-0.019	183.5	-0.0036
143.73	-0.01	194.6	-0.0151	143.73	-0.018	183.6	-0.0009
143.77	-0.008	194.7	-0.0124	143.77	-0.016	183.8	0.0027
143.80	-0.007	194.8	-0.0098	143.80	-0.011	184.1	0.0027
143.83	-0.005	195	-0.0098	143.83	-0.01	184.1	0.008
143.87	-0.003	195.1	-0.0062	143.87	-0.01	184.2	0.0124
143.90	-0.003	195.1	-0.0036	143.90	-0.008	184.5	0.0178
143.93	-0.002	195.2	0.0009	143.93	-0.003	184.9	0.024
143.97	0.001	195.6	0.0044	143.97	-0.002	185.1	0.0302
144.00	0.003	195.7	0.0071	144.00	0.001	185.5	0.0373
144.03	0.004	195.9	0.0107	144.03	0.007	185.9	0.0373
144.07	0.007	196.2	0.0107	144.07	0.008	185.9	0.0444
144.10	0.01	196.4	0.0151	144.10	0.008	186.2	0.0488
144.13	0.01	196.4	0.0186	144.13	0.01	186.6	0.055
144.17	0.011	196.6	0.0231	144.17	0.016	187.1	0.063
144.20	0.014	196.9	0.0284	144.20	0.018	187.4	0.0675
144.23	0.016	197.1	0.0311	144.23	0.02	187.8	0.0737
144.27	0.017	197.3	0.0346	144.27	0.024	188.2	0.0737
144.30	0.019	197.7	0.0382	144.30	0.026	188.6	0.0799
144.33	0.021	197.9	0.0382	144.33	0.026	188.6	0.0843
144.37	0.021	197.9	0.0417	144.37	0.028	189	0.0905
144.40	0.022	198.1	0.0453	144.40	0.031	189.4	0.0959
144.43	0.023	198.3	0.0479	144.43	0.033	189.8	0.0994
144.47	0.025	198.6	0.0497	144.47	0.034	190.1	0.1039
144.50	0.026	198.7	0.0524	144.50	0.037	190.5	0.1039
144.53	0.026	199	0.0541	144.53	0.038	190.8	0.1083
144.58	0.027	199.2	0.055	144.57	0.038	190.8	0.1101

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
144.62	0.028	199.3	0.0559	144.60	0.038	191	0.1127
144.65	0.028	199.5	0.0568	144.63	0.039	191.3	0.1145
144.67	0.029	199.6	0.0568	144.67	0.04	191.5	0.1163
144.70	0.029	199.6	0.0577	144.70	0.04	191.8	0.1172
144.73	0.029	199.7	0.0577	144.73	0.04	191.9	0.1172
144.77	0.029	199.8	0.0577	144.77	0.04	192.1	0.1172
144.80	0.029	199.9	0.0577	144.80	0.04	192.1	0.1172
144.83	0.028	200	0.0577	144.83	0.04	192.2	0.1172
144.87	0.028	200	0.0559	144.87	0.04	192.4	0.1172
144.90	0.026	200	0.0559	144.90	0.038	192.4	0.1154
144.93	0.026	200	0.055	144.93	0.037	192.4	0.1136
144.97	0.026	200	0.0541	144.97	0.035	192.4	0.1101
145.00	0.025	200	0.0524	145.02	0.033	192.3	0.1074
145.03	0.022	199.9	0.0497	145.05	0.031	192.3	0.1056
145.07	0.021	199.9	0.0479	145.07	0.029	192.2	0.103
145.10	0.02	199.8	0.0453	145.12	0.028	192	0.0985
145.13	0.017	199.7	0.0453	145.15	0.023	191.8	0.0985
145.17	0.017	199.7	0.0426	145.17	0.022	191.7	0.0941
145.20	0.017	199.6	0.0408	145.20	0.022	191.7	0.0905
145.23	0.015	199.4	0.0373	145.23	0.02	191.5	0.0843
145.27	0.011	199.2	0.0328	145.27	0.016	191.2	0.0781
145.30	0.01	199.1	0.0302	145.30	0.011	190.7	0.0719
145.33	0.009	198.9	0.0249	145.33	0.01	190.5	0.0675
145.37	0.005	198.7	0.0249	145.37	0.007	190.2	0.0604
145.40	0.004	198.7	0.0213	145.40	0.002	189.7	0.0604
145.43	0.004	198.5	0.0178	145.43	0	189.3	0.0533
145.47	0.003	198.2	0.0133	145.47	0	189.3	0.0497
145.50	-0.001	197.9	0.0089	145.50	-0.002	189	0.0426
145.53	-0.002	197.7	0.0062	145.53	-0.006	188.4	0.0355
145.57	-0.004	197.4	0.0018	145.57	-0.009	188.1	0.0293
145.60	-0.007	197.1	0.0018	145.60	-0.011	187.7	0.0231
145.63	-0.008	197.1	-0.0027	145.63	-0.014	187.2	0.0231
145.67	-0.008	196.9	-0.0053	145.67	-0.017	186.7	0.0169
145.70	-0.009	196.6	-0.0089	145.70	-0.017	186.7	0.0124
145.73	-0.012	196.4	-0.0115	145.73	-0.018	186.4	0.0071
145.77	-0.012	196.2	-0.0142	145.77	-0.022	185.9	0.0018
145.80	-0.013	196	-0.0169	145.80	-0.023	185.6	-0.0018
145.83	-0.015	195.7	-0.0169	145.83	-0.024	185.3	-0.0053
145.87	-0.015	195.7	-0.0186	145.87	-0.026	184.9	-0.0053
145.90	-0.015	195.6	-0.0195	145.90	-0.027	184.9	-0.0089
145.93	-0.016	195.3	-0.0213	145.93	-0.027	184.6	-0.0107
145.97	-0.017	195.1	-0.0222	145.97	-0.028	184.3	-0.0124
146.00	-0.017	195	-0.0231	146.00	-0.028	184.1	-0.0142
146.05	-0.017	194.8	-0.024	146.03	-0.029	183.9	-0.0151
146.08	-0.017	194.7	-0.024	146.07	-0.029	183.7	-0.0151
146.10	-0.017	194.6	-0.024	146.10	-0.028	183.6	-0.0151
146.13	-0.017	194.6	-0.024	146.13	-0.028	183.6	-0.0151
146.17	-0.016	194.5	-0.024	146.17	-0.028	183.5	-0.0151
146.20	-0.015	194.5	-0.0231	146.20	-0.027	183.4	-0.0133
146.23	-0.015	194.5	-0.0222	146.23	-0.026	183.4	-0.0124
146.27	-0.015	194.4	-0.0213	146.27	-0.025	183.4	-0.0107
146.30	-0.013	194.5	-0.0195	146.30	-0.023	183.4	-0.008
146.33	-0.012	194.5	-0.0186	146.33	-0.02	183.6	-0.008
146.37	-0.011	194.5	-0.016	146.37	-0.019	183.6	-0.0053
146.40	-0.009	194.7	-0.016	146.40	-0.019	183.6	-0.0027
146.43	-0.008	194.7	-0.0133	146.43	-0.017	183.7	0.0018
146.47	-0.008	194.7	-0.0115	146.48	-0.012	184.1	0.0053
146.50	-0.007	194.8	-0.008	146.52	-0.01	184.1	0.008
146.53	-0.004	195	-0.0044	146.55	-0.01	184.3	0.0124
146.57	-0.002	195.2	-0.0027	146.58	-0.008	184.6	0.0178
146.60	-0.001	195.4	0.0018	146.60	-0.003	184.9	0.024
146.63	0.002	195.6	0.0018	146.63	-0.001	185.1	0.032
146.67	0.004	195.8	0.0053	146.67	0.002	185.6	0.0382

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
146.70	0.004	195.8	0.0089	146.70	0.007	186	0.0382
146.73	0.005	196	0.0124	146.73	0.008	186	0.0453
146.77	0.009	196.3	0.0169	146.77	0.008	186.2	0.0497
146.80	0.01	196.5	0.0204	146.80	0.011	186.6	0.0559
146.83	0.012	196.7	0.0249	146.83	0.016	187.2	0.063
146.87	0.014	197	0.0249	146.87	0.017	187.5	0.0683
146.90	0.016	197.2	0.0293	146.90	0.02	187.9	0.0737
146.93	0.016	197.2	0.0328	146.93	0.025	188.4	0.0737
146.97	0.017	197.4	0.0364	146.97	0.026	188.4	0.0808
147.00	0.02	197.8	0.0408	147.00	0.026	188.7	0.0852
147.03	0.021	198	0.0426	147.03	0.028	189	0.0914
147.07	0.022	198.2	0.0462	147.07	0.032	189.5	0.0968
147.10	0.024	198.4	0.0462	147.10	0.033	189.8	0.1003
147.13	0.026	198.7	0.0488	147.13	0.034	190.1	0.1039
147.17	0.026	198.7	0.0506	147.17	0.036	190.5	0.1039
147.20	0.026	198.8	0.0524	147.20	0.038	190.8	0.1083
147.23	0.027	199	0.0541	147.23	0.038	190.8	0.111
147.27	0.028	199.2	0.0559	147.27	0.038	191.1	0.1127
147.30	0.028	199.4	0.0568	147.30	0.039	191.4	0.1154
147.33	0.029	199.5	0.0577	147.33	0.04	191.6	0.1163
147.37	0.029	199.7	0.0577	147.37	0.04	191.8	0.1172
147.40	0.029	199.7	0.0577	147.40	0.04	192	0.1172
147.43	0.029	199.8	0.0577	147.43	0.04	192.2	0.1172
147.48	0.028	199.9	0.0577	147.47	0.04	192.2	0.1181
147.52	0.028	199.9	0.0577	147.50	0.04	192.3	0.1181
147.55	0.028	200	0.0577	147.53	0.04	192.4	0.1172
147.57	0.027	200	0.0559	147.57	0.038	192.5	0.1163
147.60	0.025	200	0.0541	147.60	0.036	192.5	0.1136
147.63	0.025	200	0.0533	147.63	0.035	192.5	0.111
147.67	0.024	200	0.0515	147.67	0.032	192.3	0.1074
147.70	0.022	199.9	0.0515	147.70	0.03	192.2	0.1074
147.73	0.021	199.9	0.0488	147.73	0.028	192.2	0.1047
147.77	0.021	199.9	0.047	147.77	0.028	192.2	0.1012
147.80	0.02	199.8	0.0444	147.80	0.026	191.9	0.0976
147.83	0.016	199.6	0.0408	147.83	0.022	191.7	0.0923
147.87	0.015	199.6	0.0391	147.87	0.021	191.6	0.0879
147.90	0.014	199.4	0.0355	147.92	0.018	191.2	0.0817
147.93	0.011	199.2	0.0355	147.95	0.015	191	0.0781
147.97	0.01	199.2	0.032	147.98	0.013	190.8	0.0737
148.00	0.01	199	0.0293	148.00	0.011	190.4	0.0666
148.03	0.008	198.8	0.024	148.03	0.004	190	0.0666
148.07	0.004	198.6	0.0195	148.07	0.003	189.7	0.0586
148.10	0.003	198.4	0.016	148.10	0.003	189.7	0.0541
148.13	0.002	198.2	0.0124	148.13	0.001	189.4	0.0479
148.17	-0.002	197.8	0.0124	148.17	-0.004	188.8	0.0408
148.20	-0.003	197.8	0.008	148.20	-0.006	188.5	0.0355
148.23	-0.003	197.6	0.0053	148.23	-0.008	188.1	0.0293
148.27	-0.004	197.4	0.0009	148.27	-0.012	187.6	0.0222
148.30	-0.007	197.1	-0.0036	148.30	-0.015	187.2	0.0222
148.33	-0.009	196.8	-0.0062	148.33	-0.016	187.2	0.0169
148.37	-0.009	196.6	-0.0089	148.37	-0.016	186.8	0.0124
148.40	-0.012	196.3	-0.0089	148.40	-0.018	186.3	0.0071
148.43	-0.013	196.1	-0.0124	148.43	-0.022	185.9	0.0018
148.47	-0.013	196.1	-0.0142	148.47	-0.023	185.6	-0.0018
148.50	-0.014	195.9	-0.0169	148.50	-0.024	185.2	-0.0053
148.53	-0.015	195.7	-0.0195	148.53	-0.027	184.9	-0.0053
148.57	-0.016	195.4	-0.0204	148.57	-0.027	184.9	-0.0089
148.60	-0.016	195.2	-0.0213	148.60	-0.027	184.6	-0.0107
148.63	-0.017	195.1	-0.0213	148.63	-0.027	184.4	-0.0124
148.67	-0.017	194.9	-0.0222	148.67	-0.029	184.1	-0.0142
148.70	-0.017	194.9	-0.0231	148.70	-0.029	183.9	-0.0151
148.73	-0.017	194.8	-0.0231	148.73	-0.029	183.7	-0.0151
148.77	-0.017	194.7	-0.024	148.77	-0.028	183.6	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
148.80	-0.017	194.6	-0.024	148.80	-0.028	183.5	-0.0151
148.83	-0.017	194.5	-0.0231	148.83	-0.028	183.5	-0.0151
148.87	-0.016	194.5	-0.0222	148.87	-0.027	183.4	-0.0142
148.90	-0.015	194.5	-0.0222	148.90	-0.026	183.4	-0.0124
148.95	-0.014	194.5	-0.0204	148.93	-0.025	183.4	-0.0107
148.98	-0.014	194.5	-0.0195	148.97	-0.023	183.4	-0.0089
149.00	-0.012	194.5	-0.0195	149.00	-0.021	183.5	-0.0053
149.03	-0.011	194.5	-0.0178	149.03	-0.018	183.7	-0.0053
149.07	-0.011	194.6	-0.016	149.07	-0.017	183.7	-0.0027
149.10	-0.009	194.7	-0.0124	149.10	-0.017	183.7	0.0009
149.13	-0.006	194.8	-0.0098	149.13	-0.015	184	0.0053
149.17	-0.006	194.9	-0.008	149.17	-0.01	184.2	0.0098
149.20	-0.004	195.1	-0.0044	149.20	-0.009	184.4	0.0142
149.23	-0.001	195.3	-0.0044	149.23	-0.007	184.7	0.0204
149.27	0	195.3	0	149.27	-0.001	185	0.0204
149.30	0	195.4	0.0027	149.30	0	185	0.0284
149.33	0.002	195.7	0.0062	149.33	0	185.3	0.0337
149.37	0.005	195.9	0.0107	149.38	0.006	186	0.0399
149.40	0.006	196.1	0.0142	149.42	0.008	186.3	0.0435
149.43	0.008	196.4	0.0186	149.43	0.008	186.3	0.0488
149.47	0.012	196.6	0.0186	149.47	0.01	186.6	0.0559
149.50	0.012	196.6	0.0231	149.50	0.015	187.2	0.063
149.53	0.012	196.8	0.0257	149.53	0.018	187.5	0.0683
149.57	0.014	197.1	0.0311	149.57	0.02	187.8	0.0746
149.60	0.018	197.4	0.0346	149.60	0.023	188.4	0.0799
149.63	0.018	197.5	0.0382	149.63	0.027	188.7	0.0799
149.67	0.02	197.8	0.0408	149.67	0.028	188.7	0.0861
149.70	0.022	198.1	0.0408	149.70	0.028	189.1	0.0905
149.73	0.023	198.3	0.0444	149.73	0.03	189.5	0.0959
149.77	0.023	198.3	0.047	149.77	0.034	189.9	0.1003
149.80	0.024	198.5	0.0497	149.80	0.034	190.2	0.1039
149.83	0.026	198.7	0.0524	149.83	0.035	190.5	0.1083
149.87	0.027	198.9	0.0533	149.87	0.038	190.8	0.1083
149.90	0.027	199.1	0.0541	149.90	0.039	191.1	0.111
149.93	0.028	199.3	0.0541	149.93	0.039	191.1	0.1127
149.97	0.028	199.4	0.0559	149.97	0.039	191.4	0.1154
150.00	0.028	199.4	0.0568	150.00	0.04	191.6	0.1163
150.03	0.029	199.6	0.0577	150.03	0.04	191.8	0.1172
150.07	0.029	199.7	0.0577	150.07	0.04	192	0.1181
150.10	0.029	199.8	0.0577	150.10	0.04	192.2	0.1181
150.13	0.029	199.9	0.0577	150.13	0.04	192.3	0.1181
150.17	0.028	200	0.0577	150.17	0.04	192.3	0.1181
150.20	0.027	200	0.0577	150.20	0.04	192.4	0.1181
150.23	0.027	200	0.0568	150.23	0.039	192.5	0.1163
150.27	0.027	200	0.055	150.27	0.036	192.4	0.1136
150.30	0.025	200	0.0533	150.30	0.035	192.4	0.1118
150.33	0.023	200	0.0515	150.33	0.033	192.4	0.1083
150.37	0.023	200	0.0506	150.37	0.03	192.2	0.1083
150.42	0.022	199.9	0.0479	150.40	0.028	192.2	0.1047
150.45	0.02	199.8	0.0462	150.43	0.028	192.2	0.1021
150.47	0.019	199.8	0.0444	150.47	0.026	192.1	0.0976
150.50	0.017	199.6	0.0408	150.50	0.023	191.7	0.0923
150.53	0.014	199.5	0.0408	150.53	0.02	191.5	0.0879
150.57	0.013	199.5	0.0373	150.57	0.018	191.4	0.0826
150.60	0.013	199.3	0.0346	150.60	0.015	190.9	0.0763
150.63	0.011	199.1	0.0311	150.63	0.01	190.6	0.0763
150.67	0.007	198.9	0.0257	150.67	0.009	190.6	0.0701
150.70	0.007	198.7	0.0231	150.70	0.009	190.4	0.0648
150.73	0.005	198.5	0.0186	150.73	0.006	189.9	0.0577
150.77	0.001	198.2	0.0186	150.77	0	189.5	0.0506
150.80	0.001	198.2	0.0142	150.82	-0.001	189.2	0.0462
150.83	0.001	198.1	0.0115	150.85	-0.002	188.9	0.0426
150.87	-0.001	197.8	0.0071	150.88	-0.007	188.5	0.0355

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
150.90	-0.005	197.5	0.0027	150.90	-0.008	188.1	0.0311
150.93	-0.005	197.3	0	150.93	-0.01	187.7	0.0231
150.97	-0.006	197	-0.0036	150.97	-0.016	187.2	0.0231
151.00	-0.01	196.7	-0.0036	151.00	-0.017	186.8	0.016
151.03	-0.01	196.7	-0.008	151.03	-0.017	186.8	0.0124
151.07	-0.01	196.5	-0.0098	151.07	-0.018	186.4	0.0071
151.10	-0.011	196.3	-0.0133	151.10	-0.021	185.9	0.0018
151.13	-0.014	196	-0.016	151.13	-0.023	185.6	-0.0018
151.17	-0.014	195.8	-0.0169	151.17	-0.024	185.3	-0.0044
151.20	-0.015	195.6	-0.0195	151.20	-0.025	184.9	-0.0089
151.23	-0.016	195.4	-0.0195	151.23	-0.027	184.6	-0.0089
151.27	-0.016	195.4	-0.0213	151.27	-0.028	184.6	-0.0115
151.30	-0.016	195.2	-0.0222	151.30	-0.028	184.4	-0.0124
151.33	-0.017	195	-0.0231	151.33	-0.028	184.1	-0.0142
151.37	-0.017	194.9	-0.024	151.37	-0.029	183.9	-0.0151
151.40	-0.017	194.8	-0.024	151.40	-0.029	183.7	-0.016
151.43	-0.017	194.7	-0.024	151.43	-0.029	183.6	-0.0151
151.47	-0.017	194.6	-0.024	151.47	-0.028	183.5	-0.0151
151.50	-0.016	194.6	-0.024	151.50	-0.027	183.4	-0.0151
151.53	-0.016	194.5	-0.0231	151.53	-0.027	183.4	-0.0142
151.57	-0.016	194.5	-0.0222	151.57	-0.026	183.4	-0.0124
151.60	-0.015	194.5	-0.0204	151.60	-0.025	183.4	-0.0107
151.63	-0.014	194.5	-0.0195	151.63	-0.023	183.4	-0.0089
151.67	-0.012	194.5	-0.0178	151.67	-0.022	183.5	-0.0062
151.70	-0.011	194.6	-0.0178	151.70	-0.019	183.7	-0.0027
151.73	-0.009	194.6	-0.016	151.73	-0.016	183.8	-0.0027
151.77	-0.009	194.7	-0.0133	151.77	-0.015	183.8	0.0009
151.80	-0.008	194.8	-0.0107	151.80	-0.015	183.9	0.0044
151.85	-0.005	195	-0.008	151.83	-0.013	184.2	0.0089
151.88	-0.005	195	-0.0062	151.87	-0.008	184.4	0.0142
151.92	-0.003	195.1	-0.0027	151.90	-0.007	184.6	0.0186
151.93	0	195.4	0.0009	151.93	-0.004	185	0.0257
151.97	0.001	195.6	0.0036	151.97	0.002	185.4	0.0257
152.00	0.002	195.7	0.008	152.00	0.003	185.4	0.0337
152.03	0.006	196	0.008	152.03	0.003	185.6	0.0391
152.07	0.008	196.2	0.0115	152.07	0.005	186	0.0453
152.10	0.008	196.2	0.016	152.10	0.011	186.4	0.0524
152.13	0.009	196.4	0.0195	152.13	0.012	186.7	0.0568
152.17	0.012	196.7	0.024	152.17	0.015	187.1	0.063
152.20	0.014	196.9	0.0275	152.20	0.019	187.6	0.063
152.23	0.015	197.2	0.032	152.23	0.022	188	0.0701
152.27	0.018	197.5	0.032	152.28	0.023	188.3	0.079
152.30	0.019	197.7	0.0355	152.32	0.024	188.7	0.0834
152.33	0.019	197.7	0.0382	152.33	0.029	189.1	0.0834
152.37	0.02	197.9	0.0417	152.37	0.03	189.1	0.0897
152.40	0.022	198.2	0.0453	152.40	0.03	189.4	0.0941
152.43	0.024	198.4	0.0479	152.43	0.031	189.8	0.0994
152.47	0.025	198.6	0.0497	152.47	0.035	190.2	0.1047
152.50	0.026	198.8	0.0497	152.50	0.036	190.5	0.1065
152.53	0.027	199	0.0524	152.53	0.037	190.8	0.1101
152.57	0.027	199	0.0533	152.57	0.039	191.1	0.1101
152.60	0.027	199.2	0.055	152.60	0.039	191.1	0.1136
152.63	0.028	199.4	0.0559	152.63	0.039	191.3	0.1145
152.67	0.028	199.5	0.0577	152.67	0.04	191.6	0.1163
152.70	0.029	199.7	0.0577	152.70	0.04	191.8	0.1181
152.73	0.029	199.8	0.0577	152.73	0.04	192	0.1181
152.77	0.029	199.9	0.0586	152.77	0.04	192.1	0.1181
152.80	0.029	199.9	0.0577	152.80	0.04	192.3	0.1181
152.83	0.028	199.9	0.0577	152.83	0.04	192.4	0.1181
152.87	0.028	200	0.0568	152.87	0.039	192.4	0.1181
152.90	0.026	200	0.055	152.90	0.039	192.5	0.1163
152.93	0.026	200	0.0541	152.93	0.037	192.5	0.1145
152.97	0.025	200	0.0524	152.97	0.034	192.4	0.1118

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
153.00	0.023	200	0.0524	153.00	0.033	192.4	0.1092
153.03	0.022	200	0.0506	153.03	0.031	192.3	0.1056
153.07	0.022	199.9	0.0497	153.07	0.028	192.2	0.1056
153.10	0.021	199.8	0.0462	153.10	0.026	192.2	0.1021
153.13	0.018	199.8	0.0435	153.13	0.026	192.1	0.0985
153.17	0.017	199.7	0.0417	153.17	0.024	191.9	0.0932
153.20	0.016	199.5	0.0382	153.20	0.02	191.6	0.0879
153.23	0.012	199.3	0.0382	153.23	0.018	191.4	0.0834
153.27	0.011	199.3	0.0346	153.27	0.016	191.1	0.0772
153.32	0.01	199	0.0302	153.30	0.011	190.7	0.0772
153.35	0.008	198.8	0.0302	153.33	0.008	190.4	0.0701
153.37	0.006	198.8	0.0249	153.37	0.008	190.4	0.0648
153.40	0.006	198.7	0.0213	153.40	0.006	190.1	0.0586
153.43	0.005	198.4	0.0169	153.43	0.002	189.6	0.0524
153.47	0.001	198.1	0.0124	153.47	-0.002	189.2	0.0462
153.50	0	197.9	0.0098	153.50	-0.003	188.9	0.0408
153.53	-0.002	197.7	0.0053	153.53	-0.006	188.4	0.0346
153.57	-0.005	197.4	0.0053	153.57	-0.011	187.9	0.0346
153.60	-0.006	197.4	0.0009	153.60	-0.012	187.9	0.0275
153.63	-0.006	197.2	-0.0018	153.63	-0.012	187.6	0.0213
153.67	-0.007	196.9	-0.0053	153.67	-0.014	187.1	0.0151
153.70	-0.01	196.6	-0.0089	153.70	-0.019	186.6	0.0089
153.73	-0.011	196.4	-0.0115	153.75	-0.019	186.3	0.0053
153.77	-0.012	196.2	-0.0142	153.78	-0.02	186	0.0027
153.80	-0.014	195.9	-0.0142	153.80	-0.023	185.6	-0.0018
153.83	-0.015	195.9	-0.0169	153.83	-0.024	185.3	-0.0044
153.87	-0.015	195.7	-0.0186	153.87	-0.025	184.9	-0.008
153.90	-0.015	195.6	-0.0195	153.90	-0.027	184.6	-0.008
153.93	-0.016	195.3	-0.0213	153.93	-0.028	184.3	-0.0115
153.97	-0.017	195.1	-0.0231	153.97	-0.028	184.3	-0.0124
154.00	-0.017	195	-0.024	154.00	-0.028	184.1	-0.0142
154.03	-0.017	194.8	-0.024	154.03	-0.029	183.9	-0.0151
154.07	-0.017	194.8	-0.024	154.07	-0.029	183.7	-0.016
154.10	-0.017	194.7	-0.024	154.10	-0.029	183.6	-0.016
154.13	-0.017	194.6	-0.024	154.13	-0.028	183.5	-0.0151
154.17	-0.017	194.5	-0.024	154.17	-0.027	183.4	-0.0151
154.20	-0.016	194.5	-0.0231	154.20	-0.026	183.4	-0.0142
154.23	-0.015	194.5	-0.0222	154.23	-0.026	183.4	-0.0133
154.27	-0.014	194.5	-0.0222	154.27	-0.025	183.4	-0.0115
154.30	-0.013	194.5	-0.0204	154.30	-0.022	183.4	-0.0089
154.33	-0.013	194.5	-0.0195	154.33	-0.022	183.5	-0.0071
154.37	-0.012	194.5	-0.0178	154.37	-0.02	183.6	-0.0027
154.40	-0.01	194.7	-0.0151	154.40	-0.016	183.8	-0.0027
154.43	-0.008	194.7	-0.0133	154.43	-0.014	183.9	0.0009
154.47	-0.007	194.8	-0.0107	154.47	-0.014	183.9	0.0036
154.50	-0.005	195	-0.0107	154.50	-0.013	184	0.008
154.53	-0.003	195.1	-0.0071	154.53	-0.009	184.4	0.0142
154.57	-0.003	195.1	-0.0044	154.57	-0.006	184.7	0.0195
154.60	-0.002	195.3	-0.0009	154.60	-0.004	184.9	0.024
154.63	0.001	195.6	0.0027	154.63	-0.001	185.3	0.032
154.67	0.003	195.7	0.0062	154.67	0.004	185.6	0.032
154.70	0.004	195.9	0.0107	154.70	0.005	185.6	0.0382
154.75	0.007	196.2	0.0151	154.73	0.005	185.9	0.0435
154.78	0.009	196.4	0.0169	154.77	0.008	186.4	0.0506
154.82	0.01	196.5	0.0204	154.80	0.013	186.8	0.0577
154.83	0.012	196.8	0.0249	154.83	0.015	187.1	0.0621
154.87	0.015	197.1	0.0249	154.87	0.017	187.6	0.0692
154.90	0.015	197.1	0.0293	154.90	0.022	188	0.0692
154.93	0.016	197.3	0.0328	154.93	0.023	188	0.0763
154.97	0.018	197.6	0.0364	154.97	0.023	188.3	0.0808
155.00	0.02	197.8	0.0399	155.00	0.025	188.7	0.087
155.03	0.021	198	0.0426	155.03	0.03	189.2	0.0932
155.07	0.023	198.3	0.0462	155.07	0.031	189.5	0.0959

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
155.10	0.024	198.5	0.0462	155.10	0.032	189.8	0.1012
155.13	0.024	198.5	0.0479	155.13	0.035	190.3	0.1012
155.17	0.025	198.7	0.0506	155.18	0.037	190.6	0.1083
155.20	0.026	198.9	0.0524	155.22	0.037	190.8	0.111
155.23	0.028	199.1	0.0541	155.25	0.038	191.2	0.1127
155.27	0.028	199.3	0.055	155.27	0.04	191.4	0.1127
155.30	0.028	199.4	0.0559	155.30	0.04	191.4	0.1154
155.33	0.028	199.6	0.0559	155.33	0.04	191.6	0.1163
155.37	0.029	199.6	0.0559	155.37	0.04	191.8	0.1172
155.40	0.029	199.7	0.0568	155.40	0.04	192	0.1181
155.43	0.029	199.8	0.0568	155.43	0.04	192.2	0.1181
155.47	0.029	199.9	0.0568	155.47	0.04	192.3	0.1181
155.50	0.028	200	0.0568	155.50	0.04	192.4	0.1181
155.53	0.028	200	0.0559	155.53	0.039	192.5	0.1181
155.57	0.026	200	0.0559	155.57	0.039	192.5	0.1172
155.60	0.026	200	0.0541	155.60	0.037	192.5	0.1136
155.63	0.026	200	0.0541	155.63	0.035	192.5	0.1118
155.67	0.025	200	0.0515	155.67	0.032	192.4	0.1092
155.70	0.022	199.9	0.0497	155.70	0.032	192.4	0.1056
155.73	0.022	199.9	0.0479	155.73	0.029	192.2	0.1021
155.77	0.02	199.8	0.0453	155.77	0.025	192	0.1021
155.80	0.017	199.7	0.0453	155.80	0.024	192	0.0985
155.83	0.016	199.7	0.0417	155.83	0.024	191.9	0.095
155.87	0.016	199.6	0.0391	155.87	0.022	191.6	0.0897
155.90	0.015	199.4	0.0364	155.90	0.017	191.3	0.0834
155.93	0.011	199.2	0.0328	155.93	0.015	191.2	0.079
155.97	0.011	199.1	0.0293	155.97	0.013	190.8	0.0719
156.00	0.009	198.9	0.0249	156.00	0.007	190.4	0.0719
156.03	0.005	198.6	0.0249	156.03	0.006	190.4	0.0648
156.07	0.004	198.6	0.0204	156.07	0.006	190.1	0.0604
156.10	0.004	198.5	0.0178	156.10	0.004	189.7	0.0533
156.13	0.002	198.2	0.0124	156.13	-0.002	189.3	0.0462
156.17	-0.001	197.9	0.0089	156.17	-0.004	188.9	0.0417
156.22	-0.002	197.7	0.0062	156.20	-0.006	188.5	0.0346
156.25	-0.002	197.6	0.0036	156.23	-0.01	188	0.0346
156.27	-0.006	197.2	-0.0009	156.27	-0.013	187.6	0.0275
156.30	-0.007	197	-0.0036	156.30	-0.013	187.6	0.0213
156.33	-0.008	196.8	-0.008	156.33	-0.014	187.3	0.016
156.37	-0.011	196.5	-0.008	156.37	-0.017	186.7	0.0098
156.40	-0.012	196.5	-0.0098	156.40	-0.02	186.3	0.0053
156.43	-0.012	196.3	-0.0133	156.43	-0.021	185.9	0.0018
156.47	-0.012	196.1	-0.016	156.47	-0.023	185.5	-0.0027
156.50	-0.014	195.8	-0.0186	156.50	-0.026	185.2	-0.0027
156.53	-0.015	195.6	-0.0204	156.53	-0.026	185.2	-0.0062
156.57	-0.016	195.4	-0.0213	156.57	-0.026	184.9	-0.0089
156.60	-0.017	195.2	-0.0213	156.60	-0.027	184.6	-0.0107
156.63	-0.017	195	-0.0231	156.65	-0.028	184.3	-0.0133
156.67	-0.017	195	-0.024	156.68	-0.028	184.1	-0.0142
156.70	-0.017	194.9	-0.024	156.70	-0.029	183.9	-0.016
156.73	-0.017	194.8	-0.024	156.73	-0.029	183.7	-0.016
156.77	-0.017	194.7	-0.0249	156.77	-0.029	183.6	-0.016
156.80	-0.017	194.6	-0.0249	156.80	-0.028	183.5	-0.0151
156.83	-0.017	194.5	-0.0249	156.83	-0.027	183.4	-0.0142
156.87	-0.016	194.5	-0.024	156.87	-0.026	183.4	-0.0142
156.90	-0.016	194.5	-0.0231	156.90	-0.025	183.4	-0.0133
156.93	-0.015	194.5	-0.0213	156.93	-0.025	183.3	-0.0115
156.97	-0.013	194.5	-0.0204	156.97	-0.024	183.4	-0.0098
157.00	-0.012	194.5	-0.0195	157.00	-0.021	183.5	-0.0071
157.03	-0.011	194.6	-0.0169	157.03	-0.02	183.5	-0.0044
157.07	-0.01	194.7	-0.0169	157.07	-0.018	183.8	0
157.10	-0.008	194.8	-0.0142	157.10	-0.014	183.9	0
157.13	-0.008	194.8	-0.0124	157.13	-0.013	183.9	0.0044
157.17	-0.006	194.9	-0.0089	157.17	-0.013	184.1	0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
157.20	-0.004	195.1	-0.0053	157.20	-0.011	184.3	0.0133
157.23	-0.002	195.2	-0.0027	157.23	-0.005	184.6	0.0195
157.27	-0.001	195.4	0.0009	157.27	-0.004	184.9	0.024
157.30	0.002	195.7	0.0009	157.30	-0.002	185.2	0.032
157.33	0.004	195.8	0.0044	157.33	0.004	185.6	0.032
157.37	0.004	195.8	0.008	157.37	0.006	185.9	0.0391
157.40	0.006	196	0.0124	157.40	0.006	185.9	0.0435
157.43	0.008	196.3	0.0169	157.43	0.008	186.2	0.0506
157.47	0.011	196.5	0.0195	157.47	0.012	186.8	0.0577
157.50	0.012	196.7	0.024	157.50	0.016	187.2	0.063
157.53	0.014	197	0.0284	157.53	0.017	187.5	0.0683
157.57	0.017	197.3	0.0284	157.57	0.02	188	0.0746
157.60	0.017	197.3	0.032	157.60	0.024	188.4	0.0746
157.63	0.018	197.5	0.0355	157.63	0.026	188.4	0.0808
157.68	0.021	197.9	0.0391	157.67	0.026	188.7	0.0861
157.72	0.021	197.9	0.0408	157.70	0.028	189.1	0.0914
157.73	0.022	198.2	0.0444	157.73	0.032	189.5	0.0968
157.77	0.023	198.4	0.047	157.77	0.033	189.8	0.1012
157.80	0.025	198.6	0.0497	157.80	0.034	190.2	0.1047
157.83	0.026	198.8	0.0506	157.83	0.037	190.6	0.1047
157.87	0.026	199	0.0524	157.87	0.038	190.9	0.1092
157.90	0.028	199.2	0.0524	157.90	0.038	190.9	0.1118
157.93	0.028	199.2	0.0541	157.93	0.038	191.2	0.1145
157.97	0.028	199.3	0.055	157.97	0.039	191.4	0.1154
158.00	0.029	199.5	0.0568	158.00	0.04	191.6	0.1172
158.03	0.029	199.7	0.0568	158.03	0.04	191.8	0.1181
158.07	0.029	199.8	0.0568	158.08	0.04	192	0.1181
158.10	0.029	199.9	0.0568	158.12	0.04	192.2	0.1181
158.13	0.028	200	0.0568	158.15	0.04	192.3	0.1181
158.17	0.028	200	0.0568	158.17	0.04	192.4	0.1181
158.20	0.028	200	0.0568	158.20	0.039	192.5	0.1181
158.23	0.027	200.1	0.0559	158.23	0.037	192.5	0.1181
158.27	0.026	200.1	0.0541	158.27	0.037	192.5	0.1154
158.30	0.025	200.1	0.0533	158.30	0.036	192.6	0.1127
158.33	0.024	200	0.0506	158.33	0.034	192.4	0.1101
158.37	0.022	199.9	0.0506	158.37	0.031	192.4	0.1074
158.40	0.021	199.9	0.0488	158.40	0.03	192.3	0.1039
158.43	0.021	199.9	0.047	158.43	0.027	192.1	0.0994
158.47	0.02	199.8	0.0444	158.47	0.023	191.9	0.0994
158.50	0.017	199.7	0.0408	158.50	0.022	191.9	0.095
158.53	0.015	199.6	0.0382	158.53	0.022	191.8	0.0905
158.57	0.014	199.4	0.0355	158.57	0.019	191.4	0.0852
158.60	0.011	199.2	0.0355	158.60	0.014	191.1	0.0781
158.63	0.009	199.2	0.0311	158.63	0.013	190.9	0.0737
158.67	0.009	199	0.0284	158.67	0.01	190.6	0.0675
158.70	0.008	198.8	0.0231	158.70	0.005	190.1	0.0675
158.73	0.005	198.6	0.0195	158.73	0.003	189.8	0.0595
158.77	0.003	198.4	0.016	158.77	0.003	189.8	0.055
158.80	0.002	198.2	0.0115	158.80	0.001	189.4	0.0479
158.83	-0.002	197.8	0.0115	158.83	-0.004	188.9	0.0408
158.87	-0.003	197.6	0.0071	158.87	-0.007	188.5	0.0355
158.90	-0.003	197.6	0.0036	158.90	-0.008	188.2	0.0302
158.93	-0.005	197.4	0	158.93	-0.011	187.7	0.0231
158.97	-0.007	197.1	-0.0036	158.97	-0.015	187.2	0.0231
159.00	-0.009	196.8	-0.0071	159.00	-0.016	187.2	0.0169
159.03	-0.01	196.6	-0.0107	159.03	-0.016	186.8	0.0124
159.07	-0.012	196.3	-0.0107	159.07	-0.018	186.4	0.0062
159.12	-0.013	196.1	-0.016	159.10	-0.022	186	0.0018
159.15	-0.013	195.9	-0.0169	159.13	-0.023	185.7	-0.0009
159.18	-0.014	195.7	-0.0169	159.17	-0.024	185.3	-0.0053
159.20	-0.015	195.5	-0.0186	159.20	-0.026	185	-0.0053
159.23	-0.015	195.5	-0.0204	159.23	-0.027	185	-0.008
159.27	-0.016	195.3	-0.0222	159.27	-0.027	184.7	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
159.30	-0.017	195.1	-0.024	159.30	-0.027	184.4	-0.0124
159.33	-0.017	195	-0.024	159.33	-0.029	184.2	-0.0142
159.37	-0.017	194.8	-0.024	159.37	-0.029	184	-0.0151
159.40	-0.017	194.7	-0.024	159.40	-0.029	183.8	-0.0151
159.43	-0.017	194.6	-0.024	159.43	-0.028	183.6	-0.0151
159.47	-0.017	194.6	-0.024	159.47	-0.028	183.5	-0.0151
159.50	-0.017	194.5	-0.024	159.50	-0.027	183.5	-0.0151
159.53	-0.016	194.5	-0.024	159.55	-0.026	183.4	-0.0142
159.57	-0.015	194.5	-0.0222	159.58	-0.025	183.4	-0.0142
159.60	-0.014	194.5	-0.0204	159.60	-0.024	183.4	-0.0133
159.63	-0.013	194.5	-0.0204	159.63	-0.024	183.4	-0.0098
159.67	-0.012	194.6	-0.0195	159.67	-0.023	183.4	-0.0071
159.70	-0.012	194.6	-0.0178	159.70	-0.019	183.6	-0.0044
159.73	-0.011	194.6	-0.016	159.73	-0.018	183.7	-0.0009
159.77	-0.009	194.7	-0.0133	159.77	-0.016	183.8	0.0027
159.80	-0.007	194.8	-0.0107	159.80	-0.012	184.1	0.0027
159.83	-0.006	194.9	-0.008	159.83	-0.01	184.3	0.008
159.87	-0.004	195.1	-0.0044	159.87	-0.01	184.3	0.0115
159.90	-0.001	195.3	-0.0044	159.90	-0.008	184.5	0.0178
159.93	-0.001	195.3	-0.0009	159.93	-0.004	184.9	0.024
159.97	0	195.4	0.0018	159.97	-0.001	185.2	0.0311
160.00	0.002	195.7	0.0062	160.00	0.001	185.5	0.0373
160.03	0.005	195.9	0.0098	160.03	0.005	186	0.0435
160.07	0.006	196.1	0.0142	160.07	0.01	186.3	0.0435
160.10	0.009	196.4	0.0178	160.10	0.011	186.3	0.0506
160.13	0.012	196.6	0.0178	160.13	0.011	186.6	0.055
160.17	0.012	196.6	0.0213	160.17	0.013	187.1	0.0621
160.20	0.013	196.8	0.0257	160.20	0.019	187.6	0.0692
160.23	0.015	197.2	0.0302	160.23	0.02	187.9	0.0737
160.27	0.018	197.4	0.0337	160.27	0.022	188.3	0.0799
160.30	0.018	197.6	0.0373	160.30	0.027	188.7	0.0799
160.33	0.02	197.9	0.0408	160.33	0.028	188.7	0.0861
160.37	0.023	198.1	0.0408	160.37	0.028	189.1	0.0905
160.40	0.023	198.1	0.0435	160.40	0.03	189.4	0.0959
160.43	0.023	198.3	0.0462	160.43	0.033	189.9	0.1012
160.47	0.024	198.5	0.0479	160.47	0.035	190.2	0.1047
160.50	0.026	198.8	0.0506	160.50	0.036	190.5	0.1083
160.53	0.026	198.9	0.0524	160.53	0.037	190.9	0.1118
160.58	0.027	199.1	0.0541	160.57	0.039	191.2	0.1118
160.62	0.028	199.3	0.055	160.60	0.039	191.2	0.1136
160.63	0.028	199.4	0.055	160.63	0.039	191.4	0.1154
160.67	0.028	199.6	0.0568	160.67	0.04	191.6	0.1163
160.70	0.029	199.7	0.0568	160.70	0.04	191.8	0.1181
160.73	0.029	199.7	0.0568	160.73	0.04	192	0.1181
160.77	0.029	199.8	0.0568	160.77	0.04	192.2	0.1189
160.80	0.029	199.9	0.0568	160.80	0.04	192.3	0.1189
160.83	0.028	200	0.0568	160.83	0.04	192.3	0.1189
160.87	0.028	200.1	0.0559	160.87	0.04	192.5	0.1189
160.90	0.027	200.1	0.0541	160.90	0.039	192.5	0.1163
160.93	0.025	200	0.0541	160.93	0.036	192.5	0.1136
160.97	0.024	200	0.0533	160.98	0.035	192.5	0.1127
161.00	0.024	200	0.0515	161.02	0.034	192.5	0.1101
161.03	0.024	200	0.0497	161.05	0.032	192.4	0.1074
161.07	0.021	199.9	0.0479	161.07	0.029	192.3	0.1039
161.10	0.02	199.9	0.0462	161.10	0.027	192.2	0.0994
161.13	0.019	199.8	0.0426	161.13	0.024	191.9	0.0959
161.17	0.016	199.6	0.0426	161.17	0.021	191.7	0.0959
161.20	0.015	199.6	0.0391	161.20	0.019	191.7	0.0905
161.23	0.015	199.5	0.0364	161.23	0.019	191.5	0.0861
161.27	0.013	199.3	0.0328	161.27	0.017	191.2	0.0808
161.30	0.01	199.1	0.0293	161.30	0.011	190.9	0.0737
161.33	0.009	198.9	0.0249	161.33	0.01	190.6	0.0683
161.37	0.007	198.7	0.0204	161.37	0.008	190.2	0.0612

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
161.40	0.003	198.5	0.0204	161.40	0.002	189.8	0.0612
161.43	0.002	198.5	0.0169	161.43	0	189.8	0.0541
161.47	0.002	198.3	0.0142	161.47	0	189.5	0.0497
161.50	0.001	198	0.0098	161.50	-0.002	189.1	0.0426
161.53	-0.003	197.7	0.0053	161.53	-0.007	188.6	0.0355
161.57	-0.004	197.5	0.0018	161.57	-0.009	188.2	0.0302
161.60	-0.005	197.3	-0.0018	161.60	-0.011	187.8	0.024
161.63	-0.008	197	-0.0018	161.63	-0.015	187.3	0.0169
161.67	-0.009	197	-0.0053	161.67	-0.017	186.8	0.0169
161.70	-0.009	196.7	-0.008	161.70	-0.018	186.8	0.0124
161.73	-0.01	196.5	-0.0115	161.73	-0.018	186.5	0.008
161.77	-0.013	196.2	-0.0151	161.77	-0.02	186	0.0027
161.80	-0.013	196	-0.016	161.80	-0.023	185.7	-0.0018
161.83	-0.014	195.8	-0.0186	161.83	-0.024	185.3	-0.0044
161.87	-0.015	195.6	-0.0186	161.87	-0.025	185	-0.008
161.90	-0.016	195.4	-0.0204	161.90	-0.028	184.7	-0.008
161.93	-0.016	195.4	-0.0213	161.93	-0.028	184.7	-0.0107
161.97	-0.016	195.2	-0.0231	161.97	-0.028	184.5	-0.0124
162.02	-0.017	194.9	-0.024	162.00	-0.028	184.2	-0.0142
162.05	-0.017	194.9	-0.0249	162.03	-0.029	184	-0.0151
162.08	-0.017	194.8	-0.0249	162.07	-0.029	183.8	-0.0151
162.10	-0.017	194.7	-0.0249	162.10	-0.028	183.7	-0.0151
162.13	-0.017	194.6	-0.0249	162.13	-0.028	183.6	-0.0151
162.17	-0.017	194.5	-0.0249	162.17	-0.027	183.5	-0.0151
162.20	-0.016	194.5	-0.0231	162.20	-0.027	183.5	-0.0142
162.23	-0.015	194.5	-0.0231	162.23	-0.026	183.4	-0.0133
162.27	-0.014	194.5	-0.0222	162.27	-0.025	183.5	-0.0115
162.30	-0.014	194.5	-0.0213	162.30	-0.023	183.5	-0.0089
162.33	-0.013	194.5	-0.0186	162.33	-0.022	183.5	-0.0062
162.37	-0.011	194.6	-0.0178	162.37	-0.02	183.7	-0.0036
162.40	-0.01	194.6	-0.0151	162.40	-0.016	183.9	-0.0036
162.43	-0.009	194.8	-0.0133	162.45	-0.015	184	0.0027
162.47	-0.006	194.9	-0.0133	162.48	-0.014	184.1	0.0062
162.50	-0.005	194.9	-0.0098	162.50	-0.01	184.4	0.0062
162.53	-0.005	195	-0.0071	162.53	-0.008	184.4	0.0115
162.57	-0.003	195.2	-0.0036	162.57	-0.008	184.6	0.0169
162.60	0	195.4	0	162.60	-0.006	184.9	0.0231
162.63	0.001	195.6	0.0036	162.63	0	185.2	0.0302
162.67	0.002	195.8	0.0071	162.67	0.001	185.5	0.0346
162.70	0.006	196	0.0071	162.70	0.004	185.8	0.0426
162.73	0.007	196	0.0107	162.73	0.009	186.3	0.0426
162.77	0.007	196.2	0.0142	162.77	0.011	186.6	0.0497
162.80	0.009	196.5	0.0186	162.80	0.011	186.6	0.055
162.83	0.013	196.8	0.0231	162.83	0.013	187	0.0612
162.87	0.014	196.9	0.0275	162.87	0.017	187.5	0.0683
162.90	0.015	197.2	0.0311	162.90	0.021	187.9	0.0737
162.93	0.018	197.5	0.0311	162.93	0.022	188.2	0.0781
162.97	0.019	197.5	0.0355	162.97	0.025	188.7	0.0843
163.00	0.019	197.7	0.0373	163.00	0.029	189.1	0.0843
163.03	0.02	198	0.0408	163.03	0.03	189.1	0.0905
163.07	0.023	198.2	0.0444	163.07	0.03	189.4	0.095
163.10	0.023	198.4	0.0462	163.10	0.031	189.8	0.0994
163.13	0.025	198.6	0.0497	163.13	0.035	190.2	0.1047
163.17	0.027	198.9	0.0497	163.17	0.036	190.5	0.1074
163.20	0.027	198.9	0.0515	163.20	0.037	190.8	0.1101
163.23	0.027	199	0.0524	163.23	0.039	191.2	0.1101
163.27	0.027	199.2	0.0541	163.27	0.039	191.4	0.1136
163.30	0.028	199.4	0.0559	163.30	0.039	191.4	0.1154
163.33	0.029	199.6	0.0559	163.33	0.04	191.6	0.1163
163.37	0.029	199.7	0.0568	163.37	0.04	191.8	0.1172
163.40	0.029	199.8	0.0568	163.40	0.04	192	0.1181
163.43	0.029	199.8	0.0568	163.43	0.04	192.2	0.1189
163.48	0.029	200	0.0568	163.47	0.04	192.3	0.1189

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
163.52	0.028	200	0.0568	163.50	0.04	192.5	0.1189
163.53	0.027	200	0.0568	163.53	0.038	192.5	0.1189
163.57	0.027	200.1	0.0559	163.57	0.038	192.5	0.1172
163.60	0.026	200.1	0.0541	163.60	0.037	192.5	0.1145
163.63	0.025	200	0.0524	163.63	0.034	192.5	0.1118
163.67	0.024	200.1	0.0506	163.67	0.033	192.5	0.1092
163.70	0.023	200	0.0488	163.70	0.031	192.3	0.1065
163.73	0.02	199.9	0.0488	163.73	0.027	192.2	0.1065
163.77	0.02	199.9	0.0462	163.77	0.026	192.2	0.1021
163.80	0.02	199.8	0.0444	163.80	0.026	192.1	0.0994
163.83	0.018	199.7	0.0408	163.83	0.024	192	0.0941
163.87	0.015	199.6	0.0373	163.87	0.02	191.6	0.0888
163.90	0.014	199.4	0.0355	163.92	0.018	191.4	0.0843
163.93	0.012	199.3	0.032	163.95	0.017	191.3	0.0808
163.97	0.01	199	0.032	163.97	0.013	190.9	0.0746
164.00	0.007	198.8	0.0284	164.00	0.009	190.6	0.0683
164.03	0.007	198.8	0.024	164.03	0.007	190.3	0.063
164.07	0.006	198.7	0.0195	164.07	0.004	189.8	0.0559
164.10	0.003	198.4	0.0151	164.10	-0.001	189.4	0.0559
164.13	0.001	198.2	0.0115	164.13	-0.002	189.4	0.0488
164.17	0	198	0.0089	164.17	-0.002	189.1	0.0435
164.20	-0.002	197.6	0.0089	164.20	-0.004	188.6	0.0373
164.23	-0.005	197.4	0.0036	164.23	-0.01	188.2	0.0302
164.27	-0.005	197.4	0	164.27	-0.011	187.8	0.024
164.30	-0.006	197.2	-0.0036	164.30	-0.013	187.4	0.0186
164.33	-0.008	196.9	-0.0071	164.33	-0.018	186.9	0.0186
164.37	-0.01	196.6	-0.0107	164.37	-0.019	186.9	0.0115
164.40	-0.011	196.4	-0.0124	164.40	-0.019	186.5	0.008
164.43	-0.012	196.1	-0.0124	164.43	-0.02	186.1	0.0036
164.47	-0.014	195.9	-0.016	164.47	-0.023	185.7	-0.0018
164.50	-0.014	195.9	-0.0178	164.50	-0.024	185.4	-0.0044
164.53	-0.015	195.7	-0.0195	164.53	-0.025	185.1	-0.008
164.57	-0.016	195.5	-0.0213	164.57	-0.027	184.7	-0.0115
164.60	-0.016	195.2	-0.0222	164.60	-0.028	184.4	-0.0115
164.63	-0.017	195.1	-0.024	164.63	-0.028	184.4	-0.0133
164.67	-0.017	195	-0.0249	164.67	-0.028	184.2	-0.0142
164.70	-0.017	194.8	-0.0249	164.70	-0.029	184	-0.0151
164.73	-0.017	194.8	-0.0249	164.73	-0.029	183.8	-0.016
164.77	-0.017	194.7	-0.0249	164.77	-0.029	183.7	-0.016
164.80	-0.017	194.6	-0.0249	164.80	-0.028	183.6	-0.016
164.83	-0.017	194.6	-0.024	164.83	-0.027	183.5	-0.016
164.87	-0.016	194.5	-0.024	164.87	-0.026	183.5	-0.0151
164.92	-0.015	194.5	-0.0231	164.90	-0.026	183.5	-0.0133
164.95	-0.015	194.5	-0.0222	164.93	-0.025	183.4	-0.0115
164.98	-0.013	194.5	-0.0204	164.97	-0.023	183.5	-0.0098
165.00	-0.013	194.5	-0.0186	165.00	-0.021	183.6	-0.0071
165.03	-0.01	194.6	-0.0186	165.03	-0.02	183.6	-0.0036
165.07	-0.009	194.6	-0.0169	165.07	-0.017	183.9	0
165.10	-0.009	194.7	-0.0151	165.10	-0.014	184	0
165.13	-0.008	194.8	-0.0115	165.13	-0.013	184	0.0036
165.17	-0.005	194.9	-0.0089	165.17	-0.013	184.1	0.008
165.20	-0.004	195	-0.0062	165.20	-0.011	184.4	0.0124
165.23	-0.003	195.2	-0.0027	165.23	-0.006	184.7	0.0186
165.27	0.001	195.4	-0.0027	165.27	-0.004	185	0.024
165.30	0.002	195.4	0.0018	165.30	-0.002	185.3	0.032
165.33	0.002	195.6	0.0044	165.35	0.004	185.7	0.0391
165.37	0.003	195.9	0.008	165.38	0.005	185.9	0.0417
165.40	0.007	196.1	0.0124	165.42	0.007	186.3	0.0479
165.43	0.008	196.3	0.016	165.43	0.012	186.7	0.0479
165.47	0.01	196.6	0.0213	165.47	0.014	187.1	0.055
165.50	0.014	196.8	0.0213	165.50	0.014	187.1	0.0595
165.53	0.015	196.8	0.0249	165.53	0.016	187.4	0.0657
165.57	0.015	197	0.0284	165.57	0.02	187.9	0.0728

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
165.60	0.015	197.3	0.032	165.60	0.023	188.3	0.079
165.63	0.019	197.6	0.0364	165.63	0.024	188.6	0.0834
165.67	0.02	197.8	0.0391	165.67	0.027	189.1	0.0897
165.70	0.021	198	0.0426	165.70	0.031	189.5	0.0897
165.73	0.024	198.3	0.0426	165.73	0.032	189.5	0.095
165.77	0.024	198.3	0.0462	165.77	0.032	189.8	0.0994
165.80	0.024	198.5	0.047	165.80	0.033	190.2	0.103
165.83	0.025	198.7	0.0497	165.83	0.036	190.5	0.1074
165.87	0.027	198.9	0.0524	165.87	0.037	190.8	0.1101
165.90	0.027	199.1	0.0533	165.90	0.038	191.1	0.1136
165.93	0.028	199.2	0.0541	165.93	0.039	191.4	0.1136
165.97	0.028	199.4	0.0541	165.97	0.04	191.7	0.1154
166.00	0.029	199.4	0.055	166.00	0.04	191.7	0.1163
166.03	0.029	199.6	0.0559	166.03	0.04	191.9	0.1172
166.07	0.029	199.7	0.0568	166.07	0.04	192	0.1181
166.10	0.029	199.8	0.0568	166.10	0.04	192.2	0.1181
166.13	0.029	199.9	0.0568	166.13	0.04	192.4	0.1181
166.17	0.028	200	0.0568	166.17	0.04	192.5	0.1181
166.20	0.028	200	0.0568	166.20	0.039	192.5	0.1181
166.23	0.026	200	0.055	166.23	0.037	192.5	0.1172
166.27	0.026	200	0.0541	166.27	0.037	192.6	0.1154
166.30	0.026	200	0.0533	166.30	0.036	192.5	0.1118
166.33	0.024	200	0.0515	166.33	0.032	192.5	0.1092
166.38	0.022	199.9	0.0488	166.37	0.031	192.4	0.1074
166.42	0.022	199.9	0.0479	166.40	0.03	192.3	0.103
166.43	0.021	199.8	0.0462	166.43	0.025	192.1	0.103
166.47	0.018	199.8	0.0426	166.47	0.024	192	0.0985
166.50	0.017	199.7	0.0408	166.50	0.024	192	0.095
166.53	0.016	199.5	0.0373	166.53	0.022	191.8	0.0888
166.57	0.012	199.3	0.0373	166.57	0.017	191.4	0.0834
166.60	0.011	199.3	0.0337	166.60	0.015	191.2	0.079
166.63	0.011	199.2	0.0302	166.63	0.013	190.9	0.0728
166.67	0.01	198.9	0.0257	166.67	0.009	190.5	0.0657
166.70	0.006	198.7	0.0222	166.70	0.005	190.1	0.0657
166.73	0.005	198.6	0.0186	166.73	0.003	190.1	0.0595
166.77	0.004	198.3	0.0151	166.77	0.003	189.8	0.0541
166.80	0	198	0.0151	166.82	-0.003	189	0.047
166.83	-0.001	198	0.0098	166.85	-0.005	189	0.0435
166.87	-0.001	197.8	0.0071	166.87	-0.005	188.7	0.0382
166.90	-0.003	197.5	0.0027	166.90	-0.007	188.3	0.032
166.93	-0.006	197.3	-0.0018	166.93	-0.012	187.8	0.024
166.97	-0.007	197.1	-0.0044	166.97	-0.013	187.5	0.0186
167.00	-0.008	196.8	-0.008	167.00	-0.015	187	0.0133
167.03	-0.011	196.5	-0.008	167.03	-0.019	186.5	0.0133
167.07	-0.011	196.5	-0.0115	167.07	-0.021	186.1	0.0071
167.10	-0.011	196.3	-0.0133	167.10	-0.021	186.1	0.0036
167.13	-0.013	196	-0.016	167.13	-0.022	185.8	-0.0009
167.17	-0.015	195.8	-0.0186	167.17	-0.024	185.4	-0.0053
167.20	-0.015	195.6	-0.0204	167.20	-0.026	185.1	-0.008
167.23	-0.015	195.4	-0.0213	167.23	-0.026	184.8	-0.0107
167.27	-0.016	195.2	-0.0213	167.27	-0.027	184.5	-0.0133
167.30	-0.017	195.2	-0.0231	167.30	-0.028	184.2	-0.0133
167.33	-0.017	195	-0.024	167.33	-0.029	184.2	-0.0142
167.37	-0.017	194.9	-0.024	167.37	-0.029	184	-0.0151
167.40	-0.017	194.8	-0.0249	167.40	-0.029	183.9	-0.016
167.43	-0.017	194.7	-0.0249	167.43	-0.029	183.7	-0.016
167.47	-0.017	194.6	-0.0249	167.47	-0.028	183.6	-0.016
167.50	-0.016	194.5	-0.0249	167.50	-0.028	183.5	-0.0151
167.53	-0.016	194.5	-0.024	167.53	-0.026	183.5	-0.0151
167.57	-0.016	194.5	-0.0231	167.57	-0.025	183.4	-0.0142
167.60	-0.015	194.5	-0.0222	167.60	-0.025	183.4	-0.0124
167.63	-0.013	194.5	-0.0204	167.63	-0.024	183.4	-0.0098
167.67	-0.012	194.5	-0.0186	167.67	-0.022	183.6	-0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
167.70	-0.011	194.6	-0.0169	167.70	-0.019	183.7	-0.0044
167.73	-0.009	194.7	-0.0169	167.73	-0.018	183.7	-0.0009
167.77	-0.008	194.7	-0.0142	167.77	-0.015	184	0.0036
167.80	-0.008	194.8	-0.0124	167.80	-0.012	184.2	0.0036
167.85	-0.005	195	-0.0089	167.83	-0.011	184.2	0.0071
167.88	-0.003	195.1	-0.008	167.87	-0.011	184.3	0.0124
167.90	-0.003	195.1	-0.0044	167.90	-0.008	184.7	0.0178
167.93	-0.002	195.3	-0.0009	167.93	-0.003	185	0.024
167.97	0.002	195.6	0.0027	167.97	-0.001	185.2	0.0302
168.00	0.003	195.7	0.0062	168.00	0.001	185.7	0.0364
168.03	0.004	195.9	0.0098	168.03	0.007	186	0.0364
168.07	0.008	196.2	0.0098	168.07	0.008	186	0.0435
168.10	0.01	196.4	0.0151	168.10	0.008	186.3	0.0488
168.13	0.01	196.4	0.0178	168.13	0.011	186.7	0.0559
168.17	0.011	196.6	0.0213	168.17	0.016	187.2	0.063
168.20	0.013	196.9	0.0257	168.20	0.017	187.5	0.0675
168.23	0.016	197.1	0.0302	168.25	0.019	187.9	0.0737
168.27	0.017	197.3	0.0337	168.28	0.022	188.3	0.0772
168.30	0.019	197.6	0.0337	168.32	0.025	188.7	0.0826
168.33	0.021	197.9	0.0373	168.33	0.026	189	0.0879
168.37	0.021	197.9	0.0399	168.37	0.029	189.4	0.0941
168.40	0.022	198.1	0.0435	168.40	0.033	189.8	0.0941
168.43	0.023	198.4	0.0462	168.43	0.033	189.8	0.0994
168.47	0.025	198.6	0.0488	168.47	0.033	190.1	0.103
168.50	0.025	198.8	0.0506	168.50	0.035	190.5	0.1074
168.53	0.026	199	0.0524	168.53	0.038	190.8	0.111
168.57	0.028	199.2	0.0524	168.57	0.038	191.1	0.1127
168.60	0.028	199.2	0.0541	168.60	0.039	191.4	0.1154
168.63	0.028	199.3	0.055	168.63	0.04	191.6	0.1154
168.67	0.028	199.5	0.0559	168.67	0.04	191.9	0.1172
168.70	0.029	199.6	0.0568	168.70	0.04	191.9	0.1181
168.73	0.029	199.8	0.0568	168.73	0.04	192	0.1181
168.77	0.029	199.8	0.0568	168.77	0.04	192.2	0.1189
168.80	0.029	199.9	0.0568	168.80	0.04	192.4	0.1189
168.83	0.028	199.9	0.0568	168.83	0.04	192.5	0.1181
168.87	0.028	200	0.0559	168.87	0.039	192.6	0.1181
168.90	0.027	200	0.055	168.90	0.037	192.6	0.1181
168.93	0.026	200	0.0541	168.93	0.036	192.6	0.1154
168.97	0.025	200	0.0524	168.97	0.036	192.6	0.1127
169.00	0.024	200	0.0506	169.00	0.034	192.5	0.1101
169.03	0.022	199.9	0.0506	169.03	0.03	192.4	0.1065
169.07	0.021	199.9	0.0479	169.07	0.029	192.3	0.1039
169.10	0.021	199.9	0.0462	169.10	0.028	192.2	0.1003
169.13	0.02	199.8	0.0435	169.13	0.023	192	0.1003
169.17	0.016	199.7	0.0399	169.17	0.022	192	0.095
169.20	0.016	199.6	0.0382	169.20	0.022	191.8	0.0905
169.23	0.014	199.3	0.0337	169.23	0.02	191.6	0.0852
169.28	0.01	199.1	0.0302	169.27	0.014	191.2	0.079
169.32	0.01	199	0.0284	169.30	0.013	191	0.0737
169.35	0.009	198.9	0.0249	169.33	0.01	190.7	0.0666
169.37	0.005	198.6	0.0249	169.37	0.006	190.2	0.0666
169.40	0.004	198.6	0.0204	169.40	0.002	189.8	0.0595
169.43	0.004	198.4	0.0169	169.43	0	189.8	0.0541
169.47	0.002	198.2	0.0124	169.47	0	189.5	0.0488
169.50	-0.002	197.9	0.008	169.50	-0.002	189	0.0426
169.53	-0.002	197.8	0.0053	169.53	-0.007	188.6	0.0355
169.57	-0.003	197.4	0.0009	169.57	-0.008	188.2	0.0302
169.60	-0.007	197.1	0.0009	169.60	-0.011	187.7	0.0222
169.63	-0.007	197.1	-0.0027	169.63	-0.015	187.3	0.0222
169.67	-0.007	196.9	-0.0053	169.67	-0.016	187.3	0.016
169.70	-0.009	196.7	-0.0089	169.72	-0.018	186.5	0.008
169.73	-0.012	196.4	-0.0124	169.75	-0.021	186.2	0.008
169.77	-0.012	196.2	-0.0151	169.77	-0.022	186.2	0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
169.80	-0.013	196	-0.0169	169.80	-0.022	185.8	0
169.83	-0.015	195.7	-0.0169	169.83	-0.023	185.5	-0.0044
169.87	-0.015	195.7	-0.0195	169.87	-0.026	185.1	-0.008
169.90	-0.015	195.5	-0.0213	169.90	-0.027	184.8	-0.0107
169.93	-0.016	195.3	-0.0222	169.93	-0.027	184.5	-0.0133
169.97	-0.017	195.1	-0.024	169.97	-0.028	184.3	-0.0133
170.00	-0.017	195	-0.024	170.00	-0.029	184.1	-0.0151
170.03	-0.017	194.8	-0.0249	170.03	-0.029	184.1	-0.016
170.07	-0.017	194.7	-0.0249	170.07	-0.029	183.9	-0.016
170.10	-0.017	194.6	-0.0249	170.10	-0.029	183.7	-0.016
170.13	-0.017	194.6	-0.0249	170.13	-0.028	183.6	-0.016
170.17	-0.017	194.5	-0.0249	170.17	-0.027	183.5	-0.016
170.20	-0.016	194.5	-0.024	170.20	-0.027	183.4	-0.0142
170.23	-0.015	194.5	-0.0231	170.23	-0.025	183.5	-0.0142
170.27	-0.015	194.5	-0.0222	170.27	-0.024	183.5	-0.0124
170.30	-0.013	194.5	-0.0222	170.30	-0.024	183.4	-0.0107
170.33	-0.011	194.6	-0.0204	170.33	-0.022	183.5	-0.008
170.37	-0.011	194.6	-0.0186	170.37	-0.019	183.7	-0.0044
170.40	-0.011	194.6	-0.016	170.40	-0.018	183.8	-0.0018
170.43	-0.009	194.7	-0.0142	170.43	-0.016	183.9	0.0027
170.47	-0.007	194.8	-0.0115	170.47	-0.013	184.2	0.0071
170.50	-0.006	194.9	-0.0089	170.50	-0.01	184.4	0.0071
170.53	-0.004	195.1	-0.0053	170.53	-0.008	184.4	0.0115
170.57	-0.001	195.3	-0.0053	170.57	-0.008	184.6	0.016
170.60	-0.001	195.3	-0.0018	170.60	-0.006	185	0.0222
170.63	0	195.4	0.0018	170.63	0	185.3	0.0302
170.67	0.002	195.7	0.0062	170.67	0.001	185.5	0.0355
170.70	0.005	195.9	0.0098	170.70	0.004	186	0.0426
170.75	0.006	196.1	0.0133	170.73	0.01	186.4	0.0426
170.78	0.007	196.3	0.0151	170.77	0.011	186.4	0.0497
170.80	0.01	196.6	0.0186	170.80	0.011	186.7	0.0541
170.83	0.011	196.8	0.0231	170.83	0.013	187.1	0.0612
170.87	0.014	197.1	0.0293	170.87	0.019	187.6	0.0683
170.90	0.017	197.3	0.0293	170.90	0.02	187.9	0.0728
170.93	0.017	197.3	0.032	170.93	0.022	188.3	0.079
170.97	0.018	197.5	0.0355	170.97	0.026	188.8	0.079
171.00	0.019	197.8	0.0391	171.00	0.029	189.1	0.0852
171.03	0.022	198	0.0408	171.03	0.029	189.1	0.0905
171.07	0.022	198.2	0.0435	171.07	0.03	189.5	0.0959
171.10	0.024	198.4	0.047	171.10	0.032	189.9	0.1012
171.13	0.026	198.7	0.047	171.13	0.035	190.3	0.1047
171.17	0.026	198.7	0.0497	171.18	0.035	190.6	0.1065
171.20	0.026	198.9	0.0515	171.22	0.036	190.9	0.1101
171.23	0.027	199.1	0.0533	171.23	0.038	191.2	0.1127
171.27	0.028	199.2	0.0541	171.27	0.038	191.4	0.1145
171.30	0.028	199.4	0.055	171.30	0.04	191.7	0.1163
171.33	0.028	199.6	0.055	171.33	0.04	191.9	0.1163
171.37	0.029	199.7	0.055	171.37	0.04	191.9	0.1181
171.40	0.029	199.7	0.0559	171.40	0.04	192.1	0.1181
171.43	0.029	199.8	0.0559	171.43	0.04	192.2	0.1189
171.47	0.029	199.9	0.0559	171.47	0.04	192.4	0.1189
171.50	0.028	200	0.0559	171.50	0.04	192.5	0.1181
171.53	0.028	200	0.0559	171.53	0.039	192.6	0.1181
171.57	0.027	200	0.0541	171.57	0.038	192.6	0.1154
171.60	0.025	200	0.0541	171.60	0.035	192.6	0.1154
171.63	0.025	200	0.0524	171.63	0.034	192.6	0.1136
171.67	0.025	200	0.0515	171.67	0.034	192.6	0.111
171.70	0.024	200	0.0488	171.70	0.033	192.5	0.1083
171.73	0.021	199.9	0.0462	171.73	0.028	192.3	0.1039
171.77	0.02	199.8	0.0453	171.77	0.027	192.3	0.1012
171.80	0.019	199.8	0.0417	171.80	0.026	192	0.0968
171.83	0.016	199.6	0.0417	171.83	0.021	191.8	0.0968
171.87	0.015	199.6	0.0391	171.87	0.019	191.8	0.0905

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
171.90	0.015	199.5	0.0364	171.90	0.019	191.6	0.087
171.93	0.013	199.3	0.032	171.93	0.017	191.4	0.0808
171.97	0.01	199.1	0.0284	171.97	0.012	190.9	0.0737
172.00	0.008	198.9	0.0249	172.00	0.009	190.7	0.0683
172.03	0.007	198.7	0.0204	172.03	0.007	190.4	0.0612
172.07	0.004	198.5	0.0204	172.07	0.003	189.9	0.055
172.10	0.002	198.3	0.0169	172.10	-0.001	189.5	0.055
172.13	0.002	198.3	0.0142	172.13	-0.002	189.5	0.0488
172.18	-0.001	197.8	0.0089	172.17	-0.002	189.2	0.0435
172.22	-0.003	197.6	0.0062	172.20	-0.005	188.7	0.0373
172.25	-0.003	197.6	0.0036	172.23	-0.009	188.2	0.0302
172.27	-0.004	197.4	-0.0009	172.27	-0.011	187.9	0.024
172.30	-0.007	197	-0.0044	172.30	-0.013	187.4	0.0178
172.33	-0.009	196.8	-0.008	172.33	-0.018	187	0.0178
172.37	-0.01	196.6	-0.0107	172.37	-0.019	187	0.0115
172.40	-0.011	196.3	-0.0107	172.40	-0.019	186.6	0.008
172.43	-0.013	196.1	-0.0142	172.43	-0.02	186.2	0.0027
172.47	-0.013	196.1	-0.0169	172.47	-0.024	185.7	-0.0027
172.50	-0.014	195.9	-0.0178	172.50	-0.024	185.4	-0.0053
172.53	-0.015	195.6	-0.0204	172.53	-0.025	185.1	-0.008
172.57	-0.016	195.4	-0.0222	172.57	-0.027	184.8	-0.0115
172.60	-0.016	195.2	-0.0231	172.62	-0.028	184.5	-0.0133
172.63	-0.017	195.1	-0.024	172.65	-0.028	184.3	-0.0142
172.67	-0.017	194.9	-0.024	172.67	-0.028	184	-0.0151
172.70	-0.017	194.9	-0.0257	172.70	-0.029	183.9	-0.0151
172.73	-0.017	194.8	-0.0257	172.73	-0.029	183.9	-0.016
172.77	-0.017	194.7	-0.0257	172.77	-0.029	183.7	-0.016
172.80	-0.017	194.6	-0.0257	172.80	-0.028	183.6	-0.016
172.83	-0.016	194.5	-0.0249	172.83	-0.028	183.5	-0.016
172.87	-0.016	194.5	-0.0249	172.87	-0.027	183.4	-0.0142
172.90	-0.015	194.5	-0.0249	172.90	-0.026	183.4	-0.0133
172.93	-0.014	194.5	-0.0231	172.93	-0.024	183.5	-0.0133
172.97	-0.014	194.5	-0.0222	172.97	-0.022	183.5	-0.0107
173.00	-0.013	194.5	-0.0195	173.00	-0.022	183.5	-0.0089
173.03	-0.011	194.6	-0.0178	173.03	-0.021	183.5	-0.0053
173.07	-0.01	194.6	-0.016	173.07	-0.018	183.8	-0.0018
173.10	-0.009	194.8	-0.0133	173.10	-0.015	183.9	0.0018
173.13	-0.006	194.9	-0.0133	173.13	-0.014	184	0.0053
173.17	-0.005	194.9	-0.0107	173.17	-0.012	184.3	0.0107
173.20	-0.005	195	-0.0071	173.20	-0.007	184.6	0.0107
173.23	-0.003	195.2	-0.0044	173.23	-0.006	184.6	0.016
173.27	0	195.4	-0.0009	173.27	-0.006	184.8	0.0213
173.30	0.001	195.5	0.0027	173.30	-0.003	185.2	0.0293
173.33	0.003	195.8	0.0071	173.33	0.003	185.6	0.0364
173.37	0.006	196	0.0071	173.37	0.004	185.9	0.0417
173.40	0.007	196	0.0107	173.40	0.007	186.2	0.0479
173.43	0.007	196.2	0.0142	173.43	0.012	186.7	0.0479
173.47	0.009	196.5	0.0186	173.47	0.014	187.1	0.055
173.50	0.013	196.7	0.0231	173.50	0.014	187.1	0.0595
173.53	0.014	196.9	0.0257	173.53	0.016	187.4	0.0666
173.57	0.015	197.2	0.0302	173.57	0.02	187.9	0.0737
173.60	0.018	197.4	0.0302	173.60	0.023	188.3	0.079
173.65	0.019	197.6	0.0364	173.63	0.024	188.6	0.0852
173.68	0.019	197.9	0.0391	173.67	0.028	189.1	0.0914
173.70	0.022	198.1	0.0391	173.70	0.031	189.5	0.0914
173.73	0.023	198.1	0.0417	173.73	0.032	189.5	0.0959
173.77	0.023	198.3	0.0453	173.77	0.032	189.8	0.0994
173.80	0.024	198.5	0.0479	173.80	0.033	190.2	0.1039
173.83	0.026	198.8	0.0506	173.83	0.037	190.6	0.1083
173.87	0.027	199	0.0515	173.87	0.037	190.8	0.1101
173.90	0.027	199.1	0.0533	173.90	0.038	191.2	0.1136
173.93	0.028	199.3	0.0533	173.93	0.04	191.4	0.1136
173.97	0.028	199.3	0.0541	173.97	0.04	191.7	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
174.00	0.028	199.5	0.055	174.00	0.04	191.7	0.1172
174.03	0.029	199.6	0.0559	174.03	0.04	191.9	0.1172
174.07	0.029	199.7	0.0559	174.08	0.04	192.2	0.1189
174.10	0.029	199.8	0.0559	174.12	0.04	192.2	0.1189
174.13	0.029	199.9	0.0559	174.13	0.04	192.4	0.1189
174.17	0.028	200	0.0559	174.17	0.04	192.5	0.1189
174.20	0.027	200	0.0559	174.20	0.039	192.6	0.1189
174.23	0.027	200	0.055	174.23	0.038	192.7	0.1163
174.27	0.026	200.1	0.0533	174.27	0.036	192.6	0.1136
174.30	0.025	200	0.0515	174.30	0.033	192.6	0.1136
174.33	0.024	200	0.0497	174.33	0.032	192.6	0.111
174.37	0.023	200	0.0488	174.37	0.032	192.5	0.1092
174.40	0.021	199.9	0.0488	174.40	0.031	192.4	0.1047
174.43	0.019	199.8	0.0453	174.43	0.027	192.2	0.1003
174.47	0.019	199.8	0.0435	174.47	0.025	192.1	0.0976
174.50	0.018	199.7	0.0399	174.50	0.023	192	0.0923
174.53	0.015	199.6	0.0373	174.53	0.019	191.6	0.087
174.57	0.013	199.4	0.0346	174.57	0.016	191.4	0.087
174.60	0.012	199.3	0.0311	174.60	0.014	191.4	0.0817
174.63	0.01	199	0.0311	174.63	0.014	191.2	0.0763
174.67	0.007	198.8	0.0275	174.67	0.012	190.7	0.0701
174.70	0.007	198.8	0.0231	174.70	0.006	190.3	0.0621
174.73	0.006	198.7	0.0195	174.73	0.004	190	0.0577
174.77	0.004	198.4	0.0151	174.77	0.002	189.6	0.0506
174.80	0.001	198.1	0.0115	174.80	-0.003	189.2	0.0506
174.83	0	197.9	0.008	174.83	-0.005	189.2	0.0435
174.87	-0.003	197.6	0.008	174.87	-0.005	188.8	0.0382
174.90	-0.005	197.4	0.0036	174.90	-0.007	188.4	0.032
174.93	-0.005	197.4	0	174.93	-0.012	187.9	0.024
174.97	-0.006	197.2	-0.0036	174.97	-0.013	187.6	0.0195
175.00	-0.008	196.8	-0.0071	175.00	-0.015	187.2	0.0133
175.03	-0.01	196.6	-0.0107	175.03	-0.019	186.6	0.0133
175.07	-0.011	196.4	-0.0142	175.07	-0.021	186.2	0.0071
175.12	-0.012	196.2	-0.0151	175.10	-0.021	186.2	0.0036
175.15	-0.013	196	-0.0169	175.13	-0.022	185.9	-0.0009
175.17	-0.014	195.8	-0.0186	175.17	-0.024	185.5	-0.0044
175.20	-0.015	195.5	-0.0213	175.20	-0.026	185.2	-0.008
175.23	-0.016	195.3	-0.0213	175.23	-0.026	184.9	-0.0098
175.27	-0.016	195.3	-0.0231	175.27	-0.027	184.6	-0.0124
175.30	-0.016	195.1	-0.024	175.30	-0.029	184.3	-0.0124
175.33	-0.017	195	-0.0249	175.33	-0.028	184.3	-0.0142
175.37	-0.017	194.8	-0.0249	175.37	-0.028	184.1	-0.0151
175.40	-0.017	194.7	-0.0257	175.40	-0.029	183.9	-0.016
175.43	-0.017	194.6	-0.0257	175.43	-0.029	183.8	-0.016
175.47	-0.017	194.5	-0.0257	175.47	-0.028	183.7	-0.016
175.50	-0.016	194.5	-0.0257	175.52	-0.028	183.6	-0.0151
175.53	-0.016	194.5	-0.0249	175.55	-0.027	183.5	-0.0142
175.57	-0.016	194.4	-0.024	175.58	-0.026	183.5	-0.0133
175.60	-0.014	194.5	-0.0231	175.60	-0.025	183.4	-0.0107
175.63	-0.014	194.5	-0.0213	175.63	-0.023	183.6	-0.0089
175.67	-0.013	194.5	-0.0195	175.67	-0.02	183.6	-0.0089
175.70	-0.01	194.6	-0.0195	175.70	-0.019	183.6	-0.0062
175.73	-0.01	194.6	-0.0169	175.73	-0.019	183.7	-0.0027
175.77	-0.01	194.6	-0.0151	175.77	-0.017	183.9	0.0009
175.80	-0.008	194.8	-0.0124	175.80	-0.013	184.1	0.0053
175.83	-0.005	194.9	-0.0089	175.83	-0.011	184.3	0.0098
175.87	-0.004	195	-0.0071	175.87	-0.009	184.6	0.0151
175.90	-0.003	195.2	-0.0027	175.90	-0.004	184.9	0.0151
175.93	0.001	195.4	-0.0027	175.93	-0.003	184.9	0.0213
175.97	0.002	195.4	0.0009	175.97	-0.003	185.1	0.0257
176.00	0.002	195.6	0.0036	176.00	0	185.5	0.0337
176.03	0.003	195.8	0.008	176.03	0.005	185.9	0.0408
176.07	0.007	196.1	0.0124	176.07	0.007	186.2	0.0462

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
176.10	0.009	196.3	0.0151	176.10	0.009	186.5	0.0524
176.13	0.01	196.5	0.0186	176.13	0.014	187.1	0.0524
176.17	0.013	196.8	0.0186	176.17	0.017	187.5	0.0604
176.20	0.015	196.8	0.024	176.20	0.017	187.5	0.0657
176.23	0.015	197	0.0284	176.23	0.019	187.8	0.071
176.27	0.016	197.2	0.032	176.27	0.022	188.3	0.0781
176.30	0.019	197.5	0.0355	176.30	0.026	188.7	0.0834
176.33	0.02	197.7	0.0382	176.33	0.027	189	0.0888
176.37	0.021	198	0.0417	176.37	0.029	189.5	0.0941
176.40	0.023	198.3	0.0417	176.40	0.032	189.8	0.0941
176.43	0.024	198.5	0.0444	176.43	0.033	189.8	0.0994
176.47	0.024	198.5	0.0462	176.47	0.033	190.2	0.103
176.50	0.025	198.7	0.0497	176.50	0.035	190.5	0.1065
176.55	0.027	199.1	0.0515	176.53	0.038	190.9	0.111
176.58	0.027	199.1	0.0524	176.57	0.038	191.2	0.1127
176.60	0.027	199.2	0.0533	176.60	0.039	191.4	0.1145
176.63	0.028	199.4	0.0541	176.63	0.04	191.6	0.1145
176.67	0.029	199.6	0.055	176.67	0.04	191.9	0.1172
176.70	0.029	199.7	0.0559	176.70	0.04	191.9	0.1181
176.73	0.029	199.8	0.0559	176.73	0.04	192.1	0.1189
176.77	0.029	199.9	0.0559	176.77	0.04	192.2	0.1189
176.80	0.029	199.9	0.0559	176.80	0.04	192.4	0.1189
176.83	0.029	200	0.0559	176.83	0.04	192.5	0.1189
176.87	0.028	200	0.055	176.87	0.039	192.6	0.1181
176.90	0.027	200	0.0541	176.90	0.037	192.6	0.1181
176.93	0.026	200.1	0.0524	176.93	0.036	192.6	0.1163
176.97	0.025	200	0.0515	176.98	0.034	192.6	0.1118
177.00	0.023	200	0.0515	177.02	0.033	192.6	0.1118
177.03	0.022	200	0.0488	177.03	0.03	192.5	0.1101
177.07	0.022	199.9	0.0479	177.07	0.03	192.5	0.1065
177.10	0.021	199.9	0.0453	177.10	0.029	192.4	0.1021
177.13	0.018	199.8	0.0417	177.13	0.026	192.1	0.0976
177.17	0.017	199.7	0.0399	177.17	0.022	191.9	0.0932
177.20	0.016	199.5	0.0355	177.20	0.021	191.8	0.0888
177.23	0.013	199.3	0.0355	177.23	0.018	191.4	0.0834
177.27	0.011	199.3	0.0328	177.27	0.013	191.1	0.0834
177.30	0.011	199.2	0.0293	177.30	0.011	191.1	0.0763
177.33	0.01	199	0.0249	177.33	0.011	190.8	0.071
177.37	0.006	198.7	0.0213	177.37	0.009	190.5	0.0648
177.40	0.005	198.6	0.0178	177.40	0.003	190	0.0568
177.43	0.004	198.3	0.0142	177.43	0.002	189.7	0.0524
177.47	0	198.1	0.0142	177.47	0	189.3	0.0453
177.50	-0.001	198.1	0.0089	177.50	-0.006	188.8	0.0453
177.53	-0.001	197.8	0.0062	177.53	-0.007	188.5	0.0373
177.57	-0.003	197.6	0.0027	177.57	-0.007	188.5	0.0337
177.60	-0.006	197.3	-0.0018	177.60	-0.009	188.1	0.0257
177.63	-0.007	197.1	-0.0044	177.63	-0.014	187.6	0.0186
177.67	-0.008	196.8	-0.0089	177.67	-0.016	187.2	0.0142
177.70	-0.011	196.5	-0.0089	177.70	-0.017	186.8	0.0089
177.73	-0.012	196.5	-0.0124	177.73	-0.02	186.3	0.0036
177.77	-0.012	196.3	-0.0142	177.77	-0.022	185.9	0.0036
177.80	-0.012	196.1	-0.0169	177.80	-0.024	185.9	-0.0009
177.83	-0.014	195.8	-0.0195	177.83	-0.024	185.6	-0.0044
177.87	-0.016	195.6	-0.0213	177.87	-0.025	185.2	-0.008
177.90	-0.016	195.4	-0.0222	177.90	-0.027	184.9	-0.0107
177.93	-0.016	195.2	-0.0222	177.93	-0.027	184.6	-0.0124
177.97	-0.017	195.1	-0.0231	177.97	-0.028	184.4	-0.0142
178.02	-0.017	194.9	-0.0257	178.00	-0.029	184.2	-0.0142
178.05	-0.017	194.8	-0.0257	178.03	-0.029	184.2	-0.016
178.07	-0.017	194.7	-0.0257	178.07	-0.029	184	-0.0169
178.10	-0.017	194.7	-0.0257	178.10	-0.029	183.8	-0.0169
178.13	-0.017	194.6	-0.0257	178.13	-0.028	183.7	-0.0169
178.17	-0.017	194.5	-0.0257	178.17	-0.027	183.6	-0.016

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
178.20	-0.016	194.5	-0.0249	178.20	-0.027	183.5	-0.0151
178.23	-0.015	194.4	-0.0231	178.23	-0.026	183.5	-0.0133
178.27	-0.014	194.5	-0.0231	178.27	-0.023	183.6	-0.0133
178.30	-0.013	194.5	-0.0222	178.30	-0.022	183.6	-0.0115
178.33	-0.013	194.5	-0.0204	178.33	-0.022	183.6	-0.0098
178.37	-0.012	194.5	-0.0186	178.37	-0.021	183.7	-0.0062
178.40	-0.011	194.6	-0.0169	178.42	-0.017	183.9	-0.0018
178.43	-0.008	194.7	-0.0142	178.45	-0.017	183.9	0
178.47	-0.007	194.8	-0.0124	178.48	-0.015	184.1	0.0036
178.50	-0.006	195	-0.0089	178.50	-0.01	184.3	0.0089
178.53	-0.002	195.1	-0.0089	178.53	-0.009	184.5	0.0133
178.57	-0.002	195.1	-0.0053	178.57	-0.007	184.8	0.0195
178.60	-0.002	195.2	-0.0027	178.60	-0.002	185.2	0.0195
178.63	0	195.5	0.0009	178.63	0	185.4	0.0275
178.67	0.004	195.7	0.0053	178.67	0	185.4	0.032
178.70	0.005	195.9	0.008	178.70	0.002	185.7	0.0391
178.73	0.007	196.2	0.0124	178.73	0.006	186.2	0.0462
178.77	0.01	196.4	0.0124	178.77	0.011	186.6	0.0524
178.80	0.011	196.4	0.0169	178.80	0.012	187	0.0577
178.83	0.011	196.6	0.0204	178.83	0.015	187.4	0.0639
178.87	0.012	196.9	0.024	178.87	0.02	187.8	0.0639
178.90	0.016	197.1	0.0293	178.90	0.021	187.8	0.071
178.93	0.017	197.3	0.032	178.93	0.021	188.2	0.0754
178.97	0.018	197.6	0.0355	178.97	0.023	188.6	0.0817
179.00	0.021	197.9	0.0355	179.00	0.028	189	0.0888
179.03	0.022	197.9	0.0391	179.03	0.029	189.4	0.0923
179.07	0.022	198.1	0.0417	179.07	0.03	189.7	0.0976
179.10	0.023	198.3	0.0453	179.10	0.034	190.2	0.0976
179.13	0.025	198.5	0.0479	179.13	0.035	190.4	0.103
179.17	0.026	198.7	0.0488	179.17	0.035	190.4	0.1056
179.20	0.026	198.9	0.0506	179.20	0.036	190.8	0.1101
179.23	0.027	199.1	0.0506	179.23	0.038	191.2	0.1127
179.27	0.028	199.1	0.0524	179.27	0.039	191.4	0.1154
179.30	0.028	199.3	0.0541	179.30	0.039	191.6	0.1163
179.33	0.028	199.4	0.0541	179.33	0.04	191.9	0.1181
179.37	0.029	199.6	0.055	179.37	0.04	192.1	0.1181
179.40	0.029	199.7	0.0559	179.40	0.04	192.1	0.1189
179.45	0.029	199.8	0.0559	179.43	0.04	192.3	0.1189
179.48	0.029	199.9	0.055	179.47	0.04	192.4	0.1189
179.52	0.028	200	0.055	179.50	0.04	192.5	0.1189
179.53	0.027	200	0.0541	179.53	0.039	192.6	0.1181
179.57	0.026	200	0.0541	179.57	0.038	192.7	0.1163
179.60	0.025	200	0.0533	179.60	0.035	192.6	0.1163
179.63	0.025	200	0.0515	179.63	0.034	192.6	0.1136
179.67	0.025	200	0.0497	179.67	0.034	192.6	0.1118
179.70	0.023	199.9	0.0479	179.70	0.032	192.6	0.1083
179.73	0.021	199.9	0.0462	179.73	0.03	192.4	0.1047
179.77	0.02	199.8	0.0435	179.77	0.026	192.2	0.1003
179.80	0.017	199.7	0.0435	179.80	0.025	192.2	0.0968
179.83	0.016	199.7	0.0399	179.83	0.022	191.8	0.0914
179.87	0.016	199.6	0.0382	179.88	0.018	191.6	0.0861
179.90	0.015	199.4	0.0337	179.92	0.018	191.5	0.0834
179.93	0.011	199.2	0.0302	179.93	0.016	191.2	0.0781
179.97	0.01	199.1	0.0275	179.97	0.01	190.8	0.0781
180.00	0.009	198.9	0.0231	180.00	0.009	190.8	0.071
180.03	0.005	198.6	0.0231	180.03	0.009	190.6	0.0657
180.07	0.004	198.6	0.0186	180.07	0.006	190.2	0.0586
180.10	0.004	198.5	0.016	180.10	0	189.7	0.0515
180.13	0.003	198.2	0.0115	180.13	-0.001	189.4	0.047
180.17	-0.001	197.9	0.0071	180.17	-0.003	189	0.0391
180.20	-0.002	197.7	0.0044	180.20	-0.008	188.5	0.0391
180.23	-0.003	197.5	0	180.23	-0.01	188.1	0.032
180.27	-0.007	197.2	0	180.27	-0.01	188.1	0.0275

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
180.30	-0.008	197.2	-0.0044	180.30	-0.012	187.7	0.0204
180.33	-0.008	196.9	-0.0071	180.33	-0.015	187.2	0.0142
180.37	-0.009	196.7	-0.0107	180.37	-0.018	186.8	0.0089
180.40	-0.011	196.4	-0.0142	180.40	-0.019	186.4	0.0053
180.43	-0.013	196.2	-0.0169	180.43	-0.021	186	0
180.47	-0.013	196	-0.0186	180.47	-0.024	185.6	0
180.50	-0.015	195.7	-0.0186	180.50	-0.025	185.6	-0.0044
180.53	-0.015	195.5	-0.0204	180.53	-0.025	185.3	-0.0071
180.57	-0.015	195.5	-0.0222	180.57	-0.026	185	-0.0098
180.60	-0.016	195.3	-0.024	180.60	-0.028	184.7	-0.0124
180.63	-0.017	195.1	-0.0249	180.63	-0.028	184.4	-0.0142
180.67	-0.017	195	-0.0257	180.67	-0.028	184.2	-0.0151
180.70	-0.017	194.8	-0.0257	180.70	-0.029	184	-0.0151
180.73	-0.017	194.7	-0.0257	180.73	-0.029	183.8	-0.016
180.77	-0.017	194.6	-0.0266	180.77	-0.029	183.8	-0.016
180.80	-0.017	194.6	-0.0266	180.80	-0.028	183.7	-0.016
180.83	-0.017	194.5	-0.0266	180.83	-0.028	183.6	-0.016
180.87	-0.016	194.5	-0.0249	180.87	-0.027	183.5	-0.0151
180.92	-0.015	194.5	-0.024	180.90	-0.026	183.5	-0.0133
180.95	-0.015	194.4	-0.024	180.93	-0.024	183.6	-0.0107
180.97	-0.014	194.5	-0.0222	180.97	-0.022	183.6	-0.0107
181.00	-0.012	194.5	-0.0204	181.00	-0.021	183.6	-0.0089
181.03	-0.012	194.5	-0.0195	181.03	-0.021	183.7	-0.0062
181.07	-0.01	194.6	-0.016	181.07	-0.019	183.8	-0.0027
181.10	-0.007	194.7	-0.016	181.10	-0.015	184	0.0009
181.13	-0.007	194.7	-0.0142	181.13	-0.014	184.1	0.0053
181.17	-0.007	194.8	-0.0115	181.17	-0.012	184.4	0.0107
181.20	-0.005	195	-0.008	181.20	-0.007	184.7	0.0107
181.23	-0.001	195.2	-0.0044	181.23	-0.005	184.7	0.016
181.27	-0.001	195.3	-0.0018	181.27	-0.005	184.9	0.0213
181.30	0.001	195.6	0.0018	181.30	-0.003	185.2	0.0284
181.33	0.005	195.8	0.0018	181.35	0.003	185.7	0.0355
181.37	0.005	195.8	0.0062	181.38	0.003	185.9	0.0391
181.40	0.005	196	0.0089	181.40	0.005	186.2	0.0453
181.43	0.007	196.3	0.0142	181.43	0.01	186.6	0.0524
181.47	0.011	196.5	0.0178	181.47	0.013	187	0.0568
181.50	0.012	196.7	0.0213	181.50	0.015	187.3	0.0639
181.53	0.013	197	0.0257	181.53	0.019	187.9	0.071
181.57	0.017	197.2	0.0257	181.57	0.022	188.2	0.071
181.60	0.017	197.2	0.0311	181.60	0.023	188.2	0.0763
181.63	0.017	197.4	0.0337	181.63	0.023	188.5	0.0817
181.67	0.019	197.7	0.0373	181.67	0.026	189	0.087
181.70	0.022	197.9	0.0399	181.70	0.03	189.4	0.0932
181.73	0.022	198.2	0.0426	181.73	0.031	189.8	0.0976
181.77	0.023	198.4	0.0453	181.77	0.032	190.2	0.1021
181.80	0.026	198.6	0.0453	181.80	0.036	190.5	0.1021
181.83	0.026	198.6	0.0479	181.83	0.036	190.5	0.1065
181.87	0.026	198.8	0.0497	181.87	0.036	190.8	0.1092
181.90	0.027	199	0.0515	181.90	0.037	191.1	0.1127
181.93	0.028	199.2	0.0533	181.93	0.039	191.4	0.1154
181.97	0.028	199.3	0.0541	181.97	0.04	191.7	0.1163
182.00	0.028	199.5	0.0541	182.00	0.04	191.9	0.1172
182.03	0.029	199.7	0.0541	182.03	0.04	192.1	0.1181
182.07	0.029	199.7	0.055	182.07	0.04	192.3	0.1181
182.10	0.029	199.8	0.055	182.10	0.04	192.3	0.1189
182.13	0.029	199.8	0.055	182.13	0.04	192.4	0.1189
182.17	0.029	199.9	0.055	182.17	0.04	192.5	0.1189
182.20	0.027	200	0.0541	182.20	0.039	192.7	0.1189
182.23	0.027	200	0.0533	182.23	0.038	192.7	0.1163
182.27	0.025	200	0.0533	182.27	0.036	192.7	0.1145
182.30	0.024	200	0.0515	182.30	0.033	192.6	0.1145
182.35	0.023	200	0.0488	182.33	0.032	192.6	0.111
182.38	0.022	199.9	0.0488	182.37	0.032	192.6	0.1092

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
182.42	0.021	199.9	0.047	182.40	0.031	192.5	0.1056
182.43	0.021	199.9	0.0453	182.43	0.027	192.3	0.1012
182.47	0.02	199.8	0.0417	182.47	0.025	192.2	0.0985
182.50	0.017	199.6	0.0391	182.50	0.023	192	0.0923
182.53	0.015	199.5	0.0364	182.53	0.019	191.7	0.087
182.57	0.014	199.4	0.0328	182.57	0.016	191.4	0.087
182.60	0.011	199.1	0.0328	182.60	0.014	191.4	0.0817
182.63	0.01	199	0.0293	182.63	0.014	191.2	0.0772
182.67	0.01	199	0.0249	182.67	0.012	190.7	0.0701
182.70	0.008	198.8	0.0204	182.70	0.006	190.4	0.0621
182.73	0.004	198.5	0.0169	182.73	0.005	190.1	0.0568
182.77	0.003	198.3	0.0133	182.78	0.002	189.6	0.0506
182.80	0.002	198.1	0.0098	182.82	-0.002	189.3	0.047
182.83	-0.001	197.8	0.0098	182.85	-0.003	189	0.0417
182.87	-0.004	197.6	0.0053	182.87	-0.006	188.6	0.0346
182.90	-0.004	197.6	0.0018	182.90	-0.011	188.1	0.0346
182.93	-0.004	197.4	-0.0018	182.93	-0.012	187.7	0.0275
182.97	-0.007	197	-0.0062	182.97	-0.012	187.7	0.0213
183.00	-0.008	196.8	-0.0089	183.00	-0.014	187.3	0.0151
183.03	-0.01	196.6	-0.0124	183.03	-0.018	186.8	0.0089
183.07	-0.012	196.3	-0.0124	183.07	-0.02	186.4	0.0053
183.10	-0.013	196.1	-0.0151	183.10	-0.021	186.1	0.0009
183.13	-0.013	196.1	-0.0178	183.13	-0.023	185.6	-0.0036
183.17	-0.014	195.8	-0.0195	183.17	-0.025	185.3	-0.0036
183.20	-0.015	195.6	-0.0222	183.20	-0.026	185.3	-0.0071
183.23	-0.016	195.4	-0.0231	183.23	-0.026	185	-0.0089
183.27	-0.016	195.2	-0.024	183.27	-0.027	184.7	-0.0115
183.30	-0.017	195	-0.0249	183.30	-0.028	184.4	-0.0142
183.33	-0.017	194.9	-0.0249	183.33	-0.029	184.2	-0.0151
183.37	-0.017	194.9	-0.0266	183.37	-0.029	184	-0.016
183.40	-0.017	194.8	-0.0266	183.40	-0.028	183.9	-0.016
183.43	-0.017	194.6	-0.0266	183.43	-0.028	183.9	-0.016
183.47	-0.017	194.6	-0.0266	183.47	-0.028	183.7	-0.016
183.50	-0.017	194.5	-0.0266	183.50	-0.028	183.6	-0.0151
183.53	-0.016	194.5	-0.0249	183.53	-0.027	183.6	-0.0142
183.57	-0.015	194.5	-0.0249	183.57	-0.026	183.5	-0.0133
183.60	-0.014	194.5	-0.024	183.60	-0.025	183.5	-0.0107
183.63	-0.014	194.5	-0.0231	183.63	-0.023	183.6	-0.0089
183.67	-0.013	194.5	-0.0213	183.67	-0.02	183.7	-0.0089
183.70	-0.011	194.5	-0.0195	183.70	-0.019	183.7	-0.0062
183.73	-0.01	194.6	-0.0178	183.73	-0.019	183.8	-0.0036
183.77	-0.009	194.7	-0.0151	183.77	-0.017	184	0.0009
183.82	-0.006	194.9	-0.0115	183.80	-0.013	184.2	0.0053
183.85	-0.006	194.9	-0.0107	183.83	-0.012	184.3	0.0089
183.87	-0.004	195	-0.0071	183.87	-0.009	184.7	0.0151
183.90	-0.001	195.2	-0.0071	183.90	-0.004	185	0.0151
183.93	0	195.4	-0.0036	183.93	-0.003	185	0.0213
183.97	0	195.4	-0.0009	183.97	-0.003	185.2	0.0275
184.00	0.002	195.6	0.0036	184.00	0	185.5	0.0346
184.03	0.005	195.9	0.008	184.03	0.005	186	0.0417
184.07	0.007	196.1	0.0107	184.07	0.007	186.3	0.0462
184.10	0.008	196.3	0.0151	184.10	0.009	186.6	0.0533
184.13	0.011	196.6	0.0151	184.13	0.014	187.2	0.0604
184.17	0.013	196.8	0.0186	184.17	0.017	187.5	0.0604
184.20	0.013	196.8	0.0222	184.20	0.019	187.5	0.0657
184.23	0.014	197	0.0275	184.25	0.021	188.2	0.0746
184.27	0.016	197.3	0.0311	184.28	0.023	188.5	0.0746
184.30	0.019	197.5	0.0346	184.30	0.025	188.5	0.079
184.33	0.02	197.7	0.0382	184.33	0.025	188.9	0.0852
184.37	0.022	198	0.0408	184.37	0.027	189.3	0.0914
184.40	0.023	198.3	0.0408	184.40	0.032	189.8	0.0976
184.43	0.023	198.3	0.0435	184.43	0.033	190.1	0.1012
184.47	0.024	198.5	0.0462	184.47	0.034	190.4	0.1056

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
184.50	0.025	198.7	0.0488	184.50	0.037	190.8	0.1056
184.53	0.027	198.9	0.0506	184.53	0.037	190.8	0.1101
184.57	0.027	199.1	0.0515	184.57	0.037	191.1	0.1118
184.60	0.028	199.2	0.0533	184.60	0.038	191.4	0.1145
184.63	0.028	199.4	0.0533	184.63	0.04	191.7	0.1172
184.67	0.028	199.4	0.0541	184.67	0.04	191.9	0.1181
184.70	0.029	199.6	0.055	184.70	0.04	192.1	0.1189
184.73	0.029	199.7	0.055	184.73	0.04	192.3	0.1189
184.77	0.029	199.8	0.055	184.77	0.04	192.4	0.1189
184.80	0.029	199.9	0.055	184.80	0.04	192.4	0.1189
184.83	0.028	199.9	0.055	184.83	0.04	192.5	0.1189
184.87	0.027	200	0.055	184.87	0.04	192.7	0.1189
184.90	0.026	200	0.0533	184.90	0.038	192.7	0.1172
184.93	0.026	200	0.0524	184.93	0.036	192.7	0.1145
184.97	0.026	200	0.0506	184.97	0.035	192.6	0.1118
185.00	0.024	200	0.0488	185.00	0.032	192.6	0.1118
185.03	0.023	199.9	0.047	185.03	0.03	192.6	0.1092
185.07	0.022	199.8	0.0444	185.07	0.03	192.5	0.1065
185.10	0.019	199.8	0.0444	185.10	0.029	192.4	0.1021
185.13	0.018	199.8	0.0426	185.13	0.024	192.2	0.0976
185.17	0.018	199.7	0.0399	185.17	0.023	192	0.0941
185.20	0.016	199.5	0.0364	185.20	0.021	191.8	0.0879
185.23	0.013	199.3	0.0328	185.23	0.017	191.4	0.0879
185.28	0.012	199.2	0.0302	185.27	0.013	191.2	0.0817
185.32	0.011	199.1	0.0284	185.30	0.013	191.2	0.0763
185.33	0.008	198.9	0.0231	185.33	0.011	190.9	0.0701
185.37	0.007	198.7	0.0204	185.37	0.008	190.4	0.063
185.40	0.005	198.4	0.016	185.40	0.003	190.1	0.0568
185.43	0.001	198.2	0.016	185.43	0.002	189.8	0.0515
185.47	0.001	198.2	0.0115	185.47	-0.001	189.3	0.0453
185.50	0.001	198	0.008	185.50	-0.006	188.8	0.0453
185.53	-0.001	197.7	0.0044	185.53	-0.007	188.8	0.0382
185.57	-0.005	197.4	-0.0009	185.57	-0.007	188.5	0.0328
185.60	-0.005	197.2	-0.0036	185.60	-0.009	188	0.0249
185.63	-0.007	197	-0.0071	185.63	-0.014	187.5	0.0186
185.67	-0.01	196.7	-0.0071	185.68	-0.016	187.2	0.0142
185.70	-0.01	196.7	-0.0107	185.72	-0.016	186.8	0.0107
185.73	-0.01	196.5	-0.0133	185.75	-0.02	186.4	0.0053
185.77	-0.012	196.2	-0.016	185.77	-0.021	186.1	0.0018
185.80	-0.014	195.9	-0.0186	185.80	-0.022	185.7	-0.0027
185.83	-0.014	195.8	-0.0204	185.83	-0.025	185.3	-0.0027
185.87	-0.015	195.6	-0.0231	185.87	-0.026	185	-0.0071
185.90	-0.016	195.3	-0.0231	185.90	-0.026	185	-0.0098
185.93	-0.017	195.3	-0.024	185.93	-0.027	184.7	-0.0124
185.97	-0.017	195.1	-0.0249	185.97	-0.028	184.4	-0.0142
186.00	-0.017	195	-0.0257	186.00	-0.029	184.2	-0.016
186.03	-0.017	194.8	-0.0266	186.03	-0.029	184	-0.016
186.07	-0.017	194.7	-0.0266	186.07	-0.029	183.8	-0.0169
186.10	-0.017	194.6	-0.0266	186.10	-0.028	183.7	-0.0169
186.13	-0.017	194.5	-0.0266	186.13	-0.028	183.7	-0.0169
186.17	-0.016	194.5	-0.0266	186.17	-0.028	183.6	-0.016
186.20	-0.016	194.5	-0.0266	186.20	-0.027	183.5	-0.0151
186.23	-0.016	194.5	-0.0249	186.23	-0.026	183.5	-0.0133
186.27	-0.015	194.4	-0.024	186.27	-0.025	183.5	-0.0115
186.30	-0.013	194.5	-0.0222	186.30	-0.023	183.5	-0.0089
186.33	-0.012	194.5	-0.0204	186.33	-0.02	183.7	-0.0089
186.37	-0.011	194.6	-0.0204	186.37	-0.019	183.8	-0.0062
186.40	-0.009	194.6	-0.0186	186.40	-0.019	183.8	-0.0036
186.43	-0.009	194.6	-0.0169	186.43	-0.017	183.9	0.0009
186.47	-0.008	194.7	-0.0142	186.47	-0.014	184.2	0.0044
186.50	-0.006	194.9	-0.0107	186.50	-0.011	184.4	0.0089
186.53	-0.004	195	-0.008	186.53	-0.009	184.6	0.0142
186.57	-0.002	195.2	-0.0044	186.57	-0.007	184.9	0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
186.60	0	195.4	-0.0009	186.60	-0.002	185.2	0.0195
186.63	0.003	195.6	-0.0009	186.63	0	185.2	0.0257
186.67	0.003	195.6	0.0027	186.67	0	185.5	0.0328
186.72	0.006	196	0.0089	186.70	0.002	185.9	0.0391
186.75	0.007	196.2	0.0089	186.73	0.009	186.3	0.047
186.78	0.009	196.2	0.0115	186.77	0.01	186.6	0.0515
186.80	0.009	196.4	0.016	186.80	0.012	187	0.0586
186.83	0.011	196.7	0.0195	186.83	0.017	187.5	0.0586
186.87	0.014	196.9	0.024	186.87	0.019	187.8	0.0657
186.90	0.015	197.1	0.0284	186.90	0.019	187.8	0.0701
186.93	0.017	197.4	0.032	186.93	0.021	188.2	0.0772
186.97	0.02	197.7	0.032	186.97	0.025	188.7	0.0843
187.00	0.02	197.7	0.0355	187.00	0.028	189.1	0.0897
187.03	0.02	197.9	0.0382	187.03	0.029	189.4	0.0941
187.07	0.022	198.1	0.0417	187.07	0.031	189.9	0.0994
187.10	0.024	198.3	0.0444	187.10	0.034	190.2	0.0994
187.13	0.025	198.5	0.0462	187.15	0.035	190.5	0.1065
187.17	0.025	198.7	0.0488	187.18	0.036	190.8	0.1083
187.20	0.027	199	0.0488	187.20	0.038	191.2	0.1083
187.23	0.027	199	0.0506	187.23	0.038	191.2	0.1118
187.27	0.027	199.1	0.0515	187.27	0.038	191.4	0.1145
187.30	0.028	199.3	0.0533	187.30	0.039	191.6	0.1172
187.33	0.029	199.5	0.0541	187.33	0.04	191.9	0.1181
187.37	0.029	199.6	0.0541	187.37	0.04	192.1	0.1189
187.40	0.029	199.7	0.055	187.40	0.04	192.3	0.1189
187.43	0.029	199.8	0.055	187.43	0.04	192.4	0.1189
187.47	0.029	199.8	0.055	187.47	0.04	192.5	0.1189
187.50	0.029	199.9	0.055	187.50	0.04	192.5	0.1189
187.53	0.028	199.9	0.0541	187.53	0.04	192.7	0.1189
187.57	0.026	200	0.0524	187.57	0.039	192.7	0.1172
187.60	0.026	200	0.0515	187.60	0.036	192.7	0.1154
187.63	0.025	200	0.0497	187.63	0.035	192.7	0.1127
187.67	0.023	199.9	0.0497	187.67	0.033	192.6	0.1101
187.70	0.022	199.9	0.0479	187.70	0.03	192.5	0.1101
187.73	0.022	199.9	0.0462	187.73	0.029	192.5	0.1065
187.77	0.021	199.8	0.0435	187.77	0.029	192.4	0.103
187.80	0.018	199.7	0.0408	187.80	0.026	192.2	0.0985
187.83	0.017	199.6	0.0382	187.83	0.022	192	0.0932
187.87	0.016	199.5	0.0355	187.87	0.02	191.8	0.0897
187.90	0.012	199.3	0.0355	187.90	0.018	191.6	0.0834
187.93	0.011	199.3	0.032	187.93	0.013	191.2	0.0834
187.97	0.011	199.1	0.0284	187.97	0.011	190.9	0.0772
188.00	0.01	199	0.024	188.00	0.011	190.9	0.0719
188.03	0.006	198.7	0.0195	188.03	0.009	190.6	0.0657
188.07	0.005	198.5	0.0169	188.07	0.004	190.1	0.0577
188.10	0.004	198.3	0.0124	188.10	0.001	189.7	0.0515
188.13	0	198	0.0124	188.13	-0.001	189.4	0.0462
188.18	-0.001	197.8	0.0053	188.17	-0.003	188.9	0.0399
188.22	-0.002	197.6	0.0018	188.20	-0.009	188.5	0.0399
188.23	-0.005	197.3	0.0018	188.23	-0.01	188.5	0.0328
188.27	-0.006	197.1	-0.0018	188.27	-0.01	188.2	0.0275
188.30	-0.006	197.1	-0.0044	188.30	-0.012	187.7	0.0204
188.33	-0.007	196.9	-0.0089	188.33	-0.017	187.2	0.0142
188.37	-0.01	196.5	-0.0115	188.37	-0.018	186.8	0.0098
188.40	-0.011	196.3	-0.0142	188.40	-0.019	186.4	0.0044
188.43	-0.012	196.1	-0.0178	188.43	-0.023	186	0.0044
188.47	-0.014	195.8	-0.0178	188.47	-0.024	185.7	0
188.50	-0.015	195.6	-0.0195	188.50	-0.024	185.7	-0.0036
188.53	-0.015	195.6	-0.0213	188.53	-0.025	185.3	-0.0071
188.57	-0.015	195.4	-0.024	188.57	-0.027	185	-0.0107
188.60	-0.016	195.2	-0.0249	188.62	-0.028	184.7	-0.0124
188.63	-0.017	195	-0.0257	188.65	-0.028	184.5	-0.0133
188.67	-0.017	194.9	-0.0266	188.67	-0.028	184.2	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
188.70	-0.017	194.8	-0.0266	188.70	-0.029	184	-0.016
188.73	-0.017	194.7	-0.0266	188.73	-0.029	183.9	-0.016
188.77	-0.017	194.7	-0.0266	188.77	-0.029	183.7	-0.0169
188.80	-0.017	194.6	-0.0275	188.80	-0.028	183.6	-0.0169
188.83	-0.017	194.5	-0.0266	188.83	-0.027	183.6	-0.016
188.87	-0.016	194.5	-0.0257	188.87	-0.027	183.5	-0.0151
188.90	-0.015	194.4	-0.0249	188.90	-0.026	183.5	-0.0142
188.93	-0.015	194.4	-0.0231	188.93	-0.025	183.6	-0.0115
188.97	-0.013	194.5	-0.0231	188.97	-0.023	183.6	-0.0098
189.00	-0.012	194.5	-0.0222	189.00	-0.022	183.6	-0.0071
189.03	-0.012	194.5	-0.0204	189.03	-0.019	183.8	-0.0071
189.07	-0.011	194.6	-0.0178	189.07	-0.016	183.9	-0.0036
189.10	-0.008	194.7	-0.0151	189.10	-0.016	183.9	0
189.13	-0.007	194.7	-0.0133	189.13	-0.015	184	0.0044
189.17	-0.006	194.9	-0.0098	189.17	-0.012	184.4	0.0089
189.20	-0.002	195.1	-0.0098	189.20	-0.008	184.6	0.0142
189.23	-0.002	195.1	-0.0062	189.23	-0.007	184.8	0.0186
189.27	-0.002	195.2	-0.0044	189.27	-0.004	185.2	0.0249
189.30	0	195.4	0	189.30	0.001	185.5	0.0249
189.33	0.004	195.7	0.0044	189.33	0.002	185.5	0.0328
189.37	0.004	195.8	0.008	189.37	0.002	185.8	0.0382
189.40	0.006	196.1	0.0115	189.40	0.005	186.2	0.0462
189.43	0.01	196.4	0.0115	189.43	0.011	186.6	0.0533
189.47	0.011	196.4	0.0169	189.47	0.012	187	0.0577
189.50	0.011	196.6	0.0195	189.50	0.014	187.4	0.0648
189.53	0.012	196.8	0.0231	189.53	0.02	187.9	0.0648
189.57	0.016	197.1	0.0284	189.57	0.021	188.2	0.0719
189.62	0.017	197.3	0.0311	189.60	0.021	188.2	0.0763
189.65	0.017	197.5	0.0337	189.63	0.023	188.5	0.0826
189.68	0.02	197.8	0.0373	189.67	0.026	189.1	0.0888
189.70	0.021	198	0.0399	189.70	0.03	189.5	0.0941
189.73	0.022	198.2	0.0435	189.73	0.031	189.8	0.0985
189.77	0.025	198.5	0.0435	189.77	0.032	190.2	0.103
189.80	0.025	198.5	0.0462	189.80	0.036	190.5	0.103
189.83	0.025	198.6	0.047	189.83	0.036	190.5	0.1074
189.87	0.026	198.8	0.0497	189.87	0.036	190.8	0.1101
189.90	0.027	199	0.0515	189.90	0.037	191.2	0.1136
189.93	0.028	199.2	0.0524	189.93	0.039	191.4	0.1154
189.97	0.028	199.4	0.0533	189.97	0.04	191.7	0.1172
190.00	0.028	199.5	0.0533	190.00	0.04	191.9	0.1181
190.03	0.029	199.5	0.0541	190.05	0.04	192.1	0.1189
190.07	0.029	199.7	0.0541	190.08	0.04	192.3	0.1198
190.10	0.029	199.8	0.0541	190.10	0.04	192.4	0.1198
190.13	0.029	199.8	0.055	190.13	0.04	192.6	0.1198
190.17	0.029	199.9	0.0541	190.17	0.04	192.7	0.1198
190.20	0.028	200	0.0533	190.20	0.039	192.7	0.1198
190.23	0.026	200	0.0533	190.23	0.039	192.8	0.1181
190.27	0.025	200	0.0515	190.27	0.037	192.7	0.1154
190.30	0.025	200	0.0506	190.30	0.034	192.7	0.1127
190.33	0.025	200	0.0488	190.33	0.033	192.7	0.111
190.37	0.023	199.9	0.047	190.37	0.032	192.6	0.1074
190.40	0.021	199.9	0.0453	190.40	0.027	192.4	0.1074
190.43	0.02	199.8	0.0426	190.43	0.026	192.4	0.103
190.47	0.018	199.7	0.0426	190.47	0.026	192.3	0.1003
190.50	0.016	199.6	0.0399	190.50	0.024	192.1	0.095
190.53	0.016	199.6	0.0373	190.53	0.02	191.8	0.0897
190.57	0.015	199.4	0.0337	190.57	0.017	191.6	0.0852
190.60	0.012	199.2	0.0302	190.60	0.016	191.4	0.079
190.63	0.01	199.1	0.0257	190.63	0.011	190.9	0.0719
190.67	0.009	198.9	0.0222	190.67	0.008	190.6	0.0719
190.70	0.006	198.6	0.0222	190.70	0.006	190.6	0.0657
190.73	0.004	198.4	0.0178	190.73	0.006	190.3	0.0604
190.77	0.004	198.4	0.0142	190.77	0.003	189.9	0.0533

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
190.80	0.003	198.2	0.0107	190.80	-0.002	189.4	0.0462
190.83	0	197.9	0.0062	190.83	-0.003	189.1	0.0408
190.87	-0.003	197.7	0.0027	190.87	-0.006	188.6	0.0346
190.90	-0.004	197.5	-0.0009	190.90	-0.011	188.2	0.0346
190.93	-0.006	197.1	-0.0009	190.93	-0.012	188.2	0.0257
190.97	-0.008	196.9	-0.0053	190.97	-0.012	187.8	0.0213
191.00	-0.008	196.9	-0.008	191.00	-0.014	187.3	0.0151
191.03	-0.009	196.7	-0.0115	191.03	-0.019	186.8	0.0089
191.08	-0.012	196.2	-0.0142	191.07	-0.019	186.5	0.0053
191.12	-0.012	196.2	-0.016	191.10	-0.021	186.1	0
191.13	-0.013	196	-0.0186	191.13	-0.024	185.7	0
191.17	-0.014	195.7	-0.0213	191.17	-0.025	185.4	-0.0036
191.20	-0.015	195.5	-0.0231	191.20	-0.025	185.4	-0.0071
191.23	-0.016	195.3	-0.024	191.23	-0.026	185.1	-0.0098
191.27	-0.016	195.1	-0.0249	191.27	-0.027	184.7	-0.0133
191.30	-0.017	194.9	-0.0249	191.30	-0.028	184.5	-0.0142
191.33	-0.017	194.9	-0.0257	191.33	-0.029	184.3	-0.0151
191.37	-0.017	194.8	-0.0266	191.37	-0.029	184.1	-0.016
191.40	-0.017	194.7	-0.0266	191.40	-0.029	183.9	-0.016
191.43	-0.017	194.6	-0.0266	191.43	-0.029	183.9	-0.0169
191.47	-0.017	194.5	-0.0266	191.47	-0.029	183.7	-0.0169
191.50	-0.017	194.4	-0.0266	191.52	-0.027	183.6	-0.016
191.53	-0.015	194.4	-0.0266	191.55	-0.026	183.6	-0.016
191.57	-0.015	194.4	-0.0257	191.57	-0.026	183.5	-0.0151
191.60	-0.015	194.4	-0.0249	191.60	-0.025	183.5	-0.0124
191.63	-0.014	194.4	-0.0231	191.63	-0.023	183.6	-0.0107
191.67	-0.012	194.5	-0.0213	191.67	-0.021	183.7	-0.008
191.70	-0.011	194.5	-0.0195	191.70	-0.02	183.7	-0.0044
191.73	-0.01	194.5	-0.0169	191.73	-0.017	184	-0.0009
191.77	-0.007	194.7	-0.0169	191.77	-0.014	184.1	-0.0009
191.80	-0.006	194.8	-0.0142	191.80	-0.013	184.1	0.0027
191.83	-0.006	194.8	-0.0124	191.83	-0.013	184.2	0.0071
191.87	-0.005	194.9	-0.0089	191.87	-0.011	184.6	0.0124
191.90	-0.002	195.1	-0.0053	191.90	-0.005	184.8	0.0186
191.93	0	195.3	-0.0027	191.93	-0.004	185.1	0.0231
191.97	0.001	195.4	0.0018	191.97	-0.002	185.5	0.0311
192.00	0.004	195.7	0.0018	192.00	0.004	185.8	0.0311
192.03	0.006	195.9	0.0053	192.03	0.005	185.8	0.0391
192.07	0.006	195.9	0.0089	192.07	0.005	186.1	0.0435
192.10	0.007	196.1	0.0124	192.10	0.008	186.5	0.0506
192.13	0.01	196.4	0.0169	192.13	0.014	187	0.0577
192.17	0.012	196.7	0.0204	192.17	0.015	187.3	0.0621
192.20	0.014	196.9	0.0249	192.20	0.017	187.7	0.0692
192.23	0.016	197.2	0.0249	192.23	0.022	188.2	0.0692
192.27	0.018	197.4	0.0293	192.27	0.024	188.6	0.0763
192.30	0.018	197.4	0.032	192.30	0.024	188.6	0.0808
192.33	0.019	197.6	0.0364	192.33	0.025	188.9	0.087
192.37	0.021	197.9	0.0391	192.37	0.029	189.4	0.0932
192.40	0.023	198.1	0.0426	192.40	0.032	189.8	0.0985
192.43	0.024	198.3	0.0444	192.43	0.033	190.1	0.1021
192.47	0.025	198.6	0.0444	192.47	0.034	190.5	0.1065
192.50	0.027	198.8	0.047	192.50	0.037	190.8	0.1065
192.55	0.027	198.9	0.0497	192.53	0.037	190.8	0.1101
192.58	0.027	199.1	0.0515	192.57	0.037	191.1	0.1118
192.60	0.028	199.3	0.0515	192.60	0.038	191.4	0.1154
192.63	0.029	199.3	0.0524	192.63	0.04	191.7	0.1172
192.67	0.029	199.4	0.0533	192.67	0.04	191.9	0.1181
192.70	0.029	199.6	0.0541	192.70	0.04	192.1	0.1189
192.73	0.029	199.7	0.0541	192.73	0.04	192.2	0.1189
192.77	0.029	199.8	0.0541	192.77	0.04	192.4	0.1189
192.80	0.029	199.9	0.0541	192.80	0.04	192.4	0.1189
192.83	0.028	200	0.0541	192.83	0.04	192.6	0.1189
192.87	0.027	200	0.0541	192.87	0.039	192.7	0.1189

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
192.90	0.027	200	0.0533	192.90	0.038	192.7	0.1172
192.93	0.027	200	0.0515	192.95	0.036	192.7	0.1154
192.97	0.025	200	0.0497	192.98	0.036	192.7	0.1136
193.00	0.024	200	0.0488	193.02	0.033	192.7	0.111
193.03	0.023	199.9	0.0462	193.03	0.032	192.6	0.1083
193.07	0.02	199.8	0.0462	193.07	0.03	192.5	0.1039
193.10	0.02	199.8	0.0444	193.10	0.025	192.3	0.1039
193.13	0.02	199.8	0.0426	193.13	0.024	192.1	0.0994
193.17	0.018	199.7	0.0382	193.17	0.024	192.1	0.0968
193.20	0.015	199.4	0.0355	193.20	0.022	192	0.0905
193.23	0.014	199.3	0.0328	193.23	0.018	191.6	0.0843
193.27	0.012	199.2	0.0293	193.27	0.015	191.4	0.0799
193.30	0.009	198.9	0.0293	193.30	0.013	191.1	0.0728
193.33	0.007	198.9	0.024	193.33	0.009	190.6	0.0657
193.37	0.007	198.8	0.0213	193.37	0.005	190.3	0.0657
193.40	0.006	198.6	0.0178	193.40	0.003	190.3	0.0604
193.43	0.003	198.3	0.0133	193.43	0.003	190	0.0541
193.47	0.001	198.1	0.0098	193.47	0.001	189.5	0.0479
193.50	0	197.9	0.0053	193.50	-0.005	189.1	0.0408
193.53	-0.003	197.5	0.0053	193.53	-0.006	188.7	0.0355
193.57	-0.005	197.3	0.0009	193.57	-0.008	188.3	0.0293
193.60	-0.005	197.3	-0.0027	193.60	-0.013	187.8	0.0293
193.63	-0.006	197.1	-0.0053	193.63	-0.014	187.5	0.0213
193.67	-0.008	196.8	-0.0089	193.67	-0.014	187.5	0.0169
193.70	-0.01	196.5	-0.0124	193.70	-0.016	187.1	0.0107
193.73	-0.011	196.3	-0.0151	193.73	-0.019	186.5	0.0053
193.77	-0.013	196.1	-0.0151	193.77	-0.022	186.1	0
193.80	-0.014	195.8	-0.0178	193.80	-0.023	185.8	-0.0036
193.83	-0.014	195.8	-0.0204	193.83	-0.024	185.4	-0.0071
193.87	-0.015	195.6	-0.0222	193.87	-0.027	185.1	-0.0071
193.90	-0.015	195.4	-0.024	193.90	-0.027	185.1	-0.0098
193.93	-0.016	195.2	-0.0249	193.93	-0.027	184.8	-0.0115
193.98	-0.017	195	-0.0266	193.97	-0.028	184.6	-0.0142
194.02	-0.017	194.9	-0.0266	194.00	-0.029	184.3	-0.016
194.03	-0.017	194.7	-0.0275	194.03	-0.029	184.1	-0.016
194.07	-0.017	194.6	-0.0275	194.07	-0.029	184	-0.016
194.10	-0.017	194.5	-0.0275	194.10	-0.028	183.8	-0.016
194.13	-0.017	194.5	-0.0275	194.13	-0.028	183.8	-0.0169
194.17	-0.016	194.5	-0.0266	194.17	-0.028	183.7	-0.0169
194.20	-0.016	194.4	-0.0266	194.20	-0.027	183.6	-0.0151
194.23	-0.016	194.4	-0.0249	194.23	-0.025	183.6	-0.0133
194.27	-0.014	194.4	-0.024	194.27	-0.025	183.6	-0.0124
194.30	-0.014	194.4	-0.0231	194.30	-0.023	183.6	-0.0098
194.33	-0.013	194.4	-0.0213	194.33	-0.021	183.8	-0.0062
194.37	-0.01	194.5	-0.0213	194.37	-0.018	183.9	-0.0062
194.40	-0.01	194.5	-0.0186	194.42	-0.017	184	-0.0018
194.43	-0.01	194.5	-0.0169	194.45	-0.016	184.1	0.0018
194.47	-0.008	194.7	-0.0142	194.47	-0.012	184.3	0.0018
194.50	-0.005	194.8	-0.0107	194.50	-0.011	184.3	0.0062
194.53	-0.004	195	-0.0089	194.53	-0.011	184.5	0.0115
194.57	-0.003	195.2	-0.0044	194.57	-0.008	184.8	0.0169
194.60	0.001	195.4	-0.0044	194.60	-0.003	185.2	0.024
194.63	0.002	195.4	-0.0009	194.63	-0.001	185.4	0.0293
194.67	0.002	195.6	0.0018	194.67	0.001	185.8	0.0373
194.70	0.003	195.8	0.0062	194.70	0.007	186.2	0.0373
194.73	0.007	196	0.0107	194.73	0.008	186.2	0.0444
194.77	0.008	196.2	0.0142	194.77	0.008	186.5	0.0488
194.80	0.01	196.5	0.0178	194.80	0.011	186.8	0.0559
194.83	0.014	196.7	0.0178	194.83	0.016	187.4	0.063
194.87	0.014	196.7	0.0222	194.87	0.018	187.7	0.0675
194.90	0.014	196.9	0.0249	194.90	0.02	188.1	0.0746
194.93	0.016	197.2	0.0302	194.93	0.024	188.6	0.0746
194.97	0.019	197.5	0.0337	194.97	0.026	188.9	0.0808

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
195.00	0.02	197.7	0.0364	195.00	0.026	188.9	0.0861
195.03	0.021	197.9	0.0399	195.03	0.028	189.3	0.0914
195.07	0.024	198.2	0.0399	195.07	0.03	189.8	0.0976
195.10	0.024	198.2	0.0435	195.10	0.033	190.1	0.1021
195.13	0.024	198.4	0.0453	195.13	0.034	190.4	0.1056
195.17	0.025	198.6	0.0479	195.17	0.035	190.8	0.1092
195.20	0.027	198.8	0.0497	195.20	0.038	191.1	0.1092
195.23	0.027	199	0.0506	195.23	0.038	191.1	0.1127
195.27	0.028	199.2	0.0524	195.27	0.038	191.4	0.1145
195.30	0.028	199.3	0.0524	195.30	0.039	191.6	0.1163
195.33	0.029	199.3	0.0533	195.33	0.04	191.9	0.1181
195.37	0.029	199.5	0.0541	195.37	0.04	192.1	0.1189
195.40	0.029	199.6	0.0541	195.40	0.04	192.3	0.1189
195.45	0.029	199.8	0.0541	195.43	0.04	192.4	0.1189
195.48	0.029	199.8	0.0541	195.47	0.04	192.6	0.1198
195.50	0.028	199.9	0.0541	195.50	0.04	192.6	0.1198
195.53	0.028	199.9	0.0541	195.53	0.04	192.7	0.1189
195.57	0.027	200	0.0524	195.57	0.039	192.7	0.1172
195.60	0.026	200	0.0515	195.60	0.036	192.7	0.1154
195.63	0.025	200	0.0515	195.63	0.035	192.7	0.1127
195.67	0.023	199.9	0.0497	195.67	0.033	192.6	0.1101
195.70	0.023	199.9	0.0479	195.70	0.03	192.5	0.1101
195.73	0.022	199.9	0.0453	195.73	0.029	192.5	0.1065
195.77	0.021	199.8	0.0435	195.77	0.029	192.5	0.103
195.80	0.018	199.7	0.0408	195.80	0.026	192.3	0.0985
195.83	0.017	199.6	0.0382	195.85	0.021	191.9	0.0932
195.87	0.015	199.4	0.0346	195.88	0.021	191.9	0.0914
195.90	0.012	199.3	0.0346	195.92	0.019	191.7	0.0852
195.93	0.012	199.3	0.0311	195.93	0.015	191.3	0.079
195.97	0.012	199.1	0.0275	195.97	0.012	191.1	0.0746
196.00	0.009	198.8	0.0231	196.00	0.01	190.8	0.0675
196.03	0.006	198.6	0.0195	196.03	0.006	190.3	0.0604
196.07	0.005	198.5	0.016	196.07	0.002	190	0.0604
196.10	0.003	198.2	0.0124	196.10	0.001	190	0.055
196.13	0	198	0.0124	196.13	0.001	189.6	0.0488
196.17	-0.001	198	0.008	196.17	-0.002	189.1	0.0426
196.20	-0.001	197.8	0.0044	196.20	-0.007	188.7	0.0346
196.23	-0.003	197.4	0.0009	196.23	-0.009	188.4	0.0302
196.27	-0.006	197.2	-0.0036	196.27	-0.011	187.9	0.0222
196.30	-0.007	197	-0.0071	196.30	-0.016	187.4	0.0222
196.33	-0.008	196.7	-0.0107	196.33	-0.016	187.4	0.016
196.37	-0.011	196.4	-0.0107	196.37	-0.016	187.1	0.0115
196.40	-0.011	196.4	-0.0133	196.40	-0.018	186.6	0.0062
196.43	-0.011	196.2	-0.016	196.43	-0.022	186.2	0.0009
196.47	-0.013	196	-0.0186	196.47	-0.023	185.9	-0.0027
196.50	-0.015	195.7	-0.0213	196.50	-0.024	185.5	-0.0062
196.53	-0.015	195.5	-0.0222	196.53	-0.026	185.2	-0.0062
196.57	-0.016	195.3	-0.024	196.57	-0.027	184.9	-0.0098
196.60	-0.017	195.1	-0.024	196.60	-0.027	184.9	-0.0115
196.63	-0.017	195.1	-0.0249	196.63	-0.028	184.6	-0.0142
196.67	-0.017	195	-0.0257	196.67	-0.028	184.3	-0.016
196.70	-0.017	194.8	-0.0266	196.70	-0.029	184.1	-0.0169
196.73	-0.017	194.7	-0.0266	196.73	-0.029	183.9	-0.0169
196.77	-0.017	194.6	-0.0266	196.77	-0.029	183.8	-0.0169
196.80	-0.017	194.5	-0.0266	196.80	-0.028	183.7	-0.0169
196.83	-0.016	194.4	-0.0266	196.83	-0.027	183.7	-0.0169
196.88	-0.016	194.4	-0.0257	196.87	-0.027	183.6	-0.016
196.92	-0.015	194.4	-0.0249	196.90	-0.026	183.6	-0.0142
196.95	-0.014	194.4	-0.0249	196.93	-0.024	183.6	-0.0124
196.97	-0.013	194.4	-0.024	196.97	-0.023	183.6	-0.0107
197.00	-0.013	194.4	-0.0222	197.00	-0.022	183.7	-0.0071
197.03	-0.012	194.5	-0.0204	197.03	-0.018	183.9	-0.0071
197.07	-0.009	194.6	-0.0178	197.07	-0.017	184	-0.0036

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
197.10	-0.009	194.6	-0.016	197.10	-0.017	184	-0.0009
197.13	-0.007	194.7	-0.0124	197.13	-0.015	184.1	0.0036
197.17	-0.004	194.9	-0.0124	197.17	-0.012	184.4	0.0089
197.20	-0.003	194.9	-0.0098	197.20	-0.008	184.7	0.0133
197.23	-0.003	195	-0.0071	197.23	-0.006	184.9	0.0186
197.27	-0.002	195.2	-0.0027	197.27	-0.004	185.2	0.0249
197.30	0.002	195.4	0.0009	197.32	0.001	185.6	0.0328
197.33	0.003	195.6	0.0036	197.35	0.002	185.8	0.0364
197.37	0.004	195.8	0.008	197.37	0.004	186.2	0.0417
197.40	0.008	196.1	0.008	197.40	0.01	186.6	0.0417
197.43	0.009	196.3	0.0124	197.43	0.011	186.6	0.0497
197.47	0.009	196.3	0.016	197.47	0.011	186.8	0.0541
197.50	0.011	196.5	0.0204	197.50	0.013	187.3	0.0621
197.53	0.014	196.8	0.0249	197.53	0.019	187.8	0.0692
197.57	0.015	197	0.0284	197.57	0.02	188.1	0.0737
197.60	0.017	197.3	0.032	197.60	0.022	188.5	0.0799
197.63	0.019	197.6	0.032	197.63	0.026	189	0.0799
197.67	0.021	197.8	0.0355	197.67	0.028	189.3	0.087
197.70	0.021	197.8	0.0382	197.70	0.028	189.3	0.0914
197.73	0.022	198	0.0417	197.73	0.03	189.7	0.0976
197.77	0.024	198.3	0.0444	197.77	0.033	190.2	0.103
197.80	0.025	198.5	0.047	197.80	0.035	190.5	0.1065
197.83	0.026	198.7	0.0488	197.83	0.036	190.8	0.1092
197.87	0.027	198.9	0.0488	197.87	0.037	191.2	0.1118
197.90	0.028	199.1	0.0506	197.90	0.039	191.4	0.1118
197.93	0.028	199.1	0.0515	197.93	0.039	191.4	0.1145
197.97	0.028	199.2	0.0524	197.97	0.039	191.7	0.1163
198.00	0.029	199.4	0.0541	198.00	0.04	191.9	0.1181
198.03	0.029	199.5	0.0541	198.03	0.04	192.1	0.1189
198.07	0.029	199.7	0.055	198.07	0.04	192.3	0.1198
198.10	0.029	199.8	0.055	198.10	0.04	192.4	0.1198
198.13	0.029	199.8	0.055	198.13	0.04	192.6	0.1198
198.17	0.028	199.8	0.055	198.17	0.04	192.7	0.1198
198.20	0.028	199.9	0.0541	198.20	0.04	192.7	0.1198
198.23	0.027	199.9	0.0533	198.23	0.039	192.8	0.1172
198.27	0.025	199.9	0.0515	198.27	0.037	192.7	0.1154
198.30	0.025	199.9	0.0506	198.30	0.034	192.7	0.1127
198.35	0.024	199.9	0.0479	198.33	0.033	192.7	0.111
198.38	0.023	199.9	0.047	198.37	0.031	192.6	0.1074
198.40	0.022	199.8	0.0462	198.40	0.027	192.4	0.1074
198.43	0.02	199.8	0.0426	198.43	0.026	192.4	0.103
198.47	0.017	199.6	0.0426	198.47	0.026	192.4	0.1003
198.50	0.016	199.6	0.0399	198.50	0.025	192.1	0.095
198.53	0.016	199.6	0.0373	198.53	0.019	191.8	0.0897
198.57	0.015	199.4	0.0337	198.57	0.018	191.7	0.0852
198.60	0.011	199.1	0.0302	198.60	0.016	191.3	0.0781
198.63	0.011	199	0.0275	198.63	0.01	190.9	0.0781
198.67	0.009	198.8	0.0222	198.67	0.009	190.9	0.071
198.70	0.005	198.6	0.0222	198.70	0.009	190.7	0.0666
198.73	0.004	198.6	0.0178	198.73	0.006	190.3	0.0595
198.77	0.004	198.4	0.0151	198.78	0	189.6	0.0524
198.80	0.003	198.1	0.0115	198.82	0	189.6	0.0488
198.83	-0.001	197.9	0.0062	198.83	-0.002	189.3	0.0426
198.87	-0.002	197.7	0.0036	198.87	-0.006	188.7	0.0355
198.90	-0.004	197.4	-0.0009	198.90	-0.01	188.3	0.0293
198.93	-0.007	197.1	-0.0009	198.93	-0.011	188	0.0231
198.97	-0.008	197.1	-0.0053	198.97	-0.014	187.5	0.0169
199.00	-0.008	196.9	-0.008	199.00	-0.017	187	0.0169
199.03	-0.009	196.6	-0.0115	199.03	-0.018	187	0.0107
199.07	-0.012	196.3	-0.0151	199.07	-0.018	186.7	0.0071
199.10	-0.012	196.1	-0.0169	199.10	-0.02	186.2	0.0018
199.13	-0.013	195.9	-0.0195	199.13	-0.024	185.8	-0.0036
199.17	-0.015	195.6	-0.0195	199.17	-0.024	185.5	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
199.20	-0.015	195.6	-0.0222	199.20	-0.025	185.2	-0.0098
199.23	-0.015	195.4	-0.0231	199.23	-0.028	184.8	-0.0098
199.27	-0.016	195.2	-0.024	199.27	-0.028	184.6	-0.0124
199.30	-0.017	195	-0.0257	199.30	-0.028	184.6	-0.0142
199.33	-0.017	194.9	-0.0266	199.33	-0.028	184.4	-0.0151
199.37	-0.017	194.8	-0.0266	199.37	-0.029	184.2	-0.0169
199.40	-0.017	194.7	-0.0266	199.40	-0.029	184	-0.0169
199.43	-0.017	194.6	-0.0266	199.43	-0.029	183.8	-0.0169
199.47	-0.017	194.6	-0.0266	199.47	-0.028	183.7	-0.0169
199.50	-0.017	194.5	-0.0266	199.50	-0.027	183.6	-0.0169
199.53	-0.016	194.4	-0.0266	199.53	-0.027	183.6	-0.016
199.57	-0.015	194.4	-0.0249	199.57	-0.027	183.6	-0.0142
199.60	-0.014	194.4	-0.024	199.60	-0.025	183.7	-0.0124
199.63	-0.014	194.5	-0.0222	199.63	-0.023	183.7	-0.0098
199.67	-0.011	194.5	-0.0222	199.67	-0.022	183.7	-0.008
199.70	-0.011	194.5	-0.0204	199.70	-0.02	183.9	-0.0044
199.73	-0.011	194.5	-0.0186	199.73	-0.016	184	-0.0044
199.78	-0.008	194.7	-0.016	199.77	-0.015	184	-0.0009
199.82	-0.007	194.7	-0.0151	199.80	-0.015	184.1	0.0027
199.85	-0.007	194.8	-0.0124	199.83	-0.013	184.4	0.008
199.87	-0.005	195	-0.0089	199.87	-0.008	184.7	0.0133
199.90	-0.002	195.1	-0.0053	199.90	-0.006	184.9	0.0178
199.93	-0.001	195.3	-0.0027	199.93	-0.004	185.1	0.0249
199.97	0.001	195.6	0.0009	199.97	0.001	185.6	0.0249
200.00	0.004	195.8	0.0009	200.00	0.004	185.9	0.0328
200.03	0.005	195.8	0.0053	200.03	0.004	185.9	0.0382
200.07	0.005	195.9	0.0089	200.07	0.005	186.2	0.0444
200.10	0.007	196.2	0.0133	200.10	0.009	186.7	0.0515
200.13	0.011	196.5	0.0178	200.13	0.013	187.1	0.0577
200.17	0.012	196.6	0.0204	200.17	0.015	187.4	0.063
200.20	0.014	196.9	0.0249	200.22	0.017	187.9	0.0701
200.23	0.017	197.2	0.0249	200.25	0.02	188.2	0.0737
200.27	0.017	197.2	0.0293	200.28	0.022	188.5	0.079
200.30	0.017	197.4	0.0328	200.30	0.024	189	0.0852
200.33	0.019	197.6	0.0364	200.33	0.029	189.4	0.0852
200.37	0.022	197.9	0.0399	200.37	0.03	189.4	0.0914
200.40	0.022	198.1	0.0417	200.40	0.03	189.7	0.0959
200.43	0.024	198.3	0.0453	200.43	0.032	190.1	0.1012
200.47	0.026	198.6	0.0453	200.47	0.035	190.5	0.1056
200.50	0.026	198.6	0.047	200.50	0.036	190.8	0.1083
200.53	0.026	198.7	0.0497	200.53	0.037	191.1	0.1118
200.57	0.027	198.9	0.0506	200.57	0.039	191.4	0.1118
200.60	0.028	199.1	0.0515	200.60	0.04	191.7	0.1154
200.63	0.028	199.3	0.0533	200.63	0.04	191.7	0.1172
200.67	0.029	199.4	0.0541	200.67	0.04	191.9	0.1181
200.70	0.029	199.6	0.0541	200.70	0.04	192.1	0.1198
200.73	0.029	199.6	0.0541	200.73	0.04	192.3	0.1198
200.77	0.029	199.7	0.0541	200.77	0.04	192.5	0.1198
200.80	0.029	199.8	0.0541	200.80	0.04	192.6	0.1198
200.83	0.028	199.9	0.0541	200.83	0.04	192.7	0.1198
200.87	0.028	199.9	0.0533	200.87	0.039	192.7	0.1198
200.90	0.027	200	0.0524	200.90	0.039	192.8	0.1189
200.93	0.025	199.9	0.0524	200.93	0.037	192.8	0.1163
200.97	0.024	199.9	0.0506	200.97	0.034	192.7	0.1136
201.00	0.024	199.9	0.0488	201.00	0.033	192.7	0.1118
201.03	0.023	199.9	0.047	201.03	0.031	192.7	0.1074
201.07	0.022	199.8	0.0453	201.07	0.028	192.5	0.1074
201.10	0.02	199.8	0.0426	201.10	0.026	192.3	0.1039
201.13	0.019	199.7	0.0399	201.13	0.024	192.3	0.1003
201.17	0.016	199.5	0.0399	201.17	0.024	192.2	0.0959
201.20	0.014	199.4	0.0364	201.20	0.022	191.9	0.0905
201.25	0.013	199.3	0.032	201.23	0.017	191.6	0.0852
201.28	0.012	199.1	0.032	201.27	0.016	191.5	0.0799

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
201.30	0.009	198.9	0.0293	201.30	0.013	191	0.0737
201.33	0.009	198.9	0.0249	201.33	0.007	190.7	0.0737
201.37	0.008	198.7	0.0204	201.37	0.006	190.7	0.0657
201.40	0.005	198.4	0.016	201.40	0.006	190.4	0.0604
201.43	0.003	198.2	0.0124	201.43	0.003	190	0.0533
201.47	0.002	198	0.0089	201.47	-0.002	189.5	0.0462
201.50	-0.001	197.7	0.0089	201.50	-0.003	189.2	0.0417
201.53	-0.004	197.5	0.0044	201.53	-0.006	188.8	0.0346
201.57	-0.004	197.5	0.0009	201.57	-0.011	188.3	0.0346
201.60	-0.004	197.3	-0.0027	201.60	-0.012	187.9	0.0257
201.63	-0.007	197	-0.0071	201.63	-0.012	187.9	0.0213
201.67	-0.009	196.7	-0.0098	201.68	-0.017	187.1	0.0115
201.70	-0.01	196.5	-0.0133	201.72	-0.018	186.7	0.0115
201.73	-0.011	196.2	-0.0133	201.73	-0.02	186.7	0.008
201.77	-0.013	196	-0.016	201.77	-0.02	186.3	0.0027
201.80	-0.013	196	-0.0195	201.80	-0.022	185.9	-0.0018
201.83	-0.014	195.8	-0.0213	201.83	-0.025	185.5	-0.0062
201.87	-0.015	195.6	-0.0231	201.87	-0.025	185.2	-0.0089
201.90	-0.016	195.3	-0.024	201.90	-0.026	184.9	-0.0115
201.93	-0.016	195.1	-0.0249	201.93	-0.028	184.6	-0.0115
201.97	-0.017	195	-0.0266	201.97	-0.028	184.6	-0.0142
202.00	-0.017	194.8	-0.0266	202.00	-0.028	184.4	-0.0151
202.03	-0.017	194.8	-0.0266	202.03	-0.029	184.2	-0.016
202.07	-0.017	194.7	-0.0275	202.07	-0.029	184	-0.0169
202.10	-0.017	194.6	-0.0275	202.10	-0.029	183.8	-0.0169
202.13	-0.017	194.5	-0.0275	202.13	-0.029	183.7	-0.0169
202.17	-0.017	194.4	-0.0275	202.17	-0.027	183.7	-0.016
202.20	-0.016	194.4	-0.0257	202.20	-0.026	183.6	-0.016
202.23	-0.015	194.4	-0.0257	202.23	-0.025	183.6	-0.0142
202.27	-0.014	194.4	-0.0249	202.27	-0.025	183.6	-0.0133
202.30	-0.014	194.4	-0.024	202.30	-0.024	183.7	-0.0107
202.33	-0.013	194.4	-0.0222	202.33	-0.021	183.8	-0.008
202.37	-0.011	194.5	-0.0204	202.37	-0.02	183.8	-0.0053
202.40	-0.01	194.5	-0.0186	202.40	-0.018	184	-0.0018
202.43	-0.009	194.7	-0.0151	202.43	-0.014	184.2	-0.0018
202.47	-0.006	194.8	-0.0151	202.47	-0.013	184.2	0.0027
202.50	-0.005	194.8	-0.0124	202.50	-0.013	184.3	0.0071
202.53	-0.005	194.9	-0.0098	202.53	-0.011	184.5	0.0124
202.57	-0.004	195	-0.0071	202.57	-0.006	184.9	0.0186
202.60	0	195.2	-0.0027	202.60	-0.004	185.1	0.0231
202.63	0.001	195.4	0	202.63	-0.002	185.4	0.0302
202.67	0.002	195.6	0.0036	202.67	0.003	185.9	0.0302
202.72	0.006	195.9	0.008	202.70	0.006	186.2	0.0382
202.75	0.007	196.1	0.0107	202.73	0.006	186.2	0.0444
202.77	0.008	196.3	0.0142	202.77	0.008	186.5	0.0506
202.80	0.011	196.6	0.0142	202.80	0.012	187.1	0.0568
202.83	0.013	196.7	0.0186	202.83	0.016	187.5	0.063
202.87	0.013	196.7	0.0222	202.87	0.017	187.8	0.0683
202.90	0.014	197	0.0257	202.90	0.02	188.3	0.0746
202.93	0.017	197.3	0.0302	202.93	0.024	188.7	0.0746
202.97	0.019	197.5	0.0328	202.97	0.026	188.7	0.0817
203.00	0.02	197.7	0.0364	203.00	0.026	189	0.087
203.03	0.022	198	0.0364	203.03	0.028	189.4	0.0932
203.07	0.023	198.2	0.0399	203.07	0.032	189.9	0.0985
203.10	0.023	198.2	0.0426	203.12	0.033	190.2	0.1021
203.13	0.024	198.4	0.0453	203.15	0.033	190.4	0.1047
203.17	0.026	198.7	0.0479	203.18	0.036	190.8	0.1083
203.20	0.027	198.8	0.0488	203.20	0.037	191.2	0.1118
203.23	0.027	199	0.0506	203.23	0.038	191.4	0.1145
203.27	0.028	199.2	0.0524	203.27	0.039	191.7	0.1172
203.30	0.029	199.3	0.0524	203.30	0.04	191.9	0.1172
203.33	0.029	199.3	0.0533	203.33	0.04	191.9	0.1181
203.37	0.029	199.5	0.0533	203.37	0.04	192.1	0.1189

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
203.40	0.029	199.6	0.0533	203.40	0.04	192.3	0.1198
203.43	0.029	199.7	0.0533	203.43	0.04	192.5	0.1198
203.47	0.028	199.8	0.0533	203.47	0.04	192.6	0.1198
203.50	0.028	199.9	0.0533	203.50	0.04	192.8	0.1198
203.53	0.027	199.9	0.0533	203.53	0.039	192.8	0.1198
203.57	0.026	199.9	0.0533	203.57	0.037	192.8	0.1189
203.60	0.026	199.9	0.0515	203.60	0.037	192.9	0.1172
203.63	0.026	199.9	0.0497	203.63	0.036	192.9	0.1145
203.67	0.023	199.9	0.0479	203.67	0.033	192.8	0.111
203.70	0.023	199.9	0.047	203.70	0.031	192.7	0.1083
203.73	0.022	199.8	0.0444	203.73	0.03	192.6	0.1047
203.77	0.019	199.7	0.0444	203.77	0.027	192.4	0.1003
203.80	0.018	199.7	0.0417	203.80	0.023	192.2	0.1003
203.83	0.018	199.7	0.0391	203.83	0.022	192.2	0.0959
203.87	0.016	199.5	0.0355	203.87	0.022	192	0.0923
203.90	0.013	199.3	0.032	203.90	0.02	191.7	0.0861
203.93	0.012	199.2	0.0293	203.93	0.014	191.4	0.0799
203.97	0.011	199	0.0249	203.97	0.013	191.2	0.0746
204.00	0.007	198.7	0.0249	204.00	0.01	190.8	0.0675
204.03	0.006	198.7	0.0204	204.03	0.004	190.4	0.0675
204.07	0.006	198.6	0.0178	204.07	0.003	190.4	0.0604
204.10	0.004	198.3	0.0133	204.10	0.003	190.1	0.055
204.15	0	198.1	0.0089	204.13	0.001	189.7	0.0479
204.18	0	197.9	0.0071	204.17	-0.005	189.2	0.0399
204.22	-0.001	197.7	0.0027	204.20	-0.006	188.8	0.0355
204.23	-0.004	197.4	-0.0009	204.23	-0.008	188.5	0.0293
204.27	-0.006	197.2	-0.0036	204.27	-0.012	187.9	0.0293
204.30	-0.006	196.9	-0.0071	204.30	-0.015	187.5	0.0204
204.33	-0.009	196.6	-0.0071	204.33	-0.015	187.5	0.016
204.37	-0.011	196.4	-0.0115	204.37	-0.016	187.2	0.0107
204.40	-0.011	196.4	-0.0142	204.40	-0.019	186.6	0.0044
204.43	-0.011	196.2	-0.0169	204.43	-0.022	186.2	0
204.47	-0.013	195.9	-0.0195	204.47	-0.023	185.9	-0.0027
204.50	-0.014	195.7	-0.0213	204.50	-0.024	185.5	-0.0062
204.53	-0.015	195.5	-0.0231	204.53	-0.027	185.2	-0.0062
204.57	-0.016	195.2	-0.0231	204.58	-0.027	184.9	-0.0115
204.60	-0.017	195.1	-0.0249	204.62	-0.027	184.7	-0.0133
204.63	-0.017	195.1	-0.0266	204.63	-0.028	184.4	-0.0133
204.67	-0.017	194.9	-0.0266	204.67	-0.029	184.4	-0.0151
204.70	-0.017	194.8	-0.0275	204.70	-0.029	184.2	-0.016
204.73	-0.017	194.7	-0.0275	204.73	-0.029	184	-0.0169
204.77	-0.017	194.5	-0.0275	204.77	-0.029	183.9	-0.0169
204.80	-0.017	194.5	-0.0275	204.80	-0.028	183.7	-0.0169
204.83	-0.016	194.4	-0.0275	204.83	-0.028	183.7	-0.016
204.87	-0.016	194.4	-0.0275	204.87	-0.027	183.7	-0.0151
204.90	-0.016	194.4	-0.0266	204.90	-0.025	183.6	-0.0151
204.93	-0.015	194.4	-0.0249	204.93	-0.024	183.6	-0.0133
204.97	-0.013	194.4	-0.0231	204.97	-0.024	183.6	-0.0115
205.00	-0.012	194.4	-0.0222	205.00	-0.022	183.8	-0.0089
205.03	-0.012	194.5	-0.0204	205.03	-0.019	183.9	-0.0053
205.07	-0.009	194.6	-0.0204	205.07	-0.018	183.9	-0.0018
205.10	-0.008	194.6	-0.0178	205.10	-0.016	184.2	0.0027
205.13	-0.008	194.6	-0.0151	205.13	-0.011	184.4	0.0027
205.17	-0.007	194.8	-0.0124	205.17	-0.01	184.4	0.0071
205.20	-0.003	194.9	-0.0089	205.20	-0.01	184.5	0.0115
205.23	-0.003	195.1	-0.0062	205.23	-0.008	184.9	0.0169
205.27	-0.001	195.3	-0.0027	205.27	-0.003	185.2	0.0231
205.30	0.003	195.6	-0.0027	205.30	-0.001	185.4	0.0293
205.33	0.004	195.6	0.0018	205.33	0.001	185.8	0.0364
205.37	0.004	195.7	0.0044	205.37	0.007	186.2	0.0364
205.40	0.005	195.9	0.0089	205.40	0.008	186.5	0.0435
205.43	0.009	196.2	0.0133	205.43	0.008	186.5	0.0488
205.47	0.01	196.4	0.016	205.47	0.011	187	0.0559

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
205.50	0.012	196.6	0.0213	205.50	0.016	187.5	0.063
205.53	0.015	196.9	0.0213	205.53	0.018	187.8	0.0683
205.57	0.016	196.9	0.0249	205.57	0.02	188.2	0.0746
205.62	0.017	197.4	0.0311	205.60	0.023	188.7	0.0808
205.65	0.019	197.6	0.0311	205.63	0.027	189.1	0.0808
205.67	0.021	197.6	0.0337	205.67	0.028	189.1	0.087
205.70	0.021	197.8	0.0373	205.70	0.028	189.4	0.0923
205.73	0.021	198	0.0399	205.73	0.03	189.8	0.0968
205.77	0.024	198.3	0.0435	205.77	0.034	190.2	0.103
205.80	0.025	198.5	0.0453	205.80	0.034	190.5	0.1056
205.83	0.025	198.7	0.0479	205.83	0.035	190.9	0.1092
205.87	0.027	198.9	0.0479	205.87	0.038	191.2	0.1092
205.90	0.028	199.1	0.0497	205.90	0.039	191.5	0.1127
205.93	0.028	199.1	0.0506	205.93	0.039	191.5	0.1145
205.97	0.028	199.2	0.0515	205.97	0.039	191.7	0.1163
206.00	0.028	199.4	0.0524	206.02	0.04	192.2	0.1181
206.03	0.029	199.6	0.0533	206.03	0.04	192.2	0.1189
206.07	0.029	199.7	0.0533	206.08	0.04	192.3	0.1198
206.10	0.029	199.8	0.0541	206.10	0.04	192.5	0.1198
206.13	0.029	199.8	0.0541	206.13	0.04	192.6	0.1198
206.17	0.028	199.8	0.0533	206.17	0.04	192.8	0.1198
206.20	0.028	199.9	0.0533	206.20	0.039	192.9	0.1189
206.23	0.027	199.9	0.0515	206.23	0.037	192.9	0.1189
206.27	0.026	199.9	0.0506	206.27	0.036	192.9	0.1163
206.30	0.025	199.9	0.0488	206.30	0.036	192.9	0.1154
206.33	0.024	199.9	0.047	206.33	0.034	192.9	0.1118
206.37	0.022	199.8	0.047	206.37	0.032	192.7	0.1083
206.40	0.021	199.8	0.0453	206.40	0.029	192.6	0.1056
206.43	0.021	199.8	0.0435	206.43	0.028	192.5	0.1012
206.47	0.02	199.7	0.0399	206.47	0.025	192.2	0.0968
206.50	0.016	199.5	0.0364	206.50	0.021	192	0.0968
206.53	0.016	199.4	0.0346	206.53	0.019	192	0.0914
206.57	0.014	199.2	0.0311	206.57	0.019	191.8	0.087
206.60	0.011	199	0.0311	206.60	0.017	191.5	0.0808
206.63	0.01	199	0.0275	206.63	0.011	191.2	0.0746
206.67	0.01	198.9	0.0231	206.67	0.01	190.9	0.0692
206.70	0.008	198.6	0.0186	206.70	0.008	190.5	0.0621
206.73	0.004	198.4	0.0151	206.73	0.002	190.1	0.0621
206.77	0.003	198.3	0.0124	206.77	0.001	190.1	0.0541
206.80	0.002	197.9	0.008	206.80	0.001	189.8	0.0497
206.83	-0.002	197.7	0.008	206.83	-0.002	189.3	0.0417
206.87	-0.003	197.7	0.0036	206.87	-0.007	188.8	0.0355
206.90	-0.003	197.5	0	206.90	-0.009	188.5	0.0302
206.93	-0.004	197.2	-0.0036	206.93	-0.011	188.1	0.0222
206.97	-0.008	196.9	-0.008	206.97	-0.015	187.6	0.0222
207.00	-0.008	196.7	-0.0107	207.00	-0.017	187.2	0.016
207.05	-0.01	196.5	-0.0142	207.03	-0.017	187.2	0.0115
207.08	-0.011	196.2	-0.016	207.07	-0.018	186.8	0.0062
207.12	-0.012	196	-0.0178	207.10	-0.021	186.3	0.0009
207.13	-0.013	195.8	-0.0204	207.13	-0.024	185.9	-0.0027
207.17	-0.015	195.6	-0.0204	207.17	-0.024	185.6	-0.0062
207.20	-0.015	195.6	-0.0231	207.20	-0.026	185.3	-0.0098
207.23	-0.015	195.4	-0.024	207.23	-0.027	184.9	-0.0098
207.27	-0.016	195.2	-0.0257	207.27	-0.028	184.9	-0.0124
207.30	-0.017	195	-0.0266	207.30	-0.028	184.7	-0.0133
207.33	-0.017	194.8	-0.0275	207.33	-0.028	184.5	-0.0151
207.37	-0.017	194.7	-0.0275	207.37	-0.029	184.2	-0.016
207.40	-0.017	194.6	-0.0275	207.40	-0.029	184.1	-0.0169
207.43	-0.017	194.6	-0.0284	207.43	-0.029	183.9	-0.0169
207.47	-0.017	194.5	-0.0284	207.48	-0.028	183.8	-0.0169
207.50	-0.017	194.4	-0.0275	207.52	-0.028	183.7	-0.0169
207.53	-0.016	194.4	-0.0266	207.53	-0.027	183.6	-0.0151
207.57	-0.015	194.3	-0.0257	207.57	-0.026	183.7	-0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
207.60	-0.014	194.3	-0.024	207.60	-0.023	183.7	-0.0133
207.63	-0.013	194.4	-0.024	207.63	-0.022	183.7	-0.0115
207.67	-0.011	194.4	-0.0231	207.67	-0.022	183.7	-0.0089
207.70	-0.011	194.4	-0.0213	207.70	-0.021	183.8	-0.0062
207.73	-0.011	194.4	-0.0195	207.73	-0.017	184	-0.0027
207.77	-0.009	194.6	-0.0169	207.77	-0.016	184.1	0.0009
207.80	-0.007	194.7	-0.0142	207.80	-0.014	184.3	0.0053
207.83	-0.006	194.8	-0.0115	207.83	-0.009	184.6	0.0053
207.87	-0.004	195	-0.0115	207.87	-0.008	184.6	0.0107
207.90	-0.001	195.1	-0.008	207.90	-0.008	184.8	0.0151
207.93	-0.001	195.1	-0.0053	207.93	-0.006	185	0.0213
207.97	0	195.3	-0.0009	207.97	0	185.5	0.0293
208.00	0.003	195.6	0.0027	208.00	0.002	185.8	0.0346
208.03	0.005	195.8	0.0062	208.03	0.004	186	0.0417
208.07	0.006	196	0.0098	208.07	0.008	186.6	0.0497
208.10	0.009	196.3	0.0142	208.10	0.012	187	0.0497
208.13	0.012	196.5	0.0142	208.13	0.013	187	0.055
208.17	0.013	196.5	0.0178	208.17	0.013	187.3	0.0604
208.20	0.013	196.7	0.0213	208.20	0.016	187.8	0.0666
208.23	0.015	197	0.0249	208.23	0.021	188.2	0.0746
208.27	0.017	197.2	0.0302	208.27	0.022	188.5	0.0799
208.30	0.018	197.4	0.0328	208.30	0.025	189	0.0852
208.33	0.02	197.7	0.0364	208.33	0.029	189.4	0.0852
208.37	0.023	198	0.0364	208.37	0.03	189.4	0.0923
208.40	0.023	198	0.0399	208.40	0.03	189.7	0.0968
208.43	0.023	198.1	0.0417	208.43	0.032	190.1	0.1012
208.47	0.024	198.4	0.0444	208.47	0.035	190.5	0.1056
208.52	0.027	198.6	0.0479	208.50	0.036	190.8	0.1092
208.55	0.027	198.8	0.0488	208.53	0.037	191.2	0.1127
208.57	0.027	199	0.0506	208.57	0.039	191.5	0.1127
208.60	0.028	199.1	0.0515	208.60	0.039	191.5	0.1154
208.63	0.028	199.3	0.0515	208.63	0.039	191.7	0.1163
208.67	0.028	199.4	0.0524	208.67	0.04	191.9	0.1181
208.70	0.029	199.6	0.0524	208.70	0.04	192.2	0.1198
208.73	0.029	199.6	0.0533	208.73	0.04	192.3	0.1198
208.77	0.029	199.7	0.0533	208.77	0.04	192.5	0.1198
208.80	0.029	199.8	0.0533	208.80	0.04	192.6	0.1198
208.83	0.028	199.9	0.0533	208.83	0.04	192.8	0.1198
208.87	0.028	199.9	0.0524	208.87	0.039	192.8	0.1198
208.90	0.027	199.9	0.0515	208.90	0.039	192.8	0.1181
208.93	0.025	199.9	0.0515	208.95	0.035	192.8	0.1154
208.97	0.025	199.9	0.0497	208.98	0.034	192.8	0.1145
209.00	0.025	199.9	0.0488	209.00	0.034	192.8	0.1127
209.03	0.023	199.9	0.0462	209.03	0.033	192.8	0.1101
209.07	0.021	199.8	0.0435	209.07	0.029	192.6	0.1056
209.10	0.02	199.7	0.0417	209.10	0.027	192.5	0.1021
209.13	0.019	199.7	0.0391	209.13	0.025	192.3	0.0976
209.17	0.016	199.5	0.0391	209.17	0.021	192.1	0.0976
209.20	0.015	199.4	0.0364	209.20	0.019	191.9	0.0923
209.23	0.015	199.4	0.0337	209.23	0.019	191.9	0.0879
209.27	0.013	199.2	0.0302	209.27	0.017	191.6	0.0808
209.30	0.01	199	0.0249	209.30	0.012	191.2	0.0746
209.33	0.009	198.8	0.0222	209.33	0.009	190.9	0.0692
209.37	0.007	198.6	0.0178	209.37	0.008	190.6	0.0621
209.40	0.003	198.3	0.0178	209.40	0.004	190.1	0.055
209.43	0.002	198.3	0.0133	209.43	-0.001	189.7	0.055
209.47	0.002	198.2	0.0107	209.47	-0.002	189.7	0.0488
209.50	0.001	197.9	0.0062	209.50	-0.002	189.4	0.0435
209.53	-0.003	197.6	0.0018	209.53	-0.004	188.9	0.0373
209.57	-0.004	197.4	-0.0018	209.57	-0.01	188.5	0.0293
209.60	-0.005	197.1	-0.0053	209.60	-0.011	188.1	0.024
209.63	-0.008	196.8	-0.0053	209.63	-0.013	187.7	0.0178
209.67	-0.009	196.6	-0.0089	209.67	-0.018	187.2	0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
209.70	-0.009	196.6	-0.0115	209.70	-0.018	187.2	0.0115
209.73	-0.01	196.4	-0.0151	209.73	-0.018	186.8	0.0071
209.77	-0.013	196.1	-0.0178	209.77	-0.02	186.4	0.0018
209.80	-0.014	195.9	-0.0204	209.80	-0.024	185.9	-0.0036
209.83	-0.014	195.7	-0.0222	209.83	-0.024	185.6	-0.0062
209.87	-0.015	195.4	-0.0222	209.87	-0.025	185.3	-0.0089
209.90	-0.016	195.2	-0.024	209.90	-0.027	185	-0.0115
209.95	-0.017	195	-0.0257	209.93	-0.028	184.7	-0.0115
209.98	-0.016	194.9	-0.0257	209.97	-0.029	184.7	-0.0142
210.02	-0.017	194.8	-0.0266	210.00	-0.029	184.5	-0.0151
210.03	-0.017	194.8	-0.0275	210.03	-0.028	184.3	-0.016
210.07	-0.017	194.6	-0.0284	210.07	-0.029	184.1	-0.0169
210.10	-0.017	194.5	-0.0284	210.10	-0.028	183.9	-0.0169
210.13	-0.017	194.4	-0.0284	210.13	-0.028	183.8	-0.0169
210.17	-0.017	194.4	-0.0275	210.17	-0.027	183.7	-0.0169
210.20	-0.016	194.4	-0.0266	210.20	-0.026	183.7	-0.016
210.23	-0.015	194.3	-0.0266	210.23	-0.026	183.7	-0.0142
210.27	-0.014	194.3	-0.0257	210.27	-0.025	183.7	-0.0124
210.30	-0.014	194.3	-0.024	210.30	-0.023	183.8	-0.0107
210.33	-0.013	194.4	-0.0222	210.33	-0.022	183.8	-0.0089
210.37	-0.011	194.4	-0.0204	210.38	-0.02	183.9	-0.0044
210.40	-0.01	194.5	-0.0186	210.42	-0.018	184	-0.0027
210.43	-0.009	194.6	-0.016	210.45	-0.015	184.1	0.0009
210.47	-0.006	194.8	-0.016	210.47	-0.014	184.3	0.0053
210.50	-0.005	194.8	-0.0133	210.50	-0.011	184.6	0.0107
210.53	-0.005	194.8	-0.0107	210.53	-0.007	184.8	0.0107
210.57	-0.004	195	-0.0071	210.57	-0.005	184.8	0.016
210.60	0	195.2	-0.0027	210.60	-0.005	185.1	0.0213
210.63	0.001	195.4	0	210.63	-0.003	185.5	0.0284
210.67	0.003	195.7	0.0036	210.67	0.003	185.9	0.0364
210.70	0.006	195.9	0.0036	210.70	0.004	186.1	0.0417
210.73	0.007	195.9	0.008	210.73	0.007	186.5	0.0479
210.77	0.007	196.1	0.0115	210.77	0.012	187	0.0479
210.80	0.009	196.4	0.0151	210.80	0.014	187	0.0559
210.83	0.013	196.6	0.0195	210.83	0.014	187.3	0.0604
210.87	0.013	196.8	0.0231	210.87	0.016	187.7	0.0675
210.90	0.015	197.1	0.0284	210.90	0.021	188.2	0.0737
210.93	0.019	197.3	0.0284	210.93	0.023	188.5	0.079
210.97	0.019	197.3	0.032	210.97	0.024	188.9	0.0852
211.00	0.019	197.5	0.0346	211.00	0.028	189.4	0.0923
211.03	0.02	197.8	0.0382	211.03	0.031	189.8	0.0923
211.07	0.023	198	0.0408	211.07	0.032	189.8	0.0968
211.10	0.023	198.2	0.0435	211.10	0.032	190.1	0.1012
211.13	0.025	198.5	0.0462	211.13	0.033	190.5	0.1056
211.17	0.027	198.7	0.0462	211.17	0.036	190.8	0.1101
211.20	0.027	198.7	0.0488	211.20	0.037	191.2	0.1118
211.23	0.027	198.9	0.0497	211.23	0.038	191.4	0.1145
211.27	0.027	199.1	0.0506	211.27	0.039	191.7	0.1145
211.30	0.028	199.2	0.0524	211.30	0.04	191.7	0.1172
211.33	0.029	199.4	0.0533	211.33	0.04	191.9	0.1189
211.37	0.029	199.6	0.0541	211.37	0.04	192.1	0.1198
211.42	0.029	199.7	0.0541	211.40	0.04	192.3	0.1198
211.45	0.029	199.7	0.0541	211.43	0.04	192.5	0.1207
211.47	0.029	199.8	0.0541	211.47	0.04	192.7	0.1207
211.50	0.028	199.9	0.0541	211.50	0.04	192.8	0.1198
211.53	0.027	199.9	0.0533	211.53	0.038	192.9	0.1198
211.57	0.027	199.9	0.0524	211.57	0.037	192.9	0.1189
211.60	0.026	199.9	0.0506	211.60	0.037	192.9	0.1172
211.63	0.025	199.9	0.0488	211.63	0.036	192.8	0.1145
211.67	0.024	199.9	0.0479	211.67	0.033	192.8	0.1118
211.70	0.023	199.9	0.0453	211.70	0.031	192.7	0.1092
211.73	0.021	199.8	0.0453	211.73	0.03	192.6	0.1047
211.77	0.02	199.8	0.0435	211.77	0.025	192.4	0.1047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
211.80	0.02	199.7	0.0408	211.80	0.024	192.4	0.1003
211.83	0.018	199.6	0.0373	211.85	0.022	192.1	0.0941
211.87	0.015	199.4	0.0346	211.88	0.02	191.9	0.0941
211.90	0.014	199.3	0.032	211.90	0.017	191.6	0.0897
211.93	0.012	199.1	0.0284	211.93	0.017	191.6	0.0843
211.97	0.009	198.9	0.0284	211.97	0.015	191.4	0.0772
212.00	0.008	198.9	0.0231	212.00	0.01	190.9	0.0692
212.03	0.008	198.7	0.0204	212.03	0.006	190.6	0.063
212.07	0.006	198.5	0.016	212.07	0.005	190.3	0.0577
212.10	0.002	198.2	0.0124	212.10	0.002	189.8	0.0515
212.13	0.002	198	0.0089	212.13	-0.004	189.4	0.0515
212.17	0	197.8	0.0044	212.17	-0.005	189.4	0.0435
212.20	-0.004	197.5	0.0044	212.20	-0.005	189	0.0382
212.23	-0.005	197.3	0	212.23	-0.007	188.5	0.032
212.27	-0.005	197.3	-0.0027	212.27	-0.012	188.1	0.024
212.30	-0.006	197	-0.0062	212.30	-0.013	187.7	0.0186
212.33	-0.008	196.7	-0.0098	212.33	-0.015	187.3	0.0124
212.37	-0.01	196.5	-0.0133	212.37	-0.02	186.8	0.0124
212.40	-0.011	196.3	-0.016	212.40	-0.021	186.8	0.0062
212.43	-0.013	196	-0.016	212.43	-0.021	186.4	0.0027
212.47	-0.014	195.8	-0.0186	212.47	-0.022	186.1	-0.0018
212.50	-0.014	195.8	-0.0204	212.50	-0.024	185.7	-0.0053
212.53	-0.015	195.6	-0.0231	212.53	-0.026	185.3	-0.0089
212.57	-0.016	195.3	-0.0249	212.57	-0.026	185.1	-0.0107
212.60	-0.017	195.1	-0.0266	212.60	-0.027	184.8	-0.0107
212.63	-0.017	195	-0.0266	212.63	-0.028	184.5	-0.0133
212.67	-0.017	194.8	-0.0275	212.67	-0.028	184.5	-0.0151
212.70	-0.017	194.7	-0.0275	212.70	-0.029	184.3	-0.016
212.73	-0.017	194.7	-0.0275	212.73	-0.029	184.1	-0.016
212.77	-0.017	194.6	-0.0275	212.77	-0.029	183.9	-0.0169
212.80	-0.017	194.5	-0.0275	212.80	-0.028	183.8	-0.0169
212.83	-0.017	194.4	-0.0275	212.83	-0.028	183.8	-0.016
212.88	-0.016	194.4	-0.0275	212.87	-0.026	183.7	-0.016
212.92	-0.016	194.3	-0.0266	212.90	-0.025	183.7	-0.0142
212.93	-0.014	194.3	-0.0249	212.93	-0.025	183.7	-0.0133
212.97	-0.014	194.3	-0.024	212.97	-0.024	183.7	-0.0107
213.00	-0.013	194.4	-0.0222	213.00	-0.021	183.8	-0.008
213.03	-0.01	194.5	-0.0222	213.03	-0.02	183.9	-0.0053
213.07	-0.009	194.5	-0.0195	213.07	-0.018	184	-0.0018
213.10	-0.009	194.5	-0.0178	213.10	-0.015	184.3	0.0036
213.13	-0.008	194.6	-0.0151	213.13	-0.012	184.4	0.0036
213.17	-0.005	194.8	-0.0115	213.17	-0.011	184.4	0.0071
213.20	-0.004	194.9	-0.0089	213.20	-0.011	184.6	0.0115
213.23	-0.002	195.1	-0.0053	213.23	-0.008	185	0.0178
213.27	0.001	195.3	-0.0053	213.28	-0.002	185.3	0.024
213.30	0.002	195.3	-0.0018	213.32	-0.002	185.5	0.0284
213.33	0.002	195.5	0.0018	213.35	0	185.8	0.0337
213.37	0.004	195.8	0.0053	213.37	0.005	186.2	0.0417
213.40	0.007	196	0.0098	213.40	0.007	186.5	0.047
213.43	0.008	196.2	0.0133	213.43	0.009	186.9	0.0541
213.47	0.01	196.4	0.0169	213.47	0.015	187.4	0.0541
213.50	0.014	196.7	0.0169	213.50	0.016	187.7	0.0612
213.53	0.014	196.7	0.0213	213.53	0.016	187.7	0.0657
213.57	0.014	196.9	0.0249	213.57	0.019	188	0.0728
213.60	0.016	197.1	0.0293	213.60	0.023	188.6	0.0799
213.63	0.019	197.4	0.0328	213.63	0.025	188.9	0.0852
213.67	0.02	197.6	0.0355	213.67	0.027	189.3	0.0905
213.70	0.021	197.9	0.0391	213.70	0.03	189.8	0.0968
213.73	0.024	198.1	0.0391	213.73	0.032	190.1	0.0968
213.77	0.024	198.1	0.0426	213.77	0.033	190.1	0.1012
213.80	0.024	198.3	0.0444	213.80	0.033	190.4	0.1047
213.83	0.025	198.6	0.047	213.83	0.035	190.8	0.1092
213.87	0.027	198.8	0.0488	213.87	0.038	191.2	0.1127

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
213.90	0.027	199	0.0497	213.90	0.038	191.4	0.1145
213.93	0.028	199.1	0.0515	213.93	0.039	191.7	0.1172
213.97	0.028	199.3	0.0515	213.97	0.04	192	0.1172
214.00	0.029	199.3	0.0524	214.00	0.04	192	0.1189
214.03	0.029	199.4	0.0533	214.03	0.04	192.2	0.1198
214.07	0.029	199.6	0.0533	214.07	0.04	192.3	0.1207
214.10	0.029	199.7	0.0533	214.10	0.04	192.5	0.1207
214.13	0.029	199.8	0.0533	214.13	0.04	192.7	0.1207
214.17	0.028	199.8	0.0524	214.17	0.04	192.8	0.1207
214.20	0.027	199.8	0.0524	214.20	0.039	192.9	0.1198
214.23	0.027	199.8	0.0515	214.23	0.037	192.9	0.1198
214.27	0.027	199.9	0.0506	214.27	0.036	192.9	0.1172
214.32	0.024	199.9	0.0488	214.30	0.036	192.9	0.1154
214.35	0.024	199.9	0.0479	214.33	0.034	192.8	0.1127
214.38	0.024	199.9	0.047	214.37	0.031	192.7	0.1092
214.40	0.022	199.8	0.0444	214.40	0.029	192.7	0.1065
214.43	0.02	199.7	0.0417	214.43	0.028	192.5	0.1021
214.47	0.018	199.6	0.0399	214.47	0.023	192.3	0.1021
214.50	0.017	199.6	0.0364	214.50	0.022	192.3	0.0968
214.53	0.014	199.3	0.0364	214.53	0.022	192.1	0.0932
214.57	0.013	199.3	0.0328	214.57	0.02	191.9	0.087
214.60	0.013	199.2	0.0302	214.60	0.014	191.5	0.0799
214.63	0.011	199	0.0257	214.63	0.012	191.3	0.0754
214.67	0.008	198.8	0.0213	214.67	0.01	191	0.0683
214.70	0.006	198.6	0.0186	214.70	0.005	190.5	0.0683
214.73	0.005	198.4	0.0151	214.75	0.003	190.1	0.0559
214.77	0.002	198.1	0.0151	214.78	0.002	189.9	0.0515
214.80	0	197.9	0.0107	214.80	-0.001	189.4	0.0453
214.83	0	197.9	0.0071	214.83	-0.006	189	0.0453
214.87	-0.001	197.7	0.0027	214.87	-0.007	189	0.0382
214.90	-0.004	197.3	-0.0018	214.90	-0.007	188.7	0.0328
214.93	-0.006	197.1	-0.0053	214.93	-0.01	188.2	0.0257
214.97	-0.006	196.9	-0.0089	214.97	-0.014	187.7	0.0186
215.00	-0.009	196.6	-0.0089	215.00	-0.015	187.4	0.0133
215.03	-0.011	196.3	-0.0124	215.03	-0.017	187	0.008
215.07	-0.011	196.3	-0.0151	215.07	-0.021	186.4	0.008
215.10	-0.012	196.1	-0.0178	215.10	-0.022	186.1	0.0027
215.13	-0.013	195.9	-0.0204	215.13	-0.022	186.1	0
215.17	-0.014	195.6	-0.0222	215.17	-0.023	185.8	-0.0053
215.20	-0.015	195.4	-0.024	215.20	-0.026	185.4	-0.0089
215.23	-0.016	195.1	-0.024	215.23	-0.027	185.1	-0.0115
215.27	-0.017	195	-0.0257	215.27	-0.027	184.8	-0.0133
215.30	-0.017	195	-0.0266	215.30	-0.028	184.5	-0.0151
215.33	-0.017	194.9	-0.0275	215.33	-0.029	184.3	-0.0151
215.37	-0.017	194.7	-0.0284	215.37	-0.029	184.3	-0.016
215.40	-0.017	194.6	-0.0284	215.40	-0.029	184.1	-0.0169
215.43	-0.017	194.5	-0.0284	215.43	-0.029	184	-0.0169
215.47	-0.017	194.4	-0.0284	215.47	-0.028	183.9	-0.0169
215.50	-0.016	194.4	-0.0284	215.50	-0.027	183.8	-0.016
215.53	-0.016	194.4	-0.0275	215.53	-0.027	183.7	-0.0151
215.57	-0.016	194.3	-0.0266	215.57	-0.025	183.7	-0.0151
215.60	-0.015	194.3	-0.0257	215.60	-0.024	183.7	-0.0133
215.63	-0.013	194.3	-0.024	215.63	-0.024	183.7	-0.0115
215.67	-0.012	194.3	-0.0222	215.67	-0.023	183.8	-0.0089
215.70	-0.011	194.4	-0.0204	215.70	-0.02	183.9	-0.0053
215.73	-0.009	194.5	-0.0204	215.73	-0.017	184	-0.0027
215.78	-0.008	194.6	-0.0169	215.77	-0.016	184.1	0.0018
215.82	-0.007	194.7	-0.0142	215.80	-0.013	184.5	0.0062
215.83	-0.005	194.8	-0.0142	215.83	-0.009	184.7	0.0062
215.87	-0.003	194.8	-0.0115	215.87	-0.008	184.7	0.0107
215.90	-0.003	194.9	-0.008	215.90	-0.008	184.9	0.016
215.93	-0.002	195.2	-0.0044	215.93	-0.006	185.2	0.0213
215.97	0.002	195.4	0	215.97	0	185.6	0.0302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
216.00	0.003	195.6	0.0027	216.00	0.001	185.8	0.0355
216.03	0.005	195.8	0.0062	216.03	0.004	186.3	0.0426
216.07	0.008	196.1	0.0062	216.07	0.01	186.7	0.0426
216.10	0.009	196.1	0.0107	216.10	0.011	186.7	0.0497
216.13	0.009	196.2	0.0142	216.13	0.011	187	0.055
216.17	0.011	196.5	0.0186	216.17	0.013	187.4	0.0621
216.20	0.014	196.8	0.0231	216.22	0.019	188.2	0.0683
216.23	0.015	197	0.0257	216.25	0.019	188.2	0.0719
216.27	0.017	197.3	0.0311	216.27	0.021	188.5	0.0781
216.30	0.02	197.5	0.0311	216.30	0.025	189	0.0843
216.33	0.021	197.5	0.0346	216.33	0.028	189.4	0.0897
216.37	0.021	197.7	0.0373	216.37	0.029	189.7	0.095
216.40	0.022	198	0.0399	216.40	0.031	190.2	0.1003
216.43	0.024	198.2	0.0426	216.43	0.034	190.5	0.1003
216.47	0.024	198.4	0.0444	216.47	0.035	190.5	0.1056
216.50	0.025	198.6	0.047	216.50	0.035	190.8	0.1083
216.53	0.028	198.8	0.047	216.53	0.036	191.2	0.1118
216.57	0.028	198.8	0.0497	216.57	0.039	191.5	0.1145
216.60	0.028	199	0.0506	216.60	0.039	191.7	0.1163
216.63	0.028	199.2	0.0515	216.63	0.039	192	0.1181
216.67	0.029	199.3	0.0524	216.67	0.04	192.2	0.1181
216.70	0.029	199.5	0.0533	216.70	0.04	192.4	0.1189
216.73	0.029	199.6	0.0533	216.73	0.04	192.4	0.1198
216.77	0.029	199.7	0.0533	216.77	0.04	192.6	0.1207
216.80	0.028	199.7	0.0533	216.80	0.04	192.7	0.1207
216.83	0.028	199.8	0.0533	216.83	0.04	192.8	0.1198
216.87	0.028	199.8	0.0524	216.87	0.039	192.9	0.1198
216.90	0.027	199.9	0.0515	216.90	0.038	192.9	0.1172
216.93	0.026	199.8	0.0497	216.93	0.035	192.9	0.1172
216.97	0.025	199.9	0.0488	216.97	0.034	192.9	0.1145
217.00	0.024	199.8	0.0488	217.00	0.034	192.9	0.1127
217.03	0.022	199.8	0.047	217.03	0.032	192.8	0.1092
217.07	0.022	199.8	0.0453	217.07	0.028	192.7	0.1056
217.10	0.021	199.7	0.0417	217.10	0.027	192.6	0.1021
217.13	0.018	199.6	0.0391	217.13	0.025	192.4	0.0976
217.17	0.017	199.5	0.0364	217.17	0.021	192.1	0.0976
217.22	0.015	199.4	0.0328	217.20	0.019	192.1	0.0923
217.25	0.014	199.2	0.0311	217.23	0.019	191.9	0.0888
217.28	0.012	199.1	0.0284	217.27	0.017	191.7	0.0817
217.30	0.011	198.9	0.024	217.30	0.012	191.3	0.0746
217.33	0.007	198.6	0.024	217.33	0.01	191	0.0692
217.37	0.006	198.5	0.0204	217.37	0.007	190.7	0.0621
217.40	0.006	198.5	0.0169	217.40	0.003	190.2	0.055
217.43	0.004	198.3	0.0124	217.43	0	189.8	0.055
217.47	0.001	198	0.008	217.47	-0.002	189.8	0.0488
217.50	-0.001	197.7	0.0044	217.50	-0.002	189.5	0.0435
217.53	-0.002	197.5	0.0018	217.53	-0.005	189	0.0373
217.57	-0.004	197.2	0.0018	217.57	-0.009	188.5	0.0293
217.60	-0.007	197	-0.0027	217.60	-0.011	188.2	0.024
217.63	-0.007	197	-0.0062	217.65	-0.013	187.7	0.0178
217.67	-0.007	196.8	-0.0098	217.68	-0.016	187.4	0.0133
217.70	-0.01	196.4	-0.0133	217.70	-0.017	187	0.0089
217.73	-0.011	196.2	-0.016	217.73	-0.019	186.6	0.0036
217.77	-0.012	196	-0.0186	217.77	-0.023	186.1	0.0036
217.80	-0.014	195.7	-0.0186	217.80	-0.024	185.8	-0.0018
217.83	-0.015	195.5	-0.0213	217.83	-0.024	185.8	-0.0044
217.87	-0.015	195.5	-0.0231	217.87	-0.025	185.5	-0.008
217.90	-0.016	195.3	-0.0249	217.90	-0.026	185.1	-0.0115
217.93	-0.016	195.1	-0.0257	217.93	-0.028	184.8	-0.0142
217.97	-0.017	194.9	-0.0275	217.97	-0.028	184.6	-0.016
218.00	-0.017	194.8	-0.0275	218.00	-0.028	184.4	-0.0169
218.03	-0.017	194.7	-0.0284	218.03	-0.029	184.2	-0.0169
218.07	-0.017	194.5	-0.0284	218.07	-0.029	184.2	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
218.10	-0.017	194.5	-0.0284	218.10	-0.029	184	-0.0178
218.13	-0.017	194.4	-0.0284	218.13	-0.029	183.9	-0.0186
218.17	-0.017	194.4	-0.0284	218.17	-0.027	183.8	-0.0178
218.20	-0.016	194.3	-0.0275	218.20	-0.027	183.7	-0.0169
218.23	-0.015	194.3	-0.0257	218.23	-0.026	183.7	-0.0151
218.27	-0.015	194.3	-0.0249	218.27	-0.024	183.8	-0.0151
218.30	-0.013	194.3	-0.0249	218.30	-0.022	183.8	-0.0124
218.33	-0.012	194.3	-0.024	218.33	-0.022	183.8	-0.0107
218.37	-0.012	194.3	-0.0222	218.37	-0.021	183.9	-0.0071
218.40	-0.011	194.4	-0.0195	218.40	-0.018	184.1	-0.0036
218.43	-0.008	194.5	-0.0169	218.43	-0.015	184.2	0
218.47	-0.007	194.6	-0.0151	218.47	-0.014	184.4	0.0036
218.50	-0.006	194.7	-0.0115	218.50	-0.011	184.7	0.0089
218.53	-0.003	194.9	-0.0115	218.53	-0.007	184.9	0.0089
218.57	-0.001	195.1	-0.008	218.57	-0.005	184.9	0.0142
218.60	-0.001	195.1	-0.0053	218.60	-0.005	185.1	0.0204
218.63	0	195.2	-0.0018	218.63	-0.003	185.5	0.0275
218.68	0.004	195.7	0.0027	218.67	0.003	185.9	0.0346
218.72	0.004	195.7	0.0044	218.70	0.004	186.2	0.0399
218.73	0.005	195.9	0.0089	218.73	0.006	186.5	0.0462
218.77	0.009	196.2	0.0133	218.77	0.012	187	0.0462
218.80	0.011	196.4	0.016	218.80	0.014	187.4	0.0541
218.83	0.011	196.6	0.0195	218.83	0.014	187.4	0.0586
218.87	0.015	196.9	0.0195	218.87	0.016	187.7	0.0657
218.90	0.016	197.1	0.024	218.90	0.019	188.3	0.0737
218.93	0.016	197.1	0.0284	218.93	0.023	188.7	0.079
218.97	0.017	197.3	0.032	218.97	0.025	189	0.0843
219.00	0.02	197.6	0.0355	219.00	0.027	189.4	0.0897
219.03	0.021	197.8	0.0382	219.03	0.031	189.9	0.0897
219.07	0.022	198	0.0408	219.07	0.032	189.9	0.0959
219.10	0.024	198.3	0.0408	219.12	0.033	190.5	0.103
219.13	0.026	198.5	0.0444	219.15	0.035	190.8	0.103
219.17	0.026	198.5	0.047	219.17	0.036	190.8	0.1065
219.20	0.026	198.7	0.0479	219.20	0.036	191.1	0.1092
219.23	0.027	198.9	0.0497	219.23	0.037	191.4	0.1136
219.27	0.028	199.1	0.0506	219.27	0.039	191.7	0.1163
219.30	0.028	199.2	0.0515	219.30	0.04	192	0.1172
219.33	0.029	199.4	0.0533	219.33	0.04	192.2	0.1189
219.37	0.029	199.5	0.0533	219.37	0.04	192.4	0.1198
219.40	0.029	199.5	0.0533	219.40	0.04	192.6	0.1198
219.43	0.029	199.6	0.0533	219.43	0.04	192.6	0.1198
219.47	0.029	199.7	0.0533	219.47	0.04	192.7	0.1198
219.50	0.028	199.8	0.0533	219.50	0.04	192.9	0.1198
219.53	0.028	199.8	0.0524	219.53	0.039	193	0.1198
219.57	0.027	199.9	0.0506	219.57	0.038	193	0.1181
219.60	0.025	199.9	0.0506	219.60	0.037	193	0.1154
219.63	0.025	199.9	0.0497	219.63	0.033	192.9	0.1154
219.67	0.025	199.8	0.0488	219.67	0.032	192.9	0.1127
219.70	0.023	199.8	0.0462	219.70	0.032	192.9	0.1101
219.73	0.021	199.8	0.0444	219.73	0.031	192.8	0.1065
219.77	0.02	199.7	0.0417	219.77	0.027	192.6	0.1021
219.80	0.019	199.6	0.0391	219.80	0.025	192.4	0.0985
219.83	0.016	199.4	0.0391	219.83	0.023	192.3	0.0932
219.87	0.015	199.4	0.0355	219.87	0.02	192	0.0879
219.90	0.015	199.3	0.0328	219.90	0.016	191.7	0.0879
219.93	0.013	199.1	0.0293	219.93	0.014	191.7	0.0826
219.97	0.01	198.9	0.0249	219.97	0.014	191.5	0.0772
220.00	0.009	198.8	0.0213	220.00	0.011	191	0.071
220.03	0.007	198.5	0.0178	220.03	0.006	190.7	0.063
220.07	0.003	198.3	0.0178	220.07	0.005	190.4	0.0586
220.10	0.002	198.3	0.0133	220.10	0.002	189.9	0.0506
220.15	0.002	197.9	0.008	220.13	-0.004	189.5	0.0506
220.18	-0.002	197.6	0.008	220.17	-0.005	189.5	0.0435

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
220.20	-0.003	197.6	0.0036	220.20	-0.005	189.2	0.0382
220.23	-0.003	197.4	0.0009	220.23	-0.007	188.8	0.032
220.27	-0.004	197.2	-0.0044	220.27	-0.011	188.2	0.024
220.30	-0.007	196.9	-0.008	220.30	-0.014	187.8	0.0186
220.33	-0.009	196.6	-0.0107	220.33	-0.015	187.5	0.0133
220.37	-0.01	196.4	-0.0142	220.37	-0.018	187	0.0071
220.40	-0.012	196.1	-0.0142	220.40	-0.021	186.5	0.0071
220.43	-0.013	195.9	-0.0169	220.43	-0.022	186.5	0.0027
220.47	-0.013	195.9	-0.0195	220.47	-0.022	186.2	-0.0009
220.50	-0.014	195.7	-0.0213	220.50	-0.023	185.8	-0.0053
220.53	-0.015	195.4	-0.0231	220.55	-0.026	185.4	-0.0089
220.57	-0.016	195.2	-0.0249	220.58	-0.026	185.2	-0.0107
220.60	-0.016	195	-0.0257	220.62	-0.027	184.9	-0.0124
220.63	-0.017	194.9	-0.0257	220.63	-0.028	184.7	-0.0142
220.67	-0.017	194.7	-0.0275	220.67	-0.029	184.4	-0.016
220.70	-0.017	194.7	-0.0275	220.70	-0.029	184.2	-0.0169
220.73	-0.017	194.6	-0.0284	220.73	-0.029	184.1	-0.0169
220.77	-0.017	194.5	-0.0293	220.77	-0.029	183.9	-0.0169
220.80	-0.017	194.4	-0.0284	220.80	-0.029	183.9	-0.0169
220.83	-0.016	194.3	-0.0275	220.83	-0.028	183.8	-0.016
220.87	-0.016	194.3	-0.0275	220.87	-0.027	183.8	-0.0151
220.90	-0.015	194.3	-0.0275	220.90	-0.026	183.8	-0.0142
220.93	-0.014	194.3	-0.0266	220.93	-0.024	183.8	-0.0124
220.97	-0.014	194.3	-0.0249	220.97	-0.023	183.8	-0.0098
221.00	-0.013	194.4	-0.0222	221.00	-0.02	183.9	-0.0098
221.03	-0.011	194.4	-0.0204	221.03	-0.019	183.9	-0.0062
221.07	-0.01	194.4	-0.0195	221.07	-0.019	184	-0.0036
221.10	-0.009	194.6	-0.0169	221.10	-0.017	184.2	0
221.13	-0.006	194.7	-0.0169	221.13	-0.013	184.4	0.0053
221.17	-0.005	194.7	-0.0133	221.17	-0.012	184.6	0.0089
221.20	-0.005	194.8	-0.0107	221.20	-0.009	184.8	0.0151
221.23	-0.003	195	-0.0071	221.23	-0.005	185.2	0.0151
221.27	0	195.2	-0.0044	221.27	-0.002	185.5	0.0213
221.30	0.001	195.3	-0.0009	221.30	-0.002	185.5	0.0275
221.33	0.003	195.6	0.0036	221.33	0	185.7	0.0337
221.37	0.006	195.8	0.0036	221.37	0.003	186.2	0.0408
221.40	0.007	195.8	0.008	221.40	0.008	186.6	0.0479
221.43	0.007	196	0.0115	221.43	0.01	186.9	0.0533
221.47	0.009	196.3	0.0151	221.47	0.012	187.4	0.0595
221.50	0.013	196.6	0.0195	221.50	0.017	187.8	0.0595
221.53	0.014	196.7	0.0222	221.53	0.019	187.8	0.0666
221.58	0.015	197	0.0275	221.57	0.019	188.1	0.0719
221.62	0.017	197.2	0.0293	221.60	0.021	188.6	0.079
221.63	0.018	197.4	0.0328	221.63	0.026	189	0.0861
221.67	0.019	197.7	0.0355	221.67	0.027	189.3	0.0897
221.70	0.023	197.9	0.0355	221.70	0.029	189.8	0.0959
221.73	0.023	197.9	0.0391	221.73	0.032	190.2	0.0959
221.77	0.023	198.1	0.0417	221.77	0.034	190.5	0.1021
221.80	0.024	198.3	0.0444	221.80	0.034	190.5	0.1056
221.83	0.026	198.6	0.047	221.83	0.035	190.8	0.1092
221.87	0.027	198.8	0.0488	221.87	0.037	191.2	0.1136
221.90	0.027	198.9	0.0506	221.90	0.038	191.5	0.1163
221.93	0.028	199.1	0.0506	221.93	0.039	191.7	0.1181
221.97	0.029	199.3	0.0515	221.97	0.039	192	0.1198
222.00	0.029	199.3	0.0524	222.02	0.04	192.2	0.1207
222.03	0.029	199.4	0.0524	222.05	0.04	192.4	0.1216
222.07	0.029	199.6	0.0533	222.07	0.04	192.6	0.1216
222.10	0.029	199.7	0.0533	222.10	0.04	192.7	0.1216
222.13	0.029	199.8	0.0533	222.13	0.04	192.7	0.1225
222.17	0.028	199.8	0.0533	222.17	0.04	192.9	0.1216
222.20	0.027	199.8	0.0524	222.20	0.04	193	0.1216
222.23	0.027	199.8	0.0515	222.23	0.038	193	0.1198
222.27	0.026	199.9	0.0497	222.27	0.036	193	0.1181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
222.30	0.025	199.8	0.0488	222.30	0.035	193	0.1154
222.33	0.024	199.8	0.047	222.33	0.032	192.9	0.1154
222.37	0.023	199.8	0.0453	222.37	0.03	192.8	0.1118
222.40	0.022	199.7	0.0435	222.40	0.03	192.8	0.1092
222.43	0.019	199.6	0.0435	222.43	0.029	192.8	0.1056
222.47	0.018	199.6	0.0399	222.47	0.025	192.5	0.1003
222.50	0.018	199.6	0.0382	222.50	0.022	192.3	0.0968
222.53	0.016	199.3	0.0346	222.53	0.021	192.1	0.0914
222.57	0.013	199.2	0.0311	222.57	0.018	191.8	0.0861
222.60	0.012	199.1	0.0284	222.60	0.013	191.5	0.0861
222.63	0.011	198.8	0.024	222.63	0.011	191.5	0.079
222.67	0.006	198.6	0.024	222.67	0.011	191.2	0.0746
222.70	0.006	198.6	0.0195	222.70	0.009	190.8	0.0666
222.73	0.006	198.5	0.0169	222.73	0.003	190.4	0.0595
222.77	0.005	198.2	0.0133	222.77	0.002	190.1	0.0541
222.80	0	198	0.008	222.80	-0.001	189.7	0.047
222.83	0	197.8	0.0053	222.83	-0.006	189.2	0.047
222.87	-0.002	197.5	0.0009	222.87	-0.007	188.8	0.0399
222.90	-0.006	197.2	0.0009	222.90	-0.007	188.8	0.0355
222.93	-0.006	197.2	-0.0036	222.93	-0.009	188.5	0.0284
222.97	-0.006	197	-0.0062	222.97	-0.014	187.9	0.0204
223.00	-0.007	196.7	-0.0098	223.00	-0.016	187.5	0.0151
223.05	-0.01	196.4	-0.0133	223.03	-0.017	187.2	0.0107
223.08	-0.01	196.3	-0.0151	223.07	-0.02	186.6	0.0044
223.10	-0.012	196	-0.0178	223.10	-0.023	186.2	0.0044
223.13	-0.013	195.8	-0.0204	223.13	-0.023	186.2	0
223.17	-0.015	195.6	-0.0222	223.17	-0.023	185.9	-0.0027
223.20	-0.015	195.4	-0.024	223.20	-0.025	185.5	-0.0071
223.23	-0.016	195.1	-0.024	223.23	-0.027	185.2	-0.0098
223.27	-0.016	195.1	-0.0257	223.27	-0.027	185	-0.0115
223.30	-0.016	195	-0.0266	223.30	-0.028	184.7	-0.0133
223.33	-0.017	194.8	-0.0275	223.33	-0.029	184.4	-0.0133
223.37	-0.017	194.6	-0.0284	223.37	-0.029	184.3	-0.0151
223.40	-0.017	194.5	-0.0284	223.40	-0.029	184.3	-0.0151
223.43	-0.017	194.4	-0.0284	223.45	-0.028	184	-0.016
223.47	-0.017	194.4	-0.0284	223.48	-0.028	183.9	-0.016
223.50	-0.016	194.3	-0.0284	223.52	-0.027	183.9	-0.016
223.53	-0.016	194.3	-0.0275	223.53	-0.027	183.8	-0.0151
223.57	-0.016	194.3	-0.0266	223.57	-0.026	183.8	-0.0133
223.60	-0.015	194.3	-0.0249	223.60	-0.024	183.8	-0.0115
223.63	-0.013	194.3	-0.024	223.63	-0.023	183.8	-0.0098
223.67	-0.013	194.3	-0.0222	223.67	-0.022	183.9	-0.0062
223.70	-0.01	194.4	-0.0222	223.70	-0.019	184.1	-0.0062
223.73	-0.009	194.5	-0.0195	223.73	-0.017	184.1	-0.0027
223.77	-0.009	194.5	-0.0178	223.77	-0.017	184.2	0.0009
223.80	-0.008	194.6	-0.0151	223.80	-0.015	184.3	0.0053
223.83	-0.006	194.8	-0.0115	223.83	-0.011	184.6	0.0098
223.87	-0.004	194.9	-0.0098	223.87	-0.009	184.8	0.0142
223.90	-0.002	195	-0.0062	223.90	-0.007	185	0.0204
223.93	0	195.2	-0.0062	223.93	-0.002	185.5	0.0284
223.97	0.003	195.5	-0.0027	223.97	0.001	185.8	0.0284
224.00	0.003	195.5	0.0009	224.00	0.002	185.8	0.0328
224.03	0.003	195.6	0.0044	224.03	0.002	186	0.0391
224.07	0.006	195.9	0.0089	224.07	0.006	186.5	0.0462
224.10	0.009	196.1	0.0133	224.10	0.011	187	0.0533
224.13	0.01	196.3	0.016	224.13	0.012	187.3	0.0586
224.17	0.012	196.6	0.0204	224.17	0.014	187.7	0.0657
224.20	0.015	196.9	0.0204	224.20	0.02	188.2	0.0657
224.23	0.016	196.9	0.024	224.23	0.021	188.2	0.0728
224.27	0.016	197	0.0284	224.27	0.021	188.5	0.0781
224.30	0.017	197.3	0.032	224.30	0.023	188.9	0.0843
224.33	0.021	197.6	0.0355	224.33	0.028	189.4	0.0914
224.37	0.021	197.8	0.0373	224.37	0.029	189.7	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
224.40	0.023	198.1	0.0408	224.40	0.03	190	0.1003
224.43	0.024	198.3	0.0408	224.43	0.033	190.5	0.1003
224.48	0.025	198.5	0.0462	224.47	0.036	190.8	0.1056
224.52	0.026	198.7	0.0479	224.50	0.036	190.8	0.1092
224.55	0.027	198.8	0.0479	224.53	0.036	191.2	0.1118
224.57	0.027	198.8	0.0488	224.57	0.037	191.5	0.1154
224.60	0.027	199	0.0506	224.60	0.04	191.8	0.1181
224.63	0.028	199.2	0.0515	224.63	0.039	192	0.1189
224.67	0.028	199.3	0.0524	224.67	0.04	192.2	0.1207
224.70	0.029	199.5	0.0533	224.70	0.04	192.4	0.1207
224.73	0.029	199.6	0.0533	224.73	0.04	192.4	0.1216
224.77	0.029	199.7	0.0533	224.77	0.04	192.6	0.1216
224.80	0.028	199.7	0.0533	224.80	0.04	192.8	0.1225
224.83	0.028	199.8	0.0533	224.83	0.04	192.9	0.1216
224.87	0.028	199.8	0.0524	224.87	0.039	193	0.1207
224.90	0.027	199.8	0.0515	224.92	0.038	193	0.1189
224.93	0.026	199.9	0.0497	224.95	0.037	193	0.1172
224.97	0.025	199.8	0.0479	224.97	0.035	193	0.1154
225.00	0.024	199.8	0.0479	225.00	0.033	193	0.1127
225.03	0.022	199.8	0.047	225.03	0.031	192.9	0.1092
225.07	0.022	199.8	0.0444	225.07	0.028	192.7	0.1092
225.10	0.021	199.7	0.0417	225.10	0.026	192.7	0.1056
225.13	0.018	199.6	0.0391	225.13	0.026	192.6	0.1021
225.17	0.017	199.5	0.0373	225.17	0.024	192.4	0.0976
225.20	0.016	199.3	0.0337	225.20	0.019	192.1	0.0914
225.23	0.013	199.1	0.0337	225.23	0.018	192	0.087
225.27	0.011	199.1	0.0302	225.27	0.016	191.6	0.0799
225.30	0.011	199	0.0275	225.30	0.01	191.2	0.0799
225.33	0.01	198.8	0.0222	225.33	0.009	191.2	0.0728
225.37	0.006	198.6	0.0186	225.37	0.009	190.9	0.0675
225.40	0.005	198.4	0.0151	225.40	0.006	190.6	0.0604
225.43	0.004	198.2	0.0115	225.43	0.001	190.1	0.0533
225.47	0	197.9	0.0115	225.47	-0.001	189.8	0.0479
225.50	-0.001	197.6	0.0071	225.50	-0.003	189.4	0.0417
225.53	-0.001	197.6	0.0036	225.53	-0.007	188.8	0.0337
225.57	-0.003	197.4	-0.0009	225.57	-0.01	188.5	0.0337
225.60	-0.006	197.1	-0.0044	225.60	-0.012	188.5	0.0284
225.63	-0.007	196.9	-0.0071	225.63	-0.012	188.1	0.0222
225.67	-0.008	196.7	-0.0115	225.67	-0.014	187.6	0.016
225.70	-0.01	196.3	-0.0115	225.70	-0.019	187.2	0.0098
225.73	-0.012	196.1	-0.0151	225.73	-0.02	186.8	0.0053
225.77	-0.012	196.1	-0.0178	225.77	-0.021	186.3	0.0009
225.80	-0.013	195.9	-0.0195	225.80	-0.024	185.9	0.0009
225.83	-0.014	195.6	-0.0222	225.83	-0.025	185.9	-0.0036
225.87	-0.015	195.4	-0.024	225.87	-0.025	185.7	-0.0062
225.90	-0.016	195.2	-0.0257	225.90	-0.026	185.4	-0.0098
225.95	-0.016	195	-0.0266	225.93	-0.028	185	-0.0124
225.98	-0.017	194.8	-0.0275	225.97	-0.028	184.8	-0.0142
226.00	-0.017	194.7	-0.0275	226.00	-0.028	184.5	-0.0151
226.03	-0.017	194.6	-0.0284	226.03	-0.029	184.3	-0.016
226.07	-0.017	194.5	-0.0284	226.07	-0.029	184.2	-0.016
226.10	-0.017	194.5	-0.0284	226.10	-0.028	184.2	-0.016
226.13	-0.017	194.4	-0.0284	226.13	-0.028	184	-0.0169
226.17	-0.017	194.3	-0.0284	226.17	-0.028	183.9	-0.016
226.20	-0.016	194.3	-0.0275	226.20	-0.027	183.9	-0.0151
226.23	-0.015	194.3	-0.0266	226.23	-0.026	183.9	-0.0133
226.27	-0.015	194.3	-0.0249	226.27	-0.025	183.9	-0.0115
226.30	-0.013	194.3	-0.0249	226.30	-0.022	183.9	-0.0115
226.33	-0.012	194.3	-0.024	226.33	-0.021	183.9	-0.0089
226.37	-0.012	194.3	-0.0222	226.38	-0.019	184.1	-0.0044
226.40	-0.011	194.4	-0.0195	226.42	-0.017	184.2	-0.0044
226.43	-0.008	194.5	-0.0169	226.43	-0.015	184.3	-0.0018
226.47	-0.007	194.6	-0.0151	226.47	-0.015	184.3	0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
226.50	-0.006	194.8	-0.0115	226.50	-0.013	184.5	0.008
226.53	-0.002	194.9	-0.0115	226.53	-0.009	184.9	0.0142
226.57	-0.002	194.9	-0.008	226.57	-0.006	185.2	0.0195
226.60	-0.002	195	-0.0053	226.60	-0.004	185.4	0.024
226.63	0	195.3	-0.0009	226.63	-0.001	185.8	0.032
226.67	0.004	195.5	0.0027	226.67	0.004	186.1	0.032
226.70	0.005	195.7	0.0062	226.70	0.005	186.1	0.0391
226.73	0.006	195.9	0.0098	226.73	0.005	186.4	0.0444
226.77	0.01	196.2	0.0098	226.77	0.008	186.9	0.0515
226.80	0.011	196.2	0.0142	226.80	0.014	187.3	0.0595
226.83	0.011	196.4	0.0178	226.83	0.015	187.7	0.0639
226.87	0.012	196.7	0.0222	226.87	0.017	188.1	0.071
226.90	0.016	196.9	0.0257	226.90	0.022	188.5	0.071
226.93	0.017	197.1	0.0302	226.93	0.024	188.9	0.0781
226.97	0.018	197.4	0.0337	226.97	0.024	188.9	0.0826
227.00	0.021	197.7	0.0337	227.00	0.025	189.2	0.0888
227.03	0.022	197.7	0.0373	227.03	0.029	189.7	0.095
227.07	0.022	197.9	0.0391	227.07	0.031	190.1	0.1003
227.10	0.023	198.1	0.0417	227.10	0.033	190.4	0.1047
227.13	0.025	198.3	0.0453	227.13	0.035	190.9	0.1092
227.17	0.026	198.5	0.047	227.17	0.037	191.2	0.1092
227.20	0.026	198.7	0.0488	227.20	0.038	191.2	0.1127
227.23	0.027	198.9	0.0488	227.23	0.038	191.5	0.1145
227.27	0.028	199.1	0.0506	227.27	0.038	191.7	0.1172
227.30	0.028	199.1	0.0515	227.30	0.04	192	0.1189
227.33	0.028	199.2	0.0524	227.33	0.04	192.2	0.1207
227.38	0.029	199.5	0.0524	227.37	0.04	192.4	0.1216
227.42	0.029	199.5	0.0533	227.40	0.04	192.6	0.1216
227.45	0.029	199.6	0.0533	227.43	0.04	192.6	0.1216
227.47	0.029	199.7	0.0533	227.47	0.04	192.8	0.1216
227.50	0.028	199.8	0.0533	227.50	0.04	192.9	0.1216
227.53	0.027	199.8	0.0524	227.53	0.039	193	0.1216
227.57	0.027	199.8	0.0506	227.57	0.038	193.1	0.1189
227.60	0.025	199.8	0.0506	227.60	0.037	193.1	0.1172
227.63	0.025	199.8	0.0497	227.63	0.034	193	0.1172
227.67	0.025	199.8	0.0479	227.67	0.032	193	0.1136
227.70	0.023	199.8	0.0462	227.70	0.032	193	0.1118
227.73	0.021	199.7	0.0435	227.73	0.03	192.9	0.1074
227.77	0.02	199.7	0.0417	227.77	0.028	192.6	0.103
227.80	0.019	199.5	0.0382	227.82	0.024	192.5	0.0994
227.83	0.015	199.4	0.0382	227.85	0.024	192.4	0.0976
227.87	0.015	199.4	0.0355	227.88	0.022	192.1	0.0923
227.90	0.015	199.3	0.0328	227.90	0.017	191.9	0.087
227.93	0.013	199.1	0.0293	227.93	0.016	191.7	0.0817
227.97	0.01	198.9	0.0249	227.97	0.013	191.3	0.0746
228.00	0.009	198.7	0.0213	228.00	0.007	190.9	0.0746
228.03	0.007	198.5	0.0178	228.03	0.006	190.9	0.0675
228.07	0.003	198.2	0.0178	228.07	0.006	190.6	0.0621
228.10	0.002	198.2	0.0133	228.10	0.004	190.2	0.055
228.13	0.002	198.1	0.0107	228.13	-0.002	189.7	0.047
228.17	0.001	197.8	0.0062	228.17	-0.004	189.4	0.0417
228.20	-0.003	197.5	0.0018	228.20	-0.006	189	0.0355
228.23	-0.004	197.3	-0.0018	228.23	-0.01	188.5	0.0355
228.27	-0.005	197	-0.0053	228.27	-0.013	188.1	0.0284
228.30	-0.008	196.7	-0.0053	228.30	-0.014	188.1	0.0222
228.33	-0.009	196.7	-0.0089	228.33	-0.014	187.8	0.0169
228.37	-0.009	196.5	-0.0115	228.37	-0.016	187.3	0.0115
228.40	-0.01	196.2	-0.0151	228.40	-0.02	186.8	0.0053
228.43	-0.013	196	-0.0186	228.43	-0.021	186.5	0.0018
228.47	-0.013	195.8	-0.0204	228.47	-0.023	186	-0.0027
228.50	-0.014	195.6	-0.0222	228.50	-0.026	185.7	-0.0027
228.53	-0.016	195.3	-0.0222	228.53	-0.026	185.7	-0.0071
228.57	-0.016	195.3	-0.0249	228.57	-0.026	185.4	-0.0089

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
228.60	-0.016	195.1	-0.0257	228.60	-0.027	185.1	-0.0115
228.63	-0.016	195	-0.0266	228.63	-0.028	184.8	-0.0142
228.67	-0.017	194.8	-0.0275	228.67	-0.029	184.6	-0.0151
228.70	-0.017	194.6	-0.0284	228.70	-0.029	184.4	-0.016
228.73	-0.017	194.5	-0.0284	228.73	-0.029	184.2	-0.016
228.77	-0.017	194.5	-0.0284	228.77	-0.028	184.1	-0.016
228.80	-0.017	194.5	-0.0284	228.80	-0.028	184.1	-0.016
228.85	-0.016	194.3	-0.0275	228.83	-0.028	184	-0.016
228.88	-0.016	194.2	-0.0275	228.87	-0.027	183.9	-0.0151
228.90	-0.015	194.2	-0.0266	228.90	-0.025	183.9	-0.0133
228.93	-0.015	194.2	-0.0257	228.93	-0.025	183.9	-0.0115
228.97	-0.014	194.2	-0.024	228.97	-0.023	184	-0.0089
229.00	-0.012	194.3	-0.0222	229.00	-0.02	184.1	-0.0089
229.03	-0.011	194.3	-0.0213	229.03	-0.019	184.1	-0.0062
229.07	-0.01	194.4	-0.0186	229.07	-0.019	184.1	-0.0036
229.10	-0.008	194.5	-0.0186	229.10	-0.017	184.3	0.0009
229.13	-0.006	194.7	-0.016	229.13	-0.013	184.5	0.0053
229.17	-0.006	194.7	-0.0133	229.17	-0.012	184.7	0.0089
229.20	-0.005	194.7	-0.0107	229.20	-0.009	184.9	0.0151
229.23	-0.002	195	-0.0071	229.23	-0.005	185.3	0.0151
229.27	0	195.1	-0.0036	229.28	-0.002	185.6	0.0275
229.30	0.001	195.3	0	229.32	-0.001	185.7	0.0311
229.33	0.004	195.6	0	229.33	0.002	186.2	0.0382
229.37	0.006	195.8	0.0044	229.37	0.006	186.5	0.0382
229.40	0.006	195.8	0.008	229.40	0.009	186.5	0.0453
229.43	0.007	196	0.0107	229.43	0.009	186.8	0.0506
229.47	0.01	196.3	0.016	229.47	0.011	187.3	0.0568
229.50	0.013	196.5	0.0195	229.50	0.016	187.7	0.0639
229.53	0.013	196.7	0.0231	229.53	0.017	188.1	0.0692
229.57	0.016	197	0.0275	229.57	0.02	188.5	0.0763
229.60	0.018	197.2	0.0275	229.60	0.025	189	0.0763
229.63	0.018	197.2	0.0311	229.63	0.026	189	0.0834
229.67	0.019	197.5	0.0346	229.67	0.026	189.3	0.0888
229.70	0.021	197.7	0.0382	229.70	0.028	189.7	0.0941
229.73	0.023	198	0.0408	229.73	0.032	190.1	0.1003
229.77	0.024	198.2	0.0435	229.77	0.033	190.5	0.1039
229.80	0.025	198.4	0.0453	229.80	0.034	190.8	0.1074
229.83	0.026	198.6	0.0453	229.83	0.037	191.2	0.1074
229.87	0.027	198.6	0.0479	229.87	0.038	191.5	0.1118
229.90	0.027	198.8	0.0488	229.90	0.038	191.5	0.1145
229.93	0.027	199	0.0506	229.93	0.038	191.7	0.1172
229.97	0.028	199.1	0.0515	229.97	0.039	192	0.1189
230.00	0.029	199.3	0.0524	230.00	0.04	192.3	0.1198
230.03	0.029	199.4	0.0533	230.03	0.04	192.5	0.1207
230.07	0.029	199.6	0.0533	230.07	0.04	192.6	0.1216
230.10	0.029	199.6	0.0533	230.10	0.04	192.8	0.1216
230.13	0.029	199.7	0.0533	230.13	0.04	192.8	0.1216
230.17	0.029	199.8	0.0533	230.17	0.04	192.9	0.1216
230.20	0.028	199.8	0.0524	230.20	0.04	193.1	0.1216
230.23	0.027	199.8	0.0515	230.23	0.038	193.1	0.1198
230.27	0.026	199.8	0.0497	230.27	0.036	193.1	0.1172
230.32	0.024	199.8	0.0479	230.30	0.035	193.1	0.1145
230.35	0.024	199.8	0.047	230.33	0.032	193	0.1145
230.37	0.023	199.8	0.0453	230.37	0.03	192.9	0.1118
230.40	0.021	199.7	0.0453	230.40	0.03	192.9	0.1092
230.43	0.02	199.7	0.0426	230.43	0.029	192.8	0.1047
230.47	0.02	199.6	0.0408	230.47	0.026	192.5	0.0994
230.50	0.018	199.5	0.0373	230.50	0.022	192.4	0.095
230.53	0.015	199.3	0.0337	230.53	0.021	192.2	0.0905
230.57	0.014	199.2	0.032	230.57	0.018	191.9	0.0852
230.60	0.013	199	0.0284	230.60	0.013	191.5	0.0852
230.63	0.009	198.8	0.0284	230.63	0.011	191.5	0.079
230.67	0.008	198.8	0.0231	230.67	0.011	191.3	0.0728

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
230.70	0.008	198.6	0.0204	230.72	0.005	190.6	0.0657
230.73	0.006	198.4	0.016	230.75	0.003	190.6	0.0612
230.77	0.002	198.1	0.0115	230.78	0.003	190.3	0.0559
230.80	0.001	198	0.0089	230.80	0.001	189.9	0.0488
230.83	0	197.7	0.0044	230.83	-0.005	189.4	0.0417
230.87	-0.004	197.4	0.0044	230.87	-0.006	189.1	0.0364
230.90	-0.005	197.2	0	230.90	-0.008	188.7	0.0302
230.93	-0.005	197.2	-0.0027	230.93	-0.012	188.1	0.0222
230.97	-0.006	197	-0.0071	230.97	-0.015	187.7	0.0222
231.00	-0.009	196.6	-0.0107	231.00	-0.016	187.7	0.0169
231.03	-0.01	196.4	-0.0133	231.03	-0.016	187.4	0.0115
231.07	-0.011	196.2	-0.0169	231.07	-0.019	186.9	0.0062
231.10	-0.013	195.9	-0.0169	231.10	-0.022	186.5	0.0018
231.13	-0.014	195.7	-0.0195	231.13	-0.023	186.2	-0.0027
231.17	-0.014	195.7	-0.0213	231.17	-0.024	185.7	-0.0062
231.20	-0.015	195.5	-0.0231	231.20	-0.026	185.4	-0.0062
231.23	-0.016	195.2	-0.0249	231.23	-0.027	185.4	-0.0098
231.27	-0.017	195	-0.0266	231.27	-0.027	185.2	-0.0115
231.30	-0.017	194.9	-0.0266	231.30	-0.028	184.9	-0.0142
231.33	-0.017	194.7	-0.0275	231.33	-0.029	184.6	-0.0151
231.37	-0.017	194.6	-0.0275	231.37	-0.029	184.4	-0.016
231.40	-0.017	194.6	-0.0284	231.40	-0.029	184.3	-0.016
231.43	-0.017	194.5	-0.0284	231.43	-0.029	184.1	-0.016
231.47	-0.017	194.4	-0.0284	231.47	-0.028	184	-0.0169
231.50	-0.017	194.3	-0.0284	231.50	-0.028	184	-0.016
231.53	-0.016	194.3	-0.0275	231.53	-0.027	183.9	-0.0151
231.57	-0.015	194.3	-0.0266	231.57	-0.026	183.9	-0.0133
231.60	-0.014	194.3	-0.0266	231.60	-0.024	183.9	-0.0124
231.63	-0.013	194.3	-0.0249	231.63	-0.023	183.9	-0.0098
231.67	-0.013	194.3	-0.0231	231.67	-0.022	184.1	-0.0071
231.70	-0.012	194.4	-0.0213	231.70	-0.018	184.2	-0.0071
231.75	-0.009	194.4	-0.0186	231.73	-0.017	184.2	-0.0036
231.78	-0.009	194.5	-0.0178	231.77	-0.017	184.3	0
231.82	-0.008	194.6	-0.0151	231.80	-0.015	184.5	0.0044
231.83	-0.005	194.7	-0.0124	231.83	-0.01	184.8	0.0098
231.87	-0.004	194.8	-0.0098	231.87	-0.009	184.9	0.0133
231.90	-0.003	195	-0.0062	231.90	-0.007	185.2	0.0195
231.93	0.001	195.2	-0.0062	231.93	-0.002	185.6	0.0195
231.97	0.002	195.2	-0.0027	231.97	0	185.9	0.0275
232.00	0.002	195.4	0.0009	232.00	0	185.9	0.0328
232.03	0.003	195.7	0.0044	232.03	0.003	186.2	0.0399
232.07	0.007	195.9	0.0089	232.07	0.007	186.7	0.047
232.10	0.008	196.1	0.0124	232.10	0.01	187.1	0.0533
232.13	0.01	196.3	0.0169	232.13	0.012	187.4	0.0586
232.17	0.013	196.6	0.0169	232.18	0.015	187.9	0.0657
232.20	0.014	196.6	0.0213	232.22	0.018	188.2	0.0692
232.23	0.014	196.8	0.024	232.23	0.02	188.5	0.0746
232.27	0.016	197	0.0293	232.27	0.022	188.9	0.0808
232.30	0.019	197.3	0.0328	232.30	0.027	189.4	0.0808
232.33	0.02	197.5	0.0355	232.33	0.028	189.4	0.0879
232.37	0.021	197.8	0.0391	232.37	0.028	189.7	0.0923
232.40	0.023	198	0.0391	232.40	0.03	190.1	0.0985
232.43	0.024	198	0.0417	232.43	0.033	190.5	0.1039
232.47	0.024	198.2	0.0444	232.47	0.035	190.8	0.1074
232.50	0.025	198.4	0.0462	232.50	0.035	191.2	0.111
232.53	0.027	198.7	0.0488	232.53	0.038	191.5	0.1145
232.57	0.027	198.9	0.0497	232.57	0.039	191.8	0.1145
232.60	0.028	199	0.0506	232.60	0.039	191.8	0.1172
232.63	0.028	199.2	0.0506	232.63	0.039	192	0.1189
232.67	0.029	199.3	0.0524	232.67	0.04	192.3	0.1198
232.70	0.029	199.3	0.0533	232.70	0.04	192.5	0.1216
232.73	0.029	199.5	0.0533	232.73	0.04	192.7	0.1216
232.77	0.029	199.6	0.0533	232.77	0.04	192.8	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
232.80	0.029	199.7	0.0533	232.80	0.04	193	0.1216
232.83	0.028	199.8	0.0524	232.83	0.04	193	0.1216
232.87	0.027	199.8	0.0524	232.87	0.04	193.1	0.1216
232.90	0.027	199.8	0.0515	232.90	0.038	193.2	0.1198
232.93	0.027	199.8	0.0506	232.93	0.036	193.1	0.1172
232.97	0.026	199.8	0.0488	232.97	0.034	193.1	0.1154
233.00	0.024	199.8	0.047	233.00	0.033	193.1	0.1127
233.03	0.022	199.7	0.0453	233.03	0.031	192.9	0.1092
233.07	0.021	199.7	0.0435	233.07	0.028	192.8	0.1092
233.10	0.02	199.6	0.0408	233.10	0.026	192.8	0.1056
233.13	0.017	199.4	0.0408	233.13	0.026	192.7	0.1021
233.17	0.016	199.4	0.0382	233.17	0.024	192.4	0.0968
233.22	0.015	199.2	0.0337	233.20	0.019	192.2	0.0914
233.25	0.013	199.1	0.0337	233.23	0.018	192	0.0861
233.27	0.012	199.1	0.0311	233.27	0.016	191.6	0.0799
233.30	0.012	199	0.0257	233.30	0.01	191.3	0.0799
233.33	0.01	198.7	0.0222	233.33	0.009	191.3	0.0728
233.37	0.006	198.5	0.0178	233.37	0.009	191	0.0675
233.40	0.005	198.3	0.0151	233.40	0.006	190.6	0.0612
233.43	0.003	198	0.0107	233.43	0.001	190.2	0.0533
233.47	0	197.8	0.0107	233.47	-0.001	189.9	0.0479
233.50	-0.001	197.8	0.0062	233.50	-0.003	189.4	0.0408
233.53	-0.001	197.6	0.0036	233.53	-0.008	188.9	0.0408
233.57	-0.003	197.3	-0.0009	233.57	-0.01	188.6	0.0337
233.60	-0.006	197	-0.0053	233.60	-0.01	188.6	0.0284
233.63	-0.007	196.8	-0.008	233.65	-0.014	187.8	0.0169
233.67	-0.008	196.5	-0.0115	233.68	-0.017	187.4	0.0169
233.70	-0.011	196.2	-0.0115	233.70	-0.018	187.4	0.0124
233.73	-0.012	196.2	-0.0151	233.73	-0.018	187	0.0071
233.77	-0.012	196	-0.0178	233.77	-0.02	186.5	0.0027
233.80	-0.012	195.8	-0.0195	233.80	-0.024	186.1	-0.0027
233.83	-0.014	195.6	-0.0222	233.83	-0.024	185.8	-0.0062
233.87	-0.015	195.3	-0.024	233.87	-0.025	185.5	-0.0089
233.90	-0.016	195.1	-0.0249	233.90	-0.027	185.1	-0.0089
233.93	-0.017	194.9	-0.0249	233.93	-0.028	185.1	-0.0124
233.97	-0.017	194.9	-0.0266	233.97	-0.028	184.9	-0.0133
234.00	-0.017	194.8	-0.0275	234.00	-0.028	184.7	-0.0151
234.03	-0.017	194.6	-0.0275	234.03	-0.029	184.5	-0.0169
234.07	-0.017	194.5	-0.0284	234.07	-0.029	184.3	-0.0169
234.10	-0.017	194.4	-0.0293	234.10	-0.029	184.1	-0.0169
234.13	-0.017	194.3	-0.0284	234.13	-0.028	184	-0.0169
234.17	-0.016	194.3	-0.0284	234.17	-0.027	184	-0.016
234.20	-0.015	194.2	-0.0275	234.20	-0.027	184	-0.016
234.23	-0.015	194.2	-0.0266	234.23	-0.026	183.9	-0.0142
234.27	-0.015	194.2	-0.0257	234.27	-0.025	183.9	-0.0124
234.30	-0.014	194.2	-0.024	234.30	-0.023	184	-0.0107
234.33	-0.012	194.3	-0.0231	234.33	-0.022	184	-0.008
234.37	-0.012	194.3	-0.0204	234.37	-0.02	184.2	-0.0044
234.40	-0.009	194.4	-0.0204	234.40	-0.016	184.3	-0.0044
234.43	-0.008	194.5	-0.0186	234.43	-0.015	184.3	-0.0009
234.47	-0.008	194.5	-0.016	234.47	-0.015	184.5	0.0036
234.50	-0.006	194.6	-0.0124	234.50	-0.013	184.7	0.008
234.53	-0.004	194.8	-0.0098	234.53	-0.008	185	0.0142
234.57	-0.002	195	-0.0062	234.57	-0.006	185.2	0.0186
234.60	-0.001	195.1	-0.0036	234.60	-0.004	185.5	0.0249
234.65	0.002	195.4	0.0009	234.63	0.001	185.9	0.0249
234.68	0.003	195.5	0.0027	234.67	0.003	185.9	0.0328
234.72	0.004	195.7	0.0062	234.70	0.003	186.2	0.0382
234.73	0.007	196	0.0107	234.73	0.005	186.5	0.0462
234.77	0.01	196.2	0.0107	234.77	0.01	187.1	0.0533
234.80	0.01	196.2	0.0142	234.80	0.013	187.4	0.0586
234.83	0.011	196.4	0.0178	234.83	0.015	187.8	0.0648
234.87	0.013	196.7	0.0222	234.87	0.018	188.3	0.0719

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
234.90	0.016	196.9	0.0257	234.90	0.022	188.7	0.0719
234.93	0.017	197.1	0.0302	234.93	0.024	188.7	0.0781
234.97	0.018	197.4	0.0337	234.97	0.024	189	0.0834
235.00	0.021	197.6	0.0337	235.00	0.025	189.5	0.0888
235.03	0.022	197.6	0.0373	235.03	0.03	189.9	0.0959
235.07	0.022	197.9	0.0399	235.08	0.031	190.2	0.0994
235.10	0.023	198.1	0.0426	235.12	0.031	190.5	0.1021
235.13	0.025	198.3	0.0453	235.13	0.035	190.9	0.1074
235.17	0.026	198.5	0.0462	235.17	0.035	191.2	0.1101
235.20	0.026	198.7	0.0488	235.20	0.037	191.5	0.1145
235.23	0.028	198.9	0.0488	235.23	0.039	191.8	0.1145
235.27	0.028	198.9	0.0506	235.27	0.04	192.1	0.1172
235.30	0.028	199.1	0.0506	235.30	0.04	192.1	0.1189
235.33	0.028	199.2	0.0524	235.33	0.04	192.3	0.1198
235.37	0.029	199.4	0.0533	235.37	0.04	192.5	0.1207
235.40	0.029	199.5	0.0533	235.40	0.04	192.7	0.1216
235.43	0.029	199.6	0.0533	235.43	0.04	192.9	0.1216
235.47	0.029	199.7	0.0533	235.47	0.04	193	0.1216
235.50	0.028	199.7	0.0533	235.50	0.04	193.1	0.1216
235.53	0.028	199.8	0.0524	235.53	0.038	193.1	0.1216
235.57	0.027	199.8	0.0515	235.57	0.038	193.2	0.1198
235.60	0.026	199.8	0.0497	235.60	0.037	193.2	0.1181
235.63	0.025	199.8	0.0488	235.63	0.034	193.1	0.1145
235.67	0.024	199.8	0.047	235.67	0.033	193.1	0.1136
235.70	0.022	199.7	0.047	235.70	0.031	193	0.1092
235.73	0.021	199.7	0.0444	235.73	0.028	192.9	0.1092
235.77	0.021	199.7	0.0426	235.77	0.026	192.7	0.1056
235.80	0.02	199.6	0.0399	235.80	0.026	192.7	0.1021
235.83	0.017	199.4	0.0364	235.83	0.024	192.6	0.0968
235.87	0.015	199.3	0.0346	235.87	0.02	192.3	0.0914
235.90	0.014	199.1	0.0311	235.90	0.017	192	0.087
235.93	0.011	198.9	0.0311	235.93	0.016	191.8	0.0808
235.97	0.009	198.7	0.0257	235.97	0.012	191.4	0.0737
236.00	0.009	198.7	0.0231	236.00	0.007	191	0.0737
236.03	0.008	198.6	0.0195	236.03	0.006	191	0.0675
236.07	0.005	198.3	0.0151	236.07	0.006	190.8	0.0621
236.12	0.003	198.1	0.0115	236.10	0.003	190.3	0.055
236.15	0.002	198	0.0098	236.13	-0.002	189.9	0.047
236.17	0	197.7	0.0053	236.17	-0.003	189.5	0.0417
236.20	-0.002	197.4	0.0018	236.20	-0.006	189	0.0346
236.23	-0.003	197.2	-0.0018	236.23	-0.011	188.6	0.0346
236.27	-0.006	196.9	-0.0018	236.27	-0.012	188.6	0.0275
236.30	-0.008	196.7	-0.0062	236.30	-0.012	188.2	0.0213
236.33	-0.008	196.7	-0.0089	236.33	-0.014	187.8	0.016
236.37	-0.009	196.4	-0.0133	236.37	-0.018	187.3	0.0089
236.40	-0.011	196.1	-0.016	236.40	-0.02	187	0.0053
236.43	-0.012	195.9	-0.0186	236.43	-0.021	186.5	0
236.47	-0.013	195.7	-0.0204	236.47	-0.024	186.1	0
236.50	-0.014	195.4	-0.0204	236.50	-0.025	185.8	-0.0036
236.53	-0.016	195.2	-0.0231	236.55	-0.026	185.5	-0.0098
236.57	-0.016	195.2	-0.0249	236.58	-0.026	185.2	-0.0115
236.60	-0.016	195	-0.0266	236.60	-0.028	184.9	-0.0115
236.63	-0.017	194.9	-0.0266	236.63	-0.028	184.9	-0.0133
236.67	-0.017	194.7	-0.0284	236.67	-0.028	184.7	-0.0151
236.70	-0.017	194.6	-0.0284	236.70	-0.029	184.5	-0.016
236.73	-0.017	194.5	-0.0284	236.73	-0.029	184.3	-0.0169
236.77	-0.017	194.4	-0.0284	236.77	-0.029	184.2	-0.0169
236.80	-0.017	194.4	-0.0284	236.80	-0.028	184.1	-0.0169
236.83	-0.017	194.3	-0.0284	236.83	-0.027	184	-0.0169
236.87	-0.016	194.2	-0.0275	236.87	-0.026	183.9	-0.016
236.90	-0.015	194.2	-0.0266	236.90	-0.025	183.9	-0.0142
236.93	-0.015	194.2	-0.0257	236.93	-0.025	183.9	-0.0133
236.97	-0.014	194.2	-0.024	236.97	-0.024	184	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
237.00	-0.011	194.3	-0.024	237.00	-0.021	184.1	-0.008
237.03	-0.011	194.3	-0.0222	237.03	-0.02	184.1	-0.0053
237.07	-0.011	194.3	-0.0204	237.07	-0.018	184.3	-0.0018
237.10	-0.01	194.4	-0.0178	237.10	-0.014	184.5	-0.0018
237.13	-0.006	194.6	-0.0151	237.13	-0.013	184.5	0.0027
237.17	-0.006	194.6	-0.0124	237.17	-0.013	184.6	0.0071
237.20	-0.005	194.8	-0.0089	237.20	-0.01	184.9	0.0124
237.23	-0.001	195	-0.0089	237.23	-0.006	185.2	0.0186
237.27	0	195	-0.0053	237.27	-0.004	185.5	0.0231
237.30	0	195.1	-0.0018	237.30	-0.002	185.8	0.0311
237.33	0.002	195.4	0.0018	237.33	0.003	186.2	0.0311
237.37	0.005	195.7	0.0062	237.37	0.006	186.6	0.0391
237.40	0.006	195.8	0.0089	237.40	0.006	186.6	0.0444
237.43	0.008	196	0.0133	237.43	0.008	186.9	0.0506
237.47	0.012	196.3	0.0133	237.47	0.012	187.4	0.0586
237.50	0.013	196.5	0.0178	237.50	0.016	187.8	0.0648
237.53	0.013	196.5	0.0204	237.53	0.017	188.1	0.0701
237.58	0.016	197	0.0249	237.57	0.02	188.6	0.0763
237.62	0.018	197.2	0.0275	237.60	0.025	189	0.0763
237.63	0.018	197.2	0.0311	237.63	0.026	189	0.0834
237.67	0.019	197.4	0.0346	237.67	0.026	189.4	0.0879
237.70	0.021	197.7	0.0382	237.70	0.028	189.8	0.0941
237.73	0.023	197.9	0.0408	237.73	0.032	190.2	0.0994
237.77	0.024	198.2	0.0435	237.77	0.032	190.5	0.1039
237.80	0.025	198.4	0.0435	237.80	0.034	190.9	0.1083
237.83	0.026	198.6	0.0453	237.83	0.037	191.3	0.1083
237.87	0.026	198.6	0.0479	237.87	0.037	191.5	0.1127
237.90	0.027	198.8	0.0488	237.90	0.037	191.5	0.1145
237.93	0.027	199	0.0506	237.93	0.039	191.8	0.1172
237.97	0.029	199.1	0.0524	237.98	0.04	192.3	0.1189
238.00	0.029	199.3	0.0524	238.02	0.04	192.3	0.1207
238.03	0.029	199.4	0.0524	238.05	0.04	192.5	0.1216
238.07	0.029	199.5	0.0524	238.07	0.04	192.7	0.1216
238.10	0.029	199.5	0.0533	238.10	0.04	192.9	0.1216
238.13	0.029	199.6	0.0533	238.13	0.04	193	0.1216
238.17	0.028	199.7	0.0533	238.17	0.04	193.1	0.1216
238.20	0.028	199.8	0.0524	238.20	0.039	193.2	0.1216
238.23	0.027	199.8	0.0515	238.23	0.037	193.2	0.1207
238.27	0.026	199.8	0.0497	238.27	0.037	193.3	0.1189
238.30	0.024	199.8	0.0497	238.30	0.036	193.3	0.1163
238.33	0.023	199.8	0.0479	238.33	0.033	193.1	0.1127
238.37	0.023	199.8	0.0462	238.37	0.031	193.1	0.111
238.40	0.022	199.7	0.0444	238.40	0.03	193	0.1065
238.43	0.02	199.6	0.0417	238.43	0.026	192.8	0.1065
238.47	0.019	199.5	0.0391	238.47	0.023	192.6	0.1021
238.50	0.017	199.3	0.0355	238.50	0.022	192.6	0.0985
238.53	0.014	199.2	0.0355	238.53	0.022	192.4	0.0932
238.57	0.013	199.2	0.0328	238.57	0.019	192.1	0.0879
238.60	0.013	199.1	0.0302	238.60	0.014	191.8	0.0817
238.63	0.012	198.9	0.0257	238.63	0.013	191.6	0.0763
238.67	0.008	198.7	0.0213	238.67	0.01	191.2	0.0692
238.70	0.007	198.5	0.0186	238.70	0.004	190.8	0.0692
238.73	0.005	198.3	0.0142	238.73	0.003	190.8	0.0612
238.77	0.002	198	0.0142	238.77	0.003	190.5	0.0559
238.80	0.001	198	0.0098	238.80	0.001	190	0.0497
238.83	0.001	197.8	0.0071	238.83	-0.005	189.6	0.0417
238.87	-0.001	197.5	0.0027	238.87	-0.006	189.2	0.0364
238.90	-0.004	197.2	-0.0018	238.90	-0.008	188.8	0.0302
238.93	-0.006	197	-0.0053	238.93	-0.013	188.3	0.0302
238.97	-0.007	196.8	-0.0089	238.97	-0.015	187.9	0.0213
239.02	-0.009	196.5	-0.0124	239.00	-0.015	187.9	0.0169
239.05	-0.01	196.3	-0.0142	239.03	-0.016	187.5	0.0107
239.07	-0.011	196.1	-0.0169	239.07	-0.019	187	0.0053

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
239.10	-0.013	195.8	-0.0169	239.10	-0.022	186.6	0.0009
239.13	-0.014	195.6	-0.0195	239.13	-0.022	186.3	-0.0027
239.17	-0.014	195.6	-0.0213	239.17	-0.024	185.8	-0.0062
239.20	-0.015	195.4	-0.0231	239.20	-0.026	185.5	-0.0062
239.23	-0.016	195.1	-0.0257	239.23	-0.027	185.5	-0.0098
239.27	-0.016	194.9	-0.0266	239.27	-0.027	185.3	-0.0124
239.30	-0.017	194.8	-0.0275	239.30	-0.027	185	-0.0142
239.33	-0.017	194.6	-0.0275	239.33	-0.029	184.7	-0.016
239.37	-0.017	194.5	-0.0284	239.37	-0.029	184.5	-0.0169
239.40	-0.017	194.5	-0.0284	239.40	-0.029	184.3	-0.0178
239.43	-0.017	194.4	-0.0284	239.45	-0.029	184.2	-0.0169
239.47	-0.017	194.3	-0.0284	239.48	-0.028	184.1	-0.0169
239.50	-0.016	194.2	-0.0275	239.50	-0.028	184	-0.016
239.53	-0.016	194.2	-0.0266	239.53	-0.027	184	-0.0151
239.57	-0.015	194.2	-0.0257	239.57	-0.025	184	-0.0151
239.60	-0.014	194.2	-0.0257	239.60	-0.024	184	-0.0133
239.63	-0.014	194.2	-0.0249	239.63	-0.024	184	-0.0115
239.67	-0.013	194.2	-0.0222	239.67	-0.022	184.1	-0.0089
239.70	-0.011	194.3	-0.0213	239.70	-0.019	184.2	-0.0053
239.73	-0.01	194.4	-0.0195	239.73	-0.018	184.3	-0.0027
239.77	-0.009	194.4	-0.0169	239.77	-0.016	184.4	0.0018
239.80	-0.007	194.6	-0.0142	239.80	-0.012	184.7	0.0018
239.83	-0.005	194.7	-0.0142	239.83	-0.01	184.7	0.0062
239.87	-0.003	194.7	-0.0107	239.87	-0.01	184.9	0.0107
239.90	-0.003	194.8	-0.008	239.90	-0.008	185.1	0.0178
239.93	-0.002	195	-0.0044	239.93	-0.003	185.5	0.024
239.97	0.002	195.2	-0.0009	239.97	-0.001	185.8	0.0302
240.00	0.003	195.4	0.0027	240.00	0.001	186.1	0.0364
240.03	0.004	195.7	0.0062	240.03	0.005	186.6	0.0435
240.07	0.008	195.9	0.0062	240.07	0.009	187	0.0435
240.10	0.009	195.9	0.0107	240.10	0.011	187	0.0497
240.13	0.009	196.1	0.0142	240.13	0.011	187.3	0.055
240.17	0.011	196.4	0.0186	240.17	0.014	187.8	0.063
240.20	0.014	196.7	0.0231	240.20	0.019	188.2	0.0692
240.23	0.015	196.9	0.0257	240.23	0.02	188.5	0.0746
240.27	0.017	197.2	0.0302	240.27	0.022	189	0.0808
240.30	0.02	197.4	0.0302	240.30	0.027	189.4	0.0808
240.33	0.021	197.4	0.0346	240.33	0.028	189.4	0.0888
240.37	0.021	197.6	0.0373	240.37	0.028	189.8	0.0932
240.40	0.022	197.9	0.0399	240.40	0.03	190.2	0.0994
240.43	0.024	198.1	0.0426	240.43	0.034	190.6	0.1039
240.48	0.025	198.3	0.0453	240.47	0.034	190.9	0.1074
240.52	0.025	198.5	0.0462	240.50	0.035	191.2	0.111
240.53	0.027	198.7	0.0488	240.53	0.038	191.6	0.111
240.57	0.027	198.8	0.0497	240.57	0.039	191.8	0.1145
240.60	0.028	199	0.0515	240.60	0.039	191.8	0.1163
240.63	0.029	199.2	0.0515	240.63	0.039	192.1	0.1181
240.67	0.029	199.2	0.0524	240.67	0.04	192.3	0.1198
240.70	0.029	199.3	0.0524	240.70	0.04	192.6	0.1207
240.73	0.029	199.4	0.0533	240.73	0.04	192.7	0.1216
240.77	0.029	199.6	0.0533	240.77	0.04	192.9	0.1216
240.80	0.029	199.7	0.0533	240.80	0.04	193	0.1216
240.83	0.028	199.8	0.0524	240.83	0.04	193	0.1216
240.87	0.027	199.8	0.0524	240.88	0.039	193.2	0.1198
240.90	0.026	199.8	0.0515	240.92	0.037	193.3	0.1198
240.93	0.026	199.8	0.0506	240.95	0.036	193.3	0.1181
240.97	0.026	199.8	0.0488	240.97	0.036	193.3	0.1163
241.00	0.024	199.8	0.047	241.00	0.034	193.3	0.1136
241.03	0.023	199.7	0.0453	241.03	0.032	193.1	0.1092
241.07	0.022	199.7	0.0426	241.07	0.029	193	0.1065
241.10	0.019	199.5	0.0426	241.10	0.027	192.9	0.1021
241.13	0.017	199.4	0.0408	241.13	0.025	192.6	0.0976
241.17	0.017	199.4	0.0382	241.17	0.021	192.4	0.0976

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
241.20	0.016	199.3	0.0355	241.20	0.019	192.4	0.0932
241.23	0.014	199.1	0.032	241.23	0.019	192.2	0.0879
241.27	0.011	199	0.0284	241.27	0.017	191.9	0.0826
241.30	0.011	198.8	0.024	241.30	0.011	191.6	0.0754
241.33	0.008	198.5	0.024	241.33	0.01	191.3	0.0701
241.37	0.005	198.4	0.0195	241.37	0.007	190.9	0.063
241.40	0.005	198.4	0.016	241.40	0.002	190.5	0.063
241.43	0.004	198.2	0.0124	241.43	0	190.2	0.055
241.47	0.002	197.9	0.0089	241.47	0	190.2	0.0506
241.50	-0.001	197.7	0.0044	241.50	-0.002	189.8	0.0435
241.53	-0.002	197.5	0.0009	241.53	-0.006	189.2	0.0355
241.57	-0.004	197.2	-0.0027	241.57	-0.009	188.8	0.0293
241.60	-0.007	196.9	-0.0027	241.60	-0.011	188.5	0.0231
241.63	-0.007	196.9	-0.0071	241.63	-0.014	188	0.0169
241.67	-0.007	196.7	-0.0098	241.67	-0.017	187.5	0.0169
241.70	-0.009	196.3	-0.0133	241.70	-0.018	187.5	0.0107
241.73	-0.011	196.1	-0.016	241.73	-0.018	187.2	0.0062
241.77	-0.012	195.9	-0.0186	241.77	-0.02	186.7	0.0009
241.80	-0.013	195.7	-0.0204	241.80	-0.024	186.3	-0.0036
241.83	-0.015	195.4	-0.0204	241.83	-0.024	186	-0.0062
241.87	-0.015	195.4	-0.0231	241.87	-0.026	185.6	-0.0098
241.92	-0.016	195	-0.0249	241.90	-0.027	185.3	-0.0098
241.95	-0.016	194.9	-0.0249	241.93	-0.028	185.3	-0.0124
241.98	-0.017	194.9	-0.0257	241.97	-0.028	185.1	-0.0142
242.00	-0.017	194.7	-0.0275	242.00	-0.028	184.8	-0.016
242.03	-0.017	194.6	-0.0284	242.03	-0.029	184.6	-0.0169
242.07	-0.017	194.4	-0.0284	242.07	-0.029	184.4	-0.0178
242.10	-0.017	194.3	-0.0284	242.10	-0.029	184.3	-0.0178
242.13	-0.017	194.3	-0.0284	242.13	-0.028	184.1	-0.0178
242.17	-0.016	194.2	-0.0284	242.17	-0.027	184.1	-0.0178
242.20	-0.016	194.2	-0.0275	242.20	-0.026	184.1	-0.016
242.23	-0.016	194.2	-0.0266	242.23	-0.026	184	-0.0151
242.27	-0.015	194.2	-0.0257	242.27	-0.025	184	-0.0133
242.30	-0.013	194.2	-0.024	242.30	-0.022	184.1	-0.0107
242.33	-0.012	194.2	-0.0231	242.35	-0.022	184.1	-0.0089
242.37	-0.012	194.3	-0.0204	242.38	-0.021	184.1	-0.0071
242.40	-0.009	194.4	-0.0204	242.40	-0.017	184.3	-0.0027
242.43	-0.008	194.4	-0.0186	242.43	-0.016	184.4	0
242.47	-0.008	194.5	-0.016	242.47	-0.014	184.6	0.0053
242.50	-0.007	194.6	-0.0133	242.50	-0.011	184.9	0.0107
242.53	-0.004	194.7	-0.0098	242.53	-0.007	185.2	0.0107
242.57	-0.002	194.9	-0.0071	242.57	-0.006	185.2	0.016
242.60	-0.001	195	-0.0036	242.60	-0.006	185.4	0.0204
242.63	0.002	195.3	-0.0036	242.63	-0.003	185.8	0.0284
242.67	0.004	195.5	0.0009	242.67	0.003	186.2	0.0364
242.70	0.004	195.5	0.0036	242.70	0.004	186.5	0.0417
242.73	0.005	195.7	0.008	242.73	0.007	186.9	0.0488
242.77	0.009	196	0.0124	242.77	0.012	187.4	0.0488
242.80	0.01	196.2	0.0151	242.80	0.013	187.4	0.0559
242.83	0.012	196.4	0.0195	242.83	0.013	187.7	0.0604
242.87	0.015	196.7	0.0195	242.87	0.016	188.1	0.0683
242.90	0.016	197	0.024	242.90	0.021	188.5	0.0754
242.93	0.016	197	0.0284	242.93	0.023	188.9	0.0799
242.97	0.018	197.2	0.032	242.97	0.025	189.3	0.087
243.00	0.02	197.5	0.0355	243.00	0.028	189.8	0.087
243.03	0.021	197.7	0.0373	243.03	0.031	190.1	0.0923
243.07	0.022	197.9	0.0408	243.07	0.032	190.1	0.0976
243.10	0.024	198.2	0.0408	243.10	0.032	190.5	0.1021
243.13	0.025	198.4	0.0435	243.13	0.033	190.9	0.1065
243.17	0.025	198.4	0.0453	243.17	0.036	191.2	0.1101
243.20	0.026	198.6	0.0479	243.20	0.037	191.5	0.1127
243.23	0.027	198.8	0.0497	243.23	0.038	191.8	0.1163
243.27	0.028	198.9	0.0506	243.27	0.04	192.1	0.1163

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
243.30	0.028	199.1	0.0506	243.30	0.04	192.1	0.1189
243.33	0.028	199.2	0.0506	243.33	0.04	192.3	0.1198
243.38	0.029	199.4	0.0524	243.37	0.04	192.5	0.1216
243.42	0.029	199.5	0.0524	243.40	0.04	192.7	0.1216
243.43	0.029	199.6	0.0533	243.43	0.04	192.9	0.1216
243.47	0.029	199.7	0.0533	243.47	0.04	193	0.1216
243.50	0.028	199.7	0.0524	243.50	0.04	193.2	0.1216
243.53	0.028	199.7	0.0515	243.53	0.038	193.2	0.1216
243.57	0.027	199.8	0.0515	243.57	0.038	193.2	0.1207
243.60	0.026	199.8	0.0497	243.60	0.037	193.3	0.1181
243.63	0.025	199.8	0.0488	243.63	0.035	193.2	0.1154
243.67	0.024	199.7	0.0462	243.67	0.032	193.1	0.1127
243.70	0.022	199.7	0.0462	243.70	0.032	193.1	0.1101
243.73	0.021	199.7	0.0444	243.73	0.03	192.9	0.1065
243.77	0.021	199.6	0.0426	243.77	0.025	192.7	0.1065
243.80	0.02	199.5	0.0391	243.82	0.024	192.6	0.0985
243.83	0.016	199.3	0.0355	243.85	0.023	192.5	0.0959
243.87	0.016	199.2	0.0337	243.87	0.019	192.2	0.0959
243.90	0.014	199	0.0302	243.90	0.017	192	0.0897
243.93	0.01	198.9	0.0302	243.93	0.017	192	0.0852
243.97	0.009	198.9	0.0249	243.97	0.014	191.7	0.0781
244.00	0.009	198.7	0.0222	244.00	0.009	191.3	0.071
244.03	0.008	198.5	0.0186	244.03	0.007	191	0.0648
244.07	0.005	198.3	0.0142	244.07	0.005	190.7	0.0586
244.10	0.003	198.1	0.0115	244.10	0	190.2	0.0506
244.13	0.002	197.8	0.0071	244.13	-0.003	189.8	0.0506
244.17	-0.002	197.5	0.0071	244.17	-0.005	189.8	0.0444
244.20	-0.003	197.5	0.0018	244.20	-0.005	189.4	0.0391
244.23	-0.003	197.3	-0.0009	244.23	-0.007	188.9	0.032
244.27	-0.005	197	-0.0053	244.27	-0.011	188.5	0.0249
244.30	-0.007	196.8	-0.0089	244.30	-0.013	188.1	0.0186
244.33	-0.008	196.5	-0.0115	244.33	-0.015	187.6	0.0133
244.37	-0.01	196.2	-0.0142	244.37	-0.019	187.2	0.0133
244.40	-0.012	196	-0.0142	244.40	-0.02	187.2	0.0071
244.43	-0.013	196	-0.0178	244.43	-0.02	186.8	0.0027
244.47	-0.013	195.8	-0.0204	244.47	-0.022	186.4	-0.0018
244.50	-0.014	195.6	-0.0231	244.50	-0.025	186	-0.0062
244.53	-0.015	195.3	-0.0249	244.53	-0.026	185.7	-0.0089
244.57	-0.016	195.1	-0.0257	244.57	-0.026	185.4	-0.0107
244.60	-0.016	194.9	-0.0275	244.60	-0.028	185.1	-0.0107
244.63	-0.017	194.7	-0.0275	244.63	-0.028	184.9	-0.0142
244.67	-0.017	194.7	-0.0284	244.67	-0.028	184.9	-0.0151
244.70	-0.017	194.6	-0.0293	244.70	-0.029	184.6	-0.0169
244.73	-0.017	194.5	-0.0293	244.73	-0.029	184.4	-0.0169
244.77	-0.017	194.4	-0.0293	244.77	-0.029	184.3	-0.0169
244.82	-0.017	194.3	-0.0293	244.80	-0.028	184.2	-0.0169
244.85	-0.017	194.2	-0.0293	244.83	-0.028	184.1	-0.016
244.88	-0.016	194.1	-0.0284	244.87	-0.026	184.1	-0.016
244.90	-0.015	194.1	-0.0275	244.90	-0.025	184.1	-0.0151
244.93	-0.015	194.1	-0.0257	244.93	-0.025	184	-0.0133
244.97	-0.013	194.2	-0.0257	244.97	-0.024	184.1	-0.0107
245.00	-0.012	194.2	-0.024	245.00	-0.021	184.2	-0.008
245.03	-0.012	194.2	-0.0231	245.03	-0.02	184.2	-0.0053
245.07	-0.011	194.2	-0.0204	245.07	-0.018	184.3	-0.0018
245.10	-0.009	194.4	-0.0186	245.10	-0.014	184.6	-0.0018
245.13	-0.007	194.5	-0.016	245.13	-0.012	184.8	0.0027
245.17	-0.006	194.6	-0.0133	245.17	-0.012	184.8	0.0062
245.20	-0.003	194.8	-0.0133	245.20	-0.01	185	0.0124
245.23	-0.001	194.9	-0.0098	245.25	-0.005	185.5	0.0178
245.27	-0.001	194.9	-0.0062	245.28	-0.003	185.5	0.0213
245.30	0	195	-0.0027	245.32	-0.003	185.7	0.0275
245.33	0.003	195.4	0.0018	245.33	0	186.2	0.0346
245.37	0.005	195.6	0.0044	245.37	0.005	186.5	0.0417

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
245.40	0.006	195.8	0.0089	245.40	0.007	186.8	0.047
245.43	0.009	196.1	0.0089	245.43	0.009	187.3	0.0541
245.47	0.011	196.3	0.0133	245.47	0.015	187.8	0.0541
245.50	0.011	196.3	0.016	245.50	0.016	187.8	0.0621
245.53	0.013	196.5	0.0213	245.53	0.016	188.1	0.0666
245.57	0.015	196.8	0.0249	245.57	0.018	188.5	0.0737
245.60	0.017	197	0.0293	245.60	0.023	189	0.0817
245.63	0.018	197.2	0.032	245.63	0.025	189.3	0.0861
245.67	0.02	197.5	0.0355	245.67	0.027	189.7	0.0923
245.70	0.022	197.8	0.0355	245.70	0.03	190.1	0.0985
245.73	0.023	197.8	0.0382	245.73	0.033	190.5	0.0985
245.77	0.023	197.9	0.0408	245.77	0.033	190.5	0.1021
245.80	0.024	198.2	0.0435	245.80	0.033	190.8	0.1056
245.83	0.026	198.4	0.0453	245.83	0.035	191.2	0.1101
245.87	0.026	198.6	0.047	245.87	0.038	191.5	0.1136
245.90	0.027	198.8	0.0488	245.90	0.038	191.8	0.1154
245.93	0.028	198.9	0.0488	245.93	0.039	192.1	0.1181
245.97	0.029	198.9	0.0506	245.97	0.04	192.3	0.1181
246.00	0.029	199.1	0.0515	246.00	0.04	192.3	0.1207
246.03	0.029	199.2	0.0515	246.03	0.04	192.5	0.1207
246.07	0.028	199.4	0.0515	246.07	0.04	192.7	0.1216
246.10	0.029	199.5	0.0515	246.10	0.04	192.9	0.1225
246.13	0.028	199.6	0.0515	246.13	0.04	193	0.1225
246.17	0.028	199.7	0.0515	246.17	0.04	193.2	0.1216
246.20	0.027	199.7	0.0515	246.20	0.039	193.3	0.1216
246.23	0.027	199.7	0.0506	246.23	0.037	193.3	0.1207
246.28	0.025	199.7	0.0488	246.27	0.037	193.3	0.1189
246.32	0.025	199.7	0.0479	246.30	0.036	193.3	0.1163
246.33	0.025	199.7	0.047	246.33	0.034	193.2	0.1136
246.37	0.024	199.7	0.0444	246.37	0.03	193.1	0.1101
246.40	0.021	199.6	0.0426	246.40	0.03	193	0.1074
246.43	0.02	199.5	0.0399	246.43	0.027	192.8	0.103
246.47	0.019	199.4	0.0373	246.47	0.023	192.6	0.103
246.50	0.015	199.2	0.0373	246.50	0.022	192.6	0.0985
246.53	0.015	199.2	0.0337	246.53	0.022	192.5	0.0941
246.57	0.015	199.1	0.032	246.57	0.02	192.2	0.0879
246.60	0.013	199	0.0284	246.60	0.014	191.9	0.0817
246.63	0.01	198.8	0.0231	246.63	0.013	191.6	0.0763
246.67	0.009	198.6	0.0204	246.67	0.01	191.3	0.0692
246.70	0.007	198.4	0.016	246.72	0.005	190.8	0.0621
246.73	0.003	198.1	0.016	246.75	0.004	190.6	0.0595
246.77	0.002	198.1	0.0115	246.77	0.002	190.3	0.0524
246.80	0.002	197.9	0.0089	246.80	-0.002	189.8	0.0524
246.83	0.001	197.7	0.0053	246.83	-0.006	189.4	0.0453
246.87	-0.002	197.4	0.0009	246.87	-0.007	189.4	0.0391
246.90	-0.004	197.2	-0.0027	246.90	-0.007	189.1	0.0337
246.93	-0.005	196.9	-0.0071	246.93	-0.01	188.5	0.0275
246.97	-0.008	196.6	-0.0071	246.97	-0.014	188.1	0.0195
247.00	-0.009	196.4	-0.0107	247.00	-0.015	187.7	0.0142
247.03	-0.009	196.4	-0.0133	247.03	-0.017	187.3	0.0089
247.07	-0.01	196.2	-0.0169	247.07	-0.021	186.8	0.0089
247.10	-0.012	195.8	-0.0204	247.10	-0.022	186.8	0.0027
247.13	-0.014	195.6	-0.0213	247.13	-0.022	186.5	-0.0009
247.17	-0.014	195.4	-0.024	247.17	-0.023	186.1	-0.0044
247.20	-0.015	195.1	-0.024	247.20	-0.026	185.7	-0.008
247.23	-0.016	194.9	-0.0257	247.23	-0.027	185.4	-0.0107
247.27	-0.016	194.9	-0.0266	247.27	-0.027	185.2	-0.0124
247.30	-0.017	194.8	-0.0275	247.30	-0.028	184.9	-0.0124
247.33	-0.017	194.6	-0.0284	247.33	-0.029	184.7	-0.0142
247.37	-0.017	194.5	-0.0293	247.37	-0.029	184.7	-0.016
247.40	-0.017	194.4	-0.0293	247.40	-0.029	184.5	-0.0169
247.43	-0.017	194.3	-0.0293	247.43	-0.029	184.3	-0.0169
247.47	-0.017	194.2	-0.0293	247.47	-0.028	184.2	-0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
247.50	-0.017	194.2	-0.0293	247.50	-0.028	184.1	-0.016
247.53	-0.016	194.1	-0.0284	247.53	-0.027	184.1	-0.0151
247.57	-0.015	194.1	-0.0275	247.57	-0.025	184.1	-0.0151
247.60	-0.014	194.1	-0.0257	247.60	-0.024	184.1	-0.0133
247.63	-0.014	194.1	-0.0249	247.63	-0.024	184.1	-0.0107
247.67	-0.012	194.2	-0.0231	247.67	-0.023	184.2	-0.008
247.70	-0.01	194.3	-0.0231	247.70	-0.019	184.3	-0.0053
247.75	-0.009	194.3	-0.0195	247.73	-0.018	184.4	-0.0027
247.78	-0.009	194.4	-0.0178	247.77	-0.016	184.6	0.0027
247.80	-0.006	194.5	-0.0178	247.80	-0.012	184.8	0.0027
247.83	-0.005	194.5	-0.0151	247.83	-0.01	185	0.0071
247.87	-0.005	194.6	-0.0115	247.87	-0.01	185	0.0115
247.90	-0.003	194.8	-0.008	247.90	-0.008	185.2	0.0178
247.93	0	195	-0.0044	247.93	-0.004	185.7	0.024
247.97	0.001	195.1	-0.0018	247.97	-0.001	185.9	0.0302
248.00	0.002	195.4	0.0027	248.00	0.001	186.2	0.0373
248.03	0.006	195.7	0.0027	248.03	0.005	186.7	0.0444
248.07	0.007	195.7	0.0062	248.07	0.009	187.1	0.0444
248.10	0.007	195.8	0.0098	248.10	0.011	187.1	0.0506
248.13	0.009	196.1	0.0142	248.15	0.013	187.7	0.0604
248.17	0.013	196.4	0.0186	248.18	0.016	188.1	0.0604
248.20	0.013	196.5	0.0213	248.22	0.018	188.1	0.0657
248.23	0.015	196.8	0.0257	248.23	0.018	188.4	0.0719
248.27	0.019	197.1	0.0257	248.27	0.021	188.9	0.0799
248.30	0.019	197.1	0.0311	248.30	0.026	189.4	0.087
248.33	0.019	197.3	0.0337	248.33	0.027	189.7	0.0905
248.37	0.02	197.5	0.0364	248.37	0.029	190.1	0.0976
248.40	0.023	197.8	0.0399	248.40	0.033	190.5	0.0976
248.43	0.024	198	0.0417	248.43	0.034	190.8	0.103
248.47	0.025	198.2	0.0453	248.47	0.034	190.8	0.1065
248.50	0.027	198.5	0.0453	248.50	0.035	191.2	0.1101
248.53	0.027	198.5	0.047	248.53	0.037	191.5	0.1136
248.57	0.027	198.6	0.0479	248.57	0.039	191.8	0.1172
248.60	0.027	198.8	0.0497	248.60	0.039	192.1	0.1181
248.63	0.028	199	0.0515	248.63	0.039	192.3	0.1198
248.67	0.029	199.1	0.0524	248.67	0.04	192.6	0.1198
248.70	0.029	199.2	0.0515	248.70	0.04	192.6	0.1216
248.73	0.029	199.3	0.0515	248.73	0.04	192.8	0.1225
248.77	0.028	199.4	0.0524	248.77	0.04	192.9	0.1225
248.80	0.028	199.4	0.0524	248.80	0.04	193.1	0.1225
248.83	0.028	199.6	0.0524	248.83	0.04	193.2	0.1225
248.87	0.028	199.6	0.0515	248.87	0.039	193.3	0.1216
248.90	0.027	199.7	0.0506	248.90	0.037	193.3	0.1216
248.93	0.026	199.7	0.0488	248.93	0.035	193.3	0.1198
248.97	0.025	199.6	0.0488	248.97	0.035	193.3	0.1181
249.00	0.023	199.6	0.047	249.00	0.034	193.3	0.1145
249.03	0.023	199.6	0.0453	249.03	0.031	193.2	0.1118
249.07	0.022	199.6	0.0435	249.07	0.029	193.1	0.1083
249.10	0.02	199.4	0.0408	249.10	0.028	193	0.1039
249.13	0.018	199.3	0.0382	249.13	0.025	192.7	0.0994
249.18	0.017	199.2	0.0346	249.17	0.021	192.5	0.0994
249.22	0.016	199.1	0.0337	249.20	0.019	192.5	0.095
249.25	0.014	199	0.0311	249.23	0.019	192.3	0.0897
249.27	0.012	198.8	0.0257	249.27	0.017	192	0.0843
249.30	0.01	198.6	0.0222	249.30	0.012	191.6	0.0772
249.33	0.007	198.4	0.0222	249.33	0.01	191.4	0.0719
249.37	0.007	198.4	0.0186	249.37	0.008	191	0.0639
249.40	0.006	198.2	0.0151	249.40	0.002	190.5	0.0639
249.43	0.004	197.9	0.0115	249.43	0	190.5	0.0568
249.47	0.001	197.7	0.0071	249.47	0	190.2	0.0515
249.50	0	197.5	0.0036	249.50	-0.002	189.8	0.0444
249.53	-0.002	197.2	-0.0009	249.53	-0.007	189.3	0.0373
249.57	-0.005	197	-0.0009	249.57	-0.009	188.9	0.032

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
249.60	-0.006	197	-0.0044	249.62	-0.011	188.6	0.024
249.63	-0.006	196.7	-0.0071	249.65	-0.013	188.1	0.0204
249.67	-0.007	196.5	-0.0107	249.67	-0.016	187.7	0.0151
249.70	-0.01	196.2	-0.0142	249.70	-0.017	187.4	0.0098
249.73	-0.011	196	-0.0169	249.73	-0.019	186.8	0.0044
249.77	-0.012	195.7	-0.0195	249.77	-0.023	186.4	0.0044
249.80	-0.014	195.4	-0.0195	249.80	-0.024	186.4	-0.0009
249.83	-0.015	195.4	-0.0222	249.83	-0.024	186.2	-0.0036
249.87	-0.015	195.2	-0.024	249.87	-0.025	185.8	-0.0071
249.90	-0.015	195	-0.0257	249.90	-0.027	185.5	-0.0107
249.93	-0.016	194.8	-0.0266	249.93	-0.027	185.2	-0.0124
249.97	-0.017	194.7	-0.0275	249.97	-0.028	185	-0.0142
250.00	-0.017	194.5	-0.0293	250.00	-0.029	184.7	-0.0142
250.03	-0.017	194.4	-0.0293	250.03	-0.029	184.5	-0.0151
250.07	-0.017	194.4	-0.0293	250.07	-0.029	184.5	-0.016
250.10	-0.017	194.3	-0.0293	250.10	-0.029	184.4	-0.016
250.13	-0.017	194.2	-0.0293	250.13	-0.028	184.2	-0.016
250.17	-0.017	194.1	-0.0293	250.17	-0.027	184.2	-0.016
250.20	-0.016	194.1	-0.0284	250.20	-0.027	184.1	-0.0142
250.23	-0.015	194	-0.0266	250.23	-0.026	184.1	-0.0124
250.27	-0.014	194.1	-0.0266	250.27	-0.023	184.1	-0.0124
250.30	-0.013	194.1	-0.0257	250.30	-0.023	184.1	-0.0107
250.33	-0.013	194.1	-0.0249	250.33	-0.023	184.1	-0.008
250.37	-0.012	194.1	-0.0222	250.37	-0.021	184.3	-0.0053
250.40	-0.01	194.2	-0.0204	250.40	-0.017	184.4	-0.0018
250.43	-0.008	194.3	-0.0178	250.43	-0.016	184.5	0.0027
250.47	-0.007	194.4	-0.0151	250.47	-0.014	184.8	0.0071
250.50	-0.005	194.6	-0.0151	250.50	-0.009	185	0.0071
250.53	-0.003	194.7	-0.0124	250.53	-0.008	185	0.0124
250.57	-0.003	194.7	-0.0089	250.57	-0.008	185.2	0.0169
250.60	-0.002	194.8	-0.0053	250.60	-0.006	185.5	0.0231
250.65	0.002	195.2	-0.0018	250.63	0	185.9	0.032
250.68	0.002	195.2	0	250.67	0.002	186.2	0.0373
250.70	0.004	195.4	0.0044	250.70	0.004	186.5	0.0435
250.73	0.007	195.7	0.008	250.73	0.008	187.1	0.0506
250.77	0.009	195.9	0.0115	250.77	0.012	187.5	0.0506
250.80	0.01	196.1	0.016	250.80	0.013	187.5	0.0568
250.83	0.013	196.4	0.016	250.83	0.013	187.8	0.0621
250.87	0.015	196.6	0.0195	250.87	0.016	188.2	0.0692
250.90	0.015	196.6	0.0231	250.90	0.021	188.7	0.0763
250.93	0.016	196.8	0.0275	250.93	0.022	189	0.0817
250.97	0.018	197.1	0.032	250.97	0.025	189.5	0.0888
251.00	0.02	197.4	0.0346	251.00	0.029	189.9	0.0888
251.03	0.021	197.6	0.0382	251.05	0.03	190.2	0.0985
251.07	0.023	197.9	0.0382	251.08	0.031	190.5	0.1021
251.10	0.025	198.1	0.0408	251.12	0.034	190.9	0.1021
251.13	0.025	198.1	0.0435	251.13	0.035	190.9	0.1065
251.17	0.025	198.3	0.0453	251.17	0.035	191.2	0.1101
251.20	0.026	198.5	0.0479	251.20	0.036	191.5	0.1136
251.23	0.027	198.7	0.0488	251.23	0.039	191.9	0.1172
251.27	0.028	198.8	0.0497	251.27	0.039	192.1	0.1189
251.30	0.028	199	0.0506	251.30	0.039	192.4	0.1198
251.33	0.029	199.1	0.0506	251.33	0.04	192.6	0.1216
251.37	0.029	199.1	0.0515	251.37	0.04	192.8	0.1216
251.40	0.029	199.3	0.0524	251.40	0.04	192.8	0.1225
251.43	0.029	199.4	0.0524	251.43	0.04	193	0.1225
251.47	0.029	199.5	0.0524	251.47	0.04	193.1	0.1225
251.50	0.028	199.6	0.0515	251.50	0.04	193.3	0.1225
251.53	0.028	199.6	0.0506	251.53	0.039	193.4	0.1216
251.57	0.026	199.6	0.0506	251.57	0.038	193.4	0.1198
251.60	0.025	199.6	0.0497	251.60	0.035	193.3	0.1198
251.63	0.025	199.6	0.0479	251.63	0.034	193.3	0.1172
251.67	0.025	199.6	0.0462	251.67	0.034	193.4	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
251.70	0.023	199.6	0.0444	251.70	0.032	193.3	0.1118
251.73	0.021	199.5	0.0426	251.73	0.029	193.1	0.1083
251.77	0.021	199.4	0.0399	251.77	0.027	193	0.1056
251.80	0.018	199.3	0.0399	251.80	0.025	192.9	0.1003
251.83	0.016	199.3	0.0373	251.83	0.022	192.6	0.1003
251.87	0.016	199.2	0.0346	251.87	0.019	192.4	0.095
251.90	0.015	199	0.0311	251.90	0.019	192.4	0.0905
251.93	0.012	198.8	0.0275	251.93	0.017	192.1	0.0843
251.97	0.01	198.7	0.024	251.97	0.013	191.7	0.0772
252.00	0.009	198.5	0.0195	252.00	0.009	191.4	0.071
252.03	0.005	198.2	0.0195	252.03	0.007	191.1	0.0657
252.08	0.004	198	0.0124	252.07	0.005	190.6	0.0586
252.12	0.003	197.9	0.0098	252.10	-0.001	190.2	0.0586
252.15	0.001	197.6	0.0098	252.13	-0.002	190.2	0.0515
252.17	-0.002	197.4	0.0062	252.17	-0.002	189.9	0.0462
252.20	-0.002	197.4	0.0027	252.20	-0.005	189.4	0.0391
252.23	-0.003	197.2	-0.0018	252.23	-0.01	189	0.0311
252.27	-0.005	196.8	-0.0053	252.27	-0.011	188.6	0.0257
252.30	-0.007	196.6	-0.0089	252.30	-0.013	188.2	0.0186
252.33	-0.008	196.4	-0.0124	252.33	-0.018	187.7	0.0186
252.37	-0.01	196.1	-0.0124	252.37	-0.019	187.3	0.0124
252.40	-0.012	195.8	-0.016	252.40	-0.019	187.3	0.008
252.43	-0.012	195.8	-0.0186	252.43	-0.02	187	0.0036
252.47	-0.012	195.6	-0.0204	252.47	-0.023	186.4	-0.0018
252.50	-0.014	195.3	-0.0231	252.52	-0.025	186.1	-0.0053
252.53	-0.015	195.1	-0.0249	252.55	-0.025	185.9	-0.0071
252.57	-0.016	194.9	-0.0266	252.57	-0.026	185.5	-0.0098
252.60	-0.016	194.7	-0.0275	252.60	-0.028	185.2	-0.0124
252.63	-0.017	194.6	-0.0275	252.63	-0.028	185	-0.0142
252.67	-0.017	194.6	-0.0284	252.67	-0.028	184.7	-0.0151
252.70	-0.017	194.4	-0.0293	252.70	-0.029	184.5	-0.0151
252.73	-0.017	194.3	-0.0293	252.73	-0.029	184.5	-0.0169
252.77	-0.017	194.2	-0.0302	252.77	-0.029	184.4	-0.0169
252.80	-0.017	194.1	-0.0302	252.80	-0.028	184.3	-0.016
252.83	-0.017	194.1	-0.0284	252.83	-0.028	184.2	-0.016
252.87	-0.015	194.1	-0.0284	252.87	-0.027	184.1	-0.0151
252.90	-0.015	194.1	-0.0275	252.90	-0.026	184.1	-0.0133
252.93	-0.015	194	-0.0266	252.93	-0.024	184.1	-0.0133
252.97	-0.014	194	-0.0257	252.97	-0.022	184.2	-0.0107
253.00	-0.012	194.1	-0.024	253.00	-0.022	184.2	-0.0089
253.03	-0.011	194.1	-0.0222	253.03	-0.021	184.2	-0.0062
253.07	-0.011	194.2	-0.0204	253.07	-0.018	184.4	-0.0018
253.10	-0.007	194.3	-0.0204	253.10	-0.015	184.6	0.0009
253.13	-0.007	194.3	-0.0169	253.13	-0.014	184.7	0.0053
253.17	-0.007	194.4	-0.0151	253.17	-0.011	185	0.0107
253.20	-0.005	194.5	-0.0115	253.20	-0.007	185.3	0.0107
253.23	-0.001	194.7	-0.0071	253.23	-0.005	185.3	0.016
253.27	-0.001	194.8	-0.0044	253.27	-0.005	185.5	0.0213
253.30	0.001	195.1	-0.0009	253.30	-0.003	185.9	0.0293
253.33	0.005	195.3	-0.0009	253.33	0.003	186.3	0.0364
253.37	0.005	195.3	0.0027	253.37	0.004	186.5	0.0417
253.40	0.005	195.5	0.0062	253.40	0.007	187.1	0.0488
253.43	0.007	195.8	0.0107	253.43	0.012	187.5	0.0488
253.47	0.011	196	0.0151	253.47	0.014	187.5	0.0568
253.50	0.012	196.2	0.0178	253.50	0.014	187.8	0.0621
253.55	0.013	196.5	0.0222	253.53	0.016	188.1	0.0683
253.58	0.015	196.7	0.024	253.57	0.02	188.6	0.0754
253.60	0.017	196.9	0.0284	253.60	0.023	189	0.0808
253.63	0.018	197.1	0.032	253.63	0.024	189.4	0.087
253.67	0.021	197.4	0.032	253.67	0.028	189.9	0.0941
253.70	0.022	197.6	0.0355	253.70	0.03	190.3	0.0941
253.73	0.022	197.6	0.0382	253.73	0.032	190.3	0.0985
253.77	0.023	197.8	0.0408	253.77	0.032	190.6	0.103

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
253.80	0.025	198.1	0.0435	253.80	0.033	191	0.1074
253.83	0.026	198.3	0.0453	253.83	0.036	191.4	0.1118
253.87	0.026	198.5	0.047	253.87	0.037	191.6	0.1145
253.90	0.027	198.7	0.047	253.90	0.038	192	0.1172
253.93	0.028	198.9	0.0488	253.93	0.04	192.2	0.1172
253.97	0.028	198.9	0.0506	253.98	0.04	192.4	0.1207
254.00	0.029	199	0.0506	254.02	0.04	192.7	0.1216
254.03	0.029	199.1	0.0515	254.03	0.04	192.8	0.1216
254.07	0.029	199.2	0.0515	254.07	0.04	193	0.1225
254.10	0.029	199.3	0.0515	254.10	0.04	193	0.1225
254.13	0.029	199.4	0.0515	254.13	0.04	193.2	0.1225
254.17	0.028	199.5	0.0515	254.17	0.04	193.3	0.1225
254.20	0.028	199.5	0.0515	254.20	0.039	193.4	0.1225
254.23	0.027	199.6	0.0506	254.23	0.038	193.4	0.1198
254.27	0.026	199.6	0.0488	254.27	0.036	193.3	0.1172
254.30	0.025	199.6	0.0479	254.30	0.033	193.3	0.1172
254.33	0.024	199.6	0.0453	254.33	0.032	193.3	0.1145
254.37	0.022	199.4	0.0453	254.37	0.032	193.3	0.1127
254.40	0.021	199.4	0.0435	254.40	0.03	193.2	0.1092
254.43	0.021	199.4	0.0408	254.43	0.026	193	0.1047
254.47	0.02	199.3	0.0391	254.47	0.025	192.9	0.1012
254.50	0.017	199.1	0.0355	254.50	0.023	192.7	0.0959
254.53	0.015	199	0.0328	254.53	0.018	192.4	0.0959
254.57	0.014	198.9	0.0293	254.57	0.017	192.4	0.0905
254.60	0.011	198.7	0.0293	254.60	0.017	192.2	0.0852
254.63	0.009	198.5	0.0249	254.63	0.014	191.9	0.0781
254.67	0.009	198.5	0.0222	254.67	0.009	191.4	0.071
254.70	0.008	198.3	0.0186	254.70	0.007	191.2	0.0657
254.73	0.005	198.1	0.0142	254.73	0.005	190.8	0.0595
254.77	0.003	197.9	0.0098	254.77	0	190.3	0.0515
254.80	0.002	197.7	0.0062	254.80	-0.003	189.9	0.0515
254.83	-0.001	197.3	0.0062	254.83	-0.005	189.9	0.0453
254.87	-0.004	197.1	0.0027	254.87	-0.005	189.6	0.0399
254.90	-0.004	197.1	-0.0018	254.90	-0.007	189.1	0.0328
254.93	-0.004	196.9	-0.0044	254.93	-0.012	188.6	0.0249
254.98	-0.008	196.4	-0.0089	254.97	-0.013	188.3	0.0195
255.02	-0.008	196.4	-0.0107	255.00	-0.015	187.8	0.0142
255.05	-0.009	196.2	-0.0142	255.03	-0.019	187.3	0.0142
255.07	-0.011	195.9	-0.0169	255.07	-0.02	187.3	0.0071
255.10	-0.013	195.6	-0.0195	255.10	-0.02	187	0.0036
255.13	-0.013	195.4	-0.0213	255.13	-0.022	186.6	-0.0018
255.17	-0.014	195.2	-0.024	255.17	-0.025	186.1	-0.0062
255.20	-0.016	194.9	-0.024	255.20	-0.026	185.8	-0.008
255.23	-0.016	194.9	-0.0257	255.23	-0.026	185.6	-0.0115
255.27	-0.016	194.8	-0.0266	255.27	-0.027	185.2	-0.0115
255.30	-0.017	194.6	-0.0284	255.30	-0.029	185	-0.0133
255.33	-0.017	194.4	-0.0293	255.33	-0.029	185	-0.0151
255.37	-0.017	194.3	-0.0293	255.37	-0.029	184.8	-0.016
255.40	-0.017	194.2	-0.0293	255.42	-0.029	184.4	-0.016
255.43	-0.017	194.1	-0.0293	255.45	-0.029	184.4	-0.0169
255.47	-0.017	194.1	-0.0293	255.48	-0.029	184.3	-0.0169
255.50	-0.017	194	-0.0293	255.50	-0.028	184.2	-0.016
255.53	-0.016	194	-0.0284	255.53	-0.027	184.2	-0.0151
255.57	-0.015	193.9	-0.0275	255.57	-0.025	184.1	-0.0142
255.60	-0.015	193.9	-0.0266	255.60	-0.025	184.1	-0.0124
255.63	-0.014	194	-0.0249	255.63	-0.023	184.2	-0.0124
255.67	-0.012	194	-0.0249	255.67	-0.02	184.3	-0.0098
255.70	-0.011	194	-0.0231	255.70	-0.02	184.3	-0.0071
255.73	-0.011	194.1	-0.0213	255.73	-0.019	184.4	-0.0027
255.77	-0.01	194.1	-0.0186	255.77	-0.016	184.6	0.0009
255.80	-0.007	194.3	-0.016	255.80	-0.013	184.8	0.0053
255.83	-0.006	194.4	-0.0133	255.83	-0.012	185	0.0089
255.87	-0.004	194.5	-0.0098	255.87	-0.009	185.3	0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
255.90	-0.001	194.7	-0.0098	255.90	-0.004	185.6	0.0151
255.93	0	194.9	-0.0062	255.93	-0.003	185.6	0.0213
255.97	0	194.9	-0.0036	255.97	-0.003	185.8	0.0275
256.00	0.002	195	0	256.00	0	186.3	0.0346
256.03	0.005	195.4	0.0044	256.03	0.005	186.7	0.0417
256.07	0.007	195.6	0.008	256.07	0.007	187	0.0479
256.10	0.008	195.8	0.0124	256.10	0.01	187.4	0.055
256.13	0.012	196.1	0.0124	256.13	0.015	187.8	0.055
256.17	0.013	196.3	0.0169	256.17	0.016	187.8	0.0612
256.20	0.013	196.3	0.0195	256.20	0.016	188.2	0.0675
256.23	0.014	196.5	0.024	256.23	0.018	188.6	0.0746
256.27	0.017	196.8	0.0284	256.27	0.023	189.1	0.0817
256.30	0.018	197	0.0311	256.30	0.025	189.4	0.0861
256.33	0.02	197.2	0.0355	256.33	0.027	189.8	0.0923
256.37	0.022	197.6	0.0355	256.37	0.03	190.3	0.0985
256.40	0.024	197.8	0.0382	256.40	0.032	190.6	0.0985
256.45	0.024	198	0.0426	256.43	0.033	190.6	0.103
256.48	0.025	198.1	0.0426	256.47	0.033	190.9	0.1065
256.50	0.026	198.4	0.0444	256.50	0.035	191.3	0.1101
256.53	0.026	198.4	0.047	256.53	0.037	191.7	0.1136
256.57	0.027	198.5	0.0488	256.57	0.038	191.9	0.1163
256.60	0.028	198.7	0.0506	256.60	0.039	192.2	0.1189
256.63	0.028	198.9	0.0506	256.63	0.04	192.5	0.1189
256.67	0.029	199	0.0515	256.67	0.04	192.5	0.1207
256.70	0.029	199.2	0.0515	256.70	0.04	192.7	0.1216
256.73	0.029	199.3	0.0515	256.73	0.04	192.9	0.1225
256.77	0.029	199.3	0.0524	256.77	0.04	193	0.1225
256.80	0.029	199.4	0.0524	256.80	0.04	193.2	0.1225
256.83	0.028	199.4	0.0524	256.83	0.04	193.3	0.1225
256.87	0.028	199.5	0.0515	256.88	0.039	193.4	0.1216
256.90	0.027	199.6	0.0497	256.92	0.037	193.4	0.1207
256.93	0.026	199.5	0.0488	256.93	0.037	193.5	0.1181
256.97	0.024	199.5	0.0488	256.97	0.035	193.4	0.1154
257.00	0.024	199.5	0.047	257.00	0.032	193.3	0.1154
257.03	0.024	199.5	0.0453	257.03	0.031	193.3	0.1127
257.07	0.022	199.4	0.0435	257.07	0.031	193.3	0.1092
257.10	0.02	199.3	0.0408	257.10	0.029	193.1	0.1056
257.13	0.019	199.2	0.0391	257.13	0.024	192.9	0.1003
257.17	0.017	199.1	0.0355	257.17	0.023	192.7	0.0968
257.20	0.014	198.9	0.0355	257.20	0.021	192.4	0.0905
257.23	0.013	198.9	0.032	257.23	0.015	192.2	0.0905
257.27	0.013	198.8	0.0293	257.27	0.014	192.2	0.0843
257.30	0.011	198.6	0.0249	257.30	0.014	191.9	0.079
257.33	0.008	198.4	0.0204	257.33	0.012	191.6	0.0728
257.37	0.007	198.2	0.0178	257.37	0.006	191.2	0.0648
257.40	0.005	198	0.0133	257.40	0.005	190.9	0.0604
257.43	0.002	197.7	0.0133	257.43	0.002	190.5	0.0533
257.47	0	197.7	0.0089	257.47	-0.002	189.9	0.0533
257.50	0	197.5	0.0053	257.50	-0.006	189.5	0.0453
257.53	-0.001	197.2	0.0018	257.53	-0.006	189.5	0.0391
257.57	-0.004	197	-0.0018	257.57	-0.007	189.2	0.032
257.60	-0.005	196.8	-0.0053	257.60	-0.01	188.7	0.0249
257.63	-0.007	196.5	-0.0089	257.63	-0.014	188.2	0.0186
257.67	-0.01	196.2	-0.0089	257.67	-0.015	187.9	0.0142
257.70	-0.01	196.2	-0.0133	257.70	-0.017	187.4	0.0089
257.73	-0.01	196	-0.016	257.73	-0.021	187	0.0089
257.77	-0.011	195.7	-0.0186	257.77	-0.022	187	0.0027
257.80	-0.014	195.4	-0.0213	257.80	-0.022	186.6	-0.0009
257.83	-0.014	195.2	-0.0222	257.83	-0.023	186.3	-0.0053
257.87	-0.015	195	-0.0249	257.87	-0.026	185.9	-0.0089
257.92	-0.016	194.8	-0.0266	257.90	-0.027	185.6	-0.0107
257.95	-0.017	194.6	-0.0275	257.93	-0.027	185.3	-0.0133
257.97	-0.017	194.5	-0.0275	257.97	-0.028	185	-0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
258.00	-0.017	194.4	-0.0275	258.00	-0.029	184.8	-0.0151
258.03	-0.017	194.4	-0.0284	258.03	-0.029	184.8	-0.0169
258.07	-0.017	194.2	-0.0293	258.07	-0.029	184.6	-0.0169
258.10	-0.017	194.1	-0.0293	258.10	-0.029	184.5	-0.0169
258.13	-0.017	194	-0.0293	258.13	-0.028	184.4	-0.0169
258.17	-0.016	193.9	-0.0293	258.17	-0.028	184.3	-0.0169
258.20	-0.016	193.9	-0.0284	258.20	-0.027	184.2	-0.0151
258.23	-0.015	193.9	-0.0284	258.23	-0.025	184.2	-0.0151
258.27	-0.014	193.9	-0.0266	258.27	-0.024	184.2	-0.0133
258.30	-0.014	193.9	-0.0257	258.32	-0.023	184.2	-0.0107
258.33	-0.013	193.9	-0.024	258.35	-0.021	184.3	-0.0107
258.37	-0.011	194	-0.0222	258.38	-0.019	184.4	-0.008
258.40	-0.01	194.1	-0.0204	258.40	-0.019	184.4	-0.0044
258.43	-0.009	194.1	-0.0178	258.43	-0.017	184.5	0
258.47	-0.006	194.3	-0.0178	258.47	-0.013	184.8	0.0044
258.50	-0.005	194.4	-0.0151	258.50	-0.011	185	0.0089
258.53	-0.005	194.4	-0.0124	258.53	-0.009	185.2	0.0142
258.57	-0.003	194.5	-0.0089	258.57	-0.006	185.6	0.0204
258.60	-0.001	194.8	-0.0044	258.60	-0.001	185.9	0.0204
258.63	0.001	194.9	-0.0018	258.63	0	185.9	0.0275
258.67	0.002	195.1	0.0018	258.67	0	186.2	0.0328
258.70	0.006	195.4	0.0018	258.70	0.002	186.6	0.0399
258.73	0.008	195.6	0.0062	258.73	0.008	187.1	0.047
258.77	0.008	195.6	0.0098	258.77	0.01	187.4	0.0533
258.80	0.009	195.8	0.0142	258.80	0.012	187.8	0.0604
258.83	0.012	196.1	0.0186	258.83	0.018	188.2	0.0604
258.87	0.014	196.4	0.0213	258.87	0.019	188.2	0.0675
258.90	0.015	196.6	0.0249	258.90	0.019	188.6	0.0728
258.93	0.017	196.9	0.0249	258.93	0.021	189	0.0799
258.97	0.02	197.1	0.0302	258.97	0.025	189.5	0.0861
259.00	0.02	197.1	0.0337	259.00	0.027	189.8	0.0914
259.03	0.02	197.3	0.0364	259.03	0.029	190.2	0.0976
259.07	0.022	197.6	0.0391	259.07	0.032	190.6	0.0976
259.10	0.024	197.8	0.0417	259.10	0.034	191	0.103
259.13	0.025	198	0.0444	259.13	0.034	191	0.1065
259.17	0.026	198.3	0.0444	259.17	0.035	191.3	0.111
259.20	0.027	198.5	0.047	259.20	0.037	191.7	0.1136
259.23	0.027	198.5	0.0479	259.23	0.038	192	0.1163
259.27	0.027	198.6	0.0488	259.27	0.039	192.2	0.1189
259.30	0.028	198.8	0.0506	259.30	0.04	192.5	0.1207
259.35	0.029	198.9	0.0515	259.33	0.04	192.7	0.1207
259.37	0.029	199.1	0.0515	259.37	0.04	192.7	0.1216
259.42	0.029	199.2	0.0524	259.40	0.04	192.9	0.1225
259.43	0.029	199.3	0.0524	259.43	0.04	193	0.1225
259.47	0.029	199.4	0.0524	259.47	0.04	193.2	0.1225
259.50	0.028	199.4	0.0515	259.50	0.04	193.3	0.1225
259.53	0.027	199.5	0.0515	259.53	0.039	193.4	0.1216
259.57	0.026	199.5	0.0506	259.57	0.037	193.4	0.1216
259.60	0.026	199.5	0.0497	259.60	0.035	193.4	0.1189
259.63	0.026	199.5	0.0479	259.63	0.035	193.4	0.1172
259.67	0.024	199.5	0.0462	259.67	0.034	193.4	0.1136
259.70	0.023	199.4	0.0444	259.70	0.032	193.3	0.1118
259.73	0.022	199.3	0.0417	259.73	0.029	193.2	0.1083
259.77	0.019	199.2	0.0417	259.78	0.028	193.1	0.1039
259.80	0.018	199.2	0.0391	259.82	0.026	192.9	0.1012
259.83	0.018	199.1	0.0364	259.83	0.022	192.7	0.0968
259.87	0.017	199	0.0337	259.87	0.021	192.6	0.0923
259.90	0.013	198.8	0.0302	259.90	0.018	192.2	0.0861
259.93	0.012	198.7	0.0275	259.93	0.013	191.9	0.0861
259.97	0.01	198.4	0.0222	259.97	0.011	191.9	0.079
260.00	0.007	198.3	0.0222	260.00	0.011	191.7	0.0737
260.03	0.006	198.3	0.0186	260.03	0.009	191.2	0.0666
260.07	0.006	198.1	0.016	260.07	0.003	190.8	0.0586

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
260.10	0.004	197.8	0.0115	260.10	0.002	190.5	0.0541
260.13	0.001	197.6	0.0071	260.13	-0.001	190.1	0.0462
260.17	0	197.4	0.0036	260.17	-0.006	189.6	0.0462
260.20	-0.002	197.1	-0.0009	260.20	-0.007	189.3	0.0391
260.23	-0.005	196.8	-0.0009	260.23	-0.007	189.3	0.0337
260.27	-0.006	196.8	-0.0044	260.27	-0.009	188.9	0.0275
260.30	-0.006	196.6	-0.0071	260.30	-0.014	188.3	0.0195
260.33	-0.007	196.3	-0.0107	260.33	-0.016	187.9	0.0142
260.37	-0.01	196.1	-0.0151	260.37	-0.017	187.6	0.0089
260.40	-0.011	195.8	-0.0169	260.40	-0.02	187.1	0.0027
260.43	-0.012	195.6	-0.0195	260.43	-0.023	186.6	0.0027
260.47	-0.014	195.3	-0.0195	260.47	-0.023	186.6	-0.0009
260.50	-0.015	195.3	-0.0222	260.50	-0.023	186.3	-0.0044
260.53	-0.015	195.1	-0.024	260.53	-0.025	185.9	-0.008
260.57	-0.015	194.9	-0.0249	260.57	-0.027	185.6	-0.0107
260.60	-0.016	194.7	-0.0266	260.60	-0.027	185.4	-0.0133
260.63	-0.017	194.5	-0.0275	260.63	-0.028	185.1	-0.0151
260.67	-0.017	194.4	-0.0293	260.67	-0.029	184.9	-0.0151
260.70	-0.017	194.3	-0.0293	260.70	-0.029	184.9	-0.0169
260.73	-0.017	194.2	-0.0293	260.73	-0.029	184.7	-0.0178
260.77	-0.017	194.2	-0.0293	260.77	-0.029	184.5	-0.0178
260.82	-0.017	194	-0.0293	260.80	-0.028	184.4	-0.0178
260.85	-0.016	193.9	-0.0293	260.83	-0.028	184.3	-0.0169
260.87	-0.016	193.9	-0.0284	260.87	-0.027	184.2	-0.0151
260.90	-0.016	193.9	-0.0275	260.90	-0.025	184.3	-0.0151
260.93	-0.015	193.9	-0.0257	260.93	-0.024	184.3	-0.0133
260.97	-0.013	193.9	-0.0249	260.97	-0.022	184.3	-0.0115
261.00	-0.013	193.9	-0.024	261.00	-0.022	184.3	-0.0089
261.03	-0.011	194	-0.024	261.03	-0.02	184.4	-0.0062
261.07	-0.009	194.1	-0.0213	261.07	-0.017	184.6	-0.0027
261.10	-0.009	194.1	-0.0195	261.10	-0.016	184.7	0.0009
261.13	-0.008	194.2	-0.0169	261.13	-0.014	185	0.0053
261.17	-0.006	194.3	-0.0133	261.17	-0.009	185.2	0.0053
261.20	-0.004	194.5	-0.0107	261.20	-0.008	185.2	0.0107
261.23	-0.002	194.6	-0.0071	261.25	-0.005	185.6	0.0195
261.27	0	194.8	-0.0071	261.28	-0.003	185.9	0.0195
261.30	0.003	195	-0.0036	261.30	0	185.9	0.024
261.33	0.003	195	0	261.33	0	186.2	0.032
261.37	0.003	195.2	0.0036	261.37	0.002	186.5	0.0391
261.40	0.006	195.5	0.008	261.40	0.007	187.1	0.047
261.43	0.009	195.7	0.0115	261.43	0.01	187.4	0.0524
261.47	0.01	195.9	0.0151	261.47	0.012	187.7	0.0595
261.50	0.012	196.2	0.0195	261.50	0.016	188.3	0.0666
261.53	0.015	196.5	0.0195	261.53	0.019	188.6	0.0666
261.57	0.016	196.5	0.0231	261.57	0.021	188.6	0.0728
261.60	0.016	196.7	0.0275	261.60	0.021	189	0.0781
261.63	0.017	197	0.0311	261.63	0.023	189.5	0.0843
261.67	0.02	197.2	0.0346	261.67	0.028	189.9	0.0905
261.70	0.021	197.4	0.0373	261.70	0.029	190.2	0.0959
261.73	0.022	197.7	0.0399	261.73	0.03	190.7	0.1012
261.77	0.024	197.9	0.0399	261.77	0.035	191	0.1012
261.80	0.025	197.9	0.0435	261.80	0.035	191	0.1065
261.83	0.025	198.1	0.0453	261.83	0.035	191.3	0.1092
261.87	0.026	198.3	0.047	261.87	0.036	191.6	0.1136
261.90	0.028	198.5	0.0497	261.90	0.039	192	0.1172
261.93	0.028	198.7	0.0497	261.93	0.039	192.2	0.1181
261.97	0.028	198.8	0.0506	261.97	0.039	192.5	0.1198
262.00	0.029	199	0.0506	262.00	0.04	192.8	0.1198
262.03	0.029	199	0.0515	262.03	0.04	192.9	0.1216
262.07	0.029	199.1	0.0524	262.07	0.04	192.9	0.1225
262.10	0.029	199.2	0.0524	262.10	0.04	193.1	0.1225
262.13	0.029	199.3	0.0524	262.13	0.04	193.3	0.1225
262.17	0.028	199.4	0.0515	262.17	0.04	193.4	0.1225

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
262.20	0.028	199.4	0.0506	262.20	0.039	193.5	0.1216
262.25	0.026	199.4	0.0497	262.23	0.038	193.5	0.1189
262.28	0.026	199.5	0.0488	262.27	0.035	193.4	0.1189
262.32	0.025	199.4	0.047	262.30	0.034	193.4	0.1163
262.33	0.023	199.4	0.047	262.33	0.034	193.5	0.1154
262.37	0.022	199.4	0.0453	262.37	0.032	193.4	0.1118
262.40	0.022	199.4	0.0444	262.40	0.029	193.2	0.1074
262.43	0.021	199.3	0.0408	262.43	0.027	193.1	0.1047
262.47	0.019	199.2	0.0382	262.47	0.025	193	0.0994
262.50	0.017	199.1	0.0364	262.50	0.022	192.7	0.0994
262.53	0.016	198.9	0.032	262.53	0.019	192.4	0.0941
262.57	0.012	198.7	0.032	262.57	0.017	192.4	0.0897
262.60	0.011	198.7	0.0284	262.60	0.017	192.3	0.0843
262.63	0.011	198.6	0.0249	262.63	0.014	191.8	0.0772
262.67	0.01	198.4	0.0213	262.68	0.008	191.5	0.0701
262.70	0.006	198.2	0.0169	262.72	0.008	191.3	0.0666
262.73	0.005	198	0.0142	262.75	0.006	190.9	0.0604
262.77	0.004	197.8	0.0107	262.77	0	190.5	0.0524
262.80	0	197.5	0.0107	262.80	-0.001	190.2	0.0479
262.83	-0.001	197.3	0.0062	262.83	-0.003	189.7	0.0408
262.87	-0.001	197.3	0.0027	262.87	-0.009	189.2	0.0408
262.90	-0.003	197	-0.0018	262.90	-0.01	188.9	0.0328
262.93	-0.006	196.7	-0.0053	262.93	-0.01	188.9	0.0275
262.97	-0.007	196.5	-0.0089	262.97	-0.012	188.5	0.0204
263.00	-0.008	196.2	-0.0124	263.00	-0.016	188	0.0133
263.03	-0.011	195.9	-0.0124	263.03	-0.018	187.6	0.0089
263.07	-0.012	195.7	-0.016	263.07	-0.019	187.2	0.0036
263.10	-0.012	195.7	-0.0178	263.10	-0.022	186.7	-0.0009
263.13	-0.013	195.5	-0.0195	263.13	-0.024	186.3	-0.0009
263.17	-0.014	195.2	-0.0231	263.17	-0.025	186.3	-0.0053
263.20	-0.015	195	-0.0249	263.20	-0.025	186	-0.008
263.23	-0.015	194.8	-0.0257	263.23	-0.026	185.7	-0.0115
263.27	-0.016	194.6	-0.0257	263.27	-0.028	185.4	-0.0142
263.30	-0.017	194.4	-0.0275	263.30	-0.028	185.2	-0.0151
263.33	-0.017	194.4	-0.0284	263.33	-0.028	184.9	-0.0169
263.37	-0.017	194.3	-0.0284	263.37	-0.029	184.7	-0.0169
263.40	-0.017	194.2	-0.0293	263.40	-0.029	184.6	-0.0178
263.43	-0.017	194.1	-0.0293	263.43	-0.029	184.6	-0.0178
263.47	-0.017	194	-0.0293	263.47	-0.029	184.4	-0.0178
263.50	-0.017	193.9	-0.0293	263.50	-0.028	184.3	-0.0169
263.53	-0.016	193.9	-0.0284	263.53	-0.027	184.3	-0.016
263.57	-0.016	193.9	-0.0284	263.57	-0.026	184.2	-0.0142
263.60	-0.015	193.9	-0.0257	263.60	-0.025	184.3	-0.0124
263.63	-0.014	194	-0.0249	263.63	-0.022	184.3	-0.0124
263.67	-0.012	194	-0.0231	263.67	-0.02	184.3	-0.0107
263.72	-0.011	194	-0.0213	263.70	-0.02	184.4	-0.008
263.75	-0.01	194	-0.0195	263.73	-0.019	184.5	-0.0044
263.77	-0.008	194.1	-0.0178	263.77	-0.015	184.7	0
263.80	-0.007	194.2	-0.016	263.80	-0.014	184.9	0.0036
263.83	-0.006	194.4	-0.0124	263.83	-0.012	185.1	0.0089
263.87	-0.003	194.5	-0.0124	263.87	-0.007	185.4	0.0089
263.90	-0.002	194.5	-0.0089	263.90	-0.005	185.7	0.0151
263.93	-0.002	194.7	-0.0062	263.93	-0.005	185.7	0.0195
263.97	0	194.9	-0.0027	263.97	-0.003	185.9	0.0284
264.00	0.003	195.1	0.0018	264.00	0.001	186.4	0.0355
264.03	0.005	195.3	0.0053	264.03	0.005	186.7	0.0417
264.07	0.006	195.6	0.0098	264.07	0.007	187.1	0.047
264.10	0.01	195.8	0.0098	264.10	0.01	187.6	0.0533
264.13	0.011	195.8	0.0133	264.15	0.015	188	0.0612
264.17	0.011	196	0.0169	264.18	0.015	188.2	0.0648
264.20	0.013	196.3	0.0204	264.20	0.017	188.6	0.071
264.23	0.016	196.5	0.0249	264.23	0.022	189.1	0.071
264.27	0.017	196.8	0.0293	264.27	0.023	189.1	0.0781

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
264.30	0.018	197	0.0328	264.30	0.023	189.4	0.0826
264.33	0.021	197.3	0.0328	264.33	0.025	189.8	0.0888
264.37	0.022	197.3	0.0364	264.37	0.03	190.3	0.0959
264.40	0.022	197.5	0.0391	264.40	0.031	190.6	0.0994
264.43	0.023	197.8	0.0417	264.43	0.033	190.9	0.1047
264.47	0.025	198	0.0444	264.47	0.035	191.3	0.1047
264.50	0.026	198.2	0.0462	264.50	0.037	191.7	0.1092
264.53	0.026	198.4	0.0479	264.53	0.037	191.7	0.1118
264.57	0.028	198.6	0.0479	264.57	0.037	191.9	0.1145
264.60	0.028	198.6	0.0497	264.60	0.038	192.3	0.1172
264.63	0.028	198.7	0.0506	264.63	0.04	192.5	0.1198
264.67	0.028	198.9	0.0515	264.67	0.04	192.7	0.1207
264.70	0.029	199	0.0515	264.70	0.04	192.9	0.1216
264.73	0.029	199.1	0.0524	264.73	0.04	193.1	0.1216
264.77	0.029	199.2	0.0524	264.77	0.04	193.1	0.1216
264.80	0.029	199.3	0.0524	264.80	0.04	193.3	0.1216
264.83	0.028	199.3	0.0524	264.83	0.04	193.4	0.1216
264.87	0.028	199.4	0.0515	264.87	0.039	193.5	0.1216
264.90	0.027	199.4	0.0506	264.90	0.038	193.6	0.1189
264.93	0.026	199.4	0.0488	264.93	0.036	193.5	0.1163
264.97	0.025	199.4	0.0479	264.97	0.034	193.5	0.1163
265.00	0.024	199.4	0.0462	265.00	0.032	193.4	0.1136
265.03	0.022	199.3	0.0462	265.03	0.032	193.4	0.1118
265.07	0.021	199.3	0.0444	265.07	0.031	193.4	0.1074
265.10	0.021	199.3	0.0426	265.10	0.027	193.1	0.1039
265.13	0.02	199.2	0.0391	265.13	0.025	193	0.1003
265.18	0.016	199	0.0355	265.17	0.023	192.9	0.095
265.22	0.016	199	0.0346	265.20	0.019	192.5	0.0897
265.23	0.015	198.9	0.0311	265.23	0.016	192.3	0.0897
265.27	0.012	198.6	0.0275	265.27	0.014	192.3	0.0843
265.30	0.01	198.5	0.024	265.30	0.014	192	0.0781
265.33	0.009	198.3	0.0195	265.33	0.012	191.6	0.071
265.37	0.006	198	0.0195	265.37	0.006	191.2	0.0639
265.40	0.004	197.8	0.0151	265.40	0.005	190.9	0.0586
265.43	0.004	197.8	0.0124	265.43	0.002	190.4	0.0515
265.47	0.002	197.6	0.0089	265.47	-0.004	190	0.0515
265.50	0	197.3	0.0044	265.50	-0.005	190	0.0435
265.53	-0.003	197.1	0.0009	265.53	-0.005	189.7	0.0382
265.57	-0.003	196.9	-0.0027	265.58	-0.01	188.9	0.032
265.60	-0.006	196.6	-0.0027	265.62	-0.012	188.9	0.0275
265.63	-0.008	196.3	-0.0071	265.65	-0.012	188.5	0.0222
265.67	-0.008	196.3	-0.0107	265.67	-0.014	188.1	0.0151
265.70	-0.009	196.1	-0.0133	265.70	-0.018	187.6	0.008
265.73	-0.01	195.8	-0.0169	265.73	-0.02	187.2	0.0036
265.77	-0.013	195.6	-0.0195	265.77	-0.021	186.8	-0.0009
265.80	-0.013	195.3	-0.0222	265.80	-0.024	186.4	-0.0053
265.83	-0.014	195	-0.024	265.83	-0.026	186	-0.0053
265.87	-0.016	194.8	-0.024	265.87	-0.026	186	-0.0089
265.90	-0.016	194.8	-0.0257	265.90	-0.026	185.8	-0.0107
265.93	-0.016	194.7	-0.0266	265.93	-0.027	185.5	-0.0133
265.97	-0.016	194.5	-0.0275	265.97	-0.028	185.2	-0.016
266.00	-0.017	194.4	-0.0284	266.00	-0.028	185	-0.0169
266.03	-0.017	194.2	-0.0293	266.03	-0.029	184.8	-0.0178
266.07	-0.017	194.1	-0.0293	266.07	-0.029	184.6	-0.0178
266.10	-0.017	194	-0.0293	266.10	-0.029	184.6	-0.0186
266.13	-0.017	194	-0.0293	266.13	-0.029	184.4	-0.0186
266.17	-0.017	193.9	-0.0293	266.17	-0.028	184.3	-0.0178
266.20	-0.016	193.9	-0.0284	266.20	-0.027	184.3	-0.0169
266.23	-0.015	193.9	-0.0275	266.23	-0.026	184.3	-0.0151
266.27	-0.015	193.8	-0.0266	266.27	-0.025	184.3	-0.0133
266.30	-0.014	193.9	-0.0249	266.30	-0.022	184.4	-0.0133
266.33	-0.012	193.9	-0.0249	266.33	-0.02	184.4	-0.0107
266.37	-0.01	193.9	-0.0231	266.37	-0.02	184.4	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
266.40	-0.01	194	-0.0213	266.40	-0.019	184.5	-0.0053
266.43	-0.01	194	-0.0186	266.43	-0.016	184.7	-0.0009
266.47	-0.007	194.2	-0.016	266.47	-0.013	184.9	0.0036
266.50	-0.006	194.3	-0.0133	266.50	-0.012	185.1	0.008
266.53	-0.004	194.4	-0.0098	266.53	-0.009	185.4	0.0133
266.57	-0.001	194.6	-0.0098	266.57	-0.004	185.7	0.0133
266.62	0	194.8	-0.0044	266.60	-0.003	185.7	0.0204
266.65	0.001	194.9	-0.0009	266.63	-0.003	186	0.0257
266.67	0.004	195.1	-0.0009	266.67	0	186.4	0.0337
266.70	0.005	195.4	0.0027	266.70	0.005	186.7	0.0408
266.73	0.005	195.4	0.0062	266.73	0.007	187.1	0.0462
266.77	0.007	195.6	0.0107	266.77	0.009	187.5	0.0541
266.80	0.011	195.9	0.0151	266.80	0.015	188	0.0541
266.83	0.012	196.1	0.0178	266.83	0.016	188	0.0612
266.87	0.013	196.3	0.0222	266.87	0.016	188.3	0.0657
266.90	0.016	196.6	0.0222	266.90	0.019	188.7	0.0728
266.93	0.018	196.8	0.0275	266.93	0.023	189.2	0.0799
266.97	0.018	196.8	0.0302	266.97	0.025	189.5	0.0852
267.00	0.019	197.1	0.0337	267.00	0.026	189.9	0.0914
267.03	0.021	197.4	0.0373	267.05	0.03	190.4	0.0976
267.07	0.023	197.6	0.0391	267.08	0.032	190.7	0.1003
267.10	0.023	197.7	0.0417	267.10	0.032	191	0.1039
267.13	0.025	198	0.0417	267.13	0.034	191.4	0.1074
267.17	0.027	198.2	0.0444	267.17	0.037	191.7	0.1074
267.20	0.027	198.2	0.047	267.20	0.038	191.7	0.1118
267.23	0.027	198.4	0.0488	267.23	0.038	192	0.1154
267.27	0.028	198.6	0.0497	267.27	0.039	192.2	0.1181
267.30	0.028	198.8	0.0506	267.30	0.039	192.5	0.1189
267.33	0.029	198.9	0.0515	267.33	0.04	192.8	0.1207
267.37	0.029	199	0.0524	267.37	0.04	193	0.1207
267.40	0.029	199.1	0.0524	267.40	0.04	193.1	0.1207
267.43	0.029	199.1	0.0524	267.43	0.04	193.3	0.1216
267.47	0.029	199.2	0.0524	267.47	0.04	193.3	0.1216
267.50	0.029	199.3	0.0524	267.50	0.04	193.4	0.1216
267.53	0.028	199.4	0.0515	267.53	0.04	193.5	0.1216
267.57	0.027	199.4	0.0497	267.57	0.038	193.6	0.1198
267.60	0.026	199.4	0.0479	267.60	0.036	193.6	0.1181
267.63	0.024	199.4	0.0479	267.63	0.035	193.5	0.1145
267.67	0.023	199.4	0.047	267.67	0.032	193.4	0.1145
267.70	0.023	199.4	0.0453	267.70	0.031	193.4	0.1118
267.73	0.023	199.3	0.0435	267.73	0.031	193.4	0.1092
267.77	0.02	199.2	0.0408	267.77	0.029	193.2	0.1047
267.80	0.019	199.1	0.0382	267.80	0.024	193	0.1003
267.83	0.017	199	0.0346	267.83	0.023	192.9	0.0959
267.87	0.014	198.8	0.0346	267.87	0.021	192.6	0.0905
267.90	0.013	198.8	0.032	267.90	0.015	192.3	0.0905
267.93	0.013	198.7	0.0293	267.93	0.014	192.3	0.0843
267.97	0.011	198.5	0.024	267.97	0.014	192	0.079
268.00	0.007	198.3	0.0204	268.00	0.012	191.7	0.071
268.03	0.007	198.1	0.0169	268.03	0.006	191.2	0.0639
268.08	0.005	197.9	0.0133	268.07	0.004	190.9	0.0586
268.12	0.003	197.7	0.0115	268.10	0.002	190.6	0.0515
268.13	0.002	197.5	0.008	268.13	-0.002	190.1	0.0444
268.17	0	197.3	0.0036	268.17	-0.006	189.7	0.0444
268.20	-0.004	197	0.0036	268.20	-0.007	189.7	0.0382
268.23	-0.005	197	-0.0009	268.23	-0.007	189.3	0.032
268.27	-0.005	196.7	-0.0044	268.27	-0.01	188.8	0.0257
268.30	-0.006	196.5	-0.008	268.30	-0.014	188.4	0.0178
268.33	-0.009	196.2	-0.0115	268.33	-0.015	188	0.0124
268.37	-0.01	196	-0.0142	268.37	-0.017	187.5	0.0071
268.40	-0.011	195.8	-0.0169	268.40	-0.021	187.1	0.0071
268.43	-0.013	195.4	-0.0169	268.43	-0.022	187.1	0.0009
268.47	-0.014	195.2	-0.0204	268.48	-0.023	186.4	-0.0053

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
268.50	-0.014	195.2	-0.0222	268.52	-0.025	186.1	-0.0053
268.53	-0.015	195	-0.024	268.55	-0.026	186.1	-0.008
268.57	-0.016	194.8	-0.0257	268.57	-0.026	185.8	-0.0107
268.60	-0.016	194.6	-0.0275	268.60	-0.027	185.5	-0.0142
268.63	-0.017	194.4	-0.0275	268.63	-0.028	185.2	-0.016
268.67	-0.017	194.3	-0.0275	268.67	-0.029	185	-0.0178
268.70	-0.017	194.2	-0.0293	268.70	-0.029	184.8	-0.0186
268.73	-0.017	194.2	-0.0293	268.73	-0.029	184.6	-0.0195
268.77	-0.017	194	-0.0293	268.77	-0.029	184.5	-0.0195
268.80	-0.017	193.9	-0.0293	268.80	-0.028	184.5	-0.0195
268.83	-0.017	193.9	-0.0293	268.83	-0.028	184.3	-0.0186
268.87	-0.016	193.9	-0.0284	268.87	-0.027	184.3	-0.0178
268.90	-0.015	193.8	-0.0275	268.90	-0.026	184.3	-0.016
268.93	-0.014	193.9	-0.0275	268.93	-0.025	184.3	-0.0142
268.97	-0.013	193.9	-0.0257	268.97	-0.023	184.3	-0.0124
269.00	-0.013	193.8	-0.0249	269.00	-0.02	184.5	-0.0124
269.03	-0.012	193.9	-0.0222	269.03	-0.019	184.5	-0.0089
269.07	-0.01	194	-0.0204	269.07	-0.019	184.5	-0.0062
269.10	-0.009	194.1	-0.0178	269.10	-0.017	184.7	-0.0018
269.13	-0.007	194.2	-0.0151	269.13	-0.013	184.9	0.0027
269.17	-0.004	194.4	-0.0151	269.17	-0.012	185.1	0.0062
269.20	-0.003	194.4	-0.0115	269.20	-0.01	185.3	0.0124
269.23	-0.003	194.5	-0.0089	269.23	-0.005	185.7	0.0124
269.27	-0.002	194.7	-0.0053	269.27	-0.002	186	0.0186
269.30	0.002	194.9	-0.0018	269.30	-0.002	186	0.024
269.33	0.003	195	0.0018	269.33	0	186.3	0.0328
269.37	0.004	195.3	0.0053	269.37	0.005	186.7	0.0399
269.40	0.008	195.6	0.0053	269.40	0.008	187.1	0.0453
269.43	0.009	195.6	0.0098	269.43	0.009	187.4	0.0515
269.47	0.009	195.8	0.0133	269.47	0.013	188	0.0586
269.52	0.013	196.2	0.0169	269.50	0.017	188.3	0.0586
269.55	0.014	196.2	0.0195	269.53	0.019	188.3	0.0657
269.58	0.014	196.4	0.0222	269.57	0.019	188.7	0.071
269.60	0.016	196.7	0.0275	269.60	0.021	189.1	0.0772
269.63	0.019	197	0.032	269.63	0.026	189.6	0.0843
269.67	0.02	197.1	0.0346	269.67	0.027	189.9	0.0897
269.70	0.021	197.4	0.0373	269.70	0.029	190.4	0.095
269.73	0.024	197.6	0.0373	269.73	0.033	190.8	0.095
269.77	0.024	197.6	0.0408	269.77	0.033	190.8	0.1012
269.80	0.024	197.8	0.0426	269.80	0.033	191.1	0.1039
269.83	0.025	198.1	0.0453	269.83	0.035	191.4	0.1083
269.87	0.027	198.3	0.047	269.87	0.037	191.8	0.1127
269.90	0.027	198.5	0.0488	269.90	0.038	192.1	0.1154
269.93	0.028	198.6	0.0497	269.95	0.039	192.3	0.1172
269.97	0.028	198.8	0.0497	269.98	0.039	192.6	0.1189
270.00	0.029	198.8	0.0506	270.00	0.04	192.8	0.1198
270.03	0.029	198.9	0.0515	270.03	0.04	193	0.1207
270.07	0.029	199.1	0.0515	270.07	0.04	193.2	0.1216
270.10	0.029	199.2	0.0515	270.10	0.04	193.3	0.1216
270.13	0.028	199.2	0.0515	270.13	0.04	193.3	0.1216
270.17	0.028	199.3	0.0515	270.17	0.04	193.5	0.1216
270.20	0.028	199.4	0.0515	270.20	0.04	193.6	0.1207
270.23	0.026	199.4	0.0506	270.23	0.038	193.6	0.1189
270.27	0.026	199.4	0.0497	270.27	0.036	193.6	0.1172
270.30	0.026	199.4	0.0479	270.30	0.035	193.6	0.1145
270.33	0.024	199.3	0.0462	270.33	0.032	193.5	0.1145
270.37	0.022	199.3	0.0444	270.37	0.03	193.4	0.111
270.40	0.022	199.3	0.0417	270.40	0.03	193.4	0.1083
270.43	0.02	199.1	0.0417	270.43	0.029	193.3	0.1039
270.47	0.017	199	0.0391	270.47	0.025	193.1	0.0994
270.50	0.017	199	0.0373	270.50	0.022	192.9	0.095
270.53	0.016	198.9	0.0337	270.53	0.021	192.7	0.0905
270.57	0.014	198.7	0.0302	270.57	0.018	192.3	0.0843

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
270.60	0.011	198.6	0.0275	270.60	0.013	192	0.0843
270.63	0.01	198.4	0.0231	270.63	0.011	192	0.0781
270.67	0.008	198.2	0.0195	270.67	0.011	191.8	0.0728
270.70	0.005	198	0.0195	270.70	0.009	191.3	0.0657
270.73	0.004	198	0.0151	270.73	0.003	190.9	0.0577
270.77	0.004	197.8	0.0124	270.77	0.002	190.6	0.0524
270.80	0.002	197.5	0.0089	270.80	0	190.2	0.0462
270.83	-0.001	197.3	0.0044	270.83	-0.006	189.7	0.0462
270.87	-0.002	197.1	0	270.87	-0.007	189.7	0.0373
270.90	-0.004	196.8	-0.0036	270.90	-0.007	189.4	0.0328
270.93	-0.007	196.5	-0.0036	270.93	-0.009	188.9	0.0249
270.98	-0.007	196.3	-0.0098	270.97	-0.014	188.4	0.0178
271.02	-0.008	196.1	-0.0124	271.00	-0.016	188.1	0.0133
271.03	-0.011	195.8	-0.0124	271.03	-0.017	187.7	0.0062
271.07	-0.012	195.8	-0.0151	271.07	-0.02	187.2	0.0009
271.10	-0.012	195.6	-0.0178	271.10	-0.023	186.7	0.0009
271.13	-0.012	195.3	-0.0204	271.13	-0.023	186.7	-0.0027
271.17	-0.015	195	-0.0231	271.17	-0.023	186.4	-0.0062
271.20	-0.015	194.9	-0.0249	271.20	-0.025	186	-0.0107
271.23	-0.016	194.7	-0.0266	271.23	-0.027	185.7	-0.0133
271.27	-0.017	194.5	-0.0266	271.27	-0.027	185.5	-0.0151
271.30	-0.017	194.5	-0.0284	271.30	-0.028	185.2	-0.0169
271.33	-0.017	194.3	-0.0284	271.33	-0.029	185	-0.0169
271.37	-0.017	194.2	-0.0293	271.37	-0.029	185	-0.0178
271.40	-0.017	194.1	-0.0293	271.42	-0.029	184.6	-0.0195
271.43	-0.017	194	-0.0293	271.45	-0.029	184.5	-0.0195
271.47	-0.017	193.9	-0.0293	271.47	-0.028	184.3	-0.0195
271.50	-0.016	193.8	-0.0293	271.50	-0.028	184.3	-0.0195
271.53	-0.016	193.8	-0.0284	271.53	-0.027	184.3	-0.0178
271.57	-0.016	193.8	-0.0284	271.57	-0.026	184.3	-0.016
271.60	-0.015	193.8	-0.0266	271.60	-0.024	184.3	-0.0151
271.63	-0.014	193.8	-0.0257	271.63	-0.023	184.3	-0.0124
271.67	-0.012	193.9	-0.0231	271.67	-0.022	184.4	-0.0098
271.70	-0.011	193.9	-0.0213	271.70	-0.018	184.6	-0.0098
271.73	-0.009	194	-0.0213	271.73	-0.017	184.6	-0.0062
271.77	-0.008	194	-0.0195	271.77	-0.017	184.6	-0.0027
271.80	-0.008	194.1	-0.0169	271.80	-0.015	184.9	0.0018
271.83	-0.007	194.2	-0.0142	271.83	-0.01	185.1	0.0071
271.87	-0.003	194.4	-0.0107	271.87	-0.009	185.3	0.0115
271.90	-0.002	194.5	-0.0089	271.90	-0.007	185.6	0.0178
271.93	-0.001	194.6	-0.0044	271.93	-0.001	186	0.0178
271.97	0.002	194.9	-0.0044	271.97	0	186	0.0249
272.00	0.004	195.1	-0.0009	272.00	0	186.2	0.0311
272.03	0.004	195.1	0.0027	272.03	0.002	186.6	0.0382
272.07	0.005	195.2	0.0071	272.07	0.008	187.1	0.0462
272.10	0.009	195.6	0.0115	272.10	0.01	187.5	0.0506
272.13	0.01	195.8	0.0142	272.13	0.012	187.8	0.0568
272.17	0.012	196	0.0186	272.17	0.016	188.3	0.0568
272.20	0.015	196.3	0.0186	272.20	0.019	188.7	0.0648
272.23	0.016	196.6	0.0231	272.23	0.021	188.7	0.071
272.27	0.016	196.6	0.0257	272.27	0.021	189	0.0772
272.30	0.017	196.8	0.0311	272.30	0.024	189.5	0.0834
272.33	0.02	197.1	0.0346	272.33	0.028	189.9	0.0897
272.37	0.022	197.3	0.0373	272.37	0.029	190.3	0.095
272.42	0.022	197.5	0.0391	272.40	0.031	190.7	0.0994
272.45	0.023	197.7	0.0408	272.43	0.034	191.1	0.0994
272.48	0.025	197.9	0.0435	272.47	0.035	191.1	0.1047
272.50	0.026	198.1	0.0462	272.50	0.035	191.4	0.1083
272.53	0.027	198.3	0.0479	272.53	0.036	191.7	0.1127
272.57	0.028	198.5	0.0479	272.57	0.039	192.1	0.1154
272.60	0.028	198.5	0.0497	272.60	0.039	192.3	0.1172
272.63	0.028	198.7	0.0506	272.63	0.039	192.6	0.1189
272.67	0.029	198.8	0.0515	272.67	0.04	192.8	0.1189

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
272.70	0.029	198.9	0.0515	272.70	0.041	193	0.1198
272.73	0.029	199.1	0.0515	272.73	0.041	193	0.1216
272.77	0.029	199.2	0.0524	272.77	0.04	193.2	0.1216
272.80	0.029	199.3	0.0524	272.80	0.04	193.3	0.1216
272.83	0.028	199.3	0.0524	272.85	0.039	193.4	0.1216
272.87	0.028	199.3	0.0515	272.88	0.039	193.6	0.1207
272.90	0.027	199.3	0.0506	272.92	0.039	193.6	0.1189
272.93	0.025	199.3	0.0488	272.93	0.036	193.6	0.1172
272.97	0.025	199.4	0.0479	272.97	0.035	193.6	0.1145
273.00	0.024	199.3	0.0453	273.00	0.033	193.6	0.1118
273.03	0.022	199.2	0.0453	273.03	0.03	193.4	0.1118
273.07	0.021	199.2	0.0435	273.07	0.029	193.4	0.1083
273.10	0.021	199.2	0.0417	273.10	0.029	193.3	0.1056
273.13	0.02	199.1	0.0391	273.13	0.026	193.2	0.0994
273.17	0.016	198.9	0.0355	273.17	0.022	192.9	0.0941
273.20	0.016	198.9	0.0328	273.20	0.02	192.7	0.0905
273.23	0.014	198.7	0.0293	273.23	0.018	192.5	0.0852
273.27	0.01	198.5	0.0293	273.27	0.014	192.1	0.0781
273.30	0.01	198.5	0.0249	273.30	0.01	191.8	0.0781
273.33	0.01	198.3	0.0222	273.33	0.009	191.8	0.0719
273.37	0.008	198.1	0.0178	273.37	0.009	191.5	0.0666
273.40	0.004	197.9	0.0142	273.40	0.006	191	0.0595
273.43	0.003	197.7	0.0107	273.43	0.001	190.6	0.0515
273.47	0.002	197.4	0.0062	273.47	-0.001	190.3	0.0462
273.50	-0.002	197.1	0.0062	273.50	-0.003	189.8	0.0391
273.53	-0.003	197.1	0.0018	273.53	-0.008	189.4	0.0391
273.57	-0.003	196.9	-0.0009	273.57	-0.01	189	0.032
273.60	-0.004	196.7	-0.0053	273.60	-0.01	189	0.0257
273.63	-0.007	196.4	-0.0089	273.63	-0.012	188.6	0.0186
273.67	-0.009	196.1	-0.0115	273.67	-0.016	188.1	0.0115
273.70	-0.009	195.9	-0.0151	273.70	-0.018	187.7	0.0071
273.73	-0.012	195.6	-0.0151	273.73	-0.019	187.3	0.0027
273.77	-0.013	195.4	-0.0178	273.77	-0.022	186.8	-0.0027
273.80	-0.013	195.4	-0.0204	273.80	-0.024	186.4	-0.0027
273.83	-0.014	195.1	-0.0231	273.83	-0.025	186.4	-0.0062
273.88	-0.016	194.7	-0.0249	273.87	-0.025	186.1	-0.0098
273.92	-0.016	194.7	-0.0257	273.90	-0.026	185.8	-0.0124
273.93	-0.016	194.6	-0.0275	273.93	-0.027	185.5	-0.0151
273.97	-0.016	194.4	-0.0284	273.97	-0.028	185.2	-0.0169
274.00	-0.017	194.2	-0.0293	274.00	-0.028	185	-0.0178
274.03	-0.017	194.1	-0.0293	274.03	-0.029	184.8	-0.0178
274.07	-0.017	194	-0.0302	274.07	-0.029	184.8	-0.0186
274.10	-0.017	193.9	-0.0302	274.10	-0.029	184.6	-0.0195
274.13	-0.017	193.9	-0.0302	274.13	-0.029	184.5	-0.0195
274.17	-0.017	193.8	-0.0293	274.17	-0.028	184.4	-0.0186
274.20	-0.016	193.8	-0.0284	274.20	-0.027	184.4	-0.0178
274.23	-0.015	193.7	-0.0275	274.23	-0.026	184.3	-0.016
274.27	-0.014	193.7	-0.0266	274.27	-0.024	184.4	-0.016
274.30	-0.014	193.8	-0.0249	274.32	-0.022	184.4	-0.0124
274.33	-0.011	193.8	-0.0249	274.35	-0.022	184.4	-0.0098
274.37	-0.011	193.8	-0.0231	274.37	-0.02	184.6	-0.0071
274.40	-0.011	193.8	-0.0213	274.40	-0.016	184.7	-0.0071
274.43	-0.009	194	-0.0186	274.43	-0.015	184.7	-0.0036
274.47	-0.006	194.1	-0.016	274.47	-0.015	184.8	0.0009
274.50	-0.006	194.2	-0.0133	274.50	-0.013	185.1	0.0053
274.53	-0.004	194.3	-0.0098	274.53	-0.008	185.4	0.0107
274.57	-0.001	194.5	-0.0098	274.57	-0.007	185.6	0.016
274.60	0	194.5	-0.0062	274.60	-0.004	185.9	0.0231
274.63	0	194.6	-0.0036	274.63	0.001	186.3	0.0231
274.67	0.002	194.9	0.0009	274.67	0.003	186.6	0.0311
274.70	0.006	195.1	0.0053	274.70	0.003	186.6	0.0364
274.73	0.006	195.3	0.008	274.73	0.005	187	0.0435
274.77	0.008	195.6	0.0124	274.77	0.01	187.5	0.0515

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
274.80	0.012	195.9	0.0124	274.80	0.013	187.8	0.0568
274.83	0.013	195.9	0.0169	274.83	0.015	188.2	0.0639
274.87	0.013	196.1	0.0204	274.87	0.018	188.7	0.071
274.90	0.014	196.4	0.024	274.90	0.022	189.1	0.071
274.93	0.017	196.6	0.0284	274.93	0.023	189.1	0.0772
274.97	0.019	196.8	0.0311	274.97	0.023	189.4	0.0817
275.00	0.02	197.1	0.0346	275.00	0.026	189.9	0.0879
275.03	0.022	197.3	0.0346	275.03	0.03	190.3	0.095
275.07	0.023	197.3	0.0382	275.07	0.031	190.6	0.0994
275.10	0.023	197.5	0.0408	275.10	0.032	191	0.1039
275.13	0.024	197.7	0.0435	275.13	0.036	191.4	0.1039
275.17	0.026	198	0.0453	275.17	0.036	191.4	0.1083
275.20	0.027	198.2	0.047	275.20	0.036	191.7	0.111
275.23	0.027	198.4	0.0488	275.23	0.038	192	0.1145
275.27	0.028	198.5	0.0488	275.27	0.039	192.3	0.1172
275.30	0.029	198.5	0.0506	275.30	0.04	192.5	0.1181
275.35	0.029	198.8	0.0515	275.33	0.04	192.8	0.1198
275.38	0.029	199	0.0515	275.37	0.04	193	0.1198
275.40	0.029	199.1	0.0515	275.40	0.04	193.2	0.1207
275.43	0.029	199.1	0.0515	275.43	0.04	193.2	0.1207
275.47	0.029	199.2	0.0524	275.47	0.04	193.3	0.1207
275.50	0.028	199.2	0.0515	275.50	0.04	193.5	0.1207
275.53	0.028	199.3	0.0515	275.53	0.039	193.6	0.1207
275.57	0.027	199.3	0.0497	275.57	0.038	193.6	0.1189
275.60	0.026	199.3	0.0479	275.60	0.036	193.5	0.1163
275.63	0.024	199.3	0.0479	275.63	0.033	193.5	0.1163
275.67	0.023	199.3	0.0462	275.67	0.032	193.5	0.1136
275.70	0.023	199.3	0.0444	275.70	0.032	193.5	0.111
275.73	0.022	199.2	0.0426	275.75	0.028	193.3	0.1065
275.77	0.02	199.1	0.0399	275.78	0.026	193.3	0.1047
275.80	0.019	199	0.0382	275.82	0.026	193.2	0.1021
275.83	0.017	198.9	0.0346	275.83	0.024	193	0.0968
275.87	0.014	198.7	0.0346	275.87	0.02	192.7	0.0914
275.90	0.013	198.7	0.032	275.90	0.018	192.5	0.0861
275.93	0.013	198.6	0.0293	275.93	0.016	192.3	0.0799
275.97	0.011	198.4	0.0249	275.97	0.011	191.8	0.0719
276.00	0.008	198.2	0.0204	276.00	0.008	191.5	0.0719
276.03	0.007	198	0.0169	276.03	0.006	191.5	0.0666
276.07	0.005	197.8	0.0133	276.07	0.006	191.2	0.0612
276.10	0.002	197.5	0.0133	276.10	0.003	190.7	0.0533
276.13	0.001	197.5	0.0089	276.13	-0.002	190.3	0.0462
276.17	0.001	197.3	0.0053	276.17	-0.003	190	0.0399
276.20	-0.001	197	0.0009	276.20	-0.006	189.4	0.0328
276.23	-0.005	196.7	-0.0036	276.23	-0.011	189	0.0328
276.27	-0.005	196.5	-0.0062	276.27	-0.012	189	0.0249
276.30	-0.007	196.2	-0.0098	276.30	-0.012	188.6	0.0195
276.33	-0.01	196	-0.0098	276.33	-0.014	188.2	0.0124
276.37	-0.01	196	-0.0133	276.37	-0.019	187.7	0.0062
276.40	-0.01	195.8	-0.016	276.40	-0.02	187.3	0.0027
276.43	-0.012	195.5	-0.0186	276.43	-0.021	187	-0.0027
276.47	-0.014	195.2	-0.0213	276.47	-0.024	186.5	-0.0027
276.50	-0.014	195	-0.0231	276.50	-0.025	186.2	-0.0071
276.53	-0.015	194.8	-0.0257	276.53	-0.025	186.2	-0.0089
276.57	-0.016	194.6	-0.0257	276.57	-0.026	185.9	-0.0124
276.60	-0.017	194.6	-0.0266	276.60	-0.027	185.5	-0.016
276.63	-0.017	194.4	-0.0275	276.63	-0.028	185.2	-0.0178
276.67	-0.017	194.3	-0.0284	276.67	-0.028	185	-0.0186
276.70	-0.017	194.1	-0.0293	276.70	-0.029	184.8	-0.0195
276.73	-0.017	194	-0.0293	276.73	-0.029	184.6	-0.0195
276.78	-0.017	193.9	-0.0293	276.77	-0.028	184.6	-0.0195
276.82	-0.017	193.8	-0.0293	276.80	-0.028	184.5	-0.0195
276.85	-0.017	193.8	-0.0293	276.83	-0.028	184.4	-0.0195
276.87	-0.016	193.7	-0.0284	276.87	-0.027	184.4	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
276.90	-0.015	193.7	-0.0284	276.90	-0.026	184.3	-0.0169
276.93	-0.014	193.7	-0.0266	276.93	-0.025	184.3	-0.0142
276.97	-0.014	193.7	-0.0257	276.97	-0.022	184.5	-0.0142
277.00	-0.013	193.7	-0.024	277.00	-0.021	184.5	-0.0115
277.03	-0.011	193.8	-0.0222	277.03	-0.021	184.5	-0.0098
277.07	-0.01	193.9	-0.0204	277.07	-0.019	184.6	-0.0053
277.10	-0.009	193.9	-0.0178	277.10	-0.016	184.8	-0.0018
277.13	-0.006	194.1	-0.0178	277.13	-0.013	185	0.0018
277.17	-0.005	194.2	-0.0151	277.17	-0.011	185.1	0.0071
277.20	-0.005	194.2	-0.0124	277.22	-0.009	185.5	0.0124
277.23	-0.004	194.3	-0.0089	277.25	-0.006	185.6	0.0151
277.27	-0.001	194.6	-0.0053	277.27	-0.004	185.9	0.0213
277.30	0.001	194.7	-0.0018	277.30	-0.002	186.3	0.0284
277.33	0.003	194.9	0.0027	277.33	0.004	186.6	0.0284
277.37	0.005	195.2	0.0027	277.37	0.005	186.6	0.0364
277.40	0.008	195.4	0.0062	277.40	0.005	187	0.0417
277.43	0.008	195.4	0.0098	277.43	0.008	187.4	0.0497
277.47	0.009	195.6	0.0133	277.47	0.013	187.9	0.0568
277.50	0.011	195.9	0.0178	277.50	0.015	188.2	0.0621
277.53	0.014	196.2	0.0222	277.53	0.017	188.6	0.0692
277.57	0.015	196.4	0.0257	277.57	0.022	189.1	0.0692
277.60	0.017	196.7	0.0302	277.60	0.024	189.4	0.0763
277.63	0.02	196.9	0.0302	277.63	0.024	189.4	0.0817
277.67	0.02	196.9	0.0337	277.67	0.026	189.8	0.0879
277.70	0.021	197.1	0.0364	277.70	0.029	190.3	0.0941
277.73	0.022	197.4	0.0391	277.73	0.032	190.7	0.0994
277.77	0.024	197.6	0.0417	277.77	0.033	191	0.103
277.80	0.025	197.8	0.0444	277.80	0.034	191.4	0.1074
277.83	0.026	198.1	0.0462	277.83	0.037	191.7	0.1074
277.87	0.027	198.2	0.0462	277.87	0.037	191.7	0.111
277.90	0.027	198.2	0.0479	277.90	0.037	192	0.1136
277.93	0.027	198.4	0.0488	277.93	0.038	192.3	0.1163
277.97	0.028	198.6	0.0506	277.97	0.04	192.6	0.1189
278.00	0.029	198.7	0.0515	278.00	0.04	192.8	0.1198
278.03	0.029	198.9	0.0524	278.03	0.04	193	0.1207
278.07	0.029	199	0.0524	278.07	0.04	193.2	0.1207
278.10	0.029	199.1	0.0524	278.10	0.04	193.3	0.1207
278.13	0.029	199.1	0.0524	278.13	0.04	193.3	0.1207
278.17	0.029	199.2	0.0515	278.17	0.04	193.5	0.1207
278.20	0.028	199.2	0.0506	278.20	0.039	193.6	0.1207
278.25	0.026	199.3	0.0506	278.23	0.037	193.6	0.1189
278.28	0.026	199.3	0.0497	278.27	0.037	193.6	0.1172
278.30	0.026	199.3	0.0479	278.30	0.035	193.6	0.1145
278.33	0.024	199.2	0.0462	278.33	0.031	193.5	0.1145
278.37	0.023	199.2	0.0444	278.37	0.03	193.5	0.111
278.40	0.022	199.2	0.0417	278.40	0.03	193.5	0.1074
278.43	0.019	199	0.0417	278.43	0.029	193.3	0.1039
278.47	0.018	199	0.0399	278.47	0.024	193.1	0.0985
278.50	0.018	199	0.0373	278.50	0.023	192.9	0.095
278.53	0.016	198.8	0.0337	278.53	0.021	192.7	0.0897
278.57	0.014	198.6	0.0311	278.57	0.016	192.4	0.0897
278.60	0.012	198.5	0.0275	278.60	0.014	192.1	0.0834
278.63	0.01	198.3	0.0222	278.63	0.014	192.1	0.0781
278.67	0.007	198	0.0222	278.68	0.009	191.5	0.0675
278.70	0.006	197.9	0.0186	278.72	0.005	191.2	0.0675
278.73	0.006	197.9	0.016	278.73	0.003	191.2	0.0612
278.77	0.005	197.7	0.0115	278.77	0.003	190.8	0.0541
278.80	0.001	197.4	0.0071	278.80	0.001	190.3	0.047
278.83	-0.001	197.2	0.0036	278.83	-0.005	189.9	0.0399
278.87	-0.002	197	0	278.87	-0.006	189.6	0.0346
278.90	-0.005	196.6	0	278.90	-0.008	189.1	0.0275
278.93	-0.006	196.4	-0.0036	278.93	-0.013	188.6	0.0275
278.97	-0.006	196.4	-0.0071	278.97	-0.014	188.6	0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
279.00	-0.007	196.2	-0.0107	279.00	-0.014	188.3	0.0151
279.03	-0.01	195.8	-0.0142	279.03	-0.016	187.9	0.0089
279.07	-0.011	195.6	-0.0169	279.07	-0.02	187.4	0.0027
279.10	-0.012	195.4	-0.0195	279.10	-0.021	187	-0.0009
279.13	-0.014	195.1	-0.0195	279.13	-0.022	186.6	-0.0053
279.17	-0.015	194.9	-0.0222	279.17	-0.025	186.2	-0.0053
279.20	-0.015	194.9	-0.024	279.20	-0.026	185.9	-0.0098
279.23	-0.015	194.7	-0.0249	279.23	-0.026	185.9	-0.0124
279.27	-0.016	194.5	-0.0266	279.27	-0.027	185.6	-0.0151
279.30	-0.017	194.3	-0.0284	279.30	-0.028	185.3	-0.0169
279.33	-0.017	194.2	-0.0284	279.33	-0.029	185.1	-0.0186
279.37	-0.017	194	-0.0293	279.37	-0.029	184.9	-0.0195
279.40	-0.017	193.9	-0.0293	279.40	-0.029	184.7	-0.0195
279.43	-0.017	193.9	-0.0293	279.43	-0.028	184.6	-0.0195
279.47	-0.017	193.8	-0.0293	279.47	-0.028	184.6	-0.0195
279.50	-0.017	193.8	-0.0293	279.50	-0.028	184.5	-0.0195
279.53	-0.016	193.7	-0.0284	279.53	-0.027	184.4	-0.0186
279.57	-0.015	193.7	-0.0275	279.57	-0.026	184.4	-0.0169
279.60	-0.014	193.7	-0.0257	279.60	-0.025	184.4	-0.0151
279.63	-0.013	193.7	-0.0257	279.63	-0.023	184.4	-0.0124
279.68	-0.012	193.7	-0.0231	279.67	-0.021	184.5	-0.0098
279.72	-0.011	193.8	-0.0213	279.70	-0.018	184.6	-0.0098
279.75	-0.009	193.9	-0.0213	279.73	-0.017	184.6	-0.0071
279.77	-0.008	193.9	-0.0195	279.77	-0.017	184.7	-0.0036
279.80	-0.008	193.9	-0.0169	279.80	-0.015	185	0.0009
279.83	-0.007	194.1	-0.0142	279.83	-0.011	185.2	0.0062
279.87	-0.003	194.3	-0.0107	279.87	-0.009	185.4	0.0107
279.90	-0.002	194.4	-0.008	279.90	-0.007	185.7	0.0169
279.93	-0.001	194.6	-0.0044	279.93	-0.001	186.1	0.0169
279.97	0.003	194.8	-0.0044	279.97	0	186.1	0.024
280.00	0.004	194.8	0	280.00	0	186.3	0.0302
280.03	0.004	194.9	0.0027	280.03	0.002	186.7	0.0382
280.07	0.005	195.2	0.0071	280.07	0.008	187.2	0.0453
280.10	0.009	195.5	0.0115	280.12	0.01	187.6	0.0506
280.13	0.01	195.7	0.0142	280.15	0.011	187.8	0.0541
280.17	0.012	195.9	0.0186	280.17	0.015	188.2	0.0612
280.20	0.015	196.2	0.0186	280.20	0.018	188.6	0.0675
280.23	0.016	196.2	0.0231	280.23	0.02	189	0.0737
280.27	0.016	196.4	0.0275	280.27	0.023	189.5	0.0808
280.30	0.017	196.7	0.0311	280.30	0.027	189.9	0.0808
280.33	0.02	197	0.0346	280.33	0.028	189.9	0.087
280.37	0.021	197.2	0.0373	280.37	0.028	190.2	0.0923
280.40	0.022	197.4	0.0399	280.40	0.03	190.6	0.0976
280.43	0.024	197.6	0.0399	280.43	0.034	191	0.103
280.47	0.025	197.6	0.0435	280.47	0.034	191.3	0.1056
280.50	0.025	197.8	0.0453	280.50	0.035	191.7	0.1101
280.53	0.026	198.1	0.047	280.53	0.038	192	0.1101
280.57	0.027	198.3	0.0488	280.57	0.038	192.3	0.1136
280.60	0.028	198.4	0.0497	280.60	0.038	192.3	0.1154
280.63	0.028	198.6	0.0506	280.63	0.039	192.5	0.1172
280.67	0.029	198.7	0.0506	280.67	0.04	192.8	0.1189
280.70	0.029	198.9	0.0515	280.70	0.04	193	0.1198
280.73	0.029	198.9	0.0515	280.73	0.04	193.2	0.1207
280.77	0.029	199	0.0524	280.77	0.04	193.3	0.1207
280.80	0.029	199.1	0.0524	280.80	0.04	193.5	0.1207
280.83	0.028	199.2	0.0515	280.83	0.039	193.5	0.1207
280.87	0.027	199.2	0.0506	280.87	0.039	193.6	0.1198
280.90	0.026	199.2	0.0506	280.90	0.038	193.6	0.1181
280.93	0.025	199.2	0.0497	280.93	0.036	193.6	0.1163
280.97	0.025	199.2	0.0488	280.97	0.035	193.6	0.1145
281.00	0.025	199.2	0.0462	281.00	0.033	193.6	0.1118
281.03	0.023	199.1	0.0444	281.03	0.03	193.4	0.1118
281.07	0.021	199.1	0.0426	281.07	0.028	193.3	0.1074

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
281.10	0.02	199	0.0399	281.10	0.028	193.3	0.1047
281.15	0.019	198.9	0.0382	281.13	0.027	193.2	0.0994
281.18	0.017	198.8	0.0364	281.17	0.022	192.9	0.0941
281.20	0.016	198.7	0.0328	281.20	0.02	192.7	0.0905
281.23	0.014	198.5	0.0293	281.23	0.018	192.5	0.0834
281.27	0.01	198.3	0.0293	281.27	0.014	192.1	0.0772
281.30	0.01	198.3	0.0249	281.30	0.011	191.8	0.0772
281.33	0.01	198.2	0.0222	281.33	0.009	191.8	0.0719
281.37	0.008	197.9	0.0178	281.37	0.009	191.5	0.0657
281.40	0.004	197.7	0.0142	281.40	0.006	191	0.0586
281.43	0.004	197.6	0.0107	281.43	0.001	190.6	0.0506
281.47	0.001	197.3	0.0062	281.47	-0.001	190.3	0.0453
281.50	-0.002	197	0.0062	281.50	-0.003	189.8	0.0382
281.53	-0.003	197	0.0018	281.53	-0.009	189.4	0.0382
281.57	-0.003	196.8	-0.0018	281.58	-0.01	189	0.0257
281.60	-0.004	196.5	-0.0044	281.62	-0.011	188.7	0.0213
281.63	-0.007	196.2	-0.0089	281.63	-0.014	188.3	0.0213
281.67	-0.008	196	-0.0115	281.67	-0.016	187.9	0.0151
281.70	-0.01	195.7	-0.0151	281.70	-0.016	187.9	0.0098
281.73	-0.012	195.4	-0.0151	281.73	-0.018	187.5	0.0027
281.77	-0.013	195.4	-0.0186	281.77	-0.022	187	-0.0027
281.80	-0.013	195.2	-0.0204	281.80	-0.023	186.6	-0.0053
281.83	-0.014	195	-0.0231	281.83	-0.024	186.3	-0.0089
281.87	-0.015	194.8	-0.0249	281.87	-0.026	185.9	-0.0124
281.90	-0.016	194.6	-0.0257	281.90	-0.027	185.6	-0.0124
281.93	-0.016	194.4	-0.0266	281.93	-0.028	185.6	-0.0151
281.97	-0.017	194.2	-0.0266	281.97	-0.028	185.4	-0.0169
282.00	-0.017	194.2	-0.0284	282.00	-0.028	185.1	-0.0186
282.03	-0.017	194.1	-0.0293	282.03	-0.029	184.9	-0.0195
282.07	-0.017	194	-0.0293	282.07	-0.029	184.7	-0.0204
282.10	-0.017	193.9	-0.0302	282.10	-0.029	184.6	-0.0204
282.13	-0.017	193.8	-0.0293	282.13	-0.028	184.5	-0.0204
282.17	-0.017	193.7	-0.0284	282.17	-0.027	184.5	-0.0195
282.20	-0.016	193.7	-0.0284	282.20	-0.027	184.4	-0.0195
282.23	-0.015	193.7	-0.0275	282.23	-0.026	184.3	-0.0178
282.27	-0.015	193.7	-0.0266	282.27	-0.024	184.4	-0.0151
282.30	-0.014	193.7	-0.0249	282.30	-0.023	184.4	-0.0133
282.33	-0.012	193.7	-0.0231	282.33	-0.022	184.4	-0.0107
282.37	-0.011	193.7	-0.0222	282.37	-0.019	184.6	-0.0071
282.40	-0.01	193.8	-0.0195	282.40	-0.016	184.8	-0.0071
282.43	-0.008	194	-0.0195	282.43	-0.015	184.8	-0.0036
282.47	-0.006	194	-0.0169	282.47	-0.015	184.8	0
282.50	-0.006	194	-0.0151	282.50	-0.013	185.1	0.0053
282.53	-0.005	194.2	-0.0107	282.53	-0.008	185.4	0.0107
282.57	-0.002	194.4	-0.0071	282.57	-0.006	185.6	0.0151
282.62	0	194.5	-0.0044	282.60	-0.004	185.9	0.0204
282.65	0	194.6	-0.0027	282.63	-0.002	186.3	0.0284
282.67	0.003	194.9	0.0009	282.67	0.004	186.7	0.0284
282.70	0.005	195.1	0.0044	282.70	0.006	186.7	0.0364
282.73	0.006	195.2	0.0089	282.73	0.006	187	0.0417
282.77	0.009	195.6	0.0089	282.77	0.007	187.4	0.0479
282.80	0.011	195.8	0.0133	282.80	0.013	187.9	0.0568
282.83	0.011	195.8	0.0169	282.83	0.016	188.2	0.0621
282.87	0.013	196	0.0204	282.87	0.017	188.6	0.0675
282.90	0.015	196.3	0.0249	282.90	0.02	189	0.0746
282.93	0.017	196.6	0.0293	282.93	0.024	189.5	0.0746
282.97	0.018	196.8	0.032	282.97	0.026	189.8	0.0817
283.00	0.02	197	0.0355	283.02	0.028	190.2	0.0897
283.03	0.022	197.3	0.0355	283.05	0.029	190.5	0.0941
283.07	0.023	197.3	0.0391	283.08	0.032	190.9	0.0941
283.10	0.023	197.5	0.0408	283.12	0.033	190.9	0.0994
283.13	0.024	197.7	0.0435	283.15	0.033	191.2	0.1039
283.17	0.026	197.9	0.0462	283.17	0.035	191.6	0.1083

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
283.20	0.026	198.1	0.047	283.20	0.037	191.9	0.1118
283.23	0.027	198.3	0.0488	283.23	0.038	192.2	0.1145
283.27	0.028	198.5	0.0488	283.27	0.038	192.5	0.1163
283.30	0.028	198.5	0.0506	283.30	0.04	192.7	0.1163
283.33	0.028	198.6	0.0506	283.33	0.04	193	0.1181
283.37	0.028	198.7	0.0515	283.37	0.04	193	0.1198
283.40	0.029	198.9	0.0524	283.40	0.04	193.1	0.1198
283.43	0.029	199	0.0524	283.43	0.04	193.3	0.1207
283.47	0.029	199.1	0.0524	283.47	0.04	193.5	0.1207
283.50	0.028	199.2	0.0524	283.50	0.04	193.6	0.1207
283.53	0.027	199.2	0.0515	283.53	0.039	193.6	0.1189
283.57	0.027	199.2	0.0506	283.57	0.037	193.7	0.1189
283.60	0.027	199.2	0.0497	283.60	0.036	193.7	0.1172
283.63	0.025	199.2	0.0479	283.63	0.036	193.7	0.1154
283.67	0.024	199.2	0.0462	283.67	0.034	193.6	0.1118
283.70	0.023	199.1	0.0444	283.70	0.031	193.5	0.1092
283.73	0.021	199	0.0444	283.73	0.029	193.4	0.1056
283.77	0.019	199	0.0417	283.77	0.028	193.2	0.1021
283.80	0.019	199	0.0399	283.80	0.023	193.1	0.1021
283.83	0.018	198.8	0.0364	283.83	0.022	193.1	0.0968
283.87	0.015	198.7	0.0328	283.87	0.022	192.9	0.0923
283.90	0.014	198.6	0.0311	283.90	0.019	192.6	0.0861
283.93	0.012	198.4	0.0257	283.93	0.014	192.3	0.0799
283.97	0.009	198.2	0.0257	283.97	0.013	192	0.0746
284.00	0.008	198.2	0.0222	284.00	0.01	191.6	0.0675
284.05	0.006	197.8	0.0169	284.03	0.004	191.2	0.0675
284.08	0.004	197.6	0.0169	284.07	0.003	191.2	0.0595
284.10	0.003	197.6	0.0142	284.10	0.003	190.9	0.055
284.13	0.003	197.4	0.0098	284.13	0.001	190.5	0.0479
284.17	0.001	197.2	0.0044	284.17	-0.004	190	0.0399
284.20	-0.003	196.9	0	284.20	-0.006	189.7	0.0346
284.23	-0.004	196.7	-0.0027	284.23	-0.008	189.2	0.0275
284.27	-0.005	196.4	-0.0062	284.27	-0.013	188.7	0.0275
284.30	-0.008	196.1	-0.0062	284.30	-0.015	188.3	0.0186
284.33	-0.009	195.9	-0.0098	284.33	-0.015	188.3	0.0142
284.37	-0.009	195.9	-0.0133	284.37	-0.016	187.9	0.008
284.40	-0.01	195.7	-0.016	284.40	-0.019	187.4	0.0027
284.43	-0.012	195.3	-0.0195	284.43	-0.022	187	-0.0027
284.47	-0.014	195.1	-0.0213	284.48	-0.023	186.7	-0.0062
284.50	-0.014	194.9	-0.0231	284.52	-0.023	186.3	-0.008
284.53	-0.015	194.7	-0.0231	284.55	-0.026	186	-0.0115
284.57	-0.016	194.5	-0.0249	284.58	-0.026	185.7	-0.0133
284.60	-0.016	194.5	-0.0266	284.60	-0.027	185.4	-0.0169
284.63	-0.016	194.3	-0.0275	284.63	-0.029	185.1	-0.0169
284.67	-0.017	194.1	-0.0284	284.67	-0.029	185.1	-0.0186
284.70	-0.017	194	-0.0293	284.70	-0.029	185	-0.0195
284.73	-0.017	193.9	-0.0293	284.73	-0.029	184.8	-0.0195
284.77	-0.017	193.8	-0.0293	284.77	-0.029	184.6	-0.0204
284.80	-0.017	193.7	-0.0293	284.80	-0.028	184.5	-0.0204
284.83	-0.017	193.7	-0.0293	284.83	-0.028	184.4	-0.0186
284.87	-0.016	193.7	-0.0284	284.87	-0.026	184.4	-0.0186
284.90	-0.015	193.7	-0.0266	284.90	-0.025	184.4	-0.0178
284.93	-0.014	193.6	-0.0257	284.93	-0.024	184.4	-0.0169
284.97	-0.014	193.6	-0.0249	284.97	-0.024	184.4	-0.0151
285.00	-0.012	193.7	-0.0249	285.00	-0.023	184.5	-0.0124
285.03	-0.01	193.8	-0.0231	285.03	-0.019	184.6	-0.0089
285.07	-0.01	193.8	-0.0213	285.07	-0.018	184.7	-0.0062
285.10	-0.01	193.8	-0.0186	285.10	-0.016	184.9	-0.0009
285.13	-0.007	194	-0.0151	285.13	-0.012	185.1	-0.0009
285.17	-0.005	194.1	-0.0133	285.17	-0.01	185.1	0.0036
285.20	-0.004	194.2	-0.0098	285.20	-0.01	185.3	0.008
285.23	-0.002	194.4	-0.0098	285.23	-0.008	185.6	0.0142
285.27	0.001	194.6	-0.0062	285.27	-0.003	186	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
285.30	0.001	194.6	-0.0027	285.30	-0.001	186.2	0.0275
285.33	0.002	194.7	0.0009	285.33	0.001	186.6	0.0346
285.37	0.004	195	0.0044	285.37	0.007	187.1	0.0346
285.40	0.007	195.2	0.008	285.40	0.009	187.1	0.0417
285.43	0.008	195.4	0.0124	285.43	0.009	187.4	0.0479
285.47	0.011	195.8	0.0124	285.47	0.011	187.8	0.0541
285.52	0.013	196	0.0204	285.50	0.016	188.2	0.0621
285.55	0.014	196.2	0.0231	285.53	0.017	188.6	0.0675
285.57	0.016	196.4	0.0275	285.57	0.02	189	0.0746
285.60	0.018	196.7	0.0275	285.60	0.024	189.4	0.0746
285.63	0.018	196.7	0.0302	285.63	0.026	189.4	0.0817
285.67	0.019	196.8	0.0337	285.67	0.026	189.8	0.087
285.70	0.021	197.1	0.0373	285.70	0.028	190.3	0.0923
285.73	0.023	197.4	0.0399	285.73	0.032	190.7	0.0985
285.77	0.024	197.6	0.0426	285.77	0.033	191	0.1021
285.80	0.025	197.8	0.0444	285.80	0.034	191.4	0.1065
285.83	0.026	198	0.0444	285.83	0.037	191.7	0.1065
285.87	0.027	198	0.047	285.87	0.037	191.7	0.111
285.90	0.027	198.2	0.0488	285.92	0.038	192.3	0.1154
285.93	0.028	198.4	0.0506	285.95	0.039	192.5	0.1154
285.97	0.029	198.5	0.0515	285.98	0.04	192.5	0.1172
286.00	0.029	198.7	0.0515	286.00	0.04	192.8	0.1189
286.03	0.029	198.8	0.0524	286.03	0.04	193	0.1198
286.07	0.029	198.9	0.0524	286.07	0.04	193.2	0.1198
286.10	0.028	198.9	0.0524	286.10	0.04	193.3	0.1198
286.13	0.028	199	0.0524	286.13	0.04	193.5	0.1207
286.17	0.028	199.1	0.0524	286.17	0.04	193.6	0.1207
286.20	0.028	199.1	0.0515	286.20	0.038	193.6	0.1207
286.23	0.027	199.2	0.0506	286.23	0.038	193.7	0.1189
286.27	0.026	199.2	0.0488	286.27	0.037	193.7	0.1163
286.30	0.024	199.1	0.0488	286.30	0.034	193.6	0.1136
286.33	0.024	199.1	0.047	286.33	0.033	193.6	0.1118
286.37	0.024	199.1	0.0462	286.37	0.032	193.5	0.1083
286.40	0.022	199.1	0.0435	286.40	0.028	193.3	0.1083
286.43	0.02	199	0.0408	286.43	0.026	193.3	0.1047
286.47	0.019	198.9	0.0391	286.47	0.026	193.2	0.1012
286.50	0.017	198.8	0.0355	286.50	0.024	193	0.0959
286.53	0.014	198.6	0.0355	286.53	0.02	192.7	0.0897
286.57	0.013	198.6	0.032	286.57	0.018	192.5	0.0852
286.60	0.013	198.5	0.0293	286.60	0.016	192.3	0.079
286.63	0.012	198.3	0.0249	286.63	0.011	191.8	0.079
286.67	0.008	198.1	0.0204	286.67	0.008	191.5	0.0719
286.70	0.006	197.9	0.0178	286.70	0.008	191.5	0.0657
286.73	0.006	197.7	0.0142	286.73	0.006	191.2	0.0586
286.77	0.002	197.4	0.0142	286.77	0.001	190.7	0.0515
286.80	0	197.2	0.0089	286.80	-0.001	190.3	0.0453
286.83	0	197.2	0.0062	286.83	-0.003	190	0.0382
286.87	-0.001	197	0.0027	286.87	-0.008	189.4	0.0382
286.90	-0.004	196.6	-0.0027	286.90	-0.01	189	0.0311
286.95	-0.006	196.4	-0.0053	286.93	-0.01	189	0.024
286.98	-0.006	196.3	-0.008	286.97	-0.012	188.7	0.0178
287.02	-0.008	195.9	-0.0115	287.00	-0.016	188.1	0.0107
287.03	-0.01	195.7	-0.0142	287.03	-0.018	187.7	0.0062
287.07	-0.011	195.5	-0.0178	287.07	-0.019	187.4	0.0018
287.10	-0.013	195.1	-0.0178	287.10	-0.022	186.8	0.0018
287.13	-0.014	194.9	-0.0204	287.13	-0.024	186.5	-0.0044
287.17	-0.014	194.9	-0.0222	287.17	-0.024	186.5	-0.008
287.20	-0.014	194.7	-0.024	287.20	-0.025	186.2	-0.0115
287.23	-0.015	194.5	-0.0257	287.23	-0.026	185.8	-0.0142
287.27	-0.016	194.3	-0.0266	287.27	-0.028	185.5	-0.0169
287.30	-0.017	194.2	-0.0284	287.30	-0.028	185.3	-0.0186
287.33	-0.017	194	-0.0284	287.33	-0.029	185	-0.0186
287.37	-0.017	193.9	-0.0284	287.38	-0.029	184.8	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
287.40	-0.017	193.9	-0.0293	287.42	-0.029	184.7	-0.0213
287.43	-0.017	193.8	-0.0293	287.43	-0.029	184.5	-0.0213
287.47	-0.017	193.7	-0.0293	287.47	-0.028	184.4	-0.0213
287.50	-0.017	193.6	-0.0293	287.50	-0.027	184.4	-0.0204
287.53	-0.016	193.6	-0.0284	287.53	-0.027	184.3	-0.0195
287.57	-0.015	193.6	-0.0266	287.57	-0.026	184.3	-0.0178
287.60	-0.014	193.6	-0.0266	287.60	-0.024	184.4	-0.016
287.63	-0.013	193.6	-0.0257	287.63	-0.023	184.4	-0.0142
287.67	-0.013	193.6	-0.024	287.67	-0.022	184.5	-0.0115
287.70	-0.012	193.7	-0.0222	287.70	-0.018	184.6	-0.0115
287.73	-0.01	193.8	-0.0195	287.73	-0.017	184.6	-0.0071
287.77	-0.009	193.8	-0.0178	287.77	-0.017	184.7	-0.0044
287.80	-0.007	193.9	-0.0151	287.80	-0.015	185	0
287.83	-0.004	194.1	-0.0151	287.83	-0.011	185.2	0.0053
287.87	-0.004	194.1	-0.0115	287.87	-0.009	185.4	0.0107
287.90	-0.004	194.2	-0.0089	287.90	-0.007	185.8	0.0169
287.93	-0.001	194.4	-0.0053	287.93	-0.002	186.1	0.0169
287.97	0.002	194.6	-0.0018	287.97	0	186.1	0.0231
288.00	0.002	194.8	0.0018	288.00	0	186.3	0.0302
288.03	0.004	195	0.0062	288.03	0.003	186.8	0.0373
288.07	0.009	195.3	0.0062	288.07	0.008	187.2	0.0444
288.10	0.009	195.3	0.0107	288.10	0.009	187.5	0.0497
288.13	0.009	195.5	0.0133	288.13	0.012	188	0.0568
288.17	0.011	195.7	0.0178	288.17	0.017	188.4	0.0568
288.20	0.014	196	0.0222	288.20	0.019	188.4	0.0648
288.23	0.015	196.2	0.0249	288.23	0.019	188.8	0.0701
288.27	0.017	196.5	0.0302	288.27	0.021	189.2	0.0772
288.30	0.02	196.8	0.0302	288.30	0.026	189.6	0.0843
288.33	0.021	196.8	0.0337	288.33	0.027	190	0.0888
288.37	0.021	197	0.0364	288.37	0.029	190.5	0.0941
288.42	0.023	197.4	0.0391	288.40	0.033	190.8	0.0941
288.45	0.024	197.6	0.0408	288.43	0.034	190.8	0.1003
288.47	0.024	197.6	0.0426	288.47	0.034	191.2	0.1047
288.50	0.025	197.8	0.0453	288.50	0.035	191.5	0.1083
288.53	0.026	198	0.047	288.53	0.037	191.9	0.1118
288.57	0.027	198.2	0.0488	288.57	0.038	192.1	0.1145
288.60	0.028	198.4	0.0506	288.60	0.039	192.4	0.1163
288.63	0.028	198.6	0.0506	288.63	0.04	192.7	0.1163
288.67	0.029	198.7	0.0515	288.67	0.04	192.7	0.1189
288.70	0.029	198.7	0.0524	288.70	0.04	192.9	0.1198
288.73	0.029	198.8	0.0524	288.73	0.04	193.1	0.1198
288.77	0.029	198.9	0.0524	288.77	0.04	193.3	0.1207
288.80	0.028	199	0.0524	288.80	0.04	193.4	0.1207
288.83	0.028	199.1	0.0515	288.85	0.04	193.5	0.1207
288.87	0.028	199.1	0.0515	288.88	0.039	193.6	0.1198
288.90	0.026	199.1	0.0506	288.90	0.038	193.7	0.1181
288.93	0.026	199.1	0.0497	288.93	0.036	193.6	0.1154
288.97	0.026	199.2	0.0479	288.97	0.033	193.6	0.1154
289.00	0.024	199.1	0.0462	289.00	0.032	193.6	0.1127
289.03	0.023	199.1	0.0453	289.03	0.032	193.6	0.1101
289.07	0.022	199	0.0417	289.07	0.031	193.5	0.1065
289.10	0.019	198.9	0.0417	289.10	0.026	193.3	0.1021
289.13	0.017	198.8	0.0399	289.13	0.025	193.2	0.0985
289.17	0.017	198.8	0.0373	289.17	0.023	192.9	0.0932
289.20	0.017	198.7	0.0346	289.20	0.018	192.6	0.0932
289.23	0.014	198.5	0.0311	289.23	0.017	192.6	0.0879
289.27	0.012	198.4	0.0275	289.27	0.017	192.4	0.0826
289.30	0.01	198.2	0.0231	289.30	0.014	192.1	0.0754
289.33	0.008	197.9	0.0231	289.33	0.009	191.7	0.0675
289.37	0.006	197.8	0.0195	289.37	0.007	191.4	0.063
289.40	0.006	197.8	0.016	289.40	0.005	191.1	0.0559
289.43	0.004	197.6	0.0124	289.43	0	190.5	0.0559
289.47	0.002	197.3	0.008	289.47	-0.003	190.1	0.0479

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
289.50	-0.001	197	0.0044	289.50	-0.003	190.1	0.0417
289.53	-0.002	196.8	0	289.53	-0.005	189.8	0.0355
289.57	-0.004	196.5	0	289.57	-0.009	189.2	0.0284
289.60	-0.006	196.3	-0.0036	289.60	-0.011	188.8	0.0213
289.63	-0.006	196.3	-0.0071	289.63	-0.013	188.5	0.0151
289.67	-0.008	196	-0.0115	289.67	-0.017	188	0.0151
289.70	-0.01	195.7	-0.0142	289.70	-0.019	187.6	0.0089
289.73	-0.011	195.5	-0.0169	289.73	-0.019	187.6	0.0036
289.77	-0.012	195.2	-0.0195	289.77	-0.02	187.2	-0.0009
289.80	-0.013	194.9	-0.0222	289.80	-0.023	186.7	-0.0062
289.85	-0.015	194.7	-0.024	289.83	-0.025	186.3	-0.0098
289.88	-0.015	194.6	-0.0249	289.87	-0.026	186	-0.0133
289.92	-0.016	194.4	-0.0257	289.90	-0.027	185.7	-0.0133
289.93	-0.017	194.2	-0.0257	289.93	-0.028	185.4	-0.0151
289.97	-0.017	194.2	-0.0275	289.97	-0.028	185.4	-0.0178
290.00	-0.017	194.1	-0.0284	290.00	-0.028	185.2	-0.0186
290.03	-0.017	193.9	-0.0293	290.03	-0.029	184.9	-0.0204
290.07	-0.017	193.8	-0.0293	290.07	-0.029	184.8	-0.0204
290.10	-0.017	193.7	-0.0293	290.10	-0.029	184.6	-0.0204
290.13	-0.017	193.6	-0.0293	290.13	-0.028	184.5	-0.0204
290.17	-0.016	193.6	-0.0293	290.17	-0.027	184.4	-0.0204
290.20	-0.016	193.6	-0.0284	290.20	-0.026	184.4	-0.0195
290.23	-0.016	193.5	-0.0275	290.23	-0.026	184.4	-0.0186
290.27	-0.015	193.5	-0.0266	290.28	-0.024	184.4	-0.016
290.30	-0.013	193.6	-0.0249	290.32	-0.022	184.4	-0.0151
290.33	-0.013	193.6	-0.0231	290.35	-0.022	184.4	-0.0124
290.37	-0.012	193.7	-0.0213	290.37	-0.021	184.6	-0.0098
290.40	-0.009	193.8	-0.0213	290.40	-0.017	184.7	-0.0062
290.43	-0.008	193.8	-0.0186	290.43	-0.016	184.8	-0.0027
290.47	-0.008	193.8	-0.0169	290.47	-0.014	185.1	0.0018
290.50	-0.007	194	-0.0133	290.50	-0.01	185.3	0.0018
290.53	-0.004	194.1	-0.0098	290.53	-0.008	185.3	0.008
290.57	-0.003	194.2	-0.0071	290.57	-0.008	185.5	0.0124
290.60	-0.001	194.4	-0.0036	290.60	-0.006	185.9	0.0195
290.63	0.003	194.7	-0.0036	290.63	0	186.3	0.0275
290.67	0.004	194.7	0	290.67	0.001	186.5	0.0328
290.70	0.004	194.8	0.0036	290.70	0.004	187	0.0399
290.73	0.005	195	0.008	290.73	0.009	187.4	0.0399
290.77	0.009	195.3	0.0115	290.77	0.011	187.4	0.0479
290.80	0.01	195.6	0.0151	290.80	0.011	187.7	0.0533
290.83	0.012	195.8	0.0195	290.83	0.013	188.2	0.0604
290.87	0.015	196.1	0.0195	290.87	0.019	188.6	0.0683
290.90	0.016	196.1	0.0231	290.90	0.02	189	0.0728
290.93	0.016	196.3	0.0275	290.93	0.022	189.5	0.0799
290.97	0.017	196.5	0.0311	290.97	0.027	189.8	0.0799
291.00	0.02	196.8	0.0346	291.00	0.027	189.8	0.087
291.03	0.021	197	0.0373	291.03	0.027	190.2	0.0914
291.07	0.022	197.2	0.0399	291.07	0.03	190.6	0.0976
291.10	0.024	197.5	0.0399	291.10	0.034	191	0.103
291.13	0.026	197.7	0.0435	291.13	0.034	191.3	0.1065
291.17	0.026	197.7	0.0453	291.17	0.036	191.7	0.1101
291.20	0.026	197.9	0.047	291.20	0.038	192	0.1101
291.23	0.027	198.1	0.0488	291.23	0.038	192	0.1136
291.27	0.028	198.3	0.0497	291.27	0.038	192.3	0.1154
291.32	0.028	198.4	0.0506	291.30	0.039	192.5	0.1181
291.35	0.028	198.6	0.0515	291.33	0.04	192.8	0.1189
291.37	0.029	198.7	0.0524	291.37	0.04	193	0.1198
291.40	0.029	198.8	0.0524	291.40	0.04	193.2	0.1207
291.43	0.029	198.9	0.0524	291.43	0.04	193.3	0.1207
291.47	0.028	199	0.0524	291.47	0.04	193.3	0.1207
291.50	0.028	199	0.0524	291.50	0.04	193.5	0.1207
291.53	0.028	199.1	0.0515	291.53	0.04	193.6	0.1198
291.57	0.027	199.1	0.0506	291.57	0.037	193.6	0.1181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
291.60	0.026	199.1	0.0497	291.60	0.036	193.6	0.1163
291.63	0.025	199.1	0.0479	291.63	0.035	193.7	0.1136
291.67	0.024	199	0.0453	291.67	0.032	193.5	0.1136
291.70	0.022	199	0.0453	291.70	0.03	193.4	0.111
291.73	0.021	199	0.0435	291.75	0.029	193.4	0.1056
291.77	0.021	199	0.0417	291.78	0.027	193.2	0.1056
291.80	0.02	198.8	0.0391	291.80	0.024	193.1	0.1021
291.83	0.016	198.7	0.0355	291.83	0.024	193.1	0.0976
291.87	0.015	198.6	0.0337	291.87	0.022	192.9	0.0914
291.90	0.014	198.4	0.0302	291.90	0.017	192.5	0.0852
291.93	0.01	198.2	0.0302	291.93	0.015	192.3	0.0799
291.97	0.01	198.2	0.0249	291.97	0.013	192	0.0737
292.00	0.01	198.1	0.0222	292.00	0.008	191.5	0.0737
292.03	0.008	197.9	0.0178	292.03	0.005	191.2	0.0657
292.07	0.004	197.6	0.0133	292.07	0.005	191.2	0.0604
292.10	0.003	197.4	0.0107	292.10	0.004	190.9	0.0533
292.13	0.002	197.2	0.0062	292.13	-0.001	190.3	0.0462
292.17	-0.002	196.9	0.0062	292.17	-0.004	189.9	0.0399
292.20	-0.003	196.9	0.0018	292.20	-0.006	189.6	0.0337
292.23	-0.003	196.7	-0.0009	292.23	-0.01	189.1	0.0337
292.27	-0.004	196.4	-0.0053	292.27	-0.013	188.7	0.0257
292.30	-0.007	196.1	-0.0089	292.30	-0.013	188.7	0.0195
292.33	-0.008	195.9	-0.0115	292.33	-0.014	188.3	0.0133
292.37	-0.01	195.6	-0.0151	292.37	-0.017	187.8	0.0071
292.40	-0.012	195.3	-0.0151	292.40	-0.02	187.4	0.0018
292.43	-0.013	195.3	-0.0178	292.43	-0.021	187	-0.0027
292.47	-0.013	195.1	-0.0195	292.47	-0.024	186.5	-0.0027
292.50	-0.014	194.9	-0.0222	292.50	-0.025	186.2	-0.0071
292.53	-0.016	194.6	-0.0249	292.53	-0.025	186.2	-0.0107
292.57	-0.016	194.5	-0.0257	292.57	-0.026	185.9	-0.0133
292.60	-0.016	194.3	-0.0275	292.60	-0.027	185.6	-0.016
292.63	-0.017	194.1	-0.0275	292.63	-0.028	185.3	-0.0178
292.67	-0.017	194.1	-0.0275	292.67	-0.028	185.1	-0.0186
292.70	-0.017	194	-0.0284	292.70	-0.029	184.9	-0.0195
292.73	-0.017	193.9	-0.0293	292.73	-0.029	184.7	-0.0195
292.78	-0.017	193.7	-0.0293	292.77	-0.029	184.7	-0.0204
292.82	-0.017	193.7	-0.0293	292.80	-0.029	184.6	-0.0204
292.83	-0.017	193.6	-0.0293	292.83	-0.028	184.5	-0.0195
292.87	-0.016	193.5	-0.0284	292.87	-0.027	184.4	-0.0186
292.90	-0.015	193.5	-0.0275	292.90	-0.026	184.4	-0.0169
292.93	-0.015	193.5	-0.0257	292.93	-0.024	184.4	-0.0151
292.97	-0.013	193.5	-0.0257	292.97	-0.022	184.5	-0.0151
293.00	-0.012	193.6	-0.024	293.00	-0.022	184.5	-0.0124
293.03	-0.012	193.6	-0.0231	293.03	-0.021	184.5	-0.0098
293.07	-0.011	193.6	-0.0204	293.07	-0.019	184.7	-0.0062
293.10	-0.009	193.8	-0.0186	293.10	-0.015	184.9	-0.0018
293.13	-0.007	193.9	-0.016	293.13	-0.014	185	0.0018
293.17	-0.006	193.9	-0.0124	293.18	-0.011	185.3	0.0071
293.20	-0.003	194.1	-0.0124	293.22	-0.009	185.4	0.0098
293.23	-0.001	194.3	-0.0089	293.25	-0.007	185.7	0.0151
293.27	-0.001	194.3	-0.0062	293.27	-0.004	186.1	0.0222
293.30	0	194.4	-0.0027	293.30	0.001	186.4	0.0222
293.33	0.002	194.7	0.0009	293.33	0.003	186.4	0.0302
293.37	0.005	194.9	0.0053	293.37	0.003	186.7	0.0355
293.40	0.006	195.1	0.0089	293.40	0.006	187.2	0.0426
293.43	0.009	195.4	0.0133	293.43	0.011	187.6	0.0497
293.47	0.012	195.7	0.0133	293.47	0.012	187.9	0.0559
293.50	0.012	195.7	0.0169	293.50	0.015	188.4	0.0639
293.53	0.012	195.8	0.0204	293.53	0.02	188.8	0.0639
293.57	0.015	196.1	0.0249	293.57	0.021	188.8	0.071
293.60	0.017	196.4	0.0293	293.60	0.021	189.1	0.0763
293.63	0.019	196.6	0.032	293.63	0.023	189.6	0.0826
293.67	0.02	196.9	0.0346	293.67	0.028	190	0.0888

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
293.70	0.022	197.1	0.0346	293.70	0.029	190.4	0.0941
293.73	0.023	197.1	0.0382	293.73	0.031	190.8	0.0994
293.77	0.023	197.3	0.0408	293.77	0.034	191.2	0.0994
293.80	0.024	197.5	0.0435	293.80	0.035	191.2	0.1047
293.83	0.026	197.8	0.0462	293.83	0.035	191.5	0.1074
293.87	0.026	198	0.047	293.87	0.036	191.9	0.1118
293.90	0.027	198.1	0.0497	293.90	0.039	192.2	0.1145
293.93	0.028	198.3	0.0497	293.93	0.039	192.4	0.1163
293.97	0.028	198.3	0.0506	293.97	0.039	192.7	0.1181
294.00	0.028	198.5	0.0515	294.00	0.04	192.9	0.1181
294.03	0.029	198.6	0.0515	294.03	0.04	192.9	0.1198
294.07	0.029	198.7	0.0524	294.07	0.04	193.1	0.1198
294.10	0.029	198.8	0.0524	294.10	0.04	193.3	0.1207
294.13	0.029	198.9	0.0524	294.13	0.04	193.4	0.1207
294.17	0.028	199	0.0524	294.17	0.04	193.6	0.1207
294.22	0.027	199	0.0506	294.20	0.039	193.6	0.1189
294.25	0.027	199.1	0.0497	294.23	0.037	193.6	0.1189
294.28	0.026	199.1	0.0497	294.27	0.035	193.6	0.1172
294.30	0.024	199.1	0.0488	294.30	0.035	193.6	0.1154
294.33	0.024	199.1	0.047	294.33	0.034	193.6	0.1127
294.37	0.024	199	0.0453	294.37	0.031	193.5	0.1083
294.40	0.021	199	0.0426	294.40	0.029	193.4	0.1056
294.43	0.02	198.9	0.0408	294.43	0.028	193.3	0.1012
294.47	0.019	198.8	0.0373	294.47	0.023	193	0.1012
294.50	0.016	198.6	0.0373	294.50	0.022	193	0.0968
294.53	0.014	198.6	0.0346	294.53	0.022	192.8	0.0923
294.57	0.014	198.5	0.032	294.57	0.02	192.6	0.0861
294.60	0.013	198.4	0.0293	294.60	0.014	192.2	0.0799
294.63	0.01	198.2	0.024	294.65	0.013	192	0.0746
294.67	0.008	198	0.0204	294.68	0.012	191.8	0.0701
294.70	0.007	197.8	0.0169	294.70	0.007	191.4	0.063
294.73	0.004	197.5	0.0169	294.73	0.004	191	0.0577
294.77	0.002	197.3	0.0124	294.77	0.002	190.7	0.0497
294.80	0.002	197.3	0.0098	294.80	-0.003	190.2	0.0497
294.83	0.001	197.1	0.0053	294.83	-0.005	189.8	0.0417
294.87	-0.002	196.8	0.0009	294.87	-0.005	189.8	0.0364
294.90	-0.004	196.6	-0.0027	294.90	-0.007	189.4	0.0293
294.93	-0.005	196.3	-0.0062	294.93	-0.011	188.9	0.0213
294.97	-0.008	196	-0.0062	294.97	-0.014	188.5	0.016
295.00	-0.009	195.8	-0.0098	295.00	-0.015	188.1	0.0098
295.03	-0.009	195.8	-0.0133	295.03	-0.018	187.6	0.0098
295.07	-0.01	195.5	-0.016	295.07	-0.021	187.2	0.0036
295.10	-0.012	195.2	-0.0195	295.10	-0.021	187.2	-0.0009
295.13	-0.014	195	-0.0213	295.13	-0.022	186.8	-0.0053
295.17	-0.014	194.8	-0.0231	295.17	-0.024	186.4	-0.0089
295.20	-0.015	194.5	-0.0231	295.20	-0.026	186	-0.0124
295.23	-0.016	194.4	-0.0249	295.23	-0.026	185.8	-0.0151
295.27	-0.016	194.4	-0.0266	295.27	-0.027	185.5	-0.0178
295.30	-0.016	194.2	-0.0275	295.30	-0.028	185.2	-0.0178
295.33	-0.017	194	-0.0284	295.33	-0.029	185.2	-0.0204
295.37	-0.017	193.9	-0.0293	295.37	-0.029	185	-0.0204
295.40	-0.017	193.8	-0.0293	295.40	-0.029	184.8	-0.0213
295.43	-0.017	193.7	-0.0293	295.43	-0.028	184.7	-0.0213
295.47	-0.017	193.6	-0.0293	295.47	-0.028	184.5	-0.0213
295.50	-0.016	193.6	-0.0293	295.50	-0.028	184.4	-0.0204
295.53	-0.016	193.6	-0.0284	295.53	-0.026	184.4	-0.0204
295.57	-0.016	193.5	-0.0275	295.57	-0.025	184.4	-0.0195
295.60	-0.015	193.5	-0.0257	295.60	-0.025	184.4	-0.0178
295.63	-0.013	193.5	-0.0249	295.63	-0.024	184.4	-0.0151
295.68	-0.013	193.6	-0.0231	295.67	-0.021	184.5	-0.0124
295.72	-0.011	193.6	-0.0222	295.70	-0.02	184.6	-0.0098
295.73	-0.01	193.6	-0.0204	295.73	-0.018	184.8	-0.0053
295.77	-0.009	193.8	-0.0178	295.77	-0.014	185	-0.0053

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
295.80	-0.006	193.9	-0.0178	295.80	-0.012	185	-0.0018
295.83	-0.005	193.9	-0.0142	295.83	-0.012	185.1	0.0027
295.87	-0.005	194	-0.0115	295.87	-0.011	185.4	0.008
295.90	-0.004	194.2	-0.008	295.90	-0.006	185.7	0.0142
295.93	0	194.4	-0.0044	295.93	-0.004	185.9	0.0195
295.97	0.001	194.5	-0.0009	295.97	-0.001	186.4	0.0275
296.00	0.003	194.7	0.0027	296.00	0.004	186.7	0.0275
296.03	0.006	195	0.0027	296.03	0.005	186.7	0.0355
296.07	0.007	195	0.0062	296.07	0.005	187.1	0.0408
296.10	0.007	195.1	0.0098	296.12	0.012	187.8	0.0479
296.13	0.009	195.4	0.0142	296.15	0.013	187.8	0.0524
296.17	0.013	195.7	0.0186	296.17	0.013	188.1	0.0577
296.20	0.014	195.9	0.0222	296.20	0.016	188.6	0.0648
296.23	0.015	196.2	0.0257	296.23	0.021	189	0.0728
296.27	0.018	196.5	0.0257	296.27	0.022	189.4	0.0772
296.30	0.019	196.5	0.0311	296.30	0.024	189.8	0.0843
296.33	0.019	196.7	0.0328	296.33	0.029	190.2	0.0843
296.37	0.02	196.9	0.0373	296.37	0.03	190.2	0.0914
296.40	0.023	197.2	0.0399	296.40	0.03	190.6	0.0959
296.43	0.024	197.4	0.0417	296.43	0.032	191	0.1003
296.47	0.025	197.6	0.0444	296.47	0.035	191.3	0.1056
296.50	0.026	197.8	0.0444	296.50	0.036	191.6	0.1083
296.53	0.027	198	0.047	296.53	0.037	192	0.1118
296.57	0.027	198	0.0479	296.57	0.039	192.3	0.1118
296.60	0.027	198.2	0.0497	296.60	0.039	192.3	0.1145
296.63	0.028	198.4	0.0506	296.63	0.039	192.5	0.1163
296.67	0.029	198.5	0.0515	296.67	0.04	192.8	0.1181
296.70	0.029	198.6	0.0524	296.70	0.04	193	0.1198
296.73	0.029	198.8	0.0524	296.73	0.04	193.2	0.1198
296.77	0.029	198.9	0.0524	296.77	0.04	193.3	0.1198
296.80	0.029	198.9	0.0524	296.80	0.04	193.5	0.1198
296.83	0.029	199	0.0524	296.83	0.04	193.6	0.1198
296.87	0.028	199	0.0515	296.87	0.04	193.6	0.1198
296.90	0.027	199	0.0506	296.90	0.038	193.7	0.1172
296.93	0.026	199	0.0488	296.93	0.036	193.6	0.1154
296.97	0.025	199	0.047	296.97	0.034	193.6	0.1136
297.00	0.023	199	0.047	297.00	0.033	193.6	0.111
297.03	0.022	199	0.0453	297.03	0.03	193.4	0.111
297.07	0.022	199	0.0435	297.07	0.028	193.4	0.1074
297.12	0.019	198.8	0.0408	297.10	0.028	193.4	0.1039
297.15	0.018	198.8	0.0399	297.13	0.026	193.2	0.0985
297.18	0.018	198.7	0.0373	297.17	0.023	192.9	0.0941
297.20	0.016	198.6	0.0337	297.20	0.02	192.7	0.0897
297.23	0.013	198.4	0.0311	297.23	0.018	192.5	0.0834
297.27	0.012	198.3	0.0284	297.27	0.014	192.1	0.0834
297.30	0.011	198.1	0.0231	297.30	0.011	191.8	0.0772
297.33	0.007	197.8	0.0231	297.33	0.011	191.8	0.071
297.37	0.006	197.8	0.0195	297.37	0.009	191.5	0.0639
297.40	0.006	197.7	0.0169	297.40	0.004	191	0.0559
297.43	0.005	197.4	0.0115	297.43	0.001	190.7	0.0506
297.47	0.001	197.2	0.008	297.47	-0.001	190.4	0.0435
297.50	0	197	0.0044	297.50	-0.005	189.8	0.0364
297.53	-0.002	196.7	0	297.55	-0.008	189.4	0.0302
297.57	-0.005	196.4	0	297.58	-0.008	189.1	0.0257
297.60	-0.006	196.4	-0.0036	297.60	-0.011	188.6	0.0186
297.63	-0.006	196.2	-0.0071	297.63	-0.015	188.2	0.0186
297.67	-0.007	195.9	-0.0107	297.67	-0.016	188.2	0.0124
297.70	-0.01	195.6	-0.0142	297.70	-0.016	187.9	0.008
297.73	-0.011	195.4	-0.0169	297.73	-0.019	187.4	0.0027
297.77	-0.012	195.1	-0.0195	297.77	-0.022	187	-0.0036
297.80	-0.014	194.8	-0.0195	297.80	-0.023	186.6	-0.0071
297.83	-0.015	194.6	-0.0222	297.83	-0.024	186.2	-0.0107
297.87	-0.015	194.6	-0.024	297.87	-0.027	185.9	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
297.90	-0.015	194.5	-0.0257	297.90	-0.027	185.9	-0.0142
297.93	-0.016	194.2	-0.0275	297.93	-0.027	185.6	-0.016
297.97	-0.017	194.1	-0.0284	297.97	-0.027	185.3	-0.0186
298.00	-0.017	193.9	-0.0284	298.00	-0.029	185.1	-0.0204
298.03	-0.017	193.8	-0.0284	298.03	-0.029	184.9	-0.0213
298.07	-0.017	193.7	-0.0284	298.07	-0.029	184.7	-0.0213
298.10	-0.017	193.7	-0.0293	298.10	-0.028	184.6	-0.0213
298.13	-0.017	193.6	-0.0293	298.13	-0.028	184.6	-0.0213
298.17	-0.017	193.6	-0.0284	298.17	-0.028	184.5	-0.0213
298.20	-0.016	193.5	-0.0275	298.20	-0.027	184.4	-0.0195
298.23	-0.015	193.5	-0.0275	298.23	-0.026	184.4	-0.0186
298.27	-0.015	193.5	-0.0257	298.27	-0.024	184.4	-0.0169
298.30	-0.013	193.5	-0.0257	298.30	-0.023	184.5	-0.0142
298.33	-0.012	193.5	-0.024	298.33	-0.02	184.6	-0.0142
298.37	-0.012	193.5	-0.0222	298.37	-0.019	184.6	-0.0115
298.40	-0.011	193.6	-0.0204	298.40	-0.019	184.6	-0.008
298.43	-0.008	193.7	-0.0178	298.43	-0.017	184.8	-0.0044
298.47	-0.007	193.8	-0.016	298.47	-0.013	185.1	0.0009
298.50	-0.006	194	-0.0124	298.50	-0.012	185.2	0.0044
298.53	-0.003	194.1	-0.0124	298.53	-0.009	185.5	0.0107
298.58	-0.002	194.3	-0.0071	298.57	-0.004	185.8	0.0107
298.62	-0.001	194.4	-0.0036	298.60	-0.003	185.8	0.0169
298.63	0.002	194.6	-0.0036	298.63	-0.003	186.1	0.0222
298.67	0.004	194.6	0	298.67	0	186.4	0.0302
298.70	0.004	194.8	0.0036	298.70	0.005	186.9	0.0382
298.73	0.005	195	0.0071	298.73	0.007	187.2	0.0435
298.77	0.009	195.3	0.0124	298.77	0.009	187.6	0.0506
298.80	0.011	195.5	0.0151	298.80	0.015	188.1	0.0506
298.83	0.011	195.8	0.0186	298.83	0.016	188.1	0.0586
298.87	0.015	196	0.0186	298.87	0.016	188.4	0.0639
298.90	0.016	196	0.0231	298.90	0.018	188.8	0.0701
298.93	0.016	196.2	0.0275	298.93	0.023	189.3	0.0781
298.97	0.017	196.5	0.0311	298.97	0.025	189.7	0.0834
299.00	0.02	196.8	0.0346	299.02	0.027	190.1	0.0897
299.03	0.021	197	0.0373	299.05	0.029	190.4	0.0932
299.07	0.022	197.2	0.0408	299.07	0.031	190.8	0.0976
299.10	0.025	197.5	0.0408	299.10	0.032	191.2	0.103
299.13	0.025	197.5	0.0435	299.13	0.035	191.5	0.103
299.17	0.025	197.7	0.0453	299.17	0.037	191.8	0.1074
299.20	0.026	197.8	0.047	299.20	0.037	191.8	0.111
299.23	0.027	198.1	0.0488	299.23	0.037	192.1	0.1136
299.27	0.028	198.2	0.0497	299.27	0.039	192.4	0.1163
299.30	0.028	198.4	0.0506	299.30	0.04	192.7	0.1181
299.33	0.029	198.5	0.0506	299.33	0.04	192.9	0.1189
299.37	0.029	198.7	0.0515	299.37	0.04	193.1	0.1189
299.40	0.029	198.7	0.0524	299.40	0.04	193.3	0.1198
299.43	0.029	198.8	0.0524	299.43	0.04	193.3	0.1198
299.47	0.029	198.9	0.0524	299.47	0.04	193.4	0.1198
299.50	0.028	198.9	0.0524	299.50	0.04	193.6	0.1198
299.53	0.028	199	0.0515	299.53	0.039	193.7	0.1198
299.57	0.027	199	0.0515	299.57	0.038	193.7	0.1172
299.60	0.025	199	0.0497	299.60	0.036	193.7	0.1154
299.63	0.025	199	0.0479	299.63	0.033	193.6	0.1154
299.67	0.025	199	0.047	299.67	0.032	193.6	0.1127
299.70	0.023	199	0.0444	299.70	0.032	193.6	0.1101
299.73	0.021	198.9	0.0426	299.73	0.03	193.4	0.1065
299.77	0.02	198.8	0.0408	299.77	0.027	193.3	0.1021
299.80	0.018	198.7	0.0408	299.80	0.025	193.2	0.0985
299.83	0.016	198.5	0.0373	299.83	0.023	192.9	0.0932
299.87	0.016	198.5	0.0346	299.87	0.018	192.7	0.0932
299.90	0.015	198.4	0.0311	299.90	0.017	192.7	0.087
299.93	0.012	198.2	0.0275	299.93	0.017	192.5	0.0826
299.97	0.01	198	0.024	299.97	0.014	192.1	0.0754

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
300.02	0.009	197.9	0.0204	300.00	0.009	191.7	0.0683
300.05	0.007	197.7	0.0178	300.03	0.007	191.4	0.063
300.08	0.005	197.5	0.0151	300.07	0.004	191	0.055
300.10	0.003	197.3	0.0107	300.10	0	190.5	0.055
300.13	0.001	197	0.0071	300.13	-0.002	190.5	0.0479
300.17	-0.002	196.8	0.0071	300.17	-0.002	190.2	0.0417
300.20	-0.003	196.8	0.0027	300.20	-0.005	189.7	0.0355
300.23	-0.003	196.6	-0.0009	300.23	-0.009	189.3	0.0275
300.27	-0.004	196.3	-0.0053	300.27	-0.011	188.9	0.0213
300.30	-0.008	196	-0.0089	300.30	-0.013	188.4	0.0151
300.33	-0.008	195.8	-0.0115	300.33	-0.017	188	0.0151
300.37	-0.01	195.5	-0.0151	300.37	-0.018	188	0.008
300.40	-0.012	195.2	-0.0151	300.40	-0.018	187.6	0.0036
300.43	-0.013	195.2	-0.0178	300.45	-0.022	186.8	-0.0018
300.47	-0.013	195	-0.0204	300.48	-0.024	186.8	-0.0053
300.50	-0.014	194.7	-0.0222	300.52	-0.024	186.4	-0.0089
300.53	-0.015	194.5	-0.0249	300.53	-0.025	186.1	-0.0124
300.57	-0.016	194.3	-0.0257	300.57	-0.027	185.8	-0.0151
300.60	-0.016	194.2	-0.0266	300.60	-0.027	185.5	-0.0169
300.63	-0.017	194	-0.0266	300.63	-0.028	185.2	-0.0195
300.67	-0.017	194	-0.0284	300.67	-0.029	185	-0.0195
300.70	-0.017	193.9	-0.0284	300.70	-0.029	185	-0.0204
300.73	-0.017	193.7	-0.0293	300.73	-0.029	184.8	-0.0213
300.77	-0.017	193.6	-0.0293	300.77	-0.029	184.7	-0.0213
300.80	-0.017	193.5	-0.0293	300.80	-0.028	184.6	-0.0213
300.83	-0.017	193.5	-0.0284	300.83	-0.028	184.5	-0.0204
300.87	-0.016	193.4	-0.0284	300.87	-0.027	184.4	-0.0186
300.90	-0.015	193.4	-0.0275	300.90	-0.025	184.4	-0.0186
300.93	-0.015	193.4	-0.0266	300.93	-0.024	184.4	-0.0178
300.97	-0.014	193.4	-0.0249	300.97	-0.024	184.4	-0.016
301.00	-0.012	193.5	-0.0231	301.00	-0.022	184.5	-0.0133
301.03	-0.011	193.5	-0.0222	301.03	-0.019	184.6	-0.0098
301.07	-0.01	193.6	-0.0195	301.07	-0.018	184.7	-0.0071
301.10	-0.008	193.7	-0.0195	301.10	-0.016	184.9	-0.0027
301.13	-0.006	193.7	-0.0169	301.13	-0.012	185.1	-0.0027
301.17	-0.006	193.8	-0.0142	301.17	-0.01	185.3	0.0027
301.20	-0.005	193.9	-0.0107	301.20	-0.01	185.3	0.0071
301.23	-0.002	194.1	-0.0071	301.23	-0.008	185.5	0.0124
301.27	0	194.3	-0.0044	301.27	-0.003	185.9	0.0195
301.30	0.001	194.4	-0.0009	301.30	-0.001	186.2	0.0249
301.33	0.004	194.7	-0.0009	301.33	0.001	186.5	0.0328
301.37	0.006	194.9	0.0036	301.37	0.006	187.1	0.0328
301.40	0.006	194.9	0.0062	301.40	0.009	187.4	0.0408
301.43	0.007	195.1	0.0115	301.43	0.009	187.4	0.0462
301.48	0.011	195.6	0.0151	301.47	0.01	187.7	0.0533
301.52	0.011	195.6	0.0178	301.50	0.015	188.3	0.0604
301.53	0.013	195.8	0.0213	301.53	0.018	188.6	0.0666
301.57	0.015	196.1	0.0249	301.57	0.02	189	0.0737
301.60	0.017	196.3	0.0293	301.60	0.024	189.5	0.0737
301.63	0.018	196.6	0.0328	301.63	0.026	189.9	0.0808
301.67	0.02	196.9	0.0328	301.67	0.026	189.9	0.0861
301.70	0.022	197.1	0.0364	301.70	0.028	190.2	0.0923
301.73	0.022	197.1	0.0391	301.73	0.031	190.7	0.0976
301.77	0.023	197.3	0.0408	301.77	0.033	191.1	0.1021
301.80	0.024	197.5	0.0444	301.80	0.034	191.4	0.1065
301.83	0.026	197.7	0.0462	301.83	0.036	191.8	0.1065
301.87	0.026	197.9	0.0479	301.87	0.038	192.1	0.1101
301.90	0.027	198.1	0.0497	301.92	0.038	192.3	0.1145
301.93	0.028	198.3	0.0497	301.95	0.039	192.6	0.1163
301.97	0.029	198.3	0.0506	301.97	0.04	192.8	0.1163
302.00	0.029	198.4	0.0515	302.00	0.04	192.8	0.1181
302.03	0.029	198.5	0.0515	302.03	0.04	193	0.1189
302.07	0.029	198.7	0.0524	302.07	0.04	193.2	0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
302.10	0.029	198.8	0.0524	302.10	0.04	193.4	0.1198
302.13	0.029	198.9	0.0524	302.13	0.04	193.5	0.1198
302.17	0.028	198.9	0.0524	302.17	0.04	193.7	0.1198
302.20	0.027	198.9	0.0515	302.20	0.039	193.7	0.1198
302.23	0.027	199	0.0506	302.23	0.037	193.7	0.1189
302.27	0.027	199	0.0497	302.27	0.037	193.8	0.1172
302.30	0.025	199	0.0479	302.30	0.036	193.7	0.1145
302.33	0.024	199	0.0462	302.33	0.032	193.6	0.111
302.37	0.023	198.9	0.0435	302.37	0.031	193.6	0.1083
302.40	0.02	198.8	0.0435	302.40	0.03	193.4	0.1047
302.43	0.019	198.8	0.0417	302.43	0.025	193.3	0.1047
302.47	0.019	198.7	0.0399	302.47	0.024	193.3	0.1003
302.50	0.018	198.6	0.0364	302.50	0.024	193.1	0.0968
302.53	0.016	198.5	0.0337	302.53	0.022	192.8	0.0905
302.57	0.014	198.3	0.0311	302.57	0.017	192.6	0.0843
302.60	0.012	198.2	0.0275	302.60	0.016	192.3	0.079
302.63	0.009	197.9	0.0275	302.63	0.013	191.9	0.0719
302.67	0.007	197.8	0.0222	302.67	0.007	191.5	0.0719
302.70	0.007	197.8	0.0186	302.70	0.006	191.5	0.0648
302.73	0.006	197.6	0.0151	302.73	0.006	191.3	0.0595
302.77	0.003	197.3	0.0115	302.77	0.003	190.8	0.0524
302.80	0.001	197.1	0.008	302.80	-0.002	190.4	0.0435
302.83	0	196.9	0.0036	302.83	-0.004	190.1	0.0391
302.87	-0.003	196.5	0.0036	302.87	-0.006	189.6	0.032
302.90	-0.005	196.3	-0.0009	302.90	-0.011	189.1	0.032
302.95	-0.006	196.1	-0.0062	302.93	-0.012	189.1	0.024
302.98	-0.007	195.9	-0.0062	302.97	-0.012	188.8	0.0186
303.00	-0.009	195.6	-0.0089	303.00	-0.014	188.2	0.0115
303.03	-0.009	195.6	-0.0124	303.03	-0.019	187.8	0.0044
303.07	-0.01	195.4	-0.016	303.07	-0.019	187.4	0.0009
303.10	-0.012	195	-0.0186	303.10	-0.021	187	-0.0044
303.13	-0.014	194.8	-0.0213	303.13	-0.024	186.6	-0.0044
303.17	-0.014	194.6	-0.0231	303.17	-0.025	186.6	-0.008
303.20	-0.015	194.4	-0.0249	303.20	-0.025	186.3	-0.0115
303.23	-0.016	194.2	-0.0249	303.23	-0.026	185.9	-0.0142
303.27	-0.016	194.2	-0.0266	303.27	-0.028	185.6	-0.0169
303.30	-0.016	194.1	-0.0275	303.30	-0.028	185.4	-0.0186
303.33	-0.017	193.9	-0.0284	303.35	-0.028	185.1	-0.0204
303.37	-0.017	193.8	-0.0293	303.38	-0.029	184.9	-0.0213
303.40	-0.017	193.6	-0.0293	303.42	-0.029	184.7	-0.0213
303.43	-0.017	193.5	-0.0293	303.43	-0.029	184.6	-0.0213
303.47	-0.017	193.5	-0.0293	303.47	-0.028	184.5	-0.0213
303.50	-0.016	193.5	-0.0293	303.50	-0.027	184.5	-0.0213
303.53	-0.016	193.4	-0.0284	303.53	-0.027	184.4	-0.0204
303.57	-0.016	193.4	-0.0275	303.57	-0.026	184.4	-0.0186
303.60	-0.014	193.4	-0.0257	303.60	-0.024	184.4	-0.0169
303.63	-0.014	193.4	-0.0249	303.63	-0.023	184.4	-0.0151
303.67	-0.013	193.4	-0.0231	303.67	-0.022	184.5	-0.0124
303.70	-0.01	193.5	-0.0231	303.70	-0.018	184.7	-0.0124
303.73	-0.01	193.5	-0.0204	303.73	-0.017	184.7	-0.0089
303.77	-0.01	193.5	-0.0186	303.77	-0.017	184.8	-0.0053
303.80	-0.008	193.7	-0.0151	303.80	-0.015	185	0
303.83	-0.005	193.8	-0.0124	303.83	-0.01	185.2	0.0044
303.87	-0.004	193.9	-0.0107	303.87	-0.009	185.4	0.0089
303.90	-0.003	194.1	-0.0071	303.90	-0.007	185.7	0.016
303.93	0.001	194.3	-0.0071	303.93	-0.002	186.1	0.016
303.97	0.002	194.3	-0.0027	303.97	0	186.4	0.0222
304.00	0.002	194.5	0	304.00	0	186.4	0.0293
304.03	0.003	194.7	0.0044	304.03	0.003	186.7	0.0364
304.07	0.007	195	0.0089	304.07	0.007	187.3	0.0435
304.10	0.008	195.2	0.0115	304.10	0.01	187.6	0.0497
304.13	0.01	195.5	0.016	304.13	0.012	187.9	0.0559
304.17	0.013	195.7	0.016	304.17	0.017	188.4	0.0559

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
304.20	0.015	195.7	0.0204	304.20	0.019	188.8	0.0639
304.23	0.015	196	0.024	304.23	0.019	188.8	0.0701
304.27	0.016	196.2	0.0284	304.27	0.021	189.2	0.0763
304.30	0.019	196.5	0.032	304.30	0.025	189.7	0.0826
304.33	0.02	196.7	0.0346	304.33	0.027	190	0.0879
304.38	0.021	196.9	0.0382	304.37	0.029	190.4	0.0941
304.42	0.022	197.1	0.0399	304.40	0.032	190.9	0.0941
304.45	0.024	197.3	0.0417	304.43	0.034	191.2	0.1003
304.47	0.025	197.5	0.0444	304.47	0.034	191.2	0.1047
304.50	0.026	197.8	0.0444	304.50	0.035	191.5	0.1083
304.53	0.027	198	0.047	304.53	0.037	191.9	0.1118
304.57	0.027	198	0.0479	304.57	0.038	192.2	0.1145
304.60	0.027	198.1	0.0497	304.60	0.039	192.5	0.1163
304.63	0.028	198.3	0.0515	304.63	0.04	192.7	0.1181
304.67	0.029	198.4	0.0524	304.67	0.04	193	0.1181
304.70	0.029	198.6	0.0524	304.70	0.04	193	0.1198
304.73	0.029	198.7	0.0524	304.73	0.04	193.1	0.1198
304.77	0.029	198.8	0.0533	304.77	0.04	193.3	0.1198
304.80	0.029	198.8	0.0524	304.82	0.04	193.5	0.1207
304.83	0.029	198.9	0.0524	304.85	0.04	193.6	0.1207
304.87	0.028	198.9	0.0515	304.87	0.039	193.7	0.1198
304.90	0.027	198.9	0.0506	304.90	0.038	193.8	0.1181
304.93	0.026	199	0.0497	304.93	0.036	193.8	0.1163
304.97	0.025	199	0.0479	304.97	0.035	193.7	0.1136
305.00	0.023	198.9	0.0479	305.00	0.032	193.6	0.1136
305.03	0.022	198.9	0.0462	305.03	0.03	193.6	0.1101
305.07	0.022	198.9	0.0444	305.07	0.03	193.6	0.1074
305.10	0.021	198.7	0.0408	305.10	0.029	193.4	0.103
305.13	0.018	198.6	0.0382	305.13	0.024	193.2	0.0985
305.17	0.017	198.6	0.0364	305.17	0.023	193	0.0941
305.20	0.016	198.4	0.0328	305.20	0.021	192.8	0.0888
305.23	0.012	198.2	0.0328	305.23	0.015	192.4	0.0888
305.27	0.011	198.2	0.0293	305.27	0.014	192.4	0.0817
305.30	0.011	198.1	0.0257	305.30	0.014	192.2	0.0763
305.33	0.01	197.9	0.0213	305.33	0.012	191.9	0.0701
305.37	0.006	197.6	0.0178	305.37	0.006	191.4	0.0621
305.40	0.005	197.5	0.0142	305.40	0.005	191.2	0.0568
305.43	0.003	197.2	0.0107	305.43	0.002	190.7	0.0497
305.47	0	197	0.0107	305.47	-0.004	190.2	0.0497
305.50	-0.001	197	0.0062	305.50	-0.005	190.2	0.0417
305.53	-0.001	196.8	0.0027	305.53	-0.005	189.9	0.0355
305.57	-0.002	196.5	-0.0009	305.57	-0.007	189.4	0.0293
305.60	-0.006	196.2	-0.0053	305.60	-0.012	188.9	0.0213
305.63	-0.007	196	-0.008	305.63	-0.013	188.6	0.016
305.67	-0.008	195.7	-0.0124	305.67	-0.015	188.1	0.0089
305.70	-0.011	195.4	-0.0124	305.70	-0.019	187.6	0.0089
305.73	-0.012	195.4	-0.016	305.73	-0.02	187.6	0.0036
305.77	-0.012	195.1	-0.0178	305.77	-0.02	187.3	-0.0009
305.80	-0.013	194.9	-0.0204	305.80	-0.022	186.8	-0.0053
305.85	-0.015	194.7	-0.0222	305.83	-0.025	186.4	-0.0098
305.88	-0.015	194.5	-0.024	305.87	-0.026	186.1	-0.0124
305.90	-0.015	194.3	-0.0249	305.90	-0.026	185.8	-0.016
305.93	-0.016	194.1	-0.0266	305.93	-0.028	185.5	-0.016
305.97	-0.017	194	-0.0275	305.97	-0.028	185.3	-0.0178
306.00	-0.017	193.8	-0.0284	306.00	-0.028	185.3	-0.0195
306.03	-0.017	193.7	-0.0284	306.03	-0.029	185.1	-0.0204
306.07	-0.017	193.7	-0.0284	306.07	-0.029	184.9	-0.0204
306.10	-0.017	193.6	-0.0284	306.10	-0.028	184.7	-0.0213
306.13	-0.017	193.5	-0.0284	306.13	-0.028	184.6	-0.0213
306.17	-0.017	193.4	-0.0284	306.17	-0.027	184.5	-0.0213
306.20	-0.016	193.4	-0.0275	306.20	-0.026	184.5	-0.0195
306.23	-0.016	193.4	-0.0266	306.23	-0.026	184.5	-0.0195
306.27	-0.014	193.4	-0.0266	306.28	-0.024	184.5	-0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
306.30	-0.013	193.4	-0.0249	306.32	-0.022	184.5	-0.016
306.33	-0.013	193.4	-0.024	306.33	-0.022	184.5	-0.0142
306.37	-0.012	193.4	-0.0213	306.37	-0.021	184.5	-0.0107
306.40	-0.01	193.5	-0.0195	306.40	-0.018	184.8	-0.0062
306.43	-0.009	193.6	-0.0178	306.43	-0.015	184.9	-0.0027
306.47	-0.007	193.7	-0.0151	306.47	-0.014	185	0.0009
306.50	-0.005	193.9	-0.0151	306.50	-0.011	185.4	0.0062
306.53	-0.003	193.9	-0.0115	306.53	-0.007	185.6	0.0062
306.57	-0.003	194	-0.0089	306.57	-0.005	185.6	0.0115
306.60	-0.002	194.1	-0.0053	306.60	-0.005	185.8	0.0178
306.63	0.001	194.4	-0.0018	306.63	-0.002	186.3	0.024
306.67	0.003	194.5	0.0018	306.67	0.002	186.6	0.032
306.70	0.004	194.7	0.0062	306.70	0.004	187	0.0382
306.73	0.008	195	0.0062	306.73	0.007	187.4	0.0453
306.77	0.009	195.2	0.0107	306.77	0.012	187.8	0.0453
306.80	0.009	195.2	0.0133	306.80	0.013	187.8	0.0524
306.83	0.011	195.5	0.0178	306.83	0.013	188.1	0.0586
306.87	0.014	195.8	0.0222	306.87	0.017	188.6	0.0657
306.90	0.015	196	0.0249	306.90	0.021	189	0.0728
306.93	0.017	196.2	0.0293	306.93	0.022	189.3	0.0781
306.97	0.019	196.5	0.0293	306.97	0.025	189.8	0.0852
307.00	0.021	196.8	0.0337	307.00	0.029	190.3	0.0852
307.03	0.021	196.8	0.0364	307.03	0.03	190.3	0.0914
307.07	0.022	197	0.0391	307.07	0.03	190.6	0.0968
307.10	0.024	197.2	0.0417	307.10	0.032	191	0.1021
307.13	0.025	197.4	0.0444	307.13	0.035	191.4	0.1065
307.17	0.026	197.6	0.047	307.17	0.036	191.7	0.1092
307.20	0.027	197.8	0.047	307.20	0.037	192	0.1127
307.23	0.027	198	0.0479	307.23	0.039	192.3	0.1127
307.28	0.028	198.2	0.0497	307.27	0.039	192.3	0.1154
307.32	0.028	198.3	0.0497	307.30	0.039	192.6	0.1172
307.35	0.029	198.5	0.0515	307.33	0.04	192.8	0.1189
307.37	0.029	198.5	0.0524	307.37	0.04	193.1	0.1207
307.40	0.029	198.6	0.0524	307.40	0.04	193.2	0.1207
307.43	0.029	198.7	0.0524	307.43	0.04	193.4	0.1207
307.47	0.029	198.8	0.0524	307.47	0.04	193.5	0.1207
307.50	0.028	198.9	0.0524	307.50	0.04	193.5	0.1207
307.53	0.027	198.9	0.0515	307.53	0.04	193.7	0.1207
307.57	0.026	198.9	0.0515	307.57	0.038	193.7	0.1181
307.60	0.025	198.9	0.0497	307.60	0.036	193.7	0.1163
307.63	0.025	198.9	0.0488	307.63	0.035	193.7	0.1145
307.67	0.024	198.9	0.047	307.67	0.033	193.6	0.111
307.70	0.023	198.9	0.0453	307.72	0.03	193.5	0.1074
307.73	0.022	198.8	0.0435	307.75	0.029	193.5	0.1056
307.77	0.02	198.7	0.0399	307.78	0.027	193.3	0.1012
307.80	0.017	198.6	0.0399	307.80	0.023	193.1	0.1012
307.83	0.017	198.6	0.0373	307.83	0.022	193.1	0.0968
307.87	0.017	198.5	0.0346	307.87	0.022	192.9	0.0923
307.90	0.015	198.3	0.0311	307.90	0.019	192.6	0.0861
307.93	0.011	198.1	0.0275	307.93	0.014	192.3	0.079
307.97	0.01	198	0.024	307.97	0.013	192.1	0.0737
308.00	0.009	197.8	0.0204	308.00	0.01	191.6	0.0666
308.03	0.005	197.5	0.0204	308.03	0.005	191.2	0.0666
308.07	0.004	197.5	0.016	308.07	0.003	191.2	0.0586
308.10	0.004	197.4	0.0133	308.10	0.003	190.9	0.0533
308.13	0.003	197.1	0.0089	308.13	0.001	190.5	0.047
308.17	-0.001	196.8	0.0044	308.17	-0.004	190	0.0391
308.20	-0.002	196.6	0.0009	308.20	-0.006	189.7	0.0328
308.23	-0.004	196.3	-0.0027	308.23	-0.008	189.2	0.0249
308.27	-0.007	196	-0.0027	308.27	-0.013	188.7	0.0249
308.30	-0.007	196	-0.0071	308.30	-0.014	188.7	0.0178
308.33	-0.007	195.8	-0.0098	308.33	-0.014	188.4	0.0124
308.37	-0.009	195.5	-0.0133	308.37	-0.016	187.9	0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
308.40	-0.012	195.2	-0.0169	308.40	-0.02	187.4	0
308.43	-0.012	195	-0.0195	308.43	-0.021	187.1	-0.0036
308.47	-0.013	194.7	-0.0222	308.47	-0.023	186.6	-0.008
308.50	-0.015	194.5	-0.0222	308.50	-0.026	186.2	-0.008
308.53	-0.015	194.5	-0.024	308.53	-0.026	186.2	-0.0124
308.57	-0.015	194.3	-0.0249	308.57	-0.026	186	-0.0151
308.60	-0.016	194.2	-0.0266	308.60	-0.027	185.7	-0.0178
308.63	-0.017	194	-0.0275	308.63	-0.028	185.4	-0.0195
308.67	-0.017	193.8	-0.0284	308.67	-0.029	185.1	-0.0204
308.70	-0.017	193.7	-0.0293	308.70	-0.029	184.9	-0.0213
308.75	-0.017	193.6	-0.0293	308.73	-0.029	184.8	-0.0213
308.78	-0.017	193.5	-0.0293	308.77	-0.028	184.8	-0.0222
308.80	-0.017	193.4	-0.0293	308.80	-0.028	184.6	-0.0222
308.83	-0.017	193.3	-0.0293	308.83	-0.028	184.5	-0.0213
308.87	-0.016	193.3	-0.0293	308.87	-0.027	184.5	-0.0204
308.90	-0.016	193.3	-0.0275	308.90	-0.026	184.4	-0.0195
308.93	-0.015	193.3	-0.0266	308.93	-0.025	184.4	-0.0169
308.97	-0.014	193.3	-0.0249	308.97	-0.022	184.5	-0.0169
309.00	-0.012	193.3	-0.024	309.00	-0.021	184.5	-0.0142
309.03	-0.011	193.4	-0.0213	309.03	-0.021	184.6	-0.0124
309.07	-0.01	193.5	-0.0213	309.07	-0.019	184.7	-0.008
309.10	-0.007	193.6	-0.0195	309.10	-0.015	184.9	-0.0044
309.13	-0.007	193.6	-0.0169	309.13	-0.014	185.1	0
309.17	-0.007	193.7	-0.0142	309.18	-0.012	185.3	0.0053
309.20	-0.004	193.9	-0.0107	309.22	-0.008	185.5	0.008
309.23	-0.002	194	-0.008	309.23	-0.007	185.7	0.0133
309.27	-0.001	194.1	-0.0036	309.27	-0.005	186	0.0204
309.30	0.002	194.4	-0.0036	309.30	0.001	186.4	0.0204
309.33	0.004	194.6	0	309.33	0.003	186.7	0.0293
309.37	0.004	194.6	0.0036	309.37	0.003	186.7	0.0346
309.40	0.005	194.7	0.008	309.40	0.005	187.1	0.0408
309.43	0.008	195.1	0.0115	309.43	0.01	187.6	0.0488
309.47	0.011	195.3	0.016	309.47	0.013	188	0.0541
309.50	0.012	195.5	0.0186	309.50	0.015	188.3	0.0612
309.53	0.013	195.8	0.0222	309.53	0.019	188.8	0.0612
309.57	0.017	196.1	0.0222	309.57	0.022	189.2	0.0692
309.60	0.017	196.1	0.0275	309.60	0.022	189.2	0.0737
309.63	0.017	196.3	0.0311	309.63	0.023	189.5	0.0808
309.67	0.019	196.5	0.0346	309.67	0.027	190.1	0.0879
309.70	0.022	196.8	0.0373	309.70	0.03	190.4	0.0932
309.73	0.022	197	0.0399	309.73	0.03	190.8	0.0976
309.77	0.023	197.2	0.0426	309.77	0.033	191.2	0.0976
309.80	0.026	197.5	0.0426	309.80	0.036	191.5	0.103
309.83	0.026	197.5	0.0453	309.83	0.036	191.5	0.1074
309.87	0.026	197.6	0.0462	309.87	0.036	191.8	0.1101
309.90	0.027	197.9	0.0488	309.90	0.038	192.2	0.1127
309.93	0.028	198	0.0497	309.93	0.039	192.5	0.1154
309.97	0.028	198.2	0.0506	309.97	0.039	192.7	0.1172
310.00	0.029	198.3	0.0515	310.00	0.04	193	0.1181
310.03	0.029	198.5	0.0515	310.03	0.04	193.2	0.1181
310.07	0.029	198.5	0.0524	310.07	0.04	193.2	0.1189
310.10	0.029	198.6	0.0524	310.10	0.04	193.3	0.1198
310.13	0.029	198.7	0.0524	310.13	0.04	193.5	0.1198
310.17	0.029	198.8	0.0524	310.17	0.04	193.6	0.1198
310.22	0.028	198.8	0.0515	310.20	0.039	193.7	0.1181
310.25	0.027	198.9	0.0506	310.23	0.038	193.7	0.1163
310.27	0.026	198.8	0.0488	310.27	0.035	193.7	0.1163
310.30	0.025	198.9	0.0479	310.30	0.034	193.7	0.1136
310.33	0.024	198.8	0.0453	310.33	0.034	193.7	0.111
310.37	0.022	198.7	0.0453	310.37	0.032	193.6	0.1074
310.40	0.021	198.7	0.0435	310.40	0.028	193.4	0.1039
310.43	0.021	198.7	0.0417	310.43	0.027	193.4	0.1012
310.47	0.019	198.6	0.0391	310.47	0.025	193.1	0.0959

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
310.50	0.017	198.4	0.0355	310.50	0.021	192.9	0.0959
310.53	0.015	198.3	0.0337	310.53	0.019	192.9	0.0905
310.57	0.014	198.2	0.0293	310.57	0.019	192.7	0.0861
310.60	0.011	198	0.0293	310.62	0.014	192.1	0.0799
310.63	0.009	198	0.0257	310.65	0.012	192.1	0.0754
310.67	0.009	197.8	0.0222	310.68	0.012	191.9	0.0701
310.70	0.008	197.6	0.0178	310.70	0.009	191.5	0.0621
310.73	0.005	197.3	0.0142	310.73	0.003	191.1	0.0541
310.77	0.003	197.2	0.0107	310.77	0.001	190.8	0.0497
310.80	0.001	196.9	0.0062	310.80	0	190.4	0.0426
310.83	-0.002	196.6	0.0062	310.83	-0.006	189.9	0.0426
310.87	-0.003	196.4	0.0027	310.87	-0.007	189.5	0.0337
310.90	-0.003	196.4	-0.0009	310.90	-0.007	189.5	0.0284
310.93	-0.004	196.2	-0.0044	310.93	-0.01	189.1	0.0204
310.97	-0.007	195.9	-0.0089	310.97	-0.014	188.5	0.0133
311.00	-0.009	195.6	-0.0115	311.00	-0.016	188.2	0.0089
311.03	-0.01	195.4	-0.0142	311.03	-0.017	187.8	0.0036
311.07	-0.012	195.1	-0.0142	311.07	-0.021	187.3	0.0036
311.10	-0.013	194.8	-0.0178	311.10	-0.022	186.9	-0.0027
311.13	-0.013	194.8	-0.0195	311.13	-0.022	186.9	-0.0062
311.17	-0.014	194.7	-0.0213	311.17	-0.023	186.6	-0.0107
311.20	-0.015	194.4	-0.024	311.20	-0.026	186.1	-0.0142
311.23	-0.016	194.2	-0.0257	311.23	-0.027	185.8	-0.0169
311.27	-0.016	194.1	-0.0266	311.27	-0.027	185.5	-0.0195
311.30	-0.017	193.9	-0.0275	311.30	-0.028	185.3	-0.0195
311.33	-0.017	193.7	-0.0275	311.33	-0.029	185	-0.0213
311.37	-0.017	193.7	-0.0284	311.37	-0.029	185	-0.0231
311.40	-0.017	193.6	-0.0284	311.40	-0.029	184.9	-0.0231
311.43	-0.017	193.5	-0.0293	311.43	-0.029	184.7	-0.0231
311.47	-0.017	193.4	-0.0293	311.47	-0.028	184.6	-0.0231
311.50	-0.016	193.4	-0.0284	311.50	-0.028	184.5	-0.0222
311.53	-0.016	193.3	-0.0275	311.53	-0.027	184.5	-0.0222
311.57	-0.015	193.3	-0.0275	311.57	-0.025	184.5	-0.0213
311.60	-0.014	193.3	-0.0266	311.60	-0.025	184.5	-0.0195
311.65	-0.013	193.3	-0.024	311.63	-0.024	184.5	-0.0169
311.68	-0.012	193.3	-0.024	311.67	-0.022	184.6	-0.0142
311.72	-0.011	193.3	-0.0231	311.70	-0.019	184.7	-0.0115
311.73	-0.011	193.4	-0.0204	311.73	-0.018	184.8	-0.008
311.77	-0.01	193.5	-0.0178	311.77	-0.015	185	-0.0036
311.80	-0.006	193.6	-0.0151	311.80	-0.012	185.2	-0.0036
311.83	-0.006	193.7	-0.0133	311.83	-0.012	185.2	0.0009
311.87	-0.004	193.9	-0.0089	311.87	-0.01	185.4	0.0062
311.90	-0.001	194.1	-0.0089	311.90	-0.007	185.8	0.0124
311.93	0	194.1	-0.0053	311.93	-0.003	186	0.0178
311.97	0	194.2	-0.0027	311.97	-0.002	186.3	0.024
312.00	0.002	194.4	0.0009	312.00	0.002	186.8	0.0328
312.03	0.005	194.7	0.0053	312.03	0.006	187.2	0.0328
312.07	0.006	194.8	0.0089	312.08	0.008	187.5	0.0435
312.10	0.008	195.1	0.0133	312.12	0.01	187.8	0.0488
312.13	0.012	195.4	0.0133	312.13	0.014	188.2	0.0488
312.17	0.013	195.4	0.0169	312.17	0.014	188.2	0.0559
312.20	0.013	195.6	0.0195	312.20	0.016	188.5	0.063
312.23	0.014	195.8	0.024	312.23	0.02	189	0.0701
312.27	0.017	196.1	0.0293	312.27	0.024	189.5	0.0772
312.30	0.018	196.4	0.032	312.30	0.025	189.8	0.0826
312.33	0.02	196.6	0.0355	312.33	0.027	190.2	0.0888
312.37	0.022	196.9	0.0355	312.37	0.031	190.6	0.0888
312.40	0.023	197.1	0.0391	312.40	0.032	190.6	0.0941
312.43	0.023	197.1	0.0408	312.43	0.032	191	0.0985
312.47	0.024	197.3	0.0444	312.47	0.033	191.4	0.103
312.50	0.026	197.5	0.0462	312.50	0.036	191.7	0.1074
312.53	0.027	197.7	0.0479	312.53	0.037	192	0.1101
312.57	0.027	197.9	0.0497	312.57	0.038	192.4	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
312.60	0.028	198.1	0.0497	312.60	0.04	192.6	0.1136
312.63	0.029	198.2	0.0506	312.63	0.04	192.6	0.1163
312.67	0.029	198.2	0.0515	312.67	0.04	192.9	0.1172
312.70	0.029	198.4	0.0524	312.70	0.04	193	0.1181
312.73	0.029	198.5	0.0524	312.73	0.04	193.2	0.1181
312.77	0.029	198.6	0.0524	312.77	0.04	193.4	0.1189
312.80	0.029	198.7	0.0524	312.80	0.04	193.5	0.1189
312.83	0.028	198.8	0.0524	312.83	0.04	193.7	0.1189
312.87	0.027	198.8	0.0524	312.87	0.038	193.7	0.1189
312.90	0.027	198.8	0.0515	312.90	0.038	193.7	0.1172
312.93	0.026	198.8	0.0497	312.93	0.037	193.7	0.1136
312.97	0.025	198.8	0.0479	312.97	0.034	193.7	0.1118
313.00	0.024	198.8	0.0462	313.00	0.033	193.6	0.1092
313.03	0.023	198.7	0.0453	313.03	0.031	193.5	0.1065
313.07	0.022	198.7	0.0426	313.07	0.027	193.4	0.1065
313.12	0.019	198.6	0.0399	313.10	0.026	193.4	0.103
313.15	0.019	198.5	0.0382	313.13	0.026	193.3	0.0994
313.17	0.017	198.4	0.0355	313.17	0.024	193.1	0.0941
313.20	0.014	198.2	0.0355	313.20	0.02	192.8	0.0879
313.23	0.013	198.2	0.032	313.23	0.018	192.6	0.0826
313.27	0.013	198.1	0.0293	313.27	0.016	192.3	0.0763
313.30	0.011	197.9	0.0249	313.30	0.01	191.9	0.0763
313.33	0.008	197.7	0.0213	313.33	0.009	191.9	0.0701
313.37	0.007	197.5	0.0178	313.37	0.009	191.6	0.0639
313.40	0.005	197.3	0.0142	313.40	0.006	191.2	0.0568
313.43	0.002	197	0.0142	313.43	0.001	190.8	0.0497
313.47	0.001	197	0.0098	313.47	-0.001	190.4	0.0444
313.50	0.001	196.8	0.0062	313.52	-0.003	190	0.0364
313.53	-0.001	196.5	0.0018	313.55	-0.006	189.6	0.0328
313.57	-0.005	196.3	-0.0027	313.58	-0.009	189.3	0.0257
313.60	-0.005	196.1	-0.0053	313.60	-0.011	188.9	0.0186
313.63	-0.006	195.8	-0.0089	313.63	-0.015	188.3	0.0186
313.67	-0.01	195.5	-0.0089	313.67	-0.017	187.9	0.0115
313.70	-0.01	195.5	-0.0133	313.70	-0.017	187.9	0.0062
313.73	-0.01	195.2	-0.0151	313.73	-0.018	187.6	0.0009
313.77	-0.011	195	-0.0178	313.77	-0.021	187.1	-0.0044
313.80	-0.014	194.7	-0.0204	313.80	-0.023	186.6	-0.008
313.83	-0.014	194.6	-0.0222	313.83	-0.024	186.3	-0.0115
313.87	-0.015	194.3	-0.024	313.87	-0.026	186	-0.0115
313.90	-0.016	194.1	-0.024	313.90	-0.027	185.7	-0.016
313.93	-0.017	194.1	-0.0257	313.93	-0.027	185.7	-0.0178
313.97	-0.017	194	-0.0266	313.97	-0.028	185.4	-0.0195
314.00	-0.017	193.8	-0.0275	314.00	-0.028	185.2	-0.0213
314.03	-0.017	193.7	-0.0284	314.03	-0.029	184.9	-0.0222
314.07	-0.017	193.6	-0.0284	314.07	-0.029	184.8	-0.0231
314.10	-0.017	193.5	-0.0284	314.10	-0.029	184.7	-0.0231
314.13	-0.017	193.4	-0.0284	314.13	-0.028	184.5	-0.0231
314.17	-0.016	193.4	-0.0284	314.17	-0.027	184.5	-0.0222
314.20	-0.016	193.3	-0.0275	314.20	-0.027	184.4	-0.0213
314.23	-0.015	193.3	-0.0257	314.23	-0.026	184.4	-0.0204
314.27	-0.014	193.3	-0.0257	314.27	-0.024	184.5	-0.0178
314.30	-0.013	193.3	-0.024	314.30	-0.023	184.5	-0.016
314.33	-0.013	193.3	-0.0222	314.33	-0.022	184.6	-0.0133
314.37	-0.011	193.4	-0.0222	314.37	-0.018	184.7	-0.0133
314.40	-0.009	193.5	-0.0204	314.40	-0.017	184.7	-0.0098
314.43	-0.009	193.5	-0.0186	314.43	-0.017	184.8	-0.0062
314.47	-0.008	193.5	-0.016	314.47	-0.015	185.1	-0.0018
314.50	-0.006	193.7	-0.0124	314.50	-0.011	185.3	0.0036
314.55	-0.004	193.8	-0.0098	314.53	-0.009	185.5	0.0089
314.58	-0.004	193.9	-0.008	314.57	-0.007	185.8	0.0151
314.62	-0.001	194.2	-0.0044	314.60	-0.002	186.2	0.0151
314.63	0.001	194.3	-0.0009	314.63	0	186.2	0.0213
314.67	0.002	194.5	0.0036	314.67	0	186.4	0.0284

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
314.70	0.005	194.8	0.0071	314.70	0.002	186.8	0.0346
314.73	0.008	195	0.0071	314.73	0.009	187.3	0.0435
314.77	0.008	195	0.0115	314.77	0.01	187.6	0.0479
314.80	0.009	195.1	0.0151	314.80	0.012	188.1	0.055
314.83	0.012	195.5	0.0195	314.83	0.017	188.5	0.055
314.87	0.014	195.7	0.0222	314.87	0.019	188.5	0.0639
314.90	0.015	195.9	0.0275	314.90	0.019	188.8	0.0683
314.93	0.017	196.2	0.0311	314.93	0.021	189.3	0.0754
314.97	0.02	196.5	0.0311	314.98	0.026	189.7	0.0826
315.00	0.02	196.5	0.0346	315.02	0.026	190	0.0861
315.03	0.02	196.7	0.0373	315.03	0.028	190.4	0.0914
315.07	0.022	197	0.0408	315.07	0.032	190.8	0.0985
315.10	0.024	197.2	0.0426	315.10	0.032	191.1	0.1012
315.13	0.025	197.4	0.0453	315.13	0.034	191.5	0.1056
315.17	0.026	197.6	0.047	315.17	0.037	191.9	0.1056
315.20	0.027	197.8	0.047	315.20	0.038	191.9	0.1101
315.23	0.027	197.8	0.0497	315.23	0.038	192.2	0.1127
315.27	0.027	197.9	0.0506	315.27	0.038	192.4	0.1145
315.30	0.028	198.1	0.0515	315.30	0.04	192.7	0.1172
315.33	0.029	198.3	0.0524	315.33	0.04	192.9	0.1181
315.37	0.029	198.4	0.0524	315.37	0.04	193.1	0.1189
315.40	0.029	198.5	0.0533	315.40	0.04	193.3	0.1189
315.43	0.029	198.6	0.0533	315.43	0.04	193.5	0.1198
315.47	0.028	198.6	0.0533	315.47	0.04	193.5	0.1198
315.50	0.028	198.7	0.0533	315.50	0.04	193.6	0.1198
315.53	0.028	198.8	0.0524	315.53	0.039	193.7	0.1189
315.57	0.027	198.8	0.0515	315.57	0.038	193.7	0.1172
315.60	0.026	198.8	0.0497	315.60	0.036	193.7	0.1145
315.63	0.025	198.8	0.0479	315.63	0.034	193.6	0.1118
315.67	0.023	198.8	0.0479	315.67	0.032	193.6	0.1118
315.70	0.022	198.8	0.0462	315.70	0.032	193.6	0.1092
315.73	0.022	198.7	0.0453	315.73	0.03	193.5	0.1056
315.77	0.021	198.6	0.0417	315.77	0.028	193.3	0.1012
315.80	0.018	198.5	0.0391	315.80	0.024	193.1	0.0976
315.83	0.017	198.4	0.0373	315.83	0.023	193	0.0923
315.87	0.016	198.3	0.0337	315.87	0.02	192.7	0.087
315.90	0.012	198.1	0.0337	315.90	0.016	192.4	0.087
315.93	0.011	197.9	0.0302	315.93	0.014	192.4	0.0817
315.97	0.011	197.9	0.0275	315.97	0.014	192.2	0.0754
316.02	0.007	197.6	0.0222	316.00	0.011	191.8	0.0692
316.05	0.006	197.4	0.0204	316.03	0.006	191.4	0.0621
316.07	0.006	197.4	0.0178	316.07	0.005	191.1	0.0559
316.10	0.004	197.2	0.0133	316.10	0.001	190.6	0.0488
316.13	0.001	196.9	0.0089	316.13	-0.003	190.2	0.0488
316.17	-0.001	196.7	0.0053	316.17	-0.004	190.2	0.0417
316.20	-0.002	196.5	0.0018	316.20	-0.004	189.9	0.0355
316.23	-0.005	196.2	0.0018	316.23	-0.008	189.3	0.0275
316.27	-0.007	195.9	-0.0027	316.27	-0.011	188.9	0.0204
316.30	-0.007	195.9	-0.0062	316.30	-0.013	188.5	0.0142
316.33	-0.007	195.7	-0.0089	316.33	-0.016	188	0.008
316.37	-0.009	195.4	-0.0133	316.37	-0.019	187.6	0.008
316.40	-0.012	195.1	-0.016	316.40	-0.02	187.6	0.0018
316.43	-0.012	194.9	-0.0178	316.45	-0.022	186.8	-0.0053
316.47	-0.013	194.6	-0.0178	316.48	-0.023	186.5	-0.0053
316.50	-0.015	194.4	-0.0204	316.50	-0.025	186.5	-0.008
316.53	-0.015	194.4	-0.0231	316.53	-0.025	186.2	-0.0124
316.57	-0.015	194.3	-0.024	316.57	-0.026	185.9	-0.0151
316.60	-0.016	194.1	-0.0257	316.60	-0.028	185.5	-0.0186
316.63	-0.017	193.9	-0.0266	316.63	-0.028	185.3	-0.0195
316.67	-0.017	193.7	-0.0275	316.67	-0.028	185.1	-0.0213
316.70	-0.017	193.6	-0.0275	316.70	-0.029	184.9	-0.0213
316.73	-0.017	193.5	-0.0275	316.73	-0.028	184.9	-0.0222
316.77	-0.017	193.5	-0.0275	316.77	-0.028	184.7	-0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
316.80	-0.017	193.4	-0.0275	316.80	-0.028	184.6	-0.0222
316.83	-0.017	193.3	-0.0275	316.83	-0.028	184.5	-0.0213
316.87	-0.016	193.3	-0.0266	316.87	-0.027	184.4	-0.0204
316.90	-0.015	193.2	-0.0257	316.90	-0.026	184.4	-0.0186
316.93	-0.014	193.3	-0.024	316.93	-0.024	184.5	-0.0186
316.97	-0.013	193.3	-0.024	316.97	-0.022	184.5	-0.0169
317.00	-0.012	193.3	-0.0222	317.00	-0.022	184.5	-0.0142
317.03	-0.012	193.3	-0.0213	317.03	-0.02	184.6	-0.0115
317.07	-0.011	193.4	-0.0186	317.07	-0.017	184.7	-0.008
317.10	-0.008	193.5	-0.0169	317.10	-0.016	184.9	-0.0044
317.13	-0.007	193.6	-0.0142	317.13	-0.014	185.1	0.0009
317.17	-0.006	193.7	-0.0115	317.17	-0.009	185.4	0.0009
317.20	-0.002	193.9	-0.0115	317.20	-0.008	185.4	0.0062
317.23	-0.002	193.9	-0.0071	317.23	-0.008	185.6	0.0115
317.27	-0.002	194	-0.0044	317.27	-0.005	186	0.0178
317.30	0	194.2	0	317.30	0	186.3	0.0257
317.33	0.004	194.5	0.0036	317.33	0.001	186.6	0.0311
317.37	0.005	194.6	0.0062	317.37	0.004	187.1	0.0382
317.40	0.006	194.9	0.0107	317.40	0.01	187.5	0.0382
317.45	0.01	195.1	0.0151	317.43	0.011	187.5	0.0462
317.48	0.01	195.3	0.0169	317.47	0.011	187.8	0.0524
317.52	0.012	195.6	0.0213	317.50	0.013	188.2	0.0586
317.53	0.015	195.8	0.0213	317.53	0.019	188.7	0.0666
317.57	0.016	195.8	0.0249	317.57	0.02	189	0.0719
317.60	0.016	196	0.0284	317.60	0.022	189.5	0.0781
317.63	0.017	196.3	0.0328	317.63	0.027	189.9	0.0781
317.67	0.02	196.6	0.0364	317.67	0.028	189.9	0.0852
317.70	0.021	196.8	0.0382	317.70	0.028	190.2	0.0905
317.73	0.022	197	0.0417	317.73	0.03	190.7	0.0968
317.77	0.024	197.2	0.0417	317.77	0.033	191.1	0.1021
317.80	0.026	197.4	0.0444	317.80	0.034	191.4	0.1056
317.83	0.026	197.4	0.0462	317.83	0.036	191.8	0.1101
317.87	0.026	197.6	0.0488	317.88	0.038	192.1	0.1127
317.90	0.027	197.8	0.0506	317.92	0.038	192.3	0.1145
317.93	0.028	198	0.0515	317.95	0.039	192.6	0.1163
317.97	0.028	198.2	0.0524	317.97	0.04	192.8	0.1163
318.00	0.029	198.3	0.0524	318.00	0.04	192.8	0.1181
318.03	0.029	198.4	0.0533	318.03	0.04	193.1	0.1198
318.07	0.029	198.4	0.0533	318.07	0.04	193.3	0.1198
318.10	0.029	198.6	0.0541	318.10	0.04	193.4	0.1198
318.13	0.029	198.6	0.0541	318.13	0.04	193.6	0.1207
318.17	0.028	198.7	0.0533	318.17	0.04	193.7	0.1198
318.20	0.028	198.8	0.0524	318.20	0.039	193.7	0.1198
318.23	0.027	198.8	0.0515	318.23	0.037	193.7	0.1189
318.27	0.025	198.8	0.0515	318.27	0.037	193.7	0.1172
318.30	0.024	198.8	0.0497	318.30	0.036	193.8	0.1145
318.33	0.024	198.8	0.0488	318.33	0.033	193.7	0.1118
318.37	0.024	198.7	0.047	318.37	0.031	193.6	0.1083
318.40	0.021	198.7	0.0444	318.40	0.029	193.5	0.1047
318.43	0.02	198.6	0.0426	318.43	0.026	193.3	0.1047
318.47	0.019	198.5	0.0391	318.47	0.023	193.1	0.1012
318.50	0.016	198.4	0.0391	318.50	0.023	193.1	0.0968
318.53	0.015	198.4	0.0364	318.53	0.022	193	0.0914
318.57	0.015	198.3	0.0337	318.57	0.018	192.6	0.0852
318.60	0.013	198	0.0302	318.60	0.015	192.3	0.0799
318.63	0.009	197.8	0.0249	318.63	0.013	192.1	0.0737
318.67	0.009	197.7	0.0222	318.67	0.008	191.6	0.0737
318.70	0.007	197.5	0.0186	318.70	0.005	191.3	0.0657
318.73	0.003	197.2	0.0186	318.73	0.005	191.3	0.0595
318.77	0.002	197.2	0.0142	318.77	0.003	191	0.0524
318.80	0.002	197	0.0107	318.80	-0.001	190.4	0.0444
318.83	0.001	196.7	0.0062	318.83	-0.004	190.1	0.0382
318.87	-0.003	196.5	0.0027	318.87	-0.006	189.7	0.032

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
318.92	-0.004	196.3	-0.0009	318.90	-0.01	189.2	0.032
318.95	-0.004	196.1	-0.0027	318.93	-0.012	188.7	0.024
318.97	-0.007	195.8	-0.0071	318.97	-0.012	188.7	0.0186
319.00	-0.008	195.6	-0.0098	319.00	-0.014	188.4	0.0115
319.03	-0.009	195.2	-0.0133	319.03	-0.018	187.8	0.0053
319.07	-0.012	195	-0.0133	319.07	-0.02	187.4	0
319.10	-0.013	195	-0.0169	319.10	-0.021	187.1	-0.0044
319.13	-0.013	194.8	-0.0186	319.13	-0.024	186.6	-0.0044
319.17	-0.013	194.6	-0.0204	319.17	-0.025	186.3	-0.0089
319.20	-0.015	194.3	-0.0231	319.20	-0.025	186.3	-0.0124
319.23	-0.016	194.1	-0.024	319.23	-0.026	186	-0.0151
319.27	-0.016	194	-0.0257	319.27	-0.027	185.6	-0.0169
319.30	-0.017	193.8	-0.0257	319.30	-0.028	185.4	-0.0195
319.33	-0.017	193.8	-0.0266	319.35	-0.028	185.1	-0.0204
319.37	-0.017	193.7	-0.0266	319.38	-0.029	184.9	-0.0213
319.40	-0.017	193.5	-0.0275	319.40	-0.029	184.8	-0.0213
319.43	-0.017	193.4	-0.0275	319.43	-0.028	184.6	-0.0222
319.47	-0.017	193.3	-0.0275	319.47	-0.028	184.5	-0.0222
319.50	-0.017	193.3	-0.0266	319.50	-0.027	184.4	-0.0222
319.53	-0.016	193.3	-0.0266	319.53	-0.026	184.4	-0.0213
319.57	-0.015	193.2	-0.0257	319.57	-0.026	184.4	-0.0195
319.60	-0.015	193.2	-0.0249	319.60	-0.025	184.4	-0.0178
319.63	-0.014	193.2	-0.0231	319.63	-0.023	184.5	-0.0151
319.67	-0.012	193.3	-0.0213	319.67	-0.022	184.5	-0.0124
319.70	-0.011	193.3	-0.0204	319.70	-0.02	184.7	-0.0098
319.73	-0.01	193.4	-0.0178	319.73	-0.016	184.8	-0.0098
319.77	-0.008	193.5	-0.0178	319.77	-0.015	184.8	-0.0044
319.80	-0.006	193.6	-0.0151	319.80	-0.015	184.9	-0.0018
319.83	-0.006	193.6	-0.0124	319.83	-0.013	185.2	0.0027
319.87	-0.005	193.7	-0.0098	319.87	-0.008	185.5	0.0089
319.90	-0.003	193.9	-0.0062	319.90	-0.006	185.7	0.0142
319.93	0	194.1	-0.0036	319.93	-0.004	186.1	0.0204
319.97	0.001	194.2	0	319.97	0.001	186.5	0.0204
320.00	0.004	194.5	0.0053	320.00	0.003	186.5	0.0293
320.03	0.006	194.7	0.0053	320.03	0.003	186.8	0.0346
320.07	0.006	194.7	0.008	320.07	0.005	187.2	0.0417
320.10	0.007	194.9	0.0124	320.10	0.011	187.6	0.0497
320.13	0.01	195.2	0.0169	320.13	0.012	188	0.055
320.17	0.012	195.5	0.0204	320.17	0.015	188.4	0.0621
320.20	0.014	195.7	0.024	320.20	0.02	188.8	0.0621
320.23	0.015	196	0.0284	320.23	0.021	188.8	0.0701
320.27	0.018	196.2	0.0284	320.27	0.021	189.2	0.0754
320.30	0.019	196.2	0.032	320.30	0.023	189.6	0.0817
320.33	0.019	196.4	0.0355	320.33	0.028	190.1	0.0888
320.38	0.022	196.9	0.0391	320.37	0.029	190.4	0.0932
320.42	0.023	196.9	0.0408	320.40	0.031	190.9	0.0994
320.43	0.023	197.1	0.0426	320.43	0.034	191.2	0.0994
320.47	0.024	197.3	0.0453	320.47	0.035	191.2	0.1047
320.50	0.026	197.5	0.0479	320.50	0.035	191.5	0.1074
320.53	0.027	197.7	0.0497	320.53	0.036	191.9	0.111
320.57	0.027	197.9	0.0506	320.57	0.038	192.2	0.1145
320.60	0.028	198.1	0.0506	320.60	0.039	192.5	0.1163
320.63	0.029	198.1	0.0524	320.63	0.039	192.7	0.1181
320.67	0.029	198.2	0.0533	320.67	0.04	193	0.1181
320.70	0.029	198.4	0.0533	320.70	0.04	193	0.1189
320.73	0.029	198.5	0.0541	320.73	0.04	193.2	0.1198
320.77	0.029	198.6	0.0541	320.78	0.04	193.5	0.1207
320.80	0.029	198.7	0.0541	320.82	0.04	193.6	0.1207
320.83	0.028	198.7	0.0541	320.85	0.04	193.6	0.1207
320.87	0.027	198.7	0.0533	320.87	0.04	193.7	0.1198
320.90	0.027	198.8	0.0524	320.90	0.038	193.8	0.1181
320.93	0.027	198.8	0.0515	320.93	0.036	193.8	0.1163
320.97	0.025	198.8	0.0497	320.97	0.035	193.8	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
321.00	0.024	198.8	0.0479	321.00	0.032	193.6	0.1101
321.03	0.023	198.7	0.0462	321.03	0.03	193.6	0.1101
321.07	0.021	198.6	0.0462	321.07	0.03	193.6	0.1074
321.10	0.019	198.6	0.0435	321.10	0.029	193.5	0.103
321.13	0.019	198.6	0.0417	321.13	0.026	193.2	0.0985
321.17	0.018	198.5	0.0382	321.17	0.022	193	0.0941
321.20	0.016	198.3	0.0355	321.20	0.021	192.9	0.0897
321.23	0.014	198.2	0.0328	321.23	0.017	192.5	0.0834
321.27	0.012	198	0.0284	321.27	0.013	192.2	0.0834
321.30	0.009	197.8	0.0284	321.30	0.012	192.2	0.0772
321.33	0.008	197.6	0.024	321.33	0.012	191.9	0.071
321.37	0.008	197.6	0.0213	321.37	0.008	191.5	0.0639
321.40	0.006	197.4	0.0169	321.40	0.004	191.1	0.0559
321.43	0.003	197.1	0.0133	321.43	0.002	190.8	0.0506
321.47	0.001	196.9	0.0098	321.47	-0.001	190.3	0.0435
321.50	0	196.7	0.0053	321.50	-0.006	189.8	0.0435
321.53	-0.003	196.4	0.0053	321.53	-0.007	189.8	0.0355
321.57	-0.005	196.1	0.0009	321.57	-0.007	189.5	0.0293
321.60	-0.005	196.1	-0.0018	321.60	-0.01	189	0.0222
321.63	-0.006	195.9	-0.0053	321.63	-0.014	188.5	0.0151
321.67	-0.008	195.6	-0.0089	321.67	-0.016	188.2	0.0098
321.70	-0.01	195.3	-0.0124	321.70	-0.017	187.7	0.0044
321.73	-0.011	195.1	-0.0151	321.73	-0.021	187.3	0.0044
321.77	-0.012	194.8	-0.0151	321.77	-0.022	187.3	-0.0018
321.82	-0.014	194.6	-0.0195	321.80	-0.022	186.9	-0.0053
321.85	-0.014	194.4	-0.0204	321.83	-0.023	186.5	-0.0089
321.88	-0.015	194.2	-0.0231	321.87	-0.026	186.1	-0.0133
321.90	-0.016	194	-0.0231	321.90	-0.027	185.8	-0.016
321.93	-0.016	194	-0.024	321.93	-0.027	185.5	-0.0186
321.97	-0.016	193.9	-0.0249	321.97	-0.029	185.3	-0.0186
322.00	-0.017	193.7	-0.0257	322.00	-0.028	185.3	-0.0204
322.03	-0.017	193.6	-0.0266	322.03	-0.028	185.1	-0.0213
322.07	-0.017	193.5	-0.0266	322.07	-0.029	184.9	-0.0222
322.10	-0.017	193.4	-0.0266	322.10	-0.029	184.7	-0.0222
322.13	-0.017	193.3	-0.0266	322.13	-0.028	184.6	-0.0222
322.17	-0.016	193.3	-0.0266	322.17	-0.028	184.5	-0.0204
322.20	-0.016	193.2	-0.0257	322.20	-0.026	184.5	-0.0204
322.23	-0.016	193.2	-0.0249	322.25	-0.025	184.4	-0.0186
322.27	-0.014	193.2	-0.024	322.28	-0.025	184.4	-0.0169
322.30	-0.013	193.3	-0.0222	322.30	-0.022	184.5	-0.0169
322.33	-0.012	193.3	-0.0204	322.33	-0.021	184.5	-0.0151
322.37	-0.011	193.3	-0.0204	322.37	-0.021	184.5	-0.0115
322.40	-0.01	193.3	-0.0186	322.40	-0.019	184.7	-0.008
322.43	-0.01	193.4	-0.016	322.43	-0.015	184.9	-0.0036
322.47	-0.008	193.6	-0.0133	322.47	-0.014	185	0
322.50	-0.005	193.7	-0.0107	322.50	-0.012	185.3	0.0053
322.53	-0.004	193.8	-0.008	322.53	-0.007	185.6	0.0053
322.57	-0.002	194	-0.0044	322.57	-0.005	185.6	0.0115
322.60	0.001	194.2	-0.0044	322.60	-0.005	185.8	0.0169
322.63	0.002	194.2	-0.0009	322.63	-0.003	186.2	0.0231
322.67	0.002	194.3	0.0018	322.67	0.003	186.6	0.032
322.70	0.003	194.6	0.0062	322.70	0.004	186.9	0.0373
322.73	0.007	194.8	0.0107	322.73	0.007	187.3	0.0444
322.77	0.008	195	0.0142	322.77	0.012	187.8	0.0444
322.80	0.01	195.3	0.0178	322.80	0.014	187.8	0.0524
322.83	0.014	195.6	0.0178	322.83	0.014	188.1	0.0577
322.87	0.015	195.6	0.0222	322.87	0.016	188.5	0.0657
322.90	0.015	195.8	0.0249	322.90	0.021	189	0.0728
322.93	0.016	196	0.0302	322.93	0.022	189.4	0.0781
322.97	0.019	196.3	0.0346	322.97	0.024	189.8	0.0843
323.00	0.02	196.5	0.0373	323.00	0.029	190.2	0.0843
323.03	0.021	196.8	0.0399	323.03	0.03	190.6	0.0914
323.07	0.023	197	0.0399	323.07	0.03	190.6	0.0959

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
323.10	0.024	197	0.0426	323.10	0.032	190.9	0.1012
323.13	0.024	197.2	0.0453	323.13	0.034	191.3	0.1056
323.17	0.025	197.4	0.0479	323.17	0.036	191.7	0.1092
323.20	0.027	197.7	0.0497	323.20	0.037	192	0.1127
323.23	0.027	197.8	0.0506	323.23	0.038	192.3	0.1127
323.28	0.028	198	0.0524	323.27	0.039	192.6	0.1154
323.32	0.027	198.1	0.0524	323.30	0.039	192.6	0.1172
323.33	0.028	198.3	0.0533	323.33	0.04	192.8	0.1189
323.37	0.028	198.4	0.0541	323.37	0.04	193.1	0.1207
323.40	0.029	198.5	0.0541	323.40	0.04	193.2	0.1207
323.43	0.029	198.5	0.0541	323.43	0.04	193.4	0.1207
323.47	0.029	198.6	0.0541	323.47	0.04	193.5	0.1207
323.50	0.029	198.7	0.0541	323.50	0.04	193.6	0.1207
323.53	0.028	198.8	0.0533	323.53	0.04	193.6	0.1207
323.57	0.027	198.8	0.0524	323.57	0.038	193.7	0.1181
323.60	0.026	198.8	0.0506	323.60	0.037	193.7	0.1154
323.63	0.025	198.8	0.0506	323.63	0.034	193.7	0.1136
323.67	0.023	198.7	0.0497	323.67	0.033	193.7	0.1118
323.70	0.023	198.7	0.0479	323.72	0.031	193.6	0.1101
323.73	0.022	198.7	0.0453	323.75	0.03	193.6	0.1074
323.77	0.021	198.6	0.0435	323.77	0.028	193.4	0.103
323.80	0.018	198.5	0.0408	323.80	0.025	193.2	0.0985
323.83	0.017	198.4	0.0382	323.83	0.021	192.9	0.0985
323.87	0.015	198.2	0.0337	323.87	0.019	192.9	0.0923
323.90	0.012	198.1	0.0337	323.90	0.019	192.7	0.0879
323.93	0.012	198.1	0.0311	323.93	0.017	192.4	0.0808
323.97	0.012	197.9	0.0284	323.97	0.012	192	0.0746
324.00	0.009	197.7	0.0231	324.00	0.01	191.8	0.0683
324.03	0.006	197.5	0.0195	324.03	0.007	191.3	0.0612
324.07	0.005	197.3	0.016	324.07	0.002	190.9	0.0612
324.10	0.003	197	0.016	324.10	0	190.9	0.0541
324.13	0	196.8	0.0124	324.13	0	190.6	0.0479
324.17	0	196.8	0.008	324.17	-0.002	190.1	0.0408
324.20	-0.001	196.6	0.0044	324.20	-0.006	189.7	0.0328
324.23	-0.003	196.3	0	324.23	-0.008	189.3	0.0257
324.27	-0.006	196	-0.0036	324.27	-0.011	188.8	0.0186
324.30	-0.007	195.8	-0.0062	324.30	-0.015	188.4	0.0186
324.33	-0.009	195.5	-0.0107	324.33	-0.017	188.4	0.0124
324.37	-0.011	195.2	-0.0107	324.37	-0.017	188	0.0071
324.40	-0.011	195.2	-0.0133	324.40	-0.018	187.5	0.0018
324.43	-0.012	195	-0.016	324.43	-0.022	187.1	-0.0036
324.47	-0.013	194.7	-0.0186	324.47	-0.023	186.7	-0.0071
324.50	-0.015	194.5	-0.0204	324.50	-0.024	186.4	-0.0115
324.53	-0.015	194.3	-0.0222	324.53	-0.026	186	-0.0115
324.57	-0.016	194.1	-0.024	324.57	-0.027	186	-0.0151
324.60	-0.017	193.9	-0.024	324.60	-0.027	185.7	-0.0169
324.63	-0.017	193.9	-0.0249	324.63	-0.028	185.4	-0.0186
324.67	-0.017	193.8	-0.0257	324.67	-0.028	185.2	-0.0204
324.72	-0.017	193.5	-0.0266	324.70	-0.029	185	-0.0213
324.75	-0.017	193.5	-0.0266	324.73	-0.029	184.8	-0.0222
324.78	-0.017	193.4	-0.0266	324.77	-0.028	184.7	-0.0222
324.80	-0.017	193.3	-0.0266	324.80	-0.028	184.7	-0.0222
324.83	-0.017	193.3	-0.0266	324.83	-0.028	184.6	-0.0213
324.87	-0.016	193.2	-0.0257	324.87	-0.027	184.5	-0.0204
324.90	-0.015	193.2	-0.0249	324.90	-0.026	184.5	-0.0195
324.93	-0.014	193.2	-0.0249	324.93	-0.025	184.4	-0.0178
324.97	-0.013	193.2	-0.0231	324.97	-0.024	184.5	-0.0151
325.00	-0.013	193.2	-0.0213	325.00	-0.02	184.6	-0.0151
325.03	-0.012	193.3	-0.0195	325.03	-0.019	184.6	-0.0115
325.07	-0.01	193.4	-0.0178	325.07	-0.019	184.7	-0.0089
325.10	-0.009	193.4	-0.0151	325.10	-0.017	184.9	-0.0036
325.13	-0.007	193.6	-0.0124	325.15	-0.012	185.1	0
325.17	-0.005	193.7	-0.0124	325.18	-0.012	185.2	0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
325.20	-0.003	193.7	-0.0098	325.20	-0.01	185.5	0.008
325.23	-0.003	193.8	-0.0062	325.23	-0.006	185.8	0.0142
325.27	-0.002	194	-0.0027	325.27	-0.004	186	0.0195
325.30	0.002	194.2	0.0009	325.30	-0.001	186.4	0.0275
325.33	0.003	194.4	0.0044	325.33	0.004	186.8	0.0275
325.37	0.005	194.6	0.008	325.37	0.006	186.8	0.0346
325.40	0.008	194.9	0.008	325.40	0.006	187.1	0.0408
325.43	0.009	194.9	0.0124	325.43	0.008	187.5	0.0479
325.47	0.009	195.1	0.016	325.47	0.013	188	0.055
325.50	0.011	195.3	0.0204	325.50	0.015	188.3	0.0612
325.53	0.014	195.7	0.024	325.53	0.017	188.7	0.0683
325.57	0.015	195.9	0.0284	325.57	0.022	189.2	0.0683
325.60	0.017	196.1	0.032	325.60	0.024	189.2	0.0754
325.63	0.019	196.4	0.032	325.63	0.024	189.6	0.0817
325.67	0.021	196.6	0.0355	325.67	0.025	190	0.087
325.70	0.021	196.6	0.0382	325.70	0.03	190.5	0.0932
325.73	0.022	196.8	0.0417	325.73	0.031	190.8	0.0985
325.77	0.024	197.1	0.0444	325.77	0.032	191.1	0.103
325.80	0.025	197.3	0.0462	325.80	0.036	191.5	0.103
325.83	0.026	197.5	0.0488	325.83	0.037	191.5	0.1074
325.87	0.027	197.7	0.0506	325.87	0.037	191.8	0.1101
325.90	0.028	197.9	0.0506	325.90	0.037	192.1	0.1136
325.93	0.028	197.9	0.0524	325.93	0.039	192.4	0.1154
325.97	0.028	198.1	0.0533	325.97	0.04	192.7	0.1181
326.00	0.028	198.2	0.0533	326.00	0.04	192.9	0.1189
326.03	0.029	198.4	0.0541	326.03	0.04	193.1	0.1189
326.07	0.029	198.5	0.0541	326.07	0.04	193.3	0.1198
326.10	0.029	198.6	0.055	326.10	0.04	193.3	0.1207
326.13	0.028	198.7	0.055	326.13	0.04	193.5	0.1207
326.18	0.028	198.7	0.0541	326.17	0.04	193.6	0.1207
326.22	0.028	198.8	0.0533	326.20	0.039	193.7	0.1198
326.23	0.027	198.8	0.0533	326.23	0.038	193.7	0.1181
326.27	0.025	198.8	0.0524	326.27	0.035	193.7	0.1181
326.30	0.025	198.8	0.0506	326.30	0.034	193.7	0.1154
326.33	0.025	198.8	0.0488	326.33	0.034	193.7	0.1136
326.37	0.022	198.7	0.047	326.37	0.032	193.6	0.1101
326.40	0.022	198.7	0.0453	326.40	0.029	193.5	0.1065
326.43	0.02	198.6	0.0417	326.43	0.027	193.4	0.1021
326.47	0.017	198.4	0.0417	326.47	0.025	193.2	0.0976
326.50	0.016	198.4	0.0391	326.50	0.021	192.9	0.0976
326.53	0.016	198.3	0.0373	326.53	0.019	192.7	0.0923
326.57	0.015	198.2	0.0337	326.57	0.019	192.7	0.0879
326.60	0.011	198	0.0302	326.62	0.014	192.2	0.0817
326.63	0.011	197.9	0.0275	326.65	0.011	191.9	0.0772
326.67	0.009	197.7	0.0222	326.67	0.011	191.9	0.0719
326.70	0.005	197.4	0.0222	326.70	0.009	191.6	0.0648
326.73	0.004	197.4	0.0178	326.73	0.004	191.1	0.0568
326.77	0.004	197.2	0.0151	326.77	0.001	190.8	0.0506
326.80	0.003	197	0.0115	326.80	-0.001	190.4	0.0444
326.83	0	196.7	0.0071	326.83	-0.005	189.9	0.0444
326.87	-0.002	196.5	0.0027	326.87	-0.008	189.5	0.0364
326.90	-0.004	196.3	-0.0009	326.90	-0.008	189.5	0.0302
326.93	-0.006	195.9	-0.0009	326.93	-0.009	189.1	0.0222
326.97	-0.008	195.7	-0.0044	326.97	-0.013	188.5	0.0151
327.00	-0.008	195.7	-0.0071	327.00	-0.016	188.1	0.0089
327.03	-0.009	195.5	-0.0115	327.03	-0.017	187.8	0.0044
327.07	-0.011	195.1	-0.0151	327.07	-0.02	187.3	0.0044
327.10	-0.013	194.9	-0.0169	327.10	-0.022	186.9	-0.0009
327.13	-0.013	194.7	-0.0195	327.13	-0.022	186.9	-0.0053
327.17	-0.014	194.4	-0.0213	327.17	-0.024	186.5	-0.0098
327.20	-0.016	194.2	-0.0213	327.20	-0.025	186.1	-0.0133
327.23	-0.016	194.2	-0.0231	327.23	-0.027	185.8	-0.016
327.27	-0.016	194.1	-0.024	327.27	-0.027	185.6	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
327.30	-0.016	193.9	-0.0257	327.30	-0.028	185.3	-0.0195
327.33	-0.017	193.7	-0.0257	327.33	-0.029	185	-0.0195
327.37	-0.017	193.6	-0.0266	327.37	-0.029	185	-0.0213
327.40	-0.017	193.5	-0.0266	327.40	-0.029	184.9	-0.0222
327.43	-0.017	193.4	-0.0266	327.43	-0.029	184.7	-0.0222
327.47	-0.017	193.4	-0.0266	327.47	-0.028	184.6	-0.0213
327.50	-0.017	193.3	-0.0257	327.50	-0.028	184.5	-0.0204
327.53	-0.016	193.3	-0.0257	327.53	-0.026	184.4	-0.0195
327.57	-0.015	193.3	-0.0249	327.57	-0.025	184.4	-0.0195
327.60	-0.015	193.2	-0.0231	327.60	-0.024	184.4	-0.0178
327.65	-0.014	193.2	-0.0222	327.63	-0.024	184.4	-0.016
327.68	-0.013	193.2	-0.0213	327.67	-0.022	184.6	-0.0133
327.70	-0.011	193.3	-0.0195	327.70	-0.019	184.7	-0.0098
327.73	-0.01	193.4	-0.0169	327.73	-0.018	184.7	-0.0071
327.77	-0.007	193.5	-0.0169	327.77	-0.016	185	-0.0027
327.80	-0.007	193.5	-0.0142	327.80	-0.012	185.2	-0.0027
327.83	-0.007	193.6	-0.0124	327.83	-0.01	185.2	0.0018
327.87	-0.005	193.8	-0.0089	327.87	-0.01	185.3	0.0071
327.90	-0.002	193.9	-0.0053	327.90	-0.007	185.7	0.0133
327.93	-0.001	194.1	-0.0027	327.93	-0.003	186	0.0195
327.97	0.001	194.3	0.0018	327.97	-0.001	186.3	0.0249
328.00	0.004	194.5	0.0018	328.00	0.001	186.7	0.0337
328.03	0.005	194.5	0.0062	328.05	0.006	187.2	0.0408
328.07	0.005	194.7	0.0098	328.08	0.007	187.4	0.0444
328.10	0.007	194.9	0.0142	328.12	0.009	187.8	0.0506
328.13	0.011	195.2	0.0186	328.13	0.014	188.2	0.0506
328.17	0.012	195.4	0.0213	328.17	0.016	188.2	0.0577
328.20	0.014	195.7	0.0249	328.20	0.016	188.5	0.0639
328.23	0.016	196	0.0249	328.23	0.018	189	0.071
328.27	0.018	196	0.0302	328.27	0.023	189.4	0.0781
328.30	0.018	196.2	0.0328	328.30	0.025	189.7	0.0834
328.33	0.019	196.4	0.0364	328.33	0.027	190.2	0.0905
328.37	0.021	196.7	0.0399	328.37	0.031	190.6	0.0905
328.40	0.023	196.9	0.0426	328.40	0.032	190.6	0.0968
328.43	0.024	197.1	0.0453	328.43	0.032	190.9	0.1003
328.47	0.025	197.4	0.0453	328.47	0.033	191.3	0.1056
328.50	0.026	197.6	0.047	328.50	0.036	191.7	0.1101
328.53	0.026	197.6	0.0488	328.53	0.037	192	0.1127
328.57	0.026	197.8	0.0506	328.57	0.038	192.3	0.1154
328.60	0.027	198	0.0524	328.60	0.04	192.6	0.1154
328.63	0.029	198.1	0.0541	328.63	0.04	192.6	0.1172
328.67	0.029	198.3	0.0541	328.67	0.04	192.8	0.1189
328.70	0.029	198.4	0.0541	328.70	0.04	193	0.1207
328.73	0.029	198.5	0.055	328.73	0.04	193.2	0.1207
328.77	0.029	198.5	0.055	328.77	0.04	193.4	0.1207
328.80	0.028	198.6	0.055	328.80	0.04	193.5	0.1207
328.83	0.028	198.7	0.0541	328.83	0.04	193.6	0.1207
328.87	0.028	198.7	0.0541	328.87	0.038	193.6	0.1207
328.90	0.027	198.8	0.0524	328.90	0.038	193.7	0.1189
328.93	0.026	198.8	0.0524	328.93	0.037	193.7	0.1163
328.97	0.024	198.7	0.0506	328.97	0.034	193.7	0.1145
329.00	0.024	198.7	0.0497	329.00	0.033	193.6	0.1118
329.03	0.023	198.7	0.0479	329.03	0.032	193.6	0.1083
329.08	0.021	198.6	0.0453	329.07	0.028	193.4	0.1083
329.12	0.02	198.6	0.0444	329.10	0.026	193.4	0.1047
329.13	0.02	198.5	0.0426	329.13	0.026	193.3	0.1012
329.17	0.018	198.4	0.0382	329.17	0.024	193.1	0.0959
329.20	0.015	198.3	0.0355	329.20	0.02	192.8	0.0897
329.23	0.014	198.1	0.0328	329.23	0.018	192.6	0.0852
329.27	0.012	198	0.0293	329.27	0.015	192.3	0.079
329.30	0.009	197.8	0.0293	329.30	0.011	191.9	0.079
329.33	0.008	197.8	0.0249	329.33	0.009	191.9	0.0719
329.37	0.008	197.6	0.0213	329.37	0.009	191.6	0.0657

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
329.40	0.006	197.3	0.0178	329.40	0.006	191.2	0.0577
329.43	0.002	197.1	0.0133	329.43	0.001	190.7	0.0506
329.47	0.002	196.9	0.0107	329.47	-0.001	190.4	0.0444
329.50	0	196.6	0.0053	329.52	-0.003	190	0.0373
329.53	-0.004	196.3	0.0053	329.55	-0.006	189.6	0.0328
329.57	-0.005	196.3	0.0018	329.57	-0.009	189.2	0.0275
329.60	-0.005	196.1	-0.0018	329.60	-0.011	188.8	0.0195
329.63	-0.006	195.8	-0.0044	329.63	-0.015	188.3	0.0195
329.67	-0.009	195.6	-0.0089	329.67	-0.017	187.9	0.0133
329.70	-0.01	195.3	-0.0115	329.70	-0.017	187.9	0.008
329.73	-0.011	195	-0.0142	329.73	-0.018	187.6	0.0036
329.77	-0.013	194.8	-0.0142	329.77	-0.021	187.1	-0.0036
329.80	-0.014	194.8	-0.0186	329.80	-0.023	186.6	-0.0071
329.83	-0.014	194.5	-0.0195	329.83	-0.024	186.4	-0.0107
329.87	-0.013	194.4	-0.0222	329.87	-0.026	186	-0.0107
329.90	-0.017	194.2	-0.0231	329.90	-0.027	185.6	-0.0142
329.93	-0.016	194	-0.024	329.93	-0.027	185.6	-0.0169
329.97	-0.016	193.8	-0.0257	329.97	-0.028	185.4	-0.0186
330.00	-0.017	193.7	-0.0257	330.00	-0.028	185.1	-0.0204
330.03	-0.017	193.7	-0.0266	330.03	-0.029	184.9	-0.0213
330.07	-0.017	193.5	-0.0266	330.07	-0.029	184.8	-0.0222
330.10	-0.017	193.4	-0.0266	330.10	-0.028	184.6	-0.0222
330.13	-0.018	193.3	-0.0266	330.13	-0.028	184.5	-0.0222
330.17	-0.016	193.3	-0.0266	330.17	-0.028	184.5	-0.0213
330.20	-0.015	193.2	-0.0249	330.20	-0.027	184.4	-0.0204
330.23	-0.016	193.2	-0.0249	330.23	-0.026	184.5	-0.0186
330.27	-0.015	193.2	-0.024	330.27	-0.024	184.4	-0.0169
330.30	-0.015	193.2	-0.0213	330.30	-0.023	184.4	-0.0142
330.33	-0.014	193.3	-0.0204	330.33	-0.021	184.6	-0.0115
330.37	-0.01	193.4	-0.0169	330.37	-0.018	184.7	-0.0115
330.40	-0.01	193.4	-0.0169	330.40	-0.017	184.7	-0.0089
330.43	-0.009	193.5	-0.0142	330.43	-0.017	184.8	-0.0044
330.47	-0.007	193.6	-0.0142	330.47	-0.015	185	-0.0009
330.50	-0.004	193.6	-0.0133	330.50	-0.011	185.3	0.0044
330.55	-0.003	193.9	-0.0071	330.53	-0.009	185.4	0.0089
330.58	-0.002	194	-0.0071	330.57	-0.007	185.8	0.016
330.60	0	194	-0.0044	330.60	-0.002	186.1	0.016
330.63	0	194.1	-0.0009	330.63	0	186.1	0.0231
330.67	0.001	194.3	0.0036	330.67	0	186.4	0.0293
330.70	0.006	194.6	0.008	330.70	0.003	186.8	0.0364
330.73	0.006	194.7	0.0107	330.73	0.007	187.3	0.0435
330.77	0.008	195	0.0151	330.77	0.01	187.6	0.0497
330.80	0.012	195.3	0.0151	330.80	0.012	188.1	0.0568
330.83	0.012	195.5	0.0195	330.83	0.017	188.5	0.0568
330.87	0.012	195.5	0.0213	330.87	0.019	188.5	0.0648
330.90	0.015	195.8	0.0293	330.90	0.019	188.8	0.0701
330.93	0.018	196.1	0.0328	330.95	0.024	189.6	0.0763
330.97	0.019	196.3	0.0355	330.98	0.026	189.6	0.0808
331.00	0.02	196.5	0.0373	331.02	0.026	190	0.087
331.03	0.021	196.8	0.0373	331.03	0.028	190.4	0.0923
331.07	0.024	197.1	0.0399	331.07	0.032	190.8	0.0994
331.10	0.024	197.1	0.0444	331.10	0.033	191.2	0.103
331.13	0.024	197.2	0.0462	331.13	0.034	191.5	0.1074
331.17	0.025	197.5	0.0488	331.17	0.037	191.8	0.1074
331.20	0.027	197.7	0.0506	331.20	0.037	191.8	0.111
331.23	0.027	197.8	0.0515	331.23	0.037	192.1	0.1136
331.27	0.027	198	0.0515	331.27	0.038	192.4	0.1163
331.30	0.029	198.2	0.0515	331.30	0.04	192.7	0.1189
331.33	0.029	198.2	0.055	331.33	0.04	193	0.1198
331.37	0.029	198.3	0.0541	331.37	0.04	193.1	0.1207
331.40	0.029	198.4	0.055	331.40	0.04	193.3	0.1207
331.43	0.028	198.5	0.055	331.43	0.04	193.3	0.1207
331.47	0.029	198.6	0.055	331.47	0.04	193.5	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
331.50	0.028	198.7	0.055	331.50	0.04	193.6	0.1207
331.53	0.027	198.8	0.055	331.53	0.039	193.7	0.1198
331.57	0.027	198.8	0.0541	331.57	0.038	193.7	0.1189
331.60	0.027	198.8	0.0515	331.60	0.036	193.7	0.1163
331.63	0.026	198.8	0.0506	331.63	0.033	193.7	0.1163
331.67	0.023	198.7	0.0488	331.67	0.032	193.6	0.1136
331.70	0.023	198.7	0.0479	331.70	0.032	193.6	0.111
331.73	0.022	198.6	0.0453	331.73	0.03	193.6	0.1074
331.77	0.019	198.5	0.0453	331.77	0.027	193.3	0.103
331.80	0.018	198.5	0.0426	331.80	0.025	193.2	0.0994
331.83	0.018	198.5	0.0408	331.83	0.023	193	0.0941
331.87	0.017	198.3	0.0373	331.87	0.019	192.7	0.0941
331.90	0.014	198.1	0.0346	331.90	0.016	192.4	0.0888
331.93	0.012	198	0.0311	331.93	0.016	192.4	0.0826
331.98	0.011	197.8	0.0275	331.97	0.014	192.2	0.0763
332.02	0.009	197.6	0.0231	332.00	0.01	191.8	0.0692
332.05	0.006	197.5	0.0204	332.03	0.006	191.4	0.063
332.07	0.005	197.3	0.0169	332.07	0.005	191.1	0.0568
332.10	0.002	197	0.0169	332.10	0.001	190.6	0.0568
332.13	0	196.8	0.0124	332.13	-0.003	190.2	0.0479
332.17	0	196.8	0.0089	332.17	-0.003	190.2	0.0417
332.20	-0.001	196.5	0.0044	332.20	-0.005	189.8	0.0346
332.23	-0.004	196.2	0.0009	332.23	-0.009	189.3	0.0284
332.27	-0.006	196	-0.0027	332.27	-0.011	188.9	0.0213
332.30	-0.007	195.8	-0.0062	332.30	-0.013	188.5	0.0142
332.33	-0.009	195.5	-0.0062	332.33	-0.016	188	0.0142
332.37	-0.011	195.2	-0.0098	332.37	-0.019	187.6	0.008
332.40	-0.011	195.2	-0.0124	332.42	-0.02	187.2	-0.0009
332.43	-0.012	195	-0.0151	332.45	-0.021	186.8	-0.0036
332.47	-0.013	194.7	-0.0178	332.47	-0.024	186.5	-0.0036
332.50	-0.014	194.5	-0.0195	332.50	-0.024	186.5	-0.0089
332.53	-0.015	194.3	-0.0222	332.53	-0.025	186.2	-0.0124
332.57	-0.016	194.1	-0.024	332.57	-0.026	185.8	-0.0151
332.60	-0.017	193.9	-0.024	332.60	-0.028	185.5	-0.0178
332.63	-0.017	193.9	-0.0249	332.63	-0.028	185.3	-0.0195
332.67	-0.017	193.7	-0.0257	332.67	-0.028	185	-0.0204
332.70	-0.017	193.6	-0.0257	332.70	-0.029	184.9	-0.0204
332.73	-0.017	193.5	-0.0257	332.73	-0.029	184.9	-0.0213
332.77	-0.017	193.4	-0.0257	332.77	-0.029	184.7	-0.0222
332.80	-0.017	193.3	-0.0257	332.80	-0.028	184.5	-0.0222
332.83	-0.016	193.3	-0.0257	332.83	-0.028	184.5	-0.0213
332.87	-0.016	193.3	-0.0249	332.87	-0.027	184.4	-0.0195
332.90	-0.016	193.2	-0.0249	332.90	-0.026	184.4	-0.0186
332.93	-0.015	193.2	-0.0231	332.93	-0.024	184.4	-0.0186
332.97	-0.014	193.2	-0.0222	332.97	-0.023	184.4	-0.0169
333.00	-0.012	193.3	-0.0204	333.00	-0.023	184.4	-0.0142
333.03	-0.012	193.3	-0.0186	333.03	-0.02	184.6	-0.0107
333.07	-0.009	193.4	-0.0186	333.07	-0.018	184.7	-0.0071
333.10	-0.008	193.4	-0.016	333.10	-0.015	184.9	-0.0036
333.13	-0.008	193.5	-0.0133	333.13	-0.014	185.1	0
333.17	-0.007	193.6	-0.0107	333.17	-0.01	185.3	0
333.20	-0.004	193.8	-0.0071	333.20	-0.008	185.3	0.0062
333.23	-0.002	193.9	-0.0044	333.23	-0.008	185.5	0.0115
333.27	-0.001	194.1	-0.0009	333.27	-0.005	185.9	0.0186
333.30	0.003	194.3	-0.0009	333.30	0	186.3	0.0257
333.33	0.003	194.3	0.0027	333.33	0.001	186.6	0.0328
333.37	0.003	194.5	0.0062	333.37	0.004	187.1	0.0391
333.40	0.005	194.7	0.0107	333.40	0.009	187.4	0.0391
333.45	0.009	195	0.0151	333.43	0.011	187.4	0.047
333.48	0.009	195.1	0.0169	333.47	0.011	187.8	0.0524
333.50	0.011	195.4	0.0204	333.50	0.013	188.2	0.0595
333.53	0.014	195.7	0.0249	333.53	0.019	188.7	0.0683
333.57	0.015	195.9	0.0284	333.57	0.02	189	0.0737

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
333.60	0.016	196.2	0.0328	333.60	0.022	189.4	0.0799
333.63	0.02	196.4	0.0328	333.63	0.026	189.9	0.0799
333.67	0.02	196.4	0.0364	333.67	0.028	189.9	0.087
333.70	0.02	196.6	0.0391	333.70	0.028	190.2	0.0914
333.73	0.022	196.9	0.0426	333.73	0.03	190.7	0.0976
333.77	0.024	197.1	0.0453	333.77	0.033	191.1	0.1021
333.80	0.025	197.3	0.047	333.80	0.034	191.4	0.1065
333.83	0.025	197.5	0.0488	333.83	0.036	191.8	0.111
333.87	0.027	197.8	0.0488	333.88	0.038	192.1	0.1145
333.90	0.028	197.9	0.0515	333.92	0.038	192.3	0.1154
333.93	0.028	197.9	0.0524	333.93	0.039	192.6	0.1181
333.97	0.028	198.1	0.0533	333.97	0.04	192.8	0.1181
334.00	0.028	198.2	0.0541	334.00	0.04	192.8	0.1189
334.03	0.029	198.4	0.055	334.03	0.04	193.1	0.1207
334.07	0.029	198.5	0.055	334.07	0.04	193.2	0.1207
334.10	0.029	198.6	0.055	334.10	0.04	193.4	0.1216
334.13	0.028	198.7	0.055	334.13	0.04	193.5	0.1216
334.17	0.028	198.7	0.055	334.17	0.04	193.7	0.1216
334.20	0.028	198.7	0.055	334.20	0.039	193.7	0.1216
334.23	0.027	198.7	0.0533	334.23	0.037	193.7	0.1198
334.27	0.026	198.7	0.0524	334.27	0.037	193.7	0.1181
334.30	0.025	198.8	0.0515	334.30	0.036	193.8	0.1154
334.33	0.024	198.7	0.0515	334.33	0.032	193.7	0.1127
334.37	0.022	198.6	0.0488	334.37	0.031	193.6	0.1101
334.40	0.022	198.6	0.047	334.40	0.03	193.5	0.1056
334.43	0.021	198.6	0.0444	334.43	0.026	193.3	0.1056
334.47	0.019	198.5	0.0417	334.47	0.024	193.1	0.1012
334.50	0.016	198.3	0.0382	334.50	0.024	193.1	0.0976
334.53	0.015	198.2	0.0355	334.53	0.022	192.9	0.0923
334.57	0.014	198	0.0328	334.57	0.018	192.6	0.0861
334.60	0.011	197.9	0.0328	334.60	0.015	192.3	0.0808
334.63	0.01	197.9	0.0293	334.63	0.013	192.1	0.0737
334.67	0.01	197.7	0.0257	334.67	0.008	191.6	0.0737
334.70	0.007	197.4	0.0204	334.70	0.006	191.3	0.0666
334.73	0.004	197.3	0.0178	334.73	0.006	191.3	0.0604
334.77	0.004	197.1	0.0142	334.77	0.004	191	0.0533
334.80	0.001	196.8	0.0098	334.80	-0.001	190.5	0.0453
334.83	-0.002	196.6	0.0098	334.83	-0.004	190.1	0.0399
334.88	-0.002	196.3	0.0036	334.87	-0.006	189.7	0.032
334.92	-0.004	196.1	0	334.90	-0.01	189.2	0.032
334.95	-0.006	195.9	0	334.93	-0.013	188.7	0.024
334.97	-0.007	195.9	-0.0036	334.97	-0.013	188.7	0.0178
335.00	-0.007	195.6	-0.0071	335.00	-0.014	188.3	0.0124
335.03	-0.009	195.3	-0.0107	335.03	-0.017	187.8	0.0062
335.07	-0.012	195	-0.0142	335.07	-0.02	187.4	0
335.10	-0.012	194.8	-0.016	335.10	-0.022	187.1	-0.0053
335.13	-0.013	194.6	-0.0186	335.13	-0.024	186.6	-0.0089
335.17	-0.015	194.4	-0.0186	335.17	-0.025	186.2	-0.0089
335.20	-0.015	194.4	-0.0213	335.20	-0.025	186.2	-0.0115
335.23	-0.015	194.2	-0.0222	335.23	-0.026	185.9	-0.0151
335.27	-0.016	194	-0.024	335.27	-0.027	185.6	-0.0169
335.30	-0.017	193.8	-0.0249	335.32	-0.029	185.3	-0.0195
335.33	-0.017	193.7	-0.0249	335.35	-0.029	185.1	-0.0204
335.37	-0.017	193.5	-0.0257	335.38	-0.029	184.9	-0.0213
335.40	-0.017	193.4	-0.0257	335.40	-0.029	184.7	-0.0213
335.43	-0.017	193.4	-0.0257	335.43	-0.028	184.6	-0.0213
335.47	-0.017	193.3	-0.0257	335.47	-0.028	184.5	-0.0213
335.50	-0.017	193.2	-0.0257	335.50	-0.027	184.4	-0.0213
335.53	-0.016	193.2	-0.0249	335.53	-0.027	184.4	-0.0204
335.57	-0.015	193.2	-0.024	335.57	-0.027	184.4	-0.0195
335.60	-0.015	193.2	-0.0222	335.60	-0.025	184.4	-0.0169
335.63	-0.012	193.2	-0.0222	335.63	-0.023	184.4	-0.0151
335.67	-0.012	193.2	-0.0213	335.67	-0.021	184.5	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
335.70	-0.012	193.2	-0.0195	335.70	-0.02	184.6	-0.0098
335.73	-0.011	193.3	-0.0169	335.73	-0.016	184.8	-0.0098
335.77	-0.008	193.5	-0.0142	335.77	-0.015	184.8	-0.0053
335.80	-0.007	193.5	-0.0124	335.80	-0.015	184.9	-0.0018
335.83	-0.006	193.6	-0.0089	335.83	-0.013	185.2	0.0036
335.87	-0.003	193.8	-0.0089	335.87	-0.008	185.4	0.0089
335.90	-0.001	194	-0.0053	335.90	-0.006	185.7	0.0142
335.93	-0.001	194	-0.0027	335.93	-0.004	186	0.0213
335.97	0	194.1	0.0009	335.97	0.001	186.4	0.0213
336.00	0.003	194.4	0.0053	336.00	0.003	186.4	0.0293
336.03	0.005	194.6	0.008	336.03	0.003	186.7	0.0355
336.07	0.006	194.8	0.0124	336.07	0.005	187.2	0.0417
336.10	0.01	195.1	0.0124	336.10	0.011	187.6	0.0497
336.13	0.011	195.3	0.0169	336.13	0.012	187.9	0.055
336.17	0.011	195.3	0.0195	336.17	0.015	188.4	0.063
336.20	0.012	195.5	0.024	336.20	0.02	188.8	0.063
336.23	0.015	195.8	0.0293	336.23	0.021	188.8	0.0701
336.27	0.017	196.1	0.032	336.27	0.021	189.2	0.0754
336.30	0.018	196.3	0.0355	336.30	0.023	189.5	0.0826
336.35	0.02	196.5	0.0382	336.33	0.027	190	0.0897
336.38	0.021	196.7	0.0399	336.37	0.029	190.4	0.0941
336.40	0.022	196.9	0.0426	336.40	0.031	190.8	0.1003
336.43	0.024	197.2	0.0462	336.43	0.034	191.2	0.1003
336.47	0.026	197.4	0.0462	336.47	0.036	191.5	0.1056
336.50	0.026	197.4	0.0488	336.50	0.036	191.5	0.1083
336.53	0.026	197.6	0.0506	336.53	0.036	191.8	0.1118
336.57	0.027	197.8	0.0524	336.57	0.038	192.2	0.1145
336.60	0.029	198	0.0541	336.60	0.039	192.4	0.1172
336.63	0.028	198.1	0.0541	336.63	0.039	192.7	0.1189
336.67	0.028	198.3	0.0541	336.67	0.04	192.9	0.1189
336.70	0.029	198.4	0.0541	336.70	0.04	193.1	0.1198
336.73	0.029	198.4	0.055	336.73	0.04	193.1	0.1216
336.77	0.029	198.5	0.055	336.78	0.04	193.5	0.1216
336.80	0.029	198.6	0.055	336.82	0.04	193.6	0.1216
336.83	0.028	198.7	0.055	336.83	0.04	193.6	0.1216
336.87	0.027	198.8	0.0541	336.87	0.039	193.7	0.1207
336.90	0.027	198.7	0.0533	336.90	0.038	193.7	0.1189
336.93	0.025	198.8	0.0533	336.93	0.035	193.7	0.1163
336.97	0.025	198.8	0.0515	336.97	0.035	193.7	0.1154
337.00	0.025	198.8	0.0506	337.00	0.033	193.7	0.1154
337.03	0.024	198.7	0.0479	337.03	0.03	193.5	0.1118
337.07	0.021	198.6	0.0462	337.07	0.03	193.5	0.1083
337.10	0.02	198.6	0.0444	337.10	0.028	193.4	0.1039
337.13	0.019	198.4	0.0408	337.13	0.025	193.2	0.0994
337.17	0.016	198.3	0.0408	337.17	0.022	193	0.095
337.20	0.015	198.3	0.0373	337.20	0.021	192.8	0.0897
337.23	0.015	198.2	0.0346	337.23	0.017	192.5	0.0843
337.27	0.013	198	0.0311	337.27	0.013	192.2	0.0843
337.30	0.01	197.8	0.0275	337.30	0.013	192.2	0.0772
337.33	0.009	197.7	0.0231	337.33	0.012	191.9	0.071
337.37	0.007	197.4	0.0195	337.37	0.007	191.5	0.0639
337.40	0.004	197.2	0.0195	337.40	0.004	191.1	0.0568
337.43	0.002	197.2	0.016	337.43	0.002	190.8	0.0506
337.47	0.002	197	0.0124	337.47	-0.002	190.3	0.0435
337.50	0.001	196.7	0.008	337.50	-0.005	189.8	0.0435
337.53	-0.003	196.5	0.0036	337.53	-0.005	189.8	0.0364
337.57	-0.004	196.2	0.0009	337.57	-0.007	189.4	0.0293
337.60	-0.005	196	-0.0027	337.60	-0.01	188.9	0.0222
337.63	-0.008	195.7	-0.0027	337.63	-0.014	188.5	0.0151
337.67	-0.009	195.7	-0.0062	337.67	-0.016	188.1	0.0107
337.70	-0.009	195.4	-0.0089	337.70	-0.017	187.7	0.0053
337.73	-0.01	195.1	-0.0124	337.73	-0.021	187.3	0.0053
337.77	-0.012	194.9	-0.016	337.77	-0.022	187.3	-0.0009

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
337.82	-0.014	194.6	-0.0178	337.80	-0.022	186.9	-0.0044
337.85	-0.014	194.5	-0.0195	337.83	-0.023	186.4	-0.0098
337.87	-0.015	194.3	-0.0204	337.87	-0.027	186.1	-0.0142
337.90	-0.016	194.1	-0.0222	337.90	-0.026	185.8	-0.0151
337.93	-0.016	193.9	-0.024	337.93	-0.027	185.5	-0.0186
337.97	-0.017	193.7	-0.024	337.97	-0.028	185.2	-0.0186
338.00	-0.017	193.6	-0.0249	338.00	-0.029	185.2	-0.0195
338.03	-0.017	193.6	-0.0257	338.03	-0.029	185	-0.0213
338.07	-0.017	193.5	-0.0257	338.07	-0.029	184.8	-0.0213
338.10	-0.017	193.4	-0.0257	338.10	-0.028	184.7	-0.0213
338.13	-0.017	193.3	-0.0257	338.13	-0.028	184.5	-0.0222
338.17	-0.016	193.2	-0.0249	338.17	-0.028	184.5	-0.0204
338.20	-0.016	193.2	-0.024	338.22	-0.026	184.4	-0.0195
338.23	-0.015	193.2	-0.024	338.25	-0.025	184.4	-0.0186
338.27	-0.014	193.2	-0.024	338.28	-0.025	184.4	-0.0169
338.30	-0.014	193.2	-0.0222	338.30	-0.022	184.4	-0.0169
338.33	-0.013	193.2	-0.0204	338.33	-0.021	184.4	-0.0142
338.37	-0.011	193.3	-0.0186	338.37	-0.021	184.5	-0.0115
338.40	-0.01	193.3	-0.016	338.40	-0.019	184.7	-0.0071
338.43	-0.009	193.4	-0.0142	338.43	-0.015	184.9	-0.0027
338.47	-0.006	193.6	-0.0142	338.47	-0.014	185	0.0009
338.50	-0.005	193.6	-0.0107	338.50	-0.012	185.3	0.0062
338.53	-0.005	193.7	-0.0089	338.53	-0.007	185.6	0.0062
338.57	-0.003	193.8	-0.0053	338.57	-0.005	185.6	0.0115
338.60	0	194	-0.0018	338.60	-0.005	185.8	0.0169
338.63	0.001	194.2	0.0018	338.63	-0.003	186.2	0.0249
338.67	0.003	194.4	0.0053	338.67	0.003	186.6	0.0328
338.70	0.006	194.7	0.0053	338.70	0.005	186.9	0.0382
338.73	0.007	194.7	0.0098	338.73	0.006	187.3	0.0444
338.77	0.007	194.8	0.0133	338.77	0.012	187.8	0.0444
338.80	0.009	195.1	0.0178	338.80	0.014	188.1	0.0533
338.83	0.013	195.4	0.0222	338.83	0.014	188.1	0.0586
338.87	0.014	195.6	0.0257	338.87	0.016	188.5	0.0666
338.90	0.015	195.9	0.0302	338.90	0.02	189	0.0728
338.93	0.018	196.2	0.0302	338.93	0.023	189.4	0.079
338.97	0.019	196.2	0.0337	338.97	0.025	189.7	0.0852
339.00	0.019	196.4	0.0364	339.00	0.028	190.2	0.0852
339.03	0.021	196.6	0.0399	339.03	0.03	190.6	0.0914
339.07	0.023	196.9	0.0426	339.07	0.03	190.6	0.0968
339.10	0.024	197.1	0.0453	339.10	0.032	190.9	0.1021
339.13	0.025	197.3	0.0479	339.13	0.034	191.3	0.1065
339.17	0.026	197.5	0.0479	339.17	0.036	191.7	0.1101
339.20	0.027	197.5	0.0497	339.20	0.037	192	0.1127
339.25	0.028	197.9	0.0524	339.23	0.038	192.3	0.1163
339.28	0.028	198	0.0524	339.27	0.039	192.6	0.1163
339.32	0.028	198	0.0533	339.30	0.04	192.6	0.1181
339.33	0.028	198.2	0.0541	339.33	0.04	192.8	0.1198
339.37	0.029	198.3	0.055	339.37	0.04	193	0.1207
339.40	0.029	198.4	0.055	339.40	0.04	193.2	0.1216
339.43	0.029	198.5	0.055	339.43	0.04	193.4	0.1216
339.47	0.029	198.6	0.055	339.47	0.04	193.5	0.1216
339.50	0.028	198.7	0.055	339.50	0.04	193.6	0.1216
339.53	0.027	198.7	0.055	339.53	0.038	193.6	0.1216
339.57	0.027	198.7	0.0541	339.57	0.038	193.7	0.1198
339.60	0.026	198.7	0.0524	339.60	0.037	193.7	0.1172
339.63	0.025	198.7	0.0506	339.63	0.034	193.6	0.1154
339.67	0.024	198.7	0.0497	339.68	0.033	193.6	0.1127
339.70	0.023	198.7	0.047	339.72	0.033	193.6	0.111
339.73	0.02	198.6	0.047	339.73	0.029	193.5	0.1074
339.77	0.02	198.6	0.0453	339.77	0.027	193.4	0.1039
339.80	0.02	198.5	0.0435	339.80	0.025	193.2	0.0985
339.83	0.018	198.4	0.0399	339.83	0.021	192.9	0.0985
339.87	0.015	198.2	0.0364	339.87	0.019	192.9	0.0932

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
339.90	0.014	198.1	0.0337	339.90	0.019	192.7	0.0888
339.93	0.012	197.9	0.0302	339.93	0.017	192.4	0.0826
339.97	0.009	197.7	0.0302	339.97	0.011	192	0.0746
340.00	0.008	197.7	0.0257	340.00	0.01	191.8	0.0701
340.03	0.008	197.6	0.0222	340.03	0.007	191.4	0.0621
340.07	0.006	197.3	0.0186	340.07	0.002	190.9	0.0621
340.10	0.003	197.1	0.0142	340.10	0	190.6	0.055
340.13	0.001	196.9	0.0107	340.13	0	190.6	0.0488
340.17	0	196.6	0.0062	340.17	-0.002	190.2	0.0417
340.20	-0.004	196.3	0.0062	340.20	-0.007	189.7	0.0337
340.23	-0.005	196.3	0.0027	340.23	-0.009	189.3	0.0284
340.27	-0.005	196.1	-0.0009	340.27	-0.011	188.9	0.0204
340.30	-0.006	195.9	-0.0044	340.30	-0.015	188.4	0.0204
340.33	-0.009	195.6	-0.008	340.33	-0.017	188	0.0133
340.37	-0.01	195.2	-0.0107	340.37	-0.017	188	0.008
340.40	-0.011	195	-0.0133	340.40	-0.018	187.6	0.0027
340.43	-0.013	194.8	-0.0133	340.43	-0.021	187.1	-0.0027
340.47	-0.014	194.5	-0.016	340.47	-0.023	186.7	-0.0062
340.50	-0.014	194.5	-0.0186	340.50	-0.024	186.4	-0.0107
340.53	-0.015	194.3	-0.0204	340.53	-0.026	186	-0.0107
340.57	-0.016	194.1	-0.0222	340.57	-0.027	185.7	-0.0133
340.60	-0.017	193.9	-0.0231	340.60	-0.027	185.7	-0.016
340.63	-0.017	193.8	-0.024	340.63	-0.028	185.4	-0.0178
340.67	-0.017	193.6	-0.0249	340.67	-0.028	185.2	-0.0195
340.72	-0.017	193.5	-0.0257	340.70	-0.029	185	-0.0213
340.75	-0.017	193.4	-0.0257	340.73	-0.029	184.8	-0.0213
340.77	-0.017	193.3	-0.0257	340.77	-0.029	184.6	-0.0213
340.80	-0.017	193.2	-0.0257	340.80	-0.028	184.5	-0.0213
340.83	-0.016	193.2	-0.0257	340.83	-0.027	184.5	-0.0204
340.87	-0.016	193.2	-0.0249	340.87	-0.027	184.4	-0.0195
340.90	-0.015	193.1	-0.024	340.90	-0.026	184.4	-0.0186
340.93	-0.014	193.1	-0.0222	340.93	-0.024	184.4	-0.0169
340.97	-0.014	193.1	-0.0213	340.97	-0.023	184.4	-0.0142
341.00	-0.013	193.2	-0.0195	341.00	-0.022	184.6	-0.0115
341.03	-0.01	193.3	-0.0195	341.03	-0.018	184.7	-0.0115
341.07	-0.01	193.3	-0.0178	341.07	-0.017	184.7	-0.008
341.10	-0.01	193.3	-0.016	341.10	-0.017	184.8	-0.0044
341.13	-0.008	193.5	-0.0124	341.15	-0.012	185.1	0
341.17	-0.005	193.6	-0.0098	341.18	-0.01	185.1	0.0027
341.20	-0.004	193.7	-0.0062	341.20	-0.01	185.3	0.0071
341.23	-0.003	193.9	-0.0036	341.23	-0.008	185.7	0.0142
341.27	0.001	194.1	-0.0036	341.27	-0.003	186	0.0204
341.30	0.002	194.1	0	341.30	-0.001	186.2	0.0257
341.33	0.002	194.2	0.0036	341.33	0.001	186.7	0.0337
341.37	0.004	194.5	0.0071	341.37	0.006	187.1	0.0337
341.40	0.007	194.7	0.0115	341.40	0.008	187.1	0.0417
341.43	0.008	194.9	0.0151	341.43	0.008	187.4	0.0479
341.47	0.01	195.2	0.0195	341.47	0.011	187.9	0.055
341.50	0.014	195.5	0.0195	341.50	0.016	188.3	0.063
341.53	0.014	195.5	0.024	341.53	0.017	188.6	0.0675
341.57	0.014	195.7	0.0275	341.57	0.02	189.1	0.0746
341.60	0.016	196	0.032	341.60	0.025	189.6	0.0746
341.63	0.019	196.2	0.0355	341.63	0.026	189.6	0.0826
341.67	0.02	196.4	0.0382	341.67	0.026	189.9	0.0879
341.70	0.021	196.7	0.0417	341.70	0.028	190.3	0.0932
341.73	0.024	197	0.0417	341.73	0.032	190.8	0.1003
341.77	0.024	197	0.0444	341.77	0.033	191.1	0.1039
341.80	0.024	197.2	0.047	341.80	0.034	191.5	0.1083
341.83	0.025	197.4	0.0488	341.83	0.037	191.8	0.1083
341.87	0.027	197.6	0.0515	341.87	0.037	191.8	0.1127
341.90	0.027	197.8	0.0524	341.90	0.037	192.1	0.1154
341.93	0.028	197.9	0.0541	341.93	0.038	192.4	0.1181
341.97	0.028	198.1	0.0541	341.97	0.04	192.7	0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
342.00	0.029	198.2	0.055	342.00	0.04	192.9	0.1216
342.03	0.029	198.2	0.055	342.03	0.04	193.1	0.1225
342.07	0.029	198.4	0.0559	342.07	0.04	193.3	0.1225
342.10	0.029	198.5	0.0559	342.10	0.04	193.3	0.1225
342.15	0.029	198.6	0.0559	342.13	0.04	193.4	0.1225
342.18	0.028	198.6	0.0559	342.17	0.04	193.5	0.1225
342.22	0.028	198.7	0.055	342.20	0.039	193.7	0.1225
342.23	0.027	198.7	0.0541	342.23	0.038	193.7	0.1207
342.27	0.026	198.8	0.0524	342.27	0.036	193.7	0.1181
342.30	0.025	198.7	0.0524	342.30	0.033	193.6	0.1181
342.33	0.023	198.7	0.0506	342.33	0.032	193.6	0.1154
342.37	0.023	198.7	0.0488	342.37	0.032	193.6	0.1127
342.40	0.022	198.6	0.047	342.40	0.031	193.5	0.1092
342.43	0.02	198.5	0.0444	342.43	0.027	193.3	0.1047
342.47	0.018	198.4	0.0417	342.47	0.025	193.2	0.1012
342.50	0.017	198.3	0.0391	342.50	0.023	193	0.0959
342.53	0.015	198.1	0.0355	342.53	0.019	192.7	0.0959
342.57	0.012	198	0.0355	342.58	0.016	192.4	0.0852
342.60	0.012	198	0.0328	342.62	0.016	192.3	0.0817
342.63	0.011	197.9	0.0293	342.63	0.011	191.9	0.0817
342.67	0.009	197.6	0.0249	342.67	0.008	191.6	0.0746
342.70	0.006	197.4	0.0213	342.70	0.008	191.6	0.0683
342.73	0.005	197.2	0.0169	342.73	0.006	191.2	0.0604
342.77	0.003	196.9	0.0133	342.77	0.001	190.7	0.0533
342.80	0	196.7	0.0133	342.80	-0.001	190.3	0.047
342.83	0	196.7	0.0098	342.83	-0.003	190	0.0391
342.87	-0.001	196.5	0.0053	342.87	-0.007	189.5	0.0391
342.90	-0.003	196.2	0.0018	342.90	-0.01	189	0.032
342.93	-0.006	195.9	-0.0027	342.93	-0.01	189	0.0249
342.97	-0.007	195.7	-0.0053	342.97	-0.012	188.7	0.0186
343.00	-0.008	195.4	-0.0089	343.00	-0.015	188.2	0.0124
343.03	-0.011	195.1	-0.0089	343.03	-0.018	187.8	0.0071
343.07	-0.011	195.1	-0.0115	343.07	-0.019	187.4	0.0018
343.10	-0.011	194.9	-0.0142	343.10	-0.022	186.9	0.0018
343.13	-0.012	194.6	-0.0169	343.13	-0.024	186.5	-0.0036
343.17	-0.015	194.4	-0.0195	343.17	-0.024	186.5	-0.0071
343.20	-0.015	194.2	-0.0204	343.20	-0.025	186.2	-0.0107
343.23	-0.016	194	-0.0222	343.23	-0.026	185.8	-0.0142
343.27	-0.017	193.8	-0.0222	343.27	-0.028	185.5	-0.0169
343.30	-0.017	193.8	-0.024	343.30	-0.028	185.3	-0.0178
343.33	-0.017	193.7	-0.0249	343.33	-0.028	185.1	-0.0195
343.37	-0.017	193.6	-0.0249	343.37	-0.029	184.8	-0.0195
343.40	-0.017	193.4	-0.0257	343.40	-0.029	184.8	-0.0204
343.43	-0.017	193.3	-0.0257	343.43	-0.029	184.7	-0.0204
343.47	-0.017	193.3	-0.0257	343.47	-0.028	184.5	-0.0204
343.50	-0.016	193.2	-0.0257	343.50	-0.028	184.4	-0.0195
343.53	-0.016	193.2	-0.0249	343.53	-0.027	184.4	-0.0186
343.57	-0.016	193.2	-0.024	343.57	-0.026	184.4	-0.0169
343.62	-0.014	193.1	-0.0231	343.60	-0.024	184.4	-0.0169
343.65	-0.013	193.1	-0.0222	343.63	-0.022	184.4	-0.0151
343.67	-0.013	193.1	-0.0204	343.67	-0.022	184.5	-0.0124
343.70	-0.012	193.2	-0.0186	343.70	-0.021	184.6	-0.0098
343.73	-0.01	193.3	-0.016	343.73	-0.017	184.7	-0.0053
343.77	-0.009	193.4	-0.0142	343.77	-0.016	184.8	-0.0018
343.80	-0.007	193.5	-0.0115	343.80	-0.014	185.1	0.0027
343.83	-0.005	193.7	-0.0115	343.83	-0.009	185.4	0.0027
343.87	-0.003	193.7	-0.0089	343.87	-0.008	185.4	0.008
343.90	-0.003	193.8	-0.0053	343.90	-0.008	185.5	0.0133
343.93	-0.002	193.9	-0.0018	343.93	-0.006	186	0.0195
343.97	0.002	194.2	0.0027	343.97	0	186.3	0.0284
344.00	0.003	194.3	0.0053	344.00	0.002	186.6	0.0346
344.03	0.004	194.5	0.0089	344.05	0.004	187.1	0.0408
344.07	0.008	194.8	0.0089	344.08	0.007	187.3	0.0444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
344.10	0.009	194.8	0.0142	344.10	0.009	187.6	0.0506
344.13	0.009	195	0.0169	344.13	0.012	188.1	0.0586
344.17	0.011	195.2	0.0213	344.17	0.017	188.5	0.0586
344.20	0.014	195.6	0.0257	344.20	0.019	188.5	0.0666
344.23	0.015	195.8	0.0293	344.23	0.019	188.8	0.0719
344.27	0.016	196	0.0328	344.27	0.021	189.3	0.079
344.30	0.019	196.3	0.0328	344.30	0.026	189.7	0.0861
344.33	0.021	196.5	0.0373	344.33	0.026	190.1	0.0905
344.37	0.021	196.5	0.0391	344.37	0.029	190.6	0.0976
344.40	0.022	196.8	0.0435	344.40	0.033	191	0.0976
344.43	0.024	197	0.0453	344.43	0.033	191	0.103
344.47	0.025	197.2	0.0479	344.47	0.033	191.2	0.1065
344.50	0.026	197.4	0.0506	344.50	0.035	191.6	0.111
344.53	0.027	197.6	0.0506	344.53	0.038	192	0.1145
344.57	0.028	197.8	0.0515	344.57	0.038	192.2	0.1163
344.60	0.028	197.8	0.0533	344.60	0.039	192.5	0.1189
344.63	0.028	198	0.0541	344.63	0.04	192.8	0.1189
344.67	0.028	198.1	0.055	344.67	0.04	192.8	0.1207
344.70	0.029	198.3	0.0559	344.70	0.04	193	0.1216
344.73	0.029	198.4	0.0559	344.73	0.04	193.2	0.1225
344.77	0.029	198.5	0.0559	344.77	0.04	193.3	0.1225
344.80	0.028	198.6	0.0559	344.80	0.04	193.5	0.1225
344.83	0.028	198.6	0.0559	344.83	0.04	193.6	0.1225
344.87	0.028	198.7	0.055	344.87	0.038	193.7	0.1225
344.90	0.027	198.7	0.0541	344.90	0.037	193.7	0.1207
344.93	0.026	198.7	0.0533	344.93	0.037	193.7	0.1189
344.97	0.025	198.7	0.0515	344.97	0.036	193.6	0.1163
345.00	0.024	198.7	0.0497	345.00	0.032	193.6	0.1136
345.03	0.022	198.6	0.0497	345.03	0.031	193.6	0.111
345.08	0.022	198.6	0.0462	345.07	0.03	193.4	0.1065
345.12	0.02	198.5	0.0435	345.10	0.025	193.2	0.1065
345.13	0.017	198.3	0.0435	345.13	0.024	193.2	0.1021
345.17	0.016	198.3	0.0408	345.17	0.024	193.1	0.0985
345.20	0.016	198.3	0.0382	345.20	0.022	192.8	0.0932
345.23	0.015	198.1	0.0346	345.23	0.017	192.5	0.0861
345.27	0.011	197.9	0.0311	345.27	0.016	192.3	0.0817
345.30	0.01	197.8	0.0284	345.30	0.013	191.9	0.0746
345.33	0.009	197.6	0.024	345.33	0.007	191.5	0.0746
345.37	0.005	197.3	0.024	345.37	0.006	191.5	0.0666
345.40	0.004	197.3	0.0195	345.40	0.006	191.3	0.0612
345.43	0.004	197.1	0.0169	345.43	0.004	190.8	0.0541
345.47	0.003	196.9	0.0124	345.48	-0.002	190.4	0.0462
345.50	-0.001	196.6	0.008	345.52	-0.002	190.1	0.0426
345.53	-0.002	196.4	0.0044	345.55	-0.004	189.7	0.0355
345.57	-0.003	196.2	0.0009	345.57	-0.01	189.2	0.0284
345.60	-0.007	195.8	0.0009	345.60	-0.011	188.8	0.0222
345.63	-0.008	195.8	-0.0036	345.63	-0.013	188.4	0.016
345.67	-0.008	195.6	-0.0062	345.67	-0.017	187.9	0.016
345.70	-0.009	195.4	-0.0098	345.70	-0.018	187.9	0.0089
345.73	-0.011	195	-0.0133	345.73	-0.018	187.6	0.0044
345.77	-0.013	194.8	-0.0151	345.77	-0.02	187.2	-0.0009
345.80	-0.013	194.6	-0.0178	345.80	-0.024	186.6	-0.0062
345.83	-0.014	194.3	-0.0178	345.83	-0.024	186.3	-0.0089
345.87	-0.016	194.1	-0.0195	345.87	-0.025	186	-0.0124
345.90	-0.016	194.1	-0.0213	345.90	-0.027	185.6	-0.0124
345.93	-0.016	194	-0.0222	345.93	-0.028	185.4	-0.016
345.97	-0.017	193.8	-0.024	345.97	-0.028	185.4	-0.0178
346.00	-0.017	193.6	-0.0249	346.00	-0.028	185.1	-0.0195
346.03	-0.017	193.5	-0.0249	346.03	-0.029	184.9	-0.0204
346.07	-0.017	193.4	-0.0249	346.07	-0.029	184.7	-0.0213
346.10	-0.017	193.3	-0.0257	346.10	-0.029	184.6	-0.0213
346.13	-0.017	193.3	-0.0249	346.13	-0.028	184.5	-0.0213
346.17	-0.017	193.2	-0.0249	346.17	-0.027	184.4	-0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
346.20	-0.016	193.2	-0.024	346.20	-0.027	184.4	-0.0204
346.23	-0.015	193.2	-0.0231	346.23	-0.026	184.4	-0.0178
346.27	-0.015	193.1	-0.0213	346.27	-0.025	184.4	-0.0169
346.30	-0.013	193.2	-0.0213	346.30	-0.023	184.4	-0.0142
346.33	-0.011	193.2	-0.0204	346.33	-0.022	184.4	-0.0124
346.37	-0.011	193.2	-0.0186	346.37	-0.02	184.6	-0.0089
346.40	-0.011	193.2	-0.0169	346.40	-0.016	184.8	-0.0089
346.43	-0.009	193.4	-0.0142	346.43	-0.015	184.8	-0.0044
346.47	-0.007	193.5	-0.0115	346.47	-0.015	184.9	-0.0009
346.52	-0.006	193.6	-0.0089	346.50	-0.012	185.2	0.0044
346.55	-0.005	193.7	-0.0071	346.53	-0.008	185.4	0.0098
346.57	-0.002	193.9	-0.0036	346.57	-0.006	185.6	0.0151
346.60	-0.001	194	0	346.60	-0.004	186	0.0213
346.63	0.001	194.2	0.0036	346.63	0.001	186.4	0.0213
346.67	0.004	194.4	0.0036	346.67	0.003	186.4	0.0293
346.70	0.004	194.4	0.008	346.70	0.003	186.6	0.0355
346.73	0.005	194.6	0.0115	346.73	0.006	187.2	0.0435
346.77	0.008	194.9	0.016	346.77	0.011	187.6	0.0506
346.80	0.011	195.1	0.0195	346.80	0.012	187.9	0.0568
346.83	0.012	195.4	0.0222	346.83	0.015	188.4	0.063
346.87	0.013	195.7	0.0257	346.87	0.019	188.8	0.063
346.90	0.016	195.9	0.0257	346.90	0.021	188.8	0.071
346.93	0.018	195.9	0.0311	346.95	0.023	189.5	0.0799
346.97	0.018	196.1	0.0346	346.98	0.026	189.8	0.0799
347.00	0.019	196.4	0.0382	347.00	0.027	189.8	0.0852
347.03	0.022	196.7	0.0417	347.03	0.027	190.2	0.0923
347.07	0.022	196.9	0.0435	347.07	0.03	190.7	0.0985
347.10	0.023	197.1	0.0462	347.10	0.033	191	0.1039
347.13	0.026	197.3	0.0462	347.13	0.034	191.4	0.1074
347.17	0.026	197.3	0.0497	347.17	0.035	191.7	0.111
347.20	0.026	197.5	0.0506	347.20	0.038	192.1	0.111
347.23	0.027	197.7	0.0524	347.23	0.038	192.1	0.1154
347.27	0.028	197.9	0.0541	347.27	0.038	192.3	0.1172
347.30	0.028	198.1	0.055	347.30	0.039	192.6	0.1189
347.33	0.029	198.2	0.0559	347.33	0.04	192.9	0.1207
347.37	0.029	198.3	0.0559	347.37	0.04	193.1	0.1216
347.40	0.029	198.3	0.0559	347.40	0.04	193.2	0.1216
347.43	0.029	198.4	0.0559	347.43	0.04	193.4	0.1216
347.47	0.029	198.5	0.0559	347.47	0.04	193.4	0.1216
347.50	0.028	198.6	0.0559	347.50	0.04	193.5	0.1216
347.53	0.028	198.7	0.055	347.53	0.04	193.6	0.1216
347.57	0.027	198.7	0.0541	347.57	0.038	193.7	0.1198
347.60	0.025	198.7	0.0541	347.60	0.036	193.7	0.1181
347.63	0.024	198.7	0.0524	347.63	0.035	193.7	0.1145
347.67	0.024	198.7	0.0515	347.67	0.032	193.5	0.1145
347.70	0.024	198.6	0.0488	347.70	0.03	193.5	0.1118
347.73	0.021	198.6	0.047	347.73	0.03	193.5	0.1083
347.77	0.02	198.5	0.0444	347.77	0.029	193.4	0.1047
347.80	0.019	198.4	0.0417	347.80	0.025	193.1	0.1003
347.83	0.015	198.2	0.0417	347.83	0.023	193	0.0959
347.87	0.015	198.2	0.0382	347.87	0.021	192.8	0.0897
347.90	0.015	198.1	0.0364	347.90	0.016	192.4	0.0897
347.93	0.013	198	0.0328	347.93	0.013	192.1	0.0834
347.98	0.01	197.6	0.0293	347.97	0.013	192.1	0.0781
348.02	0.01	197.6	0.0275	348.00	0.012	191.8	0.071
348.03	0.008	197.5	0.0222	348.03	0.007	191.4	0.0639
348.07	0.005	197.2	0.0178	348.07	0.004	191	0.0577
348.10	0.003	197	0.0151	348.10	0.002	190.7	0.0515
348.13	0.001	196.8	0.0107	348.13	-0.003	190.2	0.0515
348.17	-0.002	196.5	0.0107	348.17	-0.005	189.8	0.0426
348.20	-0.003	196.3	0.0062	348.20	-0.005	189.8	0.0373
348.23	-0.003	196.3	0.0036	348.23	-0.007	189.4	0.0302
348.27	-0.004	196	-0.0009	348.27	-0.011	188.9	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
348.30	-0.007	195.7	-0.0044	348.30	-0.014	188.5	0.016
348.33	-0.009	195.4	-0.008	348.33	-0.015	188.1	0.0098
348.37	-0.01	195.2	-0.0107	348.38	-0.018	187.6	0.0036
348.40	-0.012	194.9	-0.0107	348.42	-0.02	187.3	0.0009
348.43	-0.013	194.7	-0.0133	348.45	-0.021	187	-0.0036
348.47	-0.013	194.7	-0.016	348.47	-0.023	186.4	-0.0036
348.50	-0.013	194.5	-0.0178	348.50	-0.025	186.1	-0.008
348.53	-0.015	194.2	-0.0204	348.53	-0.025	186.1	-0.0124
348.57	-0.016	194	-0.0222	348.57	-0.026	185.8	-0.0151
348.60	-0.016	193.9	-0.0222	348.60	-0.027	185.5	-0.0169
348.63	-0.017	193.7	-0.0222	348.63	-0.028	185.2	-0.0186
348.67	-0.017	193.5	-0.024	348.67	-0.029	185	-0.0204
348.70	-0.017	193.5	-0.0249	348.70	-0.029	184.8	-0.0213
348.73	-0.017	193.4	-0.0249	348.73	-0.029	184.7	-0.0213
348.77	-0.017	193.3	-0.0249	348.77	-0.028	184.7	-0.0213
348.80	-0.017	193.2	-0.0249	348.80	-0.028	184.5	-0.0213
348.83	-0.017	193.2	-0.024	348.83	-0.028	184.4	-0.0204
348.87	-0.016	193.2	-0.0231	348.87	-0.026	184.4	-0.0195
348.90	-0.015	193.1	-0.0231	348.90	-0.026	184.3	-0.0186
348.93	-0.014	193.1	-0.0222	348.93	-0.025	184.3	-0.0169
348.97	-0.014	193.1	-0.0213	348.97	-0.022	184.4	-0.0169
349.00	-0.013	193.1	-0.0195	349.00	-0.021	184.4	-0.0142
349.03	-0.011	193.2	-0.0178	349.03	-0.021	184.5	-0.0115
349.07	-0.01	193.3	-0.016	349.07	-0.019	184.6	-0.0071
349.10	-0.009	193.4	-0.0133	349.10	-0.015	184.8	-0.0027
349.13	-0.006	193.5	-0.0133	349.13	-0.014	185	0.0009
349.17	-0.005	193.5	-0.0098	349.17	-0.012	185.2	0.0053
349.20	-0.005	193.6	-0.008	349.20	-0.007	185.5	0.0053
349.23	-0.004	193.8	-0.0036	349.23	-0.005	185.5	0.0124
349.27	0	194	0	349.27	-0.005	185.8	0.0169
349.30	0.001	194.1	0.0027	349.30	-0.003	186.1	0.024
349.33	0.003	194.4	0.0062	349.33	0.003	186.5	0.0328
349.37	0.006	194.6	0.0062	349.37	0.004	186.8	0.0382
349.42	0.007	194.8	0.0133	349.40	0.006	187.3	0.0453
349.45	0.008	195	0.016	349.43	0.012	187.7	0.0453
349.48	0.012	195.2	0.016	349.47	0.014	187.7	0.0533
349.50	0.012	195.2	0.0204	349.50	0.014	188.1	0.0586
349.53	0.012	195.4	0.024	349.53	0.016	188.5	0.0666
349.57	0.014	195.8	0.0293	349.57	0.021	188.9	0.0737
349.60	0.018	196	0.0337	349.60	0.022	189.3	0.079
349.63	0.018	196.2	0.0355	349.63	0.024	189.7	0.0852
349.67	0.02	196.5	0.0399	349.67	0.029	190.2	0.0852
349.70	0.023	196.8	0.0399	349.70	0.03	190.5	0.0923
349.73	0.023	196.8	0.0426	349.73	0.03	190.5	0.0968
349.77	0.023	196.9	0.0453	349.77	0.032	190.9	0.1021
349.80	0.024	197.2	0.0479	349.80	0.035	191.3	0.1065
349.83	0.026	197.4	0.0497	349.85	0.036	191.6	0.1101
349.87	0.027	197.6	0.0515	349.88	0.036	191.9	0.1127
349.90	0.027	197.8	0.0524	349.90	0.038	192.2	0.1154
349.93	0.028	197.9	0.0524	349.93	0.039	192.5	0.1172
349.97	0.029	197.9	0.0533	349.97	0.039	192.7	0.1198
350.00	0.029	198.1	0.055	350.00	0.04	193	0.1198
350.03	0.029	198.2	0.055	350.03	0.04	193.1	0.1207
350.07	0.029	198.3	0.0559	350.07	0.04	193.1	0.1216
350.10	0.029	198.4	0.0559	350.10	0.04	193.3	0.1225
350.13	0.028	198.5	0.0559	350.13	0.04	193.5	0.1225
350.17	0.028	198.6	0.0559	350.17	0.04	193.6	0.1225
350.20	0.028	198.6	0.0559	350.20	0.039	193.7	0.1207
350.23	0.028	198.7	0.055	350.23	0.037	193.7	0.1207
350.27	0.026	198.7	0.0533	350.27	0.035	193.7	0.1181
350.30	0.025	198.6	0.0515	350.30	0.035	193.7	0.1163
350.33	0.024	198.6	0.0506	350.33	0.034	193.7	0.1145
350.37	0.023	198.6	0.0479	350.37	0.032	193.5	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
350.40	0.021	198.5	0.0479	350.40	0.029	193.4	0.1074
350.43	0.019	198.4	0.0462	350.43	0.027	193.3	0.103
350.47	0.019	198.4	0.0435	350.47	0.024	193	0.0985
350.50	0.018	198.4	0.0408	350.50	0.021	192.9	0.0985
350.53	0.016	198.2	0.0373	350.53	0.021	192.9	0.0932
350.57	0.013	198	0.0346	350.57	0.019	192.7	0.0879
350.60	0.012	197.9	0.0302	350.60	0.016	192.3	0.0817
350.63	0.01	197.6	0.0257	350.63	0.012	192	0.0754
350.67	0.007	197.4	0.0257	350.67	0.01	191.7	0.0692
350.70	0.007	197.4	0.0231	350.70	0.006	191.2	0.0612
350.73	0.006	197.3	0.0195	350.73	0.002	190.9	0.0612
350.77	0.004	197	0.0151	350.77	0.002	190.9	0.0541
350.80	0.001	196.8	0.0107	350.80	0.001	190.6	0.0479
350.83	0	196.6	0.0071	350.83	-0.003	190	0.0408
350.88	-0.003	196.2	0.0036	350.87	-0.007	189.6	0.0337
350.92	-0.004	196.1	0.0018	350.90	-0.008	189.3	0.0275
350.93	-0.005	195.9	-0.0018	350.93	-0.011	188.7	0.0195
350.97	-0.006	195.6	-0.0044	350.97	-0.015	188.3	0.0195
351.00	-0.01	195.3	-0.0044	351.00	-0.016	188.3	0.0133
351.03	-0.01	195.3	-0.0089	351.03	-0.016	187.9	0.008
351.07	-0.01	195.1	-0.0115	351.07	-0.019	187.4	0.0027
351.10	-0.011	194.8	-0.0142	351.10	-0.022	187	-0.0036
351.13	-0.014	194.6	-0.0169	351.13	-0.023	186.7	-0.0071
351.17	-0.014	194.4	-0.0186	351.17	-0.024	186.2	-0.0107
351.20	-0.015	194.1	-0.0204	351.20	-0.027	185.9	-0.0107
351.23	-0.017	193.9	-0.0204	351.23	-0.027	185.9	-0.0142
351.27	-0.017	193.9	-0.0231	351.27	-0.027	185.6	-0.016
351.30	-0.017	193.8	-0.0231	351.32	-0.029	185.1	-0.0186
351.33	-0.016	193.6	-0.024	351.35	-0.028	185.1	-0.0195
351.37	-0.017	193.5	-0.0249	351.37	-0.028	184.9	-0.0204
351.40	-0.017	193.4	-0.0249	351.40	-0.029	184.7	-0.0213
351.43	-0.017	193.3	-0.0257	351.43	-0.029	184.6	-0.0213
351.47	-0.017	193.2	-0.0257	351.47	-0.028	184.5	-0.0213
351.50	-0.016	193.2	-0.0249	351.50	-0.028	184.4	-0.0204
351.53	-0.016	193.2	-0.024	351.53	-0.026	184.3	-0.0204
351.57	-0.015	193.1	-0.0231	351.57	-0.025	184.3	-0.0186
351.60	-0.015	193.1	-0.0231	351.60	-0.025	184.3	-0.0178
351.63	-0.014	193.1	-0.0213	351.63	-0.024	184.4	-0.0151
351.67	-0.013	193.2	-0.0186	351.67	-0.021	184.5	-0.0124
351.70	-0.01	193.3	-0.0186	351.70	-0.02	184.5	-0.0098
351.73	-0.009	193.3	-0.0169	351.73	-0.018	184.7	-0.0053
351.77	-0.009	193.3	-0.0151	351.77	-0.014	184.9	-0.0053
351.80	-0.008	193.4	-0.0115	351.80	-0.013	184.9	-0.0009
351.83	-0.005	193.6	-0.0089	351.83	-0.013	185	0.0027
351.87	-0.004	193.7	-0.0062	351.87	-0.011	185.3	0.008
351.90	-0.002	193.8	-0.0018	351.90	-0.006	185.6	0.0151
351.93	0.001	194.1	-0.0018	351.93	-0.004	185.9	0.0204
351.97	0.002	194.1	0.0009	351.97	-0.002	186.2	0.0275
352.00	0.002	194.2	0.0044	352.00	0.003	186.6	0.0275
352.03	0.004	194.4	0.008	352.03	0.006	187	0.0355
352.07	0.007	194.7	0.0124	352.07	0.006	187	0.0417
352.10	0.008	194.9	0.016	352.10	0.008	187.4	0.0488
352.13	0.01	195.1	0.0204	352.13	0.013	187.9	0.0568
352.17	0.013	195.4	0.0204	352.17	0.015	188.2	0.0621
352.20	0.015	195.7	0.024	352.20	0.017	188.6	0.0692
352.23	0.015	195.7	0.0284	352.23	0.021	189.1	0.0692
352.27	0.016	195.9	0.032	352.27	0.024	189.5	0.0772
352.32	0.02	196.4	0.0355	352.30	0.024	189.5	0.0826
352.35	0.02	196.4	0.0382	352.33	0.026	189.8	0.0897
352.38	0.02	196.6	0.0408	352.37	0.029	190.4	0.0959
352.40	0.022	196.8	0.0435	352.40	0.032	190.7	0.1012
352.43	0.024	197	0.0462	352.43	0.033	191.1	0.1047
352.47	0.025	197.2	0.0479	352.47	0.035	191.5	0.1092

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
352.50	0.026	197.5	0.0479	352.50	0.037	191.8	0.1092
352.53	0.027	197.7	0.0506	352.53	0.038	191.8	0.1127
352.57	0.027	197.7	0.0515	352.57	0.038	192.1	0.1154
352.60	0.027	197.8	0.0533	352.60	0.038	192.3	0.1181
352.63	0.028	198	0.055	352.63	0.04	192.6	0.1198
352.67	0.029	198.2	0.0559	352.67	0.04	192.9	0.1207
352.70	0.029	198.3	0.0559	352.70	0.04	193.1	0.1216
352.73	0.029	198.4	0.0559	352.75	0.04	193.2	0.1225
352.77	0.029	198.5	0.0559	352.78	0.04	193.4	0.1225
352.80	0.028	198.5	0.0559	352.82	0.04	193.5	0.1225
352.83	0.028	198.6	0.0559	352.83	0.04	193.7	0.1225
352.87	0.028	198.7	0.0559	352.87	0.038	193.7	0.1225
352.90	0.027	198.7	0.0541	352.90	0.038	193.7	0.1207
352.93	0.026	198.7	0.0533	352.93	0.037	193.7	0.1189
352.97	0.025	198.7	0.0515	352.97	0.034	193.7	0.1163
353.00	0.023	198.6	0.0515	353.00	0.033	193.6	0.1136
353.03	0.022	198.6	0.0497	353.03	0.032	193.6	0.1101
353.07	0.022	198.6	0.0479	353.07	0.028	193.4	0.1101
353.10	0.021	198.5	0.0444	353.10	0.026	193.4	0.1065
353.13	0.018	198.4	0.0426	353.13	0.026	193.3	0.103
353.17	0.017	198.3	0.0399	353.17	0.024	193.1	0.0976
353.20	0.016	198.1	0.0364	353.20	0.02	192.8	0.0914
353.23	0.012	197.9	0.0364	353.23	0.018	192.6	0.087
353.27	0.011	197.9	0.0328	353.27	0.016	192.3	0.0808
353.30	0.011	197.8	0.0302	353.30	0.01	191.9	0.0808
353.33	0.01	197.6	0.0257	353.33	0.009	191.6	0.0728
353.37	0.006	197.4	0.0213	353.37	0.009	191.6	0.0675
353.40	0.005	197.2	0.0186	353.40	0.006	191.2	0.0595
353.43	0.004	197	0.0142	353.43	0.001	190.7	0.0515
353.47	-0.001	196.7	0.0142	353.47	-0.001	190.4	0.0462
353.50	-0.001	196.7	0.0098	353.50	-0.003	190	0.0391
353.53	-0.001	196.5	0.0071	353.53	-0.007	189.5	0.0391
353.57	-0.002	196.2	0.0027	353.57	-0.01	189.1	0.032
353.60	-0.006	195.9	-0.0018	353.60	-0.01	189.1	0.0249
353.63	-0.007	195.7	-0.0044	353.63	-0.012	188.7	0.0178
353.67	-0.008	195.4	-0.008	353.67	-0.016	188.1	0.0107
353.70	-0.011	195.1	-0.008	353.70	-0.018	187.8	0.0062
353.73	-0.011	195.1	-0.0115	353.73	-0.019	187.4	0.0009
353.78	-0.012	194.7	-0.0151	353.77	-0.023	186.9	0.0009
353.82	-0.013	194.5	-0.0151	353.80	-0.024	186.5	-0.0044
353.83	-0.014	194.3	-0.0169	353.83	-0.024	186.5	-0.008
353.87	-0.014	194.3	-0.0195	353.87	-0.025	186.2	-0.0115
353.90	-0.015	194.1	-0.0213	353.90	-0.026	185.8	-0.0142
353.93	-0.016	193.9	-0.0231	353.93	-0.027	185.5	-0.0169
353.97	-0.017	193.7	-0.024	353.97	-0.028	185.3	-0.0186
354.00	-0.017	193.5	-0.0249	354.00	-0.029	185	-0.0186
354.03	-0.017	193.4	-0.0249	354.03	-0.029	184.8	-0.0204
354.07	-0.017	193.3	-0.0249	354.07	-0.029	184.8	-0.0213
354.10	-0.017	193.3	-0.0249	354.10	-0.029	184.7	-0.0213
354.13	-0.017	193.2	-0.0249	354.13	-0.028	184.5	-0.0213
354.17	-0.017	193.1	-0.0249	354.17	-0.027	184.5	-0.0204
354.20	-0.016	193.1	-0.024	354.22	-0.027	184.4	-0.0195
354.23	-0.015	193.1	-0.0231	354.25	-0.026	184.3	-0.0186
354.27	-0.014	193.1	-0.0213	354.27	-0.024	184.3	-0.0169
354.30	-0.013	193.1	-0.0213	354.30	-0.023	184.4	-0.0142
354.33	-0.012	193.1	-0.0204	354.33	-0.022	184.5	-0.0115
354.37	-0.012	193.1	-0.0186	354.37	-0.018	184.6	-0.0115
354.40	-0.011	193.2	-0.0169	354.40	-0.017	184.6	-0.008
354.43	-0.008	193.3	-0.0133	354.43	-0.017	184.7	-0.0053
354.47	-0.007	193.4	-0.0115	354.47	-0.015	185	-0.0009
354.50	-0.006	193.6	-0.0089	354.50	-0.01	185.2	0.0053
354.53	-0.003	193.7	-0.0089	354.53	-0.009	185.4	0.0098
354.57	-0.002	193.7	-0.0053	354.57	-0.007	185.8	0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
354.60	-0.002	193.9	-0.0018	354.60	-0.001	186.1	0.0169
354.63	0	194	0.0018	354.63	0	186.1	0.0231
354.67	0.004	194.3	0.0053	354.67	0	186.3	0.0293
354.70	0.004	194.4	0.0089	354.70	0.002	186.8	0.0364
354.73	0.006	194.7	0.0133	354.73	0.008	187.2	0.0444
354.77	0.01	195	0.0133	354.77	0.01	187.6	0.0506
354.80	0.011	195	0.0178	354.80	0.012	188	0.0568
354.83	0.011	195.1	0.0204	354.83	0.017	188.4	0.0568
354.87	0.012	195.4	0.0249	354.87	0.019	188.4	0.0648
354.90	0.016	195.8	0.0302	354.90	0.019	188.8	0.071
354.93	0.017	195.9	0.0328	354.93	0.021	189.2	0.0781
354.97	0.018	196.2	0.0364	354.97	0.026	189.7	0.0852
355.00	0.021	196.5	0.0364	355.00	0.027	190	0.0905
355.03	0.022	196.7	0.0399	355.03	0.029	190.5	0.0959
355.07	0.022	196.7	0.0426	355.07	0.033	190.9	0.0959
355.10	0.023	196.9	0.0453	355.10	0.033	190.9	0.1021
355.13	0.025	197.1	0.0479	355.13	0.033	191.2	0.1056
355.17	0.026	197.4	0.0497	355.17	0.035	191.5	0.1101
355.20	0.026	197.5	0.0515	355.20	0.037	191.9	0.1136
355.25	0.027	197.7	0.0533	355.25	0.038	192.2	0.1163
355.28	0.028	197.9	0.0541	355.28	0.039	192.4	0.1181
355.30	0.028	198	0.055	355.30	0.04	192.7	0.1181
355.33	0.029	198.2	0.055	355.33	0.04	192.7	0.1198
355.37	0.029	198.3	0.0559	355.37	0.04	192.9	0.1207
355.40	0.029	198.3	0.0559	355.40	0.04	193.1	0.1216
355.43	0.029	198.4	0.0559	355.43	0.04	193.3	0.1216
355.47	0.029	198.5	0.0559	355.47	0.04	193.4	0.1216
355.50	0.029	198.6	0.0559	355.50	0.04	193.6	0.1216
355.53	0.028	198.7	0.055	355.53	0.039	193.6	0.1216
355.57	0.027	198.7	0.0533	355.57	0.036	193.6	0.1207
355.60	0.025	198.6	0.0533	355.60	0.036	193.6	0.1181
355.63	0.025	198.6	0.0524	355.63	0.034	193.6	0.1163
355.67	0.025	198.6	0.0515	355.67	0.032	193.6	0.1145
355.70	0.024	198.6	0.0488	355.70	0.032	193.6	0.1127
355.73	0.021	198.5	0.047	355.73	0.031	193.5	0.1083
355.77	0.02	198.5	0.0444	355.77	0.027	193.3	0.1039
355.80	0.019	198.3	0.0408	355.80	0.024	193.1	0.0994
355.83	0.016	198.2	0.0408	355.83	0.023	193	0.095
355.87	0.015	198.2	0.0382	355.87	0.02	192.7	0.0897
355.90	0.015	198.1	0.0364	355.90	0.016	192.4	0.0897
355.93	0.013	197.9	0.032	355.93	0.016	192.4	0.0834
355.97	0.009	197.7	0.0284	355.97	0.014	192.2	0.0772
356.00	0.009	197.6	0.0249	356.00	0.01	191.7	0.0692
356.03	0.007	197.3	0.0204	356.03	0.006	191.4	0.063
356.07	0.003	197.1	0.0204	356.07	0.005	191.1	0.0568
356.10	0.002	197.1	0.0169	356.10	0.001	190.6	0.0497
356.13	0.002	196.9	0.0133	356.13	-0.003	190.2	0.0497
356.17	0.001	196.6	0.0089	356.17	-0.003	190.2	0.0426
356.20	-0.003	196.3	0.0044	356.20	-0.005	189.8	0.0355
356.23	-0.004	196.1	0.0018	356.23	-0.008	189.3	0.0275
356.27	-0.005	195.9	-0.0018	356.27	-0.012	188.8	0.0204
356.30	-0.008	195.6	-0.0018	356.30	-0.013	188.5	0.0142
356.33	-0.009	195.6	-0.0053	356.33	-0.016	187.9	0.008
356.37	-0.009	195.3	-0.0089	356.37	-0.019	187.5	0.008
356.40	-0.01	195	-0.0115	356.40	-0.019	187.5	0.0027
356.43	-0.013	194.8	-0.0151	356.43	-0.02	187.2	-0.0018
356.47	-0.013	194.6	-0.0169	356.47	-0.022	186.7	-0.0071
356.50	-0.014	194.4	-0.0195	356.50	-0.025	186.3	-0.0107
356.53	-0.015	194.1	-0.0195	356.53	-0.025	186	-0.0133
356.57	-0.016	193.9	-0.0213	356.57	-0.026	185.7	-0.016
356.60	-0.016	193.9	-0.0222	356.60	-0.028	185.4	-0.016
356.63	-0.016	193.8	-0.0231	356.63	-0.028	185.4	-0.0186
356.68	-0.017	193.5	-0.024	356.68	-0.028	185.2	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
356.72	-0.017	193.5	-0.0249	356.70	-0.029	184.9	-0.0213
356.75	-0.017	193.4	-0.0249	356.73	-0.029	184.8	-0.0222
356.77	-0.017	193.3	-0.0249	356.77	-0.029	184.6	-0.0222
356.80	-0.017	193.2	-0.0249	356.80	-0.028	184.5	-0.0222
356.83	-0.017	193.1	-0.024	356.83	-0.027	184.4	-0.0222
356.87	-0.016	193.1	-0.0231	356.87	-0.026	184.4	-0.0213
356.90	-0.015	193.1	-0.0231	356.90	-0.026	184.4	-0.0195
356.93	-0.014	193.1	-0.0222	356.93	-0.025	184.4	-0.0178
356.97	-0.014	193.1	-0.0213	356.97	-0.023	184.4	-0.016
357.00	-0.013	193.1	-0.0195	357.00	-0.022	184.4	-0.0133
357.03	-0.011	193.2	-0.0178	357.03	-0.02	184.6	-0.0098
357.07	-0.01	193.2	-0.016	357.07	-0.016	184.8	-0.0098
357.10	-0.009	193.3	-0.0133	357.12	-0.015	184.9	-0.0036
357.13	-0.006	193.5	-0.0133	357.15	-0.014	185	0
357.17	-0.005	193.5	-0.0107	357.17	-0.01	185.3	0
357.20	-0.005	193.6	-0.008	357.20	-0.008	185.3	0.0053
357.23	-0.003	193.8	-0.0044	357.23	-0.008	185.5	0.0107
357.27	0	194	0	357.27	-0.006	185.8	0.0169
357.30	0.001	194.1	0.0027	357.30	0	186.2	0.0249
357.33	0.003	194.3	0.0062	357.33	0.001	186.5	0.032
357.37	0.006	194.5	0.0062	357.37	0.004	186.9	0.0391
357.40	0.007	194.5	0.0107	357.40	0.01	187.4	0.0391
357.43	0.007	194.7	0.0142	357.43	0.011	187.4	0.047
357.47	0.009	195	0.0186	357.47	0.011	187.7	0.0524
357.50	0.012	195.3	0.0222	357.50	0.013	188.1	0.0595
357.53	0.013	195.5	0.0257	357.53	0.019	188.6	0.0675
357.57	0.015	195.8	0.0311	357.57	0.02	188.9	0.0728
357.60	0.018	196.1	0.0311	357.60	0.022	189.3	0.079
357.63	0.019	196.1	0.0346	357.63	0.026	189.8	0.079
357.67	0.019	196.3	0.0373	357.67	0.028	189.8	0.087
357.70	0.02	196.5	0.0408	357.70	0.028	190.2	0.0923
357.73	0.023	196.7	0.0435	357.73	0.03	190.5	0.0976
357.77	0.024	197	0.0462	357.77	0.033	191	0.103
357.80	0.025	197.2	0.0488	357.80	0.034	191.3	0.1065
357.83	0.026	197.4	0.0488	357.83	0.035	191.6	0.111
357.87	0.027	197.4	0.0506	357.87	0.038	192	0.111
357.90	0.027	197.6	0.0524	357.90	0.038	192.3	0.1145
357.93	0.027	197.8	0.0533	357.93	0.038	192.3	0.1163
357.97	0.028	197.9	0.055	357.97	0.039	192.5	0.1181
358.00	0.029	198.1	0.0559	358.00	0.04	192.8	0.1198
358.03	0.029	198.2	0.0559	358.03	0.04	193	0.1207
358.07	0.029	198.3	0.0559	358.07	0.04	193.2	0.1216
358.10	0.029	198.3	0.0559	358.10	0.04	193.3	0.1216
358.15	0.028	198.5	0.0559	358.13	0.04	193.5	0.1216
358.18	0.028	198.6	0.0559	358.17	0.04	193.5	0.1216
358.20	0.027	198.6	0.0559	358.20	0.04	193.6	0.1207
358.23	0.027	198.6	0.055	358.23	0.038	193.6	0.1198
358.27	0.026	198.7	0.0541	358.27	0.036	193.6	0.1172
358.30	0.025	198.6	0.0524	358.30	0.035	193.6	0.1145
358.33	0.024	198.6	0.0506	358.33	0.033	193.5	0.1118
358.37	0.023	198.6	0.0488	358.37	0.03	193.4	0.1118
358.40	0.021	198.5	0.0488	358.40	0.03	193.4	0.1083
358.43	0.019	198.4	0.0462	358.43	0.029	193.3	0.1039
358.47	0.019	198.4	0.0435	358.47	0.026	193.1	0.0994
358.50	0.018	198.3	0.0408	358.50	0.022	192.9	0.095
358.53	0.016	198.1	0.0382	358.55	0.02	192.7	0.0905
358.57	0.014	198	0.0346	358.58	0.019	192.5	0.0879
358.60	0.012	197.9	0.0311	358.62	0.015	192.2	0.0808
358.63	0.009	197.6	0.0311	358.63	0.013	192	0.0754
358.67	0.007	197.4	0.0275	358.67	0.01	191.5	0.0675
358.70	0.007	197.4	0.0231	358.70	0.005	191.2	0.0675
358.73	0.006	197.3	0.0204	358.73	0.003	191.2	0.0595
358.77	0.003	197	0.016	358.77	0.003	190.8	0.0541

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
358.80	0.001	196.8	0.0124	358.80	0	190.4	0.047
358.83	0	196.6	0.008	358.83	-0.005	189.9	0.0391
358.87	-0.003	196.2	0.008	358.87	-0.006	189.6	0.0328
358.90	-0.005	196	0.0036	358.90	-0.008	189.1	0.0249
358.93	-0.005	196	0	358.93	-0.013	188.6	0.0249
358.97	-0.006	195.8	-0.0036	358.97	-0.014	188.6	0.0178
359.00	-0.008	195.4	-0.0071	359.00	-0.014	188.2	0.0124
359.03	-0.01	195.1	-0.0098	359.03	-0.017	187.7	0.0053
359.07	-0.011	194.9	-0.0133	359.07	-0.02	187.3	0
359.10	-0.012	194.6	-0.016	359.10	-0.021	187	-0.0036
359.13	-0.014	194.4	-0.016	359.13	-0.023	186.5	-0.008
359.17	-0.015	194.4	-0.0178	359.17	-0.025	186.2	-0.008
359.20	-0.015	194.2	-0.0195	359.20	-0.026	186.2	-0.0124
359.23	-0.015	194	-0.0213	359.23	-0.026	185.9	-0.0151
359.27	-0.017	193.8	-0.0231	359.27	-0.027	185.5	-0.0178
359.30	-0.017	193.7	-0.024	359.30	-0.028	185.3	-0.0195
359.33	-0.017	193.6	-0.024	359.33	-0.028	185	-0.0213
359.37	-0.017	193.4	-0.024	359.37	-0.029	184.8	-0.0222
359.40	-0.017	193.4	-0.0249	359.40	-0.029	184.7	-0.0222
359.43	-0.017	193.3	-0.0249	359.43	-0.028	184.7	-0.0222
359.47	-0.017	193.2	-0.0249	359.47	-0.028	184.5	-0.0222
359.50	-0.017	193.1	-0.0249	359.50	-0.028	184.4	-0.0222
359.53	-0.016	193.1	-0.024	359.53	-0.027	184.4	-0.0213
359.58	-0.015	193	-0.0231	359.57	-0.026	184.3	-0.0195
359.62	-0.015	193	-0.0231	359.60	-0.025	184.3	-0.0169
359.65	-0.014	193	-0.0213	359.63	-0.022	184.4	-0.0169
359.67	-0.013	193.1	-0.0186	359.67	-0.021	184.4	-0.0142
359.70	-0.01	193.2	-0.0186	359.70	-0.021	184.5	-0.0124
359.73	-0.01	193.2	-0.0169	359.73	-0.019	184.6	-0.0089
359.77	-0.01	193.2	-0.0151	359.77	-0.015	184.8	-0.0044
359.80	-0.008	193.3	-0.0124	359.80	-0.014	184.9	0
359.83	-0.005	193.5	-0.0089	359.83	-0.012	185.2	0.0053
359.87	-0.004	193.6	-0.0062	359.87	-0.007	185.5	0.0053
359.90	-0.003	193.8	-0.0027	359.90	-0.005	185.5	0.0115
359.93	0.001	194	-0.0027	359.93	-0.005	185.8	0.016
359.97	0.002	194.1	0.0009	359.97	-0.003	186.1	0.0231
360.00	0.002	194.1	0.0036	360.02	0.003	186.7	0.0311
360.03	0.003	194.3	0.008	360.05	0.003	186.7	0.0346
360.07	0.007	194.6	0.0124	360.07	0.005	187.1	0.0417
360.10	0.009	194.8	0.016	360.10	0.01	187.6	0.0497
360.13	0.01	195	0.0195	360.13	0.013	187.9	0.055
360.17	0.013	195.4	0.0195	360.17	0.014	188.2	0.0621
360.20	0.015	195.6	0.024	360.20	0.019	188.8	0.0621
360.23	0.015	195.6	0.0284	360.23	0.021	189.1	0.0701
360.27	0.016	195.8	0.0328	360.27	0.021	189.1	0.0754
360.30	0.019	196.1	0.0364	360.30	0.023	189.5	0.0826
360.33	0.02	196.4	0.0391	360.33	0.027	190	0.0897
360.37	0.021	196.6	0.0417	360.37	0.03	190.4	0.095
360.40	0.023	196.8	0.0417	360.40	0.031	190.7	0.0994
360.43	0.025	197.1	0.0444	360.43	0.033	191.2	0.0994
360.47	0.025	197.1	0.047	360.47	0.035	191.5	0.1047
360.50	0.025	197.3	0.0497	360.50	0.035	191.5	0.1092
360.53	0.026	197.5	0.0515	360.53	0.036	191.8	0.1127
360.57	0.027	197.7	0.0533	360.57	0.038	192.1	0.1154
360.60	0.028	197.8	0.0541	360.60	0.039	192.4	0.1181
360.63	0.028	198	0.0541	360.63	0.039	192.6	0.1189
360.67	0.029	198.1	0.055	360.67	0.04	192.9	0.1207
360.70	0.029	198.1	0.0559	360.70	0.041	193.1	0.1207
360.73	0.029	198.3	0.0559	360.73	0.041	193.1	0.1216
360.77	0.029	198.4	0.0568	360.77	0.04	193.3	0.1216
360.80	0.029	198.5	0.0568	360.80	0.04	193.4	0.1216
360.83	0.029	198.6	0.0559	360.83	0.04	193.5	0.1216
360.87	0.028	198.6	0.055	360.87	0.039	193.6	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
360.90	0.026	198.6	0.055	360.90	0.037	193.6	0.1189
360.93	0.026	198.6	0.0533	360.93	0.035	193.6	0.1189
360.97	0.026	198.6	0.0524	360.97	0.034	193.6	0.1163
361.00	0.024	198.6	0.0506	361.00	0.034	193.6	0.1145
361.05	0.022	198.5	0.0488	361.03	0.032	193.5	0.111
361.08	0.022	198.5	0.0479	361.07	0.028	193.4	0.1065
361.10	0.021	198.4	0.0453	361.10	0.028	193.3	0.1039
361.13	0.018	198.3	0.0426	361.13	0.025	193	0.0985
361.17	0.017	198.2	0.0399	361.17	0.02	192.8	0.0985
361.20	0.016	198.1	0.0364	361.20	0.019	192.8	0.0932
361.23	0.012	197.9	0.0364	361.23	0.019	192.6	0.0888
361.27	0.011	197.9	0.0328	361.27	0.017	192.3	0.0826
361.30	0.011	197.8	0.0302	361.30	0.012	192	0.0746
361.33	0.01	197.5	0.0257	361.33	0.01	191.7	0.0692
361.37	0.006	197.3	0.0213	361.37	0.007	191.3	0.0621
361.40	0.005	197.1	0.0186	361.40	0.002	190.9	0.0621
361.43	0.004	196.9	0.0142	361.43	0.001	190.9	0.055
361.47	0	196.6	0.0142	361.48	-0.002	190.2	0.0444
361.50	-0.001	196.6	0.0098	361.52	-0.005	189.8	0.0444
361.53	-0.001	196.4	0.0062	361.53	-0.007	189.8	0.0391
361.57	-0.003	196.1	0.0027	361.57	-0.007	189.4	0.032
361.60	-0.006	195.9	-0.0018	361.60	-0.009	188.9	0.0231
361.63	-0.006	195.7	-0.0044	361.63	-0.014	188.4	0.0151
361.67	-0.008	195.3	-0.0089	361.67	-0.015	188.1	0.0107
361.70	-0.011	195	-0.0089	361.70	-0.017	187.6	0.0044
361.73	-0.012	195	-0.0115	361.73	-0.021	187.2	0.0044
361.77	-0.012	194.8	-0.0133	361.77	-0.022	187.2	-0.0009
361.80	-0.013	194.6	-0.016	361.80	-0.022	186.8	-0.0044
361.83	-0.015	194.3	-0.0186	361.83	-0.023	186.4	-0.0098
361.87	-0.015	194.2	-0.0195	361.87	-0.026	186	-0.0133
361.90	-0.016	194	-0.0213	361.90	-0.027	185.7	-0.016
361.93	-0.016	193.8	-0.0213	361.93	-0.027	185.4	-0.0178
361.97	-0.017	193.6	-0.0231	361.97	-0.028	185.2	-0.0178
362.00	-0.017	193.6	-0.024	362.00	-0.029	185.2	-0.0204
362.03	-0.017	193.5	-0.024	362.03	-0.029	185	-0.0213
362.07	-0.017	193.4	-0.0249	362.07	-0.029	184.8	-0.0213
362.10	-0.017	193.3	-0.0249	362.10	-0.029	184.6	-0.0222
362.13	-0.017	193.2	-0.0249	362.13	-0.028	184.5	-0.0222
362.17	-0.017	193.1	-0.0249	362.17	-0.028	184.4	-0.0204
362.20	-0.016	193.1	-0.024	362.20	-0.026	184.4	-0.0204
362.23	-0.016	193.1	-0.0231	362.23	-0.025	184.3	-0.0195
362.27	-0.015	193	-0.0222	362.27	-0.025	184.3	-0.0178
362.30	-0.014	193.1	-0.0204	362.30	-0.024	184.3	-0.016
362.33	-0.012	193.1	-0.0186	362.33	-0.022	184.5	-0.0133
362.37	-0.011	193.1	-0.0169	362.37	-0.019	184.6	-0.0098
362.40	-0.01	193.3	-0.0142	362.40	-0.018	184.6	-0.0062
362.43	-0.007	193.4	-0.0142	362.43	-0.015	184.9	-0.0018
362.48	-0.006	193.4	-0.0107	362.47	-0.012	185.1	-0.0018
362.52	-0.006	193.5	-0.008	362.50	-0.012	185.1	0.0018
362.55	-0.003	193.7	-0.008	362.53	-0.011	185.2	0.008
362.57	-0.002	193.7	-0.0044	362.57	-0.007	185.6	0.0142
362.60	-0.002	193.8	-0.0018	362.60	-0.003	185.9	0.0195
362.63	0	194.1	0.0027	362.63	-0.001	186.2	0.0275
362.67	0.004	194.3	0.0062	362.67	0.003	186.7	0.0355
362.70	0.005	194.4	0.0098	362.70	0.006	187.1	0.0355
362.73	0.006	194.7	0.0133	362.73	0.006	187.1	0.0417
362.77	0.01	194.9	0.0133	362.77	0.008	187.4	0.0479
362.80	0.011	194.9	0.0178	362.80	0.012	187.9	0.0559
362.83	0.011	195.1	0.0213	362.83	0.016	188.3	0.0621
362.87	0.012	195.4	0.0257	362.87	0.017	188.6	0.0701
362.90	0.016	195.7	0.0302	362.92	0.021	189.1	0.0763
362.93	0.017	195.9	0.0328	362.95	0.023	189.4	0.0799
362.97	0.018	196.2	0.0364	362.98	0.024	189.7	0.0852

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
363.00	0.021	196.4	0.0364	363.00	0.027	190.2	0.0914
363.03	0.022	196.4	0.0399	363.03	0.031	190.6	0.0914
363.07	0.022	196.7	0.0426	363.07	0.032	190.6	0.0976
363.10	0.023	196.9	0.0453	363.10	0.032	190.9	0.1021
363.13	0.025	197.1	0.0479	363.13	0.033	191.3	0.1065
363.17	0.026	197.3	0.0497	363.17	0.036	191.7	0.111
363.20	0.026	197.5	0.0515	363.20	0.037	192	0.1136
363.23	0.027	197.7	0.0515	363.23	0.038	192.3	0.1163
363.27	0.028	197.7	0.0533	363.27	0.04	192.6	0.1163
363.30	0.028	197.9	0.0541	363.30	0.04	192.6	0.1189
363.33	0.028	198	0.055	363.33	0.04	192.8	0.1207
363.37	0.029	198.2	0.0559	363.37	0.04	193	0.1216
363.40	0.029	198.3	0.0568	363.40	0.04	193.2	0.1225
363.43	0.029	198.4	0.0568	363.43	0.04	193.3	0.1225
363.47	0.029	198.5	0.0568	363.47	0.04	193.5	0.1225
363.50	0.028	198.5	0.0568	363.50	0.04	193.6	0.1225
363.53	0.028	198.5	0.0559	363.53	0.038	193.6	0.1225
363.57	0.027	198.6	0.0541	363.57	0.038	193.7	0.1207
363.60	0.026	198.6	0.0533	363.60	0.037	193.7	0.1181
363.63	0.025	198.6	0.0524	363.63	0.035	193.6	0.1163
363.67	0.024	198.6	0.0497	363.67	0.033	193.6	0.1145
363.70	0.022	198.5	0.0497	363.70	0.031	193.5	0.1101
363.73	0.021	198.4	0.0479	363.73	0.028	193.3	0.1101
363.77	0.021	198.4	0.0462	363.77	0.026	193.3	0.1056
363.80	0.02	198.4	0.0435	363.80	0.026	193.2	0.103
363.83	0.017	198.2	0.0399	363.83	0.024	193.1	0.0976
363.87	0.015	198.1	0.0373	363.87	0.02	192.7	0.0923
363.90	0.014	198	0.0346	363.90	0.018	192.5	0.087
363.95	0.012	197.7	0.0311	363.93	0.016	192.3	0.0808
363.98	0.01	197.6	0.0284	363.97	0.011	191.8	0.0808
364.00	0.009	197.5	0.024	364.00	0.008	191.5	0.0728
364.03	0.006	197.2	0.024	364.03	0.008	191.5	0.0675
364.07	0.004	197	0.0204	364.07	0.006	191.2	0.0604
364.10	0.004	197	0.0169	364.10	0.001	190.7	0.0524
364.13	0.003	196.8	0.0124	364.13	-0.001	190.3	0.047
364.17	0	196.5	0.0089	364.17	-0.003	190	0.0391
364.20	-0.003	196.2	0.0044	364.20	-0.008	189.4	0.0391
364.23	-0.004	196	0.0018	364.23	-0.01	189.1	0.0311
364.27	-0.005	195.7	-0.0018	364.27	-0.01	189.1	0.0257
364.30	-0.008	195.4	-0.0018	364.30	-0.012	188.7	0.0186
364.33	-0.008	195.4	-0.0062	364.33	-0.016	188.1	0.0115
364.37	-0.009	195.2	-0.0089	364.38	-0.018	187.7	0.0062
364.40	-0.011	194.9	-0.0124	364.42	-0.018	187.4	0.0027
364.43	-0.013	194.7	-0.0151	364.43	-0.021	187	-0.0018
364.47	-0.013	194.5	-0.0169	364.47	-0.023	186.5	-0.0062
364.50	-0.014	194.2	-0.0186	364.50	-0.024	186.2	-0.0098
364.53	-0.016	194	-0.0186	364.53	-0.026	185.8	-0.0098
364.57	-0.016	194	-0.0204	364.57	-0.027	185.6	-0.0133
364.60	-0.016	193.9	-0.0222	364.60	-0.027	185.6	-0.016
364.63	-0.016	193.7	-0.0231	364.63	-0.028	185.3	-0.0178
364.67	-0.017	193.5	-0.024	364.67	-0.028	185.1	-0.0195
364.70	-0.017	193.4	-0.0249	364.70	-0.029	184.8	-0.0204
364.73	-0.017	193.3	-0.0249	364.73	-0.029	184.7	-0.0213
364.77	-0.017	193.2	-0.0249	364.77	-0.029	184.5	-0.0213
364.80	-0.017	193.2	-0.0249	364.80	-0.028	184.4	-0.0213
364.83	-0.017	193.1	-0.0249	364.83	-0.027	184.4	-0.0204
364.87	-0.016	193.1	-0.024	364.87	-0.027	184.3	-0.0195
364.90	-0.015	193.1	-0.0231	364.90	-0.026	184.3	-0.0186
364.93	-0.015	193	-0.0222	364.93	-0.024	184.3	-0.0169
364.97	-0.014	193.1	-0.0204	364.97	-0.023	184.3	-0.0151
365.00	-0.011	193.1	-0.0204	365.00	-0.022	184.4	-0.0115
365.03	-0.011	193.1	-0.0186	365.03	-0.018	184.6	-0.0115
365.07	-0.011	193.1	-0.0169	365.07	-0.017	184.6	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
365.10	-0.009	193.2	-0.0142	365.10	-0.017	184.7	-0.0044
365.13	-0.006	193.4	-0.0115	365.13	-0.015	184.9	0
365.17	-0.006	193.5	-0.0089	365.17	-0.011	185.2	0.0053
365.20	-0.004	193.6	-0.0053	365.20	-0.009	185.3	0.0098
365.23	-0.001	193.8	-0.0053	365.23	-0.007	185.7	0.016
365.27	0	193.8	-0.0018	365.27	-0.002	186	0.016
365.30	0	194	0.0009	365.30	0	186	0.0231
365.33	0.002	194.2	0.0053	365.33	0	186.3	0.0302
365.37	0.005	194.4	0.0089	365.37	0.002	186.8	0.0373
365.42	0.006	194.6	0.0124	365.40	0.008	187.2	0.0462
365.45	0.007	194.7	0.0151	365.43	0.009	187.5	0.0506
365.47	0.01	195	0.0186	365.47	0.012	188	0.0577
365.50	0.012	195.2	0.0222	365.50	0.017	188.4	0.0577
365.53	0.013	195.5	0.0275	365.53	0.019	188.4	0.0666
365.57	0.016	195.8	0.0275	365.57	0.019	188.8	0.0719
365.60	0.018	196	0.032	365.60	0.021	189.2	0.079
365.63	0.018	196	0.0346	365.63	0.026	189.7	0.0861
365.67	0.019	196.3	0.0382	365.67	0.027	190	0.0905
365.70	0.021	196.6	0.0417	365.70	0.029	190.4	0.0968
365.73	0.023	196.8	0.0435	365.73	0.033	190.8	0.0968
365.77	0.024	197	0.047	365.77	0.034	190.8	0.103
365.80	0.025	197.2	0.047	365.82	0.035	191.5	0.1092
365.83	0.026	197.4	0.0488	365.85	0.036	191.8	0.1092
365.87	0.026	197.4	0.0506	365.88	0.037	191.8	0.1118
365.90	0.027	197.6	0.0524	365.90	0.037	192	0.1145
365.93	0.027	197.8	0.0541	365.93	0.038	192.4	0.1172
365.97	0.029	198	0.055	365.97	0.04	192.6	0.1198
366.00	0.029	198.1	0.0559	366.00	0.04	192.9	0.1216
366.03	0.029	198.2	0.0559	366.03	0.04	193.1	0.1225
366.07	0.029	198.3	0.0559	366.07	0.04	193.2	0.1225
366.10	0.029	198.3	0.0559	366.10	0.04	193.2	0.1225
366.13	0.029	198.4	0.0559	366.13	0.04	193.4	0.1225
366.17	0.029	198.5	0.0559	366.17	0.04	193.5	0.1225
366.20	0.028	198.6	0.0559	366.20	0.039	193.6	0.1216
366.23	0.027	198.6	0.0541	366.23	0.037	193.7	0.1198
366.27	0.026	198.6	0.0533	366.27	0.036	193.7	0.1181
366.30	0.024	198.6	0.0533	366.30	0.033	193.6	0.1181
366.33	0.023	198.6	0.0515	366.33	0.032	193.6	0.1154
366.37	0.023	198.5	0.0497	366.37	0.032	193.6	0.1127
366.40	0.022	198.5	0.0479	366.40	0.031	193.5	0.1083
366.43	0.02	198.4	0.0453	366.43	0.027	193.3	0.1039
366.47	0.019	198.3	0.0426	366.47	0.025	193.1	0.1003
366.50	0.017	198.1	0.0391	366.50	0.023	193	0.095
366.53	0.014	198	0.0391	366.53	0.019	192.6	0.095
366.57	0.013	198	0.0355	366.57	0.016	192.4	0.0897
366.60	0.013	197.9	0.0337	366.60	0.016	192.4	0.0843
366.63	0.011	197.7	0.0293	366.63	0.014	192.1	0.0772
366.67	0.007	197.4	0.0249	366.67	0.01	191.7	0.071
366.70	0.007	197.3	0.0213	366.70	0.007	191.4	0.0648
366.73	0.005	197	0.0178	366.73	0.005	191.1	0.0568
366.77	0.002	196.8	0.0178	366.77	0	190.5	0.0568
366.80	0.001	196.8	0.0133	366.80	-0.003	190.1	0.0488
366.85	-0.001	196.4	0.008	366.83	-0.003	190.1	0.0426
366.88	-0.003	196.2	0.008	366.87	-0.005	189.8	0.0355
366.92	-0.004	196.2	0.0044	366.90	-0.008	189.3	0.0284
366.93	-0.004	195.9	0.0009	366.93	-0.012	188.8	0.0213
366.97	-0.006	195.7	-0.0036	366.97	-0.013	188.5	0.0151
367.00	-0.009	195.3	-0.0071	367.00	-0.016	187.9	0.0089
367.03	-0.01	195.1	-0.0098	367.03	-0.019	187.5	0.0089
367.07	-0.011	194.8	-0.0133	367.07	-0.019	187.5	0.0027
367.10	-0.013	194.6	-0.0133	367.10	-0.02	187.2	-0.0009
367.13	-0.014	194.6	-0.016	367.13	-0.023	186.7	-0.0062
367.17	-0.014	194.4	-0.0178	367.17	-0.025	186.3	-0.0098

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
367.20	-0.014	194.2	-0.0195	367.20	-0.025	186	-0.0133
367.23	-0.016	193.9	-0.0222	367.23	-0.027	185.6	-0.0169
367.27	-0.016	193.8	-0.0231	367.28	-0.028	185.4	-0.0186
367.30	-0.017	193.6	-0.024	367.32	-0.028	185.2	-0.0195
367.33	-0.017	193.5	-0.024	367.33	-0.028	184.9	-0.0204
367.37	-0.017	193.5	-0.024	367.37	-0.029	184.7	-0.0204
367.40	-0.017	193.3	-0.0249	367.40	-0.029	184.7	-0.0213
367.43	-0.017	193.2	-0.0249	367.43	-0.029	184.6	-0.0222
367.47	-0.017	193.1	-0.0249	367.47	-0.029	184.4	-0.0222
367.50	-0.016	193.1	-0.024	367.50	-0.028	184.4	-0.0213
367.53	-0.016	193	-0.0231	367.53	-0.027	184.3	-0.0204
367.57	-0.015	193	-0.0231	367.57	-0.026	184.3	-0.0186
367.60	-0.014	193	-0.0222	367.60	-0.024	184.3	-0.0186
367.63	-0.014	193	-0.0213	367.63	-0.022	184.3	-0.016
367.67	-0.013	193	-0.0195	367.67	-0.022	184.3	-0.0142
367.70	-0.012	193.1	-0.0178	367.70	-0.021	184.5	-0.0107
367.73	-0.01	193.2	-0.016	367.73	-0.017	184.6	-0.0071
367.77	-0.009	193.2	-0.0133	367.77	-0.016	184.7	-0.0036
367.80	-0.007	193.4	-0.0133	367.80	-0.014	185	0.0009
367.83	-0.005	193.5	-0.0107	367.83	-0.009	185.2	0.0009
367.87	-0.005	193.5	-0.008	367.87	-0.008	185.2	0.0062
367.90	-0.003	193.6	-0.0044	367.90	-0.008	185.4	0.0115
367.93	-0.001	193.9	-0.0009	367.93	-0.005	185.8	0.0186
367.97	0.002	194	0.0027	367.97	0	186.2	0.0257
368.00	0.003	194.2	0.0071	368.00	0.001	186.5	0.0328
368.03	0.005	194.5	0.0071	368.03	0.004	187	0.0399
368.07	0.008	194.7	0.0107	368.07	0.01	187.4	0.0399
368.10	0.008	194.7	0.0142	368.10	0.011	187.4	0.0479
368.13	0.009	194.9	0.0186	368.13	0.011	187.7	0.0533
368.17	0.011	195.2	0.0222	368.17	0.013	188.1	0.0604
368.20	0.014	195.5	0.0275	368.20	0.019	188.5	0.0675
368.23	0.015	195.7	0.0293	368.23	0.02	188.9	0.0737
368.27	0.017	196	0.0337	368.27	0.022	189.4	0.0799
368.32	0.02	196.2	0.0373	368.30	0.027	189.8	0.0799
368.35	0.02	196.4	0.0391	368.33	0.028	189.8	0.087
368.37	0.021	196.6	0.0426	368.37	0.028	190.1	0.0923
368.40	0.024	196.9	0.0426	368.40	0.03	190.6	0.0985
368.43	0.024	196.9	0.0453	368.43	0.034	191	0.1039
368.47	0.024	197.1	0.047	368.47	0.034	191.3	0.1074
368.50	0.025	197.3	0.0497	368.50	0.035	191.6	0.111
368.53	0.027	197.5	0.0515	368.53	0.038	192	0.111
368.57	0.027	197.7	0.0533	368.57	0.038	192	0.1145
368.60	0.028	197.8	0.0541	368.60	0.038	192.2	0.1163
368.63	0.029	198	0.0541	368.63	0.039	192.5	0.1189
368.67	0.029	198	0.055	368.67	0.04	192.7	0.1207
368.70	0.029	198.1	0.0559	368.70	0.04	193	0.1216
368.73	0.029	198.2	0.0568	368.75	0.04	193.2	0.1216
368.77	0.029	198.4	0.0568	368.78	0.04	193.3	0.1216
368.80	0.029	198.5	0.0568	368.80	0.04	193.5	0.1225
368.83	0.029	198.6	0.0559	368.83	0.04	193.6	0.1225
368.87	0.027	198.6	0.0559	368.87	0.038	193.6	0.1225
368.90	0.026	198.6	0.055	368.90	0.037	193.6	0.1207
368.93	0.026	198.6	0.0541	368.93	0.037	193.7	0.1189
368.97	0.026	198.6	0.0524	368.97	0.036	193.7	0.1163
369.00	0.024	198.6	0.0506	369.00	0.033	193.6	0.1136
369.03	0.023	198.5	0.0488	369.03	0.031	193.5	0.111
369.07	0.022	198.5	0.0462	369.07	0.029	193.4	0.1065
369.10	0.019	198.3	0.0462	369.10	0.026	193.2	0.1065
369.13	0.018	198.3	0.0435	369.13	0.024	193	0.1021
369.17	0.018	198.3	0.0408	369.17	0.024	193	0.0985
369.20	0.016	198.1	0.0382	369.20	0.022	192.9	0.0923
369.23	0.014	197.9	0.0346	369.23	0.018	192.5	0.087
369.27	0.012	197.8	0.032	369.27	0.015	192.3	0.0808

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
369.30	0.011	197.7	0.0284	369.30	0.013	192	0.0746
369.33	0.007	197.4	0.0284	369.33	0.009	191.5	0.0746
369.37	0.006	197.2	0.0231	369.37	0.005	191.2	0.0666
369.40	0.006	197.2	0.0204	369.40	0.005	191.2	0.0604
369.43	0.004	197	0.016	369.43	0.003	190.9	0.0533
369.47	0.001	196.7	0.0115	369.47	-0.001	190.4	0.0462
369.50	-0.001	196.5	0.0089	369.50	-0.004	190	0.0399
369.53	-0.002	196.3	0.0044	369.53	-0.006	189.6	0.0328
369.57	-0.005	195.9	0.0044	369.57	-0.01	189	0.0328
369.60	-0.007	195.7	0	369.60	-0.013	188.6	0.024
369.63	-0.007	195.7	-0.0027	369.63	-0.013	188.6	0.0178
369.67	-0.007	195.5	-0.0062	369.67	-0.014	188.3	0.0115
369.70	-0.01	195.1	-0.0098	369.70	-0.018	187.7	0.0053
369.75	-0.011	194.9	-0.0124	369.73	-0.02	187.3	0.0009
369.78	-0.012	194.7	-0.0142	369.77	-0.021	187	-0.0044
369.82	-0.013	194.4	-0.0169	369.80	-0.024	186.5	-0.0089
369.83	-0.014	194.2	-0.0186	369.83	-0.026	186.1	-0.0089
369.87	-0.015	194.1	-0.0204	369.87	-0.026	186.1	-0.0124
369.90	-0.016	193.8	-0.0204	369.90	-0.026	185.9	-0.0151
369.93	-0.017	193.7	-0.0222	369.93	-0.027	185.5	-0.0178
369.97	-0.017	193.7	-0.0231	369.97	-0.028	185.3	-0.0195
370.00	-0.017	193.5	-0.024	370.00	-0.029	185	-0.0213
370.03	-0.017	193.4	-0.0249	370.03	-0.029	184.8	-0.0213
370.07	-0.017	193.3	-0.0249	370.07	-0.029	184.7	-0.0213
370.10	-0.017	193.2	-0.0249	370.10	-0.028	184.7	-0.0222
370.13	-0.017	193.1	-0.0249	370.13	-0.028	184.5	-0.0222
370.17	-0.016	193	-0.0249	370.18	-0.027	184.3	-0.0213
370.20	-0.016	193	-0.024	370.22	-0.026	184.3	-0.0213
370.23	-0.016	193	-0.0231	370.23	-0.026	184.3	-0.0204
370.27	-0.015	193	-0.0222	370.27	-0.025	184.3	-0.0178
370.30	-0.013	193	-0.0204	370.30	-0.023	184.4	-0.016
370.33	-0.012	193	-0.0186	370.33	-0.022	184.4	-0.0133
370.37	-0.011	193.1	-0.0169	370.37	-0.02	184.6	-0.0098
370.40	-0.009	193.2	-0.0169	370.40	-0.016	184.7	-0.0098
370.43	-0.008	193.2	-0.0142	370.43	-0.015	184.7	-0.0062
370.47	-0.008	193.3	-0.0124	370.47	-0.015	184.8	-0.0018
370.50	-0.007	193.4	-0.0098	370.50	-0.013	185.1	0.0027
370.53	-0.004	193.6	-0.0062	370.53	-0.008	185.4	0.0089
370.57	-0.002	193.7	-0.0036	370.57	-0.006	185.6	0.0142
370.60	-0.001	193.9	0	370.60	-0.004	186	0.0204
370.63	0.002	194.1	0	370.63	0.001	186.3	0.0204
370.67	0.004	194.1	0.0044	370.67	0.002	186.3	0.0293
370.70	0.004	194.3	0.008	370.70	0.002	186.6	0.0346
370.73	0.005	194.5	0.0115	370.73	0.005	187.1	0.0426
370.77	0.01	194.8	0.016	370.77	0.011	187.5	0.0506
370.80	0.01	195	0.0195	370.80	0.012	187.8	0.0559
370.83	0.011	195.3	0.0231	370.83	0.014	188.3	0.063
370.87	0.015	195.6	0.0231	370.87	0.02	188.8	0.063
370.90	0.016	195.6	0.0284	370.90	0.021	188.8	0.071
370.93	0.016	195.8	0.0311	370.93	0.021	189.1	0.0763
370.97	0.017	196	0.0346	370.97	0.023	189.6	0.0826
371.00	0.021	196.3	0.0391	371.00	0.028	190	0.0905
371.03	0.021	196.5	0.0408	371.03	0.029	190.3	0.095
371.07	0.022	196.7	0.0444	371.07	0.031	190.7	0.1012
371.10	0.025	197	0.0444	371.10	0.034	191.2	0.1012
371.13	0.025	197	0.0479	371.13	0.035	191.2	0.1056
371.17	0.025	197.2	0.0497	371.17	0.035	191.4	0.1092
371.22	0.027	197.6	0.0506	371.20	0.036	191.8	0.1127
371.25	0.027	197.6	0.0524	371.23	0.039	192.1	0.1163
371.27	0.027	197.7	0.0533	371.27	0.039	192.4	0.1181
371.30	0.028	197.9	0.0541	371.30	0.04	192.6	0.1198
371.33	0.028	198	0.055	371.33	0.04	192.8	0.1198
371.37	0.029	198.2	0.0559	371.37	0.04	192.8	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
371.40	0.029	198.3	0.0568	371.40	0.04	193.1	0.1216
371.43	0.029	198.4	0.0568	371.43	0.04	193.2	0.1216
371.47	0.029	198.5	0.0568	371.47	0.04	193.4	0.1216
371.50	0.029	198.5	0.0568	371.50	0.04	193.5	0.1216
371.53	0.028	198.6	0.0559	371.53	0.039	193.6	0.1207
371.57	0.027	198.6	0.0541	371.57	0.037	193.6	0.1207
371.60	0.026	198.6	0.0533	371.60	0.035	193.6	0.1189
371.63	0.025	198.6	0.0524	371.65	0.034	193.6	0.1154
371.67	0.024	198.5	0.0524	371.68	0.033	193.6	0.1154
371.70	0.022	198.5	0.0497	371.70	0.031	193.5	0.1136
371.73	0.022	198.5	0.0479	371.73	0.031	193.5	0.1101
371.77	0.021	198.4	0.0453	371.77	0.029	193.4	0.1056
371.80	0.019	198.3	0.0426	371.80	0.025	193.1	0.1003
371.83	0.017	198.2	0.0399	371.83	0.022	192.9	0.0959
371.87	0.016	198.1	0.0373	371.87	0.021	192.8	0.0905
371.90	0.013	197.8	0.0337	371.90	0.016	192.4	0.0905
371.93	0.01	197.7	0.0337	371.93	0.014	192.1	0.0843
371.97	0.01	197.7	0.0302	371.97	0.014	192.1	0.079
372.00	0.01	197.5	0.0257	372.00	0.012	191.9	0.0719
372.03	0.007	197.3	0.0213	372.03	0.007	191.4	0.0639
372.07	0.004	197.1	0.0178	372.07	0.004	191	0.0577
372.10	0.004	196.9	0.0151	372.10	0.002	190.7	0.0506
372.13	0.001	196.6	0.0107	372.13	-0.002	190.2	0.0506
372.17	-0.002	196.4	0.0107	372.17	-0.005	189.8	0.0435
372.20	-0.002	196.4	0.0062	372.20	-0.005	189.8	0.0373
372.23	-0.003	196.2	0.0027	372.23	-0.007	189.4	0.0302
372.27	-0.005	195.8	-0.0009	372.27	-0.011	188.8	0.0213
372.30	-0.007	195.6	-0.0044	372.30	-0.014	188.4	0.016
372.33	-0.008	195.3	-0.0071	372.33	-0.015	188.1	0.0098
372.37	-0.01	195	-0.0107	372.37	-0.018	187.6	0.0098
372.40	-0.012	194.8	-0.0107	372.40	-0.021	187.2	0.0036
372.43	-0.012	194.8	-0.0133	372.43	-0.021	187.2	-0.0009
372.47	-0.012	194.6	-0.0151	372.47	-0.022	186.8	-0.0062
372.50	-0.014	194.3	-0.0186	372.50	-0.024	186.3	-0.0107
372.53	-0.016	194.1	-0.0204	372.53	-0.026	186	-0.0133
372.57	-0.016	193.9	-0.0213	372.57	-0.026	185.7	-0.016
372.60	-0.016	193.7	-0.0231	372.60	-0.027	185.4	-0.016
372.63	-0.017	193.6	-0.0231	372.63	-0.029	185.1	-0.0186
372.68	-0.017	193.4	-0.024	372.67	-0.029	185.1	-0.0204
372.72	-0.017	193.3	-0.0249	372.70	-0.029	184.9	-0.0213
372.73	-0.017	193.2	-0.0249	372.73	-0.028	184.7	-0.0213
372.77	-0.017	193.2	-0.0249	372.77	-0.028	184.6	-0.0222
372.80	-0.017	193.1	-0.0249	372.80	-0.028	184.4	-0.0222
372.83	-0.017	193.1	-0.024	372.83	-0.028	184.4	-0.0213
372.87	-0.016	193	-0.0231	372.87	-0.026	184.3	-0.0213
372.90	-0.015	193	-0.0231	372.90	-0.025	184.3	-0.0195
372.93	-0.014	193	-0.0213	372.93	-0.025	184.3	-0.0178
372.97	-0.012	193	-0.0213	372.97	-0.024	184.4	-0.016
373.00	-0.012	193	-0.0195	373.00	-0.021	184.5	-0.0133
373.03	-0.012	193	-0.0178	373.03	-0.02	184.5	-0.0107
373.07	-0.011	193.1	-0.016	373.08	-0.018	184.7	-0.0062
373.10	-0.008	193.2	-0.0133	373.12	-0.015	184.8	-0.0044
373.13	-0.007	193.3	-0.0115	373.15	-0.014	184.9	0
373.17	-0.006	193.4	-0.008	373.17	-0.012	185.2	0.0053
373.20	-0.003	193.6	-0.008	373.20	-0.007	185.5	0.0053
373.23	-0.002	193.6	-0.0044	373.23	-0.006	185.5	0.0115
373.27	-0.002	193.8	-0.0018	373.27	-0.006	185.7	0.0169
373.30	0	193.9	0.0027	373.30	-0.003	186.1	0.024
373.33	0.003	194.2	0.0062	373.33	0.003	186.5	0.0328
373.37	0.005	194.4	0.0089	373.37	0.004	186.8	0.0382
373.40	0.006	194.6	0.0133	373.40	0.006	187.3	0.0444
373.43	0.01	194.9	0.0133	373.43	0.012	187.7	0.0444
373.47	0.011	195.1	0.0178	373.47	0.013	187.7	0.0533

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
373.50	0.011	195.1	0.0213	373.50	0.013	188	0.0586
373.53	0.013	195.3	0.0249	373.53	0.016	188.5	0.0666
373.57	0.015	195.6	0.0302	373.57	0.021	188.9	0.0746
373.60	0.017	195.9	0.0328	373.60	0.022	189.3	0.0799
373.63	0.018	196.1	0.0373	373.63	0.024	189.7	0.0861
373.67	0.021	196.4	0.0373	373.67	0.029	190.2	0.0861
373.70	0.022	196.6	0.0399	373.70	0.03	190.2	0.0932
373.73	0.022	196.6	0.0426	373.73	0.03	190.5	0.0976
373.77	0.023	196.8	0.0462	373.77	0.032	190.9	0.103
373.80	0.024	197.1	0.0479	373.80	0.035	191.3	0.1074
373.83	0.026	197.3	0.0506	373.83	0.035	191.6	0.111
373.87	0.026	197.4	0.0515	373.87	0.037	191.9	0.1145
373.90	0.027	197.6	0.0515	373.90	0.039	192.3	0.1145
373.93	0.028	197.8	0.0533	373.93	0.039	192.3	0.1181
373.97	0.028	197.8	0.055	373.97	0.039	192.5	0.1189
374.00	0.029	198	0.0559	374.00	0.04	192.7	0.1207
374.03	0.029	198.1	0.0559	374.03	0.04	192.9	0.1216
374.07	0.029	198.2	0.0559	374.07	0.04	193.1	0.1225
374.12	0.029	198.3	0.0559	374.10	0.04	193.3	0.1225
374.15	0.028	198.4	0.0559	374.13	0.04	193.4	0.1225
374.17	0.028	198.5	0.0559	374.17	0.04	193.4	0.1225
374.20	0.028	198.6	0.0559	374.20	0.04	193.6	0.1216
374.23	0.027	198.6	0.0541	374.23	0.038	193.6	0.1198
374.27	0.025	198.5	0.0541	374.27	0.036	193.6	0.1181
374.30	0.025	198.5	0.0524	374.30	0.034	193.6	0.1154
374.33	0.025	198.6	0.0515	374.33	0.033	193.6	0.1127
374.37	0.024	198.5	0.0488	374.37	0.03	193.4	0.1127
374.40	0.021	198.4	0.0462	374.40	0.028	193.3	0.1092
374.43	0.02	198.4	0.0453	374.43	0.028	193.3	0.1065
374.47	0.019	198.3	0.0417	374.47	0.026	193.2	0.1012
374.50	0.016	198.1	0.0417	374.50	0.023	192.9	0.0959
374.53	0.015	198.1	0.0391	374.55	0.02	192.7	0.0914
374.57	0.015	198	0.0364	374.58	0.02	192.6	0.0879
374.60	0.013	197.8	0.032	374.60	0.016	192.2	0.0826
374.63	0.009	197.6	0.0284	374.63	0.012	191.9	0.0763
374.67	0.009	197.5	0.0249	374.67	0.011	191.7	0.0692
374.70	0.007	197.3	0.0213	374.70	0.006	191.2	0.0692
374.73	0.004	197	0.0213	374.73	0.002	190.8	0.0604
374.77	0.002	197	0.0169	374.77	0.002	190.8	0.0541
374.80	0.002	196.8	0.0142	374.80	0.001	190.5	0.0479
374.83	0.001	196.6	0.0098	374.83	-0.003	189.9	0.0399
374.87	-0.002	196.2	0.0053	374.87	-0.007	189.5	0.0328
374.90	-0.004	196	0.0018	374.90	-0.008	189.2	0.0257
374.93	-0.005	195.8	-0.0018	374.93	-0.012	188.6	0.0257
374.97	-0.008	195.4	-0.0018	374.97	-0.015	188.2	0.0178
375.00	-0.009	195.2	-0.0062	375.00	-0.015	188.2	0.0124
375.03	-0.009	195.2	-0.0089	375.03	-0.016	187.9	0.0071
375.07	-0.01	195	-0.0115	375.07	-0.019	187.3	0.0009
375.10	-0.012	194.7	-0.0142	375.10	-0.022	187	-0.0036
375.13	-0.014	194.4	-0.0169	375.13	-0.023	186.6	-0.008
375.17	-0.014	194.3	-0.0186	375.17	-0.025	186.2	-0.0115
375.20	-0.015	194	-0.0186	375.20	-0.026	185.8	-0.0115
375.23	-0.016	193.8	-0.0204	375.23	-0.026	185.8	-0.0151
375.27	-0.016	193.8	-0.0222	375.27	-0.027	185.6	-0.0178
375.30	-0.016	193.7	-0.0231	375.30	-0.028	185.3	-0.0195
375.33	-0.017	193.5	-0.024	375.33	-0.029	185	-0.0213
375.37	-0.017	193.4	-0.0249	375.37	-0.029	184.8	-0.0222
375.40	-0.017	193.3	-0.0249	375.40	-0.029	184.6	-0.0222
375.43	-0.017	193.2	-0.0249	375.43	-0.028	184.5	-0.0222
375.47	-0.017	193.1	-0.0249	375.47	-0.028	184.5	-0.0222
375.50	-0.016	193.1	-0.024	375.50	-0.028	184.4	-0.0222
375.53	-0.016	193	-0.024	375.53	-0.027	184.3	-0.0204
375.58	-0.015	193	-0.0231	375.57	-0.026	184.3	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
375.62	-0.014	193	-0.0222	375.60	-0.025	184.3	-0.0169
375.63	-0.014	193	-0.0213	375.63	-0.023	184.4	-0.0151
375.67	-0.014	193	-0.0195	375.67	-0.02	184.5	-0.0151
375.70	-0.011	193.1	-0.0169	375.70	-0.019	184.5	-0.0115
375.73	-0.01	193.1	-0.0151	375.73	-0.019	184.5	-0.0089
375.77	-0.009	193.2	-0.0133	375.77	-0.017	184.7	-0.0053
375.80	-0.006	193.4	-0.0133	375.80	-0.013	185	0
375.83	-0.005	193.4	-0.0098	375.83	-0.012	185.1	0.0044
375.87	-0.005	193.4	-0.0071	375.87	-0.009	185.5	0.0107
375.90	-0.003	193.6	-0.0036	375.90	-0.004	185.8	0.0107
375.93	0	193.8	0	375.93	-0.003	185.8	0.0169
375.97	0.001	194	0.0027	375.98	0	186.3	0.0275
376.00	0.002	194.2	0.0071	376.02	0.003	186.6	0.0275
376.03	0.006	194.5	0.0071	376.05	0.005	186.6	0.0328
376.07	0.007	194.5	0.0115	376.07	0.005	186.9	0.0399
376.10	0.007	194.6	0.0142	376.10	0.008	187.4	0.0488
376.13	0.009	194.9	0.0186	376.13	0.014	187.9	0.0568
376.17	0.012	195.1	0.0231	376.17	0.015	188.2	0.0621
376.20	0.013	195.4	0.0257	376.20	0.017	188.7	0.0692
376.23	0.015	195.6	0.0311	376.23	0.022	189.1	0.0692
376.27	0.018	196	0.0311	376.27	0.024	189.1	0.0772
376.30	0.02	196.2	0.0355	376.30	0.024	189.4	0.0817
376.33	0.02	196.2	0.0382	376.33	0.025	189.8	0.0879
376.37	0.02	196.4	0.0408	376.37	0.03	190.3	0.095
376.40	0.022	196.6	0.0435	376.40	0.031	190.6	0.0994
376.43	0.024	196.9	0.0462	376.43	0.032	191	0.1039
376.47	0.025	197.1	0.0488	376.47	0.035	191.4	0.1039
376.50	0.026	197.3	0.0488	376.50	0.036	191.7	0.1092
376.53	0.027	197.5	0.0515	376.53	0.036	191.7	0.1118
376.57	0.027	197.5	0.0524	376.57	0.037	192	0.1154
376.60	0.028	197.7	0.0541	376.60	0.039	192.3	0.1181
376.63	0.028	197.8	0.055	376.63	0.04	192.6	0.1198
376.67	0.029	198	0.0559	376.67	0.04	192.8	0.1207
376.70	0.029	198.1	0.0568	376.70	0.04	193	0.1207
376.73	0.029	198.2	0.0568	376.73	0.04	193.2	0.1216
376.77	0.029	198.3	0.0568	376.77	0.04	193.2	0.1225
376.80	0.029	198.3	0.0568	376.80	0.04	193.3	0.1225
376.83	0.029	198.4	0.0568	376.83	0.04	193.5	0.1225
376.87	0.028	198.5	0.0559	376.87	0.039	193.6	0.1216
376.90	0.026	198.5	0.055	376.90	0.038	193.6	0.1189
376.93	0.026	198.5	0.0541	376.93	0.036	193.6	0.1163
376.97	0.025	198.5	0.0515	376.97	0.034	193.5	0.1163
377.02	0.023	198.5	0.0497	377.00	0.034	193.5	0.1145
377.05	0.023	198.5	0.0488	377.03	0.032	193.5	0.1118
377.08	0.022	198.4	0.0462	377.07	0.03	193.3	0.1074
377.10	0.019	198.3	0.0462	377.10	0.026	193.2	0.1039
377.13	0.018	198.3	0.0435	377.13	0.025	193.1	0.0994
377.17	0.018	198.2	0.0417	377.17	0.022	192.8	0.0941
377.20	0.016	198.1	0.0382	377.20	0.018	192.5	0.0941
377.23	0.013	197.9	0.0346	377.23	0.017	192.5	0.0888
377.27	0.012	197.8	0.032	377.27	0.017	192.3	0.0834
377.30	0.011	197.6	0.0284	377.30	0.014	192	0.0772
377.33	0.007	197.3	0.0284	377.33	0.009	191.6	0.0692
377.37	0.006	197.3	0.0231	377.37	0.007	191.3	0.0639
377.40	0.006	197.2	0.0204	377.40	0.004	190.9	0.0568
377.43	0.004	197	0.016	377.45	0	190.5	0.0488
377.47	0.001	196.7	0.0124	377.48	-0.001	190.2	0.0444
377.50	-0.001	196.4	0.0089	377.50	-0.004	189.7	0.0382
377.53	-0.002	196.2	0.0044	377.53	-0.008	189.3	0.0382
377.57	-0.005	195.9	0.0044	377.57	-0.01	189.3	0.0302
377.60	-0.006	195.9	0	377.60	-0.01	188.9	0.024
377.63	-0.006	195.7	-0.0027	377.63	-0.012	188.4	0.0169
377.67	-0.007	195.4	-0.0062	377.67	-0.016	188	0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
377.70	-0.01	195.1	-0.0098	377.70	-0.017	187.7	0.0053
377.73	-0.011	194.8	-0.0124	377.73	-0.019	187.1	-0.0009
377.77	-0.012	194.6	-0.0151	377.77	-0.023	186.7	-0.0009
377.80	-0.013	194.4	-0.0151	377.80	-0.024	186.7	-0.0062
377.83	-0.015	194.1	-0.0169	377.83	-0.024	186.4	-0.0089
377.87	-0.015	194.1	-0.0195	377.87	-0.024	186	-0.0124
377.90	-0.015	194	-0.0213	377.90	-0.027	185.7	-0.016
377.93	-0.016	193.8	-0.0222	377.93	-0.027	185.4	-0.0178
377.97	-0.017	193.6	-0.0231	377.97	-0.028	185.1	-0.0204
378.00	-0.017	193.5	-0.024	378.00	-0.029	184.9	-0.0204
378.03	-0.017	193.3	-0.024	378.03	-0.029	184.9	-0.0213
378.07	-0.017	193.2	-0.0249	378.07	-0.029	184.7	-0.0222
378.10	-0.017	193.2	-0.0249	378.10	-0.029	184.6	-0.0222
378.13	-0.017	193.1	-0.0249	378.13	-0.028	184.4	-0.0222
378.17	-0.017	193	-0.0249	378.17	-0.028	184.3	-0.0213
378.20	-0.016	193	-0.024	378.20	-0.027	184.3	-0.0195
378.23	-0.015	193	-0.0231	378.23	-0.025	184.3	-0.0195
378.27	-0.015	193	-0.0213	378.27	-0.024	184.3	-0.0186
378.30	-0.013	193	-0.0213	378.30	-0.024	184.3	-0.016
378.33	-0.012	193	-0.0195	378.33	-0.023	184.4	-0.0133
378.37	-0.012	193	-0.0178	378.37	-0.019	184.5	-0.0098
378.40	-0.011	193.1	-0.016	378.40	-0.018	184.6	-0.0071
378.43	-0.008	193.2	-0.0133	378.43	-0.016	184.8	-0.0027
378.48	-0.007	193.3	-0.0107	378.47	-0.012	185	-0.0027
378.52	-0.007	193.4	-0.0098	378.50	-0.01	185	0.0027
378.53	-0.004	193.5	-0.0062	378.53	-0.01	185.2	0.0071
378.57	-0.003	193.7	-0.0036	378.57	-0.008	185.5	0.0133
378.60	-0.001	193.8	0	378.60	-0.003	185.9	0.0195
378.63	0.003	194.1	0	378.63	-0.001	186.1	0.0257
378.67	0.004	194.1	0.0044	378.67	0.001	186.5	0.0337
378.70	0.004	194.2	0.008	378.70	0.007	187	0.0337
378.73	0.005	194.5	0.0124	378.73	0.008	187.3	0.0417
378.77	0.009	194.7	0.016	378.77	0.008	187.3	0.047
378.80	0.01	194.9	0.0195	378.80	0.011	187.7	0.055
378.83	0.011	195.2	0.0231	378.83	0.016	188.2	0.063
378.87	0.015	195.5	0.0231	378.87	0.017	188.6	0.0683
378.90	0.016	195.5	0.0284	378.92	0.02	188.9	0.0754
378.93	0.016	195.7	0.0311	378.95	0.022	189.3	0.0799
378.97	0.017	196	0.0355	378.97	0.025	189.7	0.0852
379.00	0.021	196.3	0.0391	379.00	0.026	190	0.0914
379.03	0.021	196.4	0.0408	379.03	0.03	190.5	0.0914
379.07	0.022	196.7	0.0444	379.07	0.032	190.9	0.0985
379.10	0.024	196.9	0.0444	379.10	0.032	190.9	0.103
379.13	0.026	197.2	0.0479	379.13	0.033	191.2	0.1074
379.17	0.026	197.2	0.0497	379.17	0.036	191.6	0.111
379.20	0.026	197.3	0.0506	379.20	0.037	191.9	0.1145
379.23	0.027	197.6	0.0533	379.23	0.038	192.2	0.1172
379.27	0.028	197.7	0.0541	379.27	0.039	192.5	0.1198
379.30	0.028	197.9	0.055	379.30	0.04	192.7	0.1198
379.33	0.029	198	0.055	379.33	0.04	192.7	0.1216
379.37	0.029	198.1	0.0559	379.37	0.04	192.9	0.1216
379.40	0.029	198.1	0.0568	379.40	0.04	193.1	0.1225
379.43	0.029	198.3	0.0568	379.43	0.04	193.3	0.1225
379.47	0.029	198.4	0.0568	379.47	0.04	193.4	0.1234
379.50	0.028	198.4	0.0559	379.50	0.04	193.6	0.1225
379.53	0.028	198.5	0.055	379.53	0.038	193.6	0.1225
379.57	0.026	198.5	0.055	379.57	0.037	193.6	0.1216
379.60	0.026	198.5	0.0541	379.60	0.037	193.7	0.1198
379.63	0.026	198.5	0.0533	379.63	0.036	193.6	0.1172
379.67	0.024	198.5	0.0497	379.67	0.033	193.5	0.1145
379.70	0.023	198.4	0.0488	379.70	0.031	193.5	0.111
379.73	0.021	198.4	0.047	379.73	0.03	193.3	0.1074
379.77	0.021	198.3	0.0453	379.77	0.025	193.2	0.1074

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
379.80	0.018	198.2	0.0453	379.80	0.024	193.2	0.103
379.83	0.016	198	0.0417	379.83	0.024	193	0.0985
379.87	0.016	198	0.0391	379.87	0.022	192.8	0.0932
379.92	0.013	197.8	0.0355	379.90	0.017	192.4	0.0861
379.95	0.011	197.6	0.0337	379.93	0.015	192.2	0.0817
379.98	0.011	197.6	0.0311	379.97	0.013	191.9	0.0754
380.00	0.01	197.5	0.0257	380.00	0.007	191.5	0.0754
380.03	0.007	197.2	0.0222	380.03	0.006	191.5	0.0666
380.07	0.004	197	0.0186	380.07	0.006	191.2	0.0612
380.10	0.003	196.8	0.0151	380.10	0.003	190.7	0.0533
380.13	0.001	196.5	0.0151	380.13	-0.002	190.3	0.0462
380.17	-0.002	196.3	0.0107	380.17	-0.003	190	0.0399
380.20	-0.002	196.3	0.0071	380.20	-0.006	189.5	0.0328
380.23	-0.003	196.1	0.0027	380.23	-0.011	189	0.0328
380.27	-0.005	195.8	-0.0009	380.27	-0.012	189	0.024
380.30	-0.007	195.5	-0.0044	380.30	-0.012	188.6	0.0195
380.33	-0.008	195.2	-0.008	380.35	-0.017	187.8	0.0124
380.37	-0.01	194.9	-0.008	380.38	-0.018	187.8	0.008
380.40	-0.012	194.7	-0.0115	380.42	-0.018	187.4	0.0036
380.43	-0.012	194.7	-0.0142	380.43	-0.02	187.1	-0.0018
380.47	-0.013	194.5	-0.016	380.47	-0.023	186.5	-0.0071
380.50	-0.014	194.2	-0.0178	380.50	-0.024	186.2	-0.0107
380.53	-0.015	194	-0.0204	380.53	-0.025	185.9	-0.0133
380.57	-0.016	193.9	-0.0213	380.57	-0.027	185.5	-0.0133
380.60	-0.016	193.7	-0.0231	380.60	-0.028	185.3	-0.0169
380.63	-0.017	193.5	-0.0231	380.63	-0.028	185.3	-0.0186
380.67	-0.017	193.5	-0.024	380.67	-0.028	185.1	-0.0204
380.70	-0.017	193.4	-0.024	380.70	-0.029	184.8	-0.0213
380.73	-0.017	193.3	-0.0249	380.73	-0.029	184.6	-0.0222
380.77	-0.017	193.2	-0.0249	380.77	-0.029	184.5	-0.0213
380.80	-0.017	193.1	-0.0249	380.80	-0.028	184.4	-0.0213
380.83	-0.016	193	-0.024	380.83	-0.027	184.3	-0.0213
380.87	-0.015	193	-0.024	380.87	-0.027	184.3	-0.0204
380.90	-0.015	193	-0.0231	380.90	-0.026	184.3	-0.0186
380.93	-0.015	193	-0.0222	380.93	-0.025	184.3	-0.0178
380.97	-0.014	193	-0.0204	380.97	-0.023	184.3	-0.0151
381.00	-0.012	193	-0.0195	381.00	-0.022	184.3	-0.0124
381.03	-0.011	193	-0.0169	381.03	-0.019	184.5	-0.0124
381.07	-0.01	193.1	-0.0151	381.07	-0.016	184.7	-0.0089
381.10	-0.007	193.3	-0.0151	381.10	-0.016	184.7	-0.0053
381.13	-0.007	193.3	-0.0124	381.13	-0.015	184.8	-0.0009
381.17	-0.007	193.3	-0.0098	381.17	-0.012	185.1	0.0044
381.20	-0.005	193.5	-0.0071	381.20	-0.008	185.3	0.0098
381.23	-0.002	193.7	-0.0027	381.23	-0.007	185.5	0.0142
381.27	-0.001	193.8	0	381.27	-0.003	185.9	0.0213
381.30	0.001	194	0.0036	381.30	0.001	186.3	0.0213
381.33	0.005	194.2	0.0036	381.33	0.001	186.3	0.0293
381.38	0.005	194.4	0.0098	381.37	0.003	186.6	0.0364
381.42	0.006	194.6	0.0133	381.40	0.007	187.1	0.0444
381.43	0.01	194.8	0.0133	381.43	0.011	187.5	0.0506
381.47	0.011	194.8	0.0178	381.47	0.012	187.8	0.0559
381.50	0.011	195	0.0204	381.50	0.015	188.3	0.063
381.53	0.013	195.3	0.0257	381.53	0.019	188.7	0.063
381.57	0.016	195.6	0.0302	381.57	0.021	188.7	0.0701
381.60	0.017	195.8	0.0328	381.60	0.021	189	0.0763
381.63	0.018	196.1	0.0373	381.63	0.024	189.5	0.0834
381.67	0.021	196.4	0.0373	381.67	0.027	189.9	0.0905
381.70	0.022	196.4	0.0408	381.70	0.029	190.3	0.0959
381.73	0.022	196.6	0.0426	381.73	0.031	190.7	0.1003
381.77	0.023	196.8	0.0453	381.77	0.034	191.1	0.1003
381.80	0.025	197	0.0479	381.82	0.035	191.4	0.1092
381.83	0.026	197.2	0.0497	381.85	0.036	191.7	0.1118
381.87	0.026	197.4	0.0524	381.87	0.038	192	0.1118

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
381.90	0.027	197.6	0.0524	381.90	0.038	192	0.1154
381.93	0.028	197.8	0.0533	381.93	0.038	192.3	0.1172
381.97	0.028	197.8	0.055	381.97	0.039	192.5	0.1189
382.00	0.029	197.9	0.0559	382.00	0.04	192.8	0.1207
382.03	0.029	198.1	0.0559	382.03	0.04	193	0.1216
382.07	0.029	198.2	0.0568	382.07	0.04	193.2	0.1225
382.10	0.029	198.3	0.0568	382.10	0.04	193.3	0.1225
382.13	0.029	198.4	0.0568	382.13	0.04	193.3	0.1225
382.17	0.028	198.5	0.0568	382.17	0.04	193.5	0.1225
382.20	0.028	198.5	0.0559	382.20	0.04	193.6	0.1225
382.23	0.027	198.5	0.0541	382.23	0.038	193.6	0.1207
382.27	0.026	198.5	0.0533	382.27	0.037	193.7	0.1181
382.30	0.025	198.5	0.0524	382.30	0.035	193.6	0.1154
382.33	0.024	198.5	0.0515	382.33	0.031	193.5	0.1154
382.37	0.023	198.4	0.0488	382.37	0.03	193.5	0.1118
382.40	0.021	198.3	0.0488	382.40	0.03	193.5	0.1101
382.43	0.02	198.3	0.0462	382.43	0.029	193.3	0.1056
382.47	0.02	198.3	0.0444	382.47	0.024	193.1	0.1003
382.50	0.018	198.1	0.0408	382.50	0.023	192.9	0.0968
382.53	0.014	198	0.0373	382.53	0.021	192.7	0.0905
382.57	0.014	197.9	0.0355	382.57	0.016	192.4	0.0905
382.60	0.012	197.7	0.032	382.60	0.014	192.1	0.0843
382.63	0.009	197.5	0.032	382.63	0.014	192.1	0.079
382.67	0.008	197.5	0.0275	382.67	0.012	191.8	0.0719
382.70	0.008	197.3	0.024	382.70	0.007	191.3	0.0639
382.73	0.006	197.1	0.0204	382.73	0.004	191	0.0586
382.77	0.002	196.8	0.016	382.77	0.002	190.7	0.0515
382.80	0.002	196.7	0.0124	382.80	-0.003	190.1	0.0515
382.85	0	196.3	0.008	382.83	-0.005	189.8	0.0435
382.88	-0.003	196.2	0.0053	382.87	-0.005	189.8	0.0373
382.90	-0.004	196	0.0027	382.90	-0.007	189.4	0.0302
382.93	-0.005	195.7	-0.0018	382.93	-0.011	188.8	0.0222
382.97	-0.008	195.4	-0.0018	382.97	-0.014	188.4	0.016
383.00	-0.009	195.4	-0.0053	383.00	-0.015	188.1	0.0098
383.03	-0.009	195.1	-0.008	383.03	-0.019	187.5	0.0098
383.07	-0.01	194.8	-0.0115	383.07	-0.021	187.1	0.0036
383.10	-0.013	194.6	-0.0142	383.10	-0.021	187.1	-0.0009
383.13	-0.013	194.4	-0.016	383.13	-0.022	186.7	-0.0053
383.17	-0.014	194.2	-0.0186	383.17	-0.024	186.3	-0.0098
383.20	-0.015	194	-0.0186	383.20	-0.026	186	-0.0133
383.23	-0.016	194	-0.0204	383.25	-0.026	185.7	-0.016
383.27	-0.016	193.8	-0.0222	383.28	-0.027	185.4	-0.0178
383.30	-0.017	193.6	-0.0231	383.32	-0.028	185.1	-0.0195
383.33	-0.017	193.5	-0.024	383.33	-0.028	184.9	-0.0204
383.37	-0.017	193.3	-0.0249	383.37	-0.029	184.7	-0.0204
383.40	-0.017	193.2	-0.0249	383.40	-0.029	184.5	-0.0213
383.43	-0.017	193.1	-0.0249	383.43	-0.029	184.5	-0.0222
383.47	-0.017	193	-0.0249	383.47	-0.028	184.4	-0.0213
383.50	-0.017	193	-0.0249	383.50	-0.028	184.3	-0.0213
383.53	-0.016	193	-0.0231	383.53	-0.027	184.3	-0.0204
383.57	-0.015	193	-0.0222	383.57	-0.026	184.2	-0.0178
383.60	-0.014	193	-0.0213	383.60	-0.024	184.3	-0.016
383.63	-0.014	193	-0.0204	383.63	-0.022	184.4	-0.016
383.67	-0.012	193.1	-0.0178	383.67	-0.021	184.4	-0.0142
383.70	-0.01	193.1	-0.0178	383.70	-0.021	184.4	-0.0115
383.73	-0.01	193.1	-0.016	383.73	-0.019	184.6	-0.008
383.77	-0.01	193.1	-0.0142	383.77	-0.015	184.7	-0.0036
383.80	-0.008	193.3	-0.0107	383.80	-0.014	184.9	0.0009
383.83	-0.005	193.4	-0.008	383.83	-0.011	185.2	0.0062
383.87	-0.004	193.5	-0.0062	383.87	-0.007	185.5	0.0062
383.90	-0.002	193.7	-0.0018	383.90	-0.006	185.5	0.0115
383.93	0.001	193.9	-0.0018	383.93	-0.006	185.7	0.0178
383.97	0.002	193.9	0.0009	383.97	-0.002	186.1	0.0249

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
384.00	0.002	194	0.0053	384.00	0.003	186.5	0.0328
384.03	0.004	194.3	0.0098	384.03	0.004	186.7	0.0391
384.07	0.007	194.5	0.0133	384.07	0.007	187.3	0.0462
384.10	0.008	194.7	0.0169	384.10	0.012	187.6	0.0462
384.13	0.01	195	0.0204	384.13	0.013	187.6	0.0533
384.17	0.013	195.2	0.0204	384.17	0.013	188	0.0595
384.20	0.014	195.2	0.024	384.20	0.016	188.5	0.0675
384.23	0.014	195.5	0.0284	384.23	0.021	188.9	0.0746
384.28	0.018	196	0.0328	384.27	0.022	189.2	0.0799
384.32	0.019	196	0.0346	384.30	0.025	189.7	0.087
384.35	0.019	196.2	0.0373	384.33	0.029	190.1	0.087
384.37	0.02	196.4	0.0408	384.37	0.03	190.1	0.0941
384.40	0.023	196.7	0.0444	384.40	0.03	190.5	0.0985
384.43	0.023	196.9	0.0462	384.43	0.032	190.9	0.103
384.47	0.024	197.1	0.0488	384.47	0.035	191.3	0.1083
384.50	0.027	197.3	0.0488	384.50	0.036	191.6	0.111
384.53	0.027	197.3	0.0515	384.53	0.037	191.9	0.1145
384.57	0.027	197.5	0.0524	384.57	0.039	192.2	0.1145
384.60	0.027	197.7	0.0541	384.60	0.039	192.2	0.1181
384.63	0.028	197.8	0.055	384.63	0.039	192.4	0.1198
384.67	0.028	198	0.0559	384.67	0.039	192.7	0.1207
384.70	0.029	198.1	0.0568	384.72	0.04	192.9	0.1225
384.73	0.029	198.2	0.0568	384.75	0.04	193.1	0.1225
384.77	0.029	198.2	0.0568	384.77	0.04	193.3	0.1234
384.80	0.029	198.3	0.0568	384.80	0.04	193.4	0.1234
384.83	0.028	198.4	0.0568	384.83	0.04	193.5	0.1234
384.87	0.028	198.5	0.0559	384.87	0.039	193.6	0.1216
384.90	0.027	198.5	0.055	384.90	0.036	193.6	0.1216
384.93	0.026	198.5	0.0533	384.93	0.035	193.6	0.1198
384.97	0.025	198.5	0.0533	384.97	0.035	193.6	0.1172
385.00	0.023	198.5	0.0515	385.00	0.034	193.6	0.1145
385.03	0.023	198.5	0.0497	385.03	0.031	193.5	0.1118
385.07	0.022	198.4	0.0479	385.07	0.029	193.4	0.1083
385.10	0.02	198.3	0.0453	385.10	0.028	193.3	0.1039
385.13	0.018	198.2	0.0426	385.13	0.023	193	0.1039
385.17	0.017	198.1	0.0399	385.17	0.022	193	0.0994
385.20	0.015	197.9	0.0399	385.20	0.022	192.8	0.095
385.23	0.013	197.8	0.0364	385.23	0.02	192.6	0.0888
385.27	0.013	197.8	0.0337	385.27	0.015	192.2	0.0817
385.30	0.011	197.7	0.0302	385.30	0.013	192	0.0763
385.33	0.009	197.4	0.0249	385.33	0.01	191.7	0.0692
385.37	0.006	197.2	0.0213	385.37	0.005	191.2	0.0692
385.40	0.005	197	0.0178	385.40	0.003	190.8	0.0612
385.43	0.003	196.7	0.0178	385.43	0.003	190.8	0.055
385.47	0	196.5	0.0142	385.47	0.001	190.5	0.0479
385.50	0	196.5	0.0107	385.50	-0.004	190	0.0408
385.53	-0.001	196.3	0.0062	385.53	-0.006	189.6	0.0346
385.57	-0.004	196	0.0027	385.57	-0.008	189.2	0.0257
385.60	-0.006	195.7	-0.0009	385.60	-0.012	188.6	0.0257
385.63	-0.007	195.5	-0.0044	385.63	-0.015	188.2	0.0186
385.67	-0.009	195.1	-0.008	385.67	-0.015	188.2	0.0133
385.70	-0.011	194.9	-0.008	385.70	-0.016	187.8	0.0071
385.75	-0.012	194.7	-0.0133	385.73	-0.02	187.3	0.0018
385.78	-0.012	194.5	-0.0151	385.77	-0.022	187	-0.0027
385.80	-0.014	194.3	-0.0151	385.80	-0.023	186.6	-0.0071
385.83	-0.014	194.3	-0.0169	385.83	-0.025	186.1	-0.0071
385.87	-0.014	194.1	-0.0186	385.87	-0.027	185.8	-0.0115
385.90	-0.015	193.9	-0.0213	385.90	-0.027	185.8	-0.0151
385.93	-0.017	193.7	-0.0231	385.93	-0.027	185.6	-0.0169
385.97	-0.017	193.5	-0.0231	385.97	-0.028	185.3	-0.0186
386.00	-0.017	193.4	-0.024	386.00	-0.029	185	-0.0204
386.03	-0.017	193.2	-0.024	386.03	-0.028	184.8	-0.0213
386.07	-0.017	193.2	-0.024	386.07	-0.029	184.6	-0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
386.10	-0.017	193.1	-0.0249	386.10	-0.029	184.5	-0.0222
386.13	-0.017	193.1	-0.0249	386.13	-0.029	184.5	-0.0222
386.17	-0.017	193	-0.024	386.18	-0.027	184.3	-0.0204
386.20	-0.016	193	-0.0231	386.22	-0.026	184.3	-0.0204
386.23	-0.016	192.9	-0.0222	386.23	-0.025	184.3	-0.0195
386.27	-0.014	192.9	-0.0222	386.27	-0.025	184.2	-0.0178
386.30	-0.013	192.9	-0.0204	386.30	-0.024	184.3	-0.016
386.33	-0.013	193	-0.0195	386.33	-0.021	184.4	-0.0124
386.37	-0.012	193	-0.0178	386.37	-0.02	184.4	-0.0098
386.40	-0.01	193.1	-0.0151	386.40	-0.018	184.6	-0.0062
386.43	-0.009	193.1	-0.0133	386.43	-0.014	184.8	-0.0062
386.47	-0.007	193.3	-0.0098	386.47	-0.013	184.8	-0.0018
386.50	-0.005	193.4	-0.0098	386.50	-0.013	185	0.0027
386.53	-0.003	193.4	-0.0071	386.53	-0.01	185.3	0.008
386.57	-0.003	193.6	-0.0044	386.57	-0.006	185.6	0.0142
386.60	-0.002	193.7	-0.0009	386.60	-0.004	185.8	0.0195
386.63	0.001	193.9	0.0027	386.63	-0.001	186.2	0.0275
386.67	0.003	194.1	0.0062	386.67	0.004	186.6	0.0275
386.70	0.004	194.3	0.0107	386.70	0.005	186.6	0.0355
386.73	0.007	194.6	0.0107	386.73	0.005	186.9	0.0417
386.77	0.01	194.8	0.0151	386.77	0.008	187.4	0.0488
386.80	0.01	194.8	0.0178	386.80	0.013	187.8	0.0568
386.83	0.011	195	0.0222	386.83	0.015	188.2	0.0621
386.87	0.013	195.3	0.0257	386.87	0.017	188.6	0.0692
386.90	0.016	195.6	0.0311	386.90	0.022	189	0.0692
386.93	0.017	195.8	0.0337	386.93	0.023	189	0.0772
386.97	0.019	196.1	0.0337	386.97	0.023	189.4	0.0826
387.00	0.021	196.4	0.0373	387.00	0.026	189.9	0.0888
387.03	0.021	196.4	0.0408	387.03	0.03	190.3	0.0959
387.07	0.022	196.6	0.0435	387.07	0.031	190.6	0.1003
387.10	0.023	196.8	0.0462	387.10	0.033	191	0.1056
387.13	0.025	197	0.0488	387.13	0.036	191.4	0.1056
387.18	0.026	197.2	0.0506	387.17	0.036	191.4	0.1101
387.22	0.026	197.4	0.0524	387.20	0.036	191.7	0.1127
387.25	0.027	197.6	0.0533	387.23	0.037	192	0.1154
387.27	0.028	197.8	0.0541	387.27	0.039	192.3	0.1189
387.30	0.028	197.9	0.055	387.30	0.039	192.6	0.1198
387.33	0.029	198.1	0.055	387.33	0.04	192.8	0.1216
387.37	0.029	198.1	0.0559	387.37	0.04	193	0.1216
387.40	0.029	198.2	0.0559	387.40	0.04	193	0.1225
387.43	0.029	198.3	0.0568	387.43	0.04	193.2	0.1225
387.47	0.029	198.4	0.0568	387.47	0.04	193.3	0.1225
387.50	0.028	198.5	0.0568	387.50	0.04	193.5	0.1225
387.53	0.028	198.5	0.055	387.53	0.039	193.5	0.1216
387.57	0.026	198.5	0.055	387.57	0.038	193.6	0.1198
387.60	0.026	198.5	0.0541	387.62	0.035	193.5	0.1172
387.63	0.026	198.5	0.0533	387.65	0.035	193.6	0.1163
387.67	0.024	198.5	0.0506	387.67	0.033	193.5	0.1127
387.70	0.023	198.4	0.0488	387.70	0.03	193.4	0.1127
387.73	0.021	198.4	0.047	387.73	0.029	193.4	0.1092
387.77	0.02	198.3	0.0444	387.77	0.029	193.3	0.1065
387.80	0.017	198.2	0.0444	387.80	0.027	193.1	0.1021
387.83	0.017	198.2	0.0417	387.83	0.022	192.9	0.0968
387.87	0.017	198.1	0.0391	387.87	0.021	192.7	0.0923
387.90	0.015	197.9	0.0355	387.90	0.018	192.4	0.0852
387.93	0.011	197.7	0.032	387.93	0.013	192.1	0.0852
387.97	0.011	197.6	0.0293	387.97	0.011	192.1	0.0781
388.00	0.009	197.3	0.024	388.00	0.011	191.8	0.0728
388.03	0.005	197.1	0.024	388.03	0.009	191.4	0.0657
388.07	0.004	197.1	0.0195	388.07	0.003	191	0.0577
388.10	0.004	196.9	0.0169	388.10	0.002	190.7	0.0524
388.13	0.002	196.7	0.0133	388.13	-0.001	190.2	0.0435
388.17	-0.001	196.4	0.0089	388.17	-0.006	189.7	0.0435

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
388.20	-0.002	196.2	0.0062	388.20	-0.007	189.7	0.0364
388.23	-0.004	195.9	0.0009	388.23	-0.007	189.4	0.0302
388.27	-0.007	195.6	0.0009	388.27	-0.009	188.9	0.0231
388.30	-0.008	195.6	-0.0036	388.30	-0.014	188.4	0.016
388.33	-0.008	195.4	-0.0053	388.33	-0.015	188.1	0.0107
388.37	-0.009	195.1	-0.0089	388.37	-0.017	187.6	0.0044
388.40	-0.011	194.8	-0.0124	388.40	-0.021	187.1	0.0044
388.43	-0.012	194.6	-0.0142	388.43	-0.022	186.7	-0.0018
388.47	-0.013	194.4	-0.0169	388.47	-0.022	186.7	-0.0053
388.50	-0.015	194.1	-0.0169	388.50	-0.023	186.4	-0.0098
388.53	-0.016	193.9	-0.0195	388.53	-0.026	186	-0.0133
388.57	-0.016	193.9	-0.0204	388.57	-0.027	185.7	-0.0169
388.60	-0.016	193.8	-0.0222	388.60	-0.027	185.4	-0.0186
388.65	-0.017	193.5	-0.0231	388.63	-0.028	185.1	-0.0186
388.68	-0.017	193.5	-0.024	388.67	-0.029	184.9	-0.0204
388.70	-0.017	193.3	-0.024	388.70	-0.029	184.9	-0.0213
388.73	-0.017	193.2	-0.024	388.73	-0.029	184.7	-0.0222
388.77	-0.017	193.1	-0.0249	388.77	-0.029	184.5	-0.0222
388.80	-0.017	193	-0.024	388.80	-0.028	184.4	-0.0222
388.83	-0.017	193	-0.024	388.83	-0.028	184.3	-0.0213
388.87	-0.015	192.9	-0.024	388.87	-0.027	184.3	-0.0213
388.90	-0.015	192.9	-0.0231	388.90	-0.025	184.3	-0.0204
388.93	-0.015	192.9	-0.0213	388.93	-0.025	184.3	-0.0186
388.97	-0.014	192.9	-0.0204	388.97	-0.024	184.2	-0.016
389.00	-0.012	193	-0.0186	389.00	-0.022	184.4	-0.0133
389.03	-0.011	193	-0.0169	389.03	-0.019	184.5	-0.0107
389.07	-0.01	193.1	-0.0142	389.08	-0.018	184.5	-0.0071
389.10	-0.007	193.2	-0.0142	389.12	-0.017	184.7	-0.0053
389.13	-0.006	193.2	-0.0115	389.13	-0.013	184.9	-0.0009
389.17	-0.006	193.3	-0.0098	389.17	-0.012	185	0.0036
389.20	-0.005	193.5	-0.0062	389.20	-0.009	185.4	0.0098
389.23	-0.002	193.6	-0.0036	389.23	-0.005	185.7	0.0098
389.27	-0.001	193.8	0	389.27	-0.003	185.7	0.0169
389.30	0.001	194	0.0036	389.30	-0.003	185.9	0.0222
389.33	0.004	194.2	0.0036	389.33	0	186.4	0.0302
389.37	0.005	194.2	0.008	389.37	0.005	186.7	0.0382
389.40	0.005	194.4	0.0107	389.40	0.007	187.1	0.0444
389.43	0.007	194.7	0.0151	389.43	0.01	187.6	0.0515
389.47	0.011	194.9	0.0195	389.47	0.014	188	0.0515
389.50	0.012	195.1	0.0231	389.50	0.016	188	0.0586
389.53	0.013	195.4	0.0284	389.53	0.016	188.3	0.0648
389.57	0.017	195.7	0.0284	389.57	0.019	188.8	0.0719
389.60	0.018	195.7	0.032	389.60	0.023	189.2	0.0799
389.63	0.018	195.9	0.0346	389.63	0.025	189.6	0.0852
389.67	0.019	196.2	0.0382	389.67	0.027	190.1	0.0914
389.70	0.022	196.4	0.0417	389.70	0.031	190.4	0.0914
389.73	0.022	196.6	0.0444	389.73	0.032	190.4	0.0976
389.77	0.023	196.9	0.047	389.77	0.032	190.8	0.1021
389.80	0.026	197.1	0.047	389.80	0.033	191.2	0.1074
389.83	0.026	197.1	0.0497	389.83	0.036	191.5	0.111
389.87	0.026	197.3	0.0515	389.87	0.037	191.8	0.1136
389.90	0.027	197.5	0.0524	389.90	0.038	192.1	0.1172
389.93	0.028	197.7	0.0541	389.93	0.04	192.4	0.1172
389.97	0.028	197.8	0.055	389.97	0.04	192.4	0.1198
390.00	0.029	198	0.0559	390.00	0.04	192.6	0.1207
390.03	0.029	198.1	0.0559	390.03	0.04	192.9	0.1216
390.07	0.029	198.1	0.0559	390.07	0.041	193.1	0.1225
390.12	0.029	198.3	0.0559	390.10	0.04	193.2	0.1225
390.15	0.029	198.4	0.0559	390.13	0.04	193.4	0.1225
390.17	0.028	198.5	0.0559	390.17	0.04	193.5	0.1225
390.20	0.028	198.5	0.0559	390.20	0.038	193.5	0.1225
390.23	0.027	198.5	0.0541	390.23	0.038	193.5	0.1207
390.27	0.026	198.5	0.0524	390.27	0.037	193.6	0.1189

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
390.30	0.025	198.5	0.0524	390.30	0.034	193.5	0.1163
390.33	0.024	198.5	0.0497	390.33	0.033	193.5	0.1145
390.37	0.022	198.4	0.0497	390.37	0.031	193.4	0.1101
390.40	0.021	198.3	0.0479	390.40	0.028	193.2	0.1101
390.43	0.021	198.3	0.0462	390.43	0.026	193.1	0.1065
390.47	0.019	198.3	0.0426	390.47	0.026	193.1	0.103
390.50	0.017	198.1	0.0399	390.52	0.022	192.7	0.0976
390.53	0.015	198	0.0373	390.55	0.019	192.5	0.095
390.57	0.014	197.9	0.0337	390.58	0.019	192.5	0.0905
390.60	0.011	197.6	0.0337	390.60	0.017	192.3	0.0834
390.63	0.009	197.5	0.0311	390.63	0.013	191.9	0.0754
390.67	0.009	197.5	0.0275	390.67	0.009	191.6	0.0701
390.70	0.008	197.3	0.0231	390.70	0.007	191.3	0.063
390.73	0.005	197	0.0186	390.73	0.003	190.8	0.063
390.77	0.002	196.8	0.0151	390.77	0	190.4	0.055
390.80	0.002	196.6	0.0115	390.80	0	190.4	0.0488
390.83	-0.001	196.3	0.0115	390.83	-0.002	190.1	0.0417
390.87	-0.004	196.1	0.0071	390.87	-0.006	189.5	0.0337
390.90	-0.004	196.1	0.0036	390.90	-0.009	189.1	0.0275
390.93	-0.005	195.9	0	390.93	-0.011	188.7	0.0195
390.97	-0.006	195.5	-0.0036	390.97	-0.014	188.2	0.0133
391.00	-0.009	195.2	-0.0071	391.00	-0.017	187.8	0.0133
391.03	-0.01	195	-0.0107	391.03	-0.017	187.8	0.0071
391.07	-0.011	194.7	-0.0133	391.07	-0.018	187.4	0.0027
391.10	-0.013	194.5	-0.0133	391.10	-0.021	186.9	-0.0036
391.13	-0.013	194.5	-0.016	391.13	-0.024	186.5	-0.008
391.17	-0.014	194.3	-0.0178	391.17	-0.024	186.2	-0.0107
391.20	-0.015	194.1	-0.0204	391.20	-0.025	185.8	-0.0142
391.23	-0.016	193.9	-0.0213	391.23	-0.027	185.5	-0.0142
391.27	-0.016	193.7	-0.0222	391.27	-0.027	185.5	-0.0169
391.30	-0.017	193.6	-0.0231	391.30	-0.027	185.3	-0.0186
391.33	-0.017	193.4	-0.0231	391.33	-0.028	185	-0.0204
391.37	-0.017	193.4	-0.024	391.37	-0.029	184.8	-0.0222
391.40	-0.017	193.3	-0.0249	391.40	-0.029	184.6	-0.0222
391.43	-0.017	193.2	-0.0249	391.43	-0.028	184.5	-0.0222
391.47	-0.017	193.1	-0.0249	391.47	-0.028	184.3	-0.0222
391.50	-0.017	193	-0.024	391.50	-0.027	184.3	-0.0222
391.55	-0.016	193	-0.0231	391.53	-0.027	184.3	-0.0213
391.58	-0.015	192.9	-0.0231	391.57	-0.026	184.2	-0.0195
391.60	-0.014	192.9	-0.0222	391.60	-0.024	184.3	-0.0178
391.63	-0.014	192.9	-0.0204	391.63	-0.023	184.3	-0.0151
391.67	-0.011	193	-0.0204	391.67	-0.022	184.4	-0.0124
391.70	-0.011	193	-0.0186	391.70	-0.018	184.5	-0.0124
391.73	-0.011	193	-0.0169	391.73	-0.017	184.5	-0.0089
391.77	-0.01	193.1	-0.0142	391.77	-0.017	184.6	-0.0053
391.80	-0.007	193.3	-0.0115	391.80	-0.015	184.8	-0.0009
391.83	-0.006	193.4	-0.0089	391.83	-0.01	185.1	0.0044
391.87	-0.004	193.5	-0.0053	391.87	-0.009	185.3	0.0089
391.90	-0.001	193.7	-0.0053	391.90	-0.007	185.6	0.0151
391.93	0	193.9	-0.0009	391.93	-0.001	185.9	0.0151
391.97	0	193.9	0.0018	391.98	0	186.2	0.0275
392.00	0.002	194	0.0053	392.02	0.001	186.4	0.0328
392.03	0.005	194.3	0.0098	392.03	0.006	186.9	0.0328
392.07	0.007	194.5	0.0133	392.07	0.008	187.3	0.0399
392.10	0.008	194.7	0.0169	392.10	0.008	187.3	0.047
392.13	0.011	195	0.0169	392.13	0.01	187.6	0.0541
392.17	0.013	195.2	0.0204	392.17	0.016	188.1	0.0621
392.20	0.013	195.2	0.024	392.20	0.018	188.5	0.0683
392.23	0.014	195.4	0.0293	392.23	0.02	188.8	0.0746
392.27	0.017	195.8	0.0328	392.27	0.024	189.3	0.0746
392.30	0.019	196	0.0355	392.30	0.026	189.7	0.0817
392.33	0.02	196.2	0.0391	392.33	0.026	189.7	0.0879
392.37	0.022	196.5	0.0391	392.37	0.028	190.1	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
392.40	0.023	196.7	0.0426	392.40	0.031	190.6	0.1003
392.43	0.023	196.7	0.0453	392.43	0.033	190.9	0.1047
392.47	0.024	196.9	0.0479	392.47	0.034	191.2	0.1092
392.50	0.026	197.2	0.0497	392.50	0.036	191.6	0.1092
392.53	0.027	197.4	0.0515	392.53	0.038	191.9	0.1127
392.57	0.027	197.5	0.0533	392.57	0.038	191.9	0.1163
392.60	0.028	197.7	0.0541	392.60	0.038	192.2	0.1181
392.63	0.029	197.9	0.0541	392.63	0.039	192.5	0.1207
392.67	0.028	197.9	0.055	392.67	0.04	192.7	0.1216
392.70	0.028	198	0.0559	392.70	0.04	192.9	0.1225
392.73	0.029	198.1	0.0559	392.73	0.04	193.1	0.1225
392.77	0.029	198.2	0.0559	392.77	0.04	193.2	0.1225
392.80	0.029	198.3	0.0559	392.80	0.04	193.2	0.1234
392.83	0.028	198.4	0.0559	392.83	0.04	193.4	0.1234
392.87	0.027	198.5	0.0559	392.87	0.04	193.5	0.1225
392.90	0.026	198.5	0.055	392.90	0.038	193.5	0.1207
392.93	0.026	198.5	0.0541	392.93	0.036	193.6	0.1189
392.97	0.026	198.5	0.0524	392.97	0.035	193.5	0.1163
393.02	0.023	198.4	0.0506	393.00	0.032	193.4	0.1163
393.05	0.023	198.5	0.0497	393.03	0.03	193.4	0.1127
393.07	0.022	198.4	0.0479	393.07	0.03	193.4	0.1101
393.10	0.02	198.3	0.0453	393.10	0.028	193.2	0.1056
393.13	0.019	198.2	0.0426	393.13	0.024	193	0.1012
393.17	0.017	198.1	0.0399	393.17	0.023	192.9	0.0968
393.20	0.014	197.9	0.0399	393.20	0.021	192.5	0.0914
393.23	0.013	197.9	0.0364	393.23	0.016	192.3	0.0914
393.27	0.013	197.8	0.0337	393.27	0.014	192.3	0.0843
393.30	0.011	197.6	0.0293	393.30	0.014	192	0.079
393.33	0.008	197.4	0.0249	393.33	0.012	191.6	0.0719
393.37	0.007	197.2	0.0222	393.37	0.006	191.2	0.0639
393.40	0.005	197	0.0186	393.42	0.005	190.9	0.0586
393.43	0.002	196.7	0.0186	393.45	0.003	190.6	0.0541
393.47	0.001	196.7	0.0133	393.48	-0.001	190.2	0.047
393.50	0.001	196.5	0.0107	393.50	-0.003	189.9	0.0399
393.53	-0.001	196.3	0.0062	393.53	-0.006	189.3	0.0328
393.57	-0.004	196	0.0018	393.57	-0.011	188.9	0.0328
393.60	-0.005	195.8	-0.0009	393.60	-0.012	188.9	0.024
393.63	-0.007	195.5	-0.0053	393.63	-0.012	188.5	0.0186
393.67	-0.009	195.1	-0.0053	393.67	-0.014	188	0.0124
393.70	-0.01	194.9	-0.0089	393.70	-0.019	187.6	0.0053
393.73	-0.01	194.9	-0.0107	393.73	-0.019	187.2	0.0009
393.77	-0.011	194.7	-0.0142	393.77	-0.021	186.7	-0.0036
393.80	-0.013	194.4	-0.0169	393.80	-0.024	186.3	-0.0036
393.83	-0.015	194.2	-0.0186	393.83	-0.025	186.3	-0.008
393.87	-0.015	194	-0.0204	393.87	-0.025	186	-0.0115
393.90	-0.016	193.8	-0.0204	393.90	-0.026	185.7	-0.0151
393.93	-0.017	193.6	-0.0213	393.93	-0.028	185.4	-0.0178
393.97	-0.017	193.6	-0.0231	393.97	-0.028	185.1	-0.0195
394.00	-0.017	193.5	-0.024	394.00	-0.028	184.9	-0.0204
394.03	-0.017	193.3	-0.0249	394.03	-0.029	184.7	-0.0204
394.07	-0.017	193.2	-0.0249	394.07	-0.029	184.7	-0.0213
394.10	-0.017	193.1	-0.0249	394.10	-0.029	184.5	-0.0213
394.13	-0.017	193	-0.0249	394.13	-0.028	184.4	-0.0213
394.17	-0.016	193	-0.0249	394.17	-0.028	184.3	-0.0204
394.20	-0.015	193	-0.024	394.20	-0.027	184.2	-0.0195
394.23	-0.015	192.9	-0.0231	394.23	-0.026	184.2	-0.0178
394.27	-0.015	193	-0.0222	394.27	-0.024	184.3	-0.0178
394.30	-0.013	193	-0.0204	394.30	-0.023	184.3	-0.016
394.33	-0.012	193	-0.0195	394.33	-0.023	184.3	-0.0142
394.37	-0.012	193	-0.0169	394.37	-0.021	184.4	-0.0098
394.40	-0.009	193.1	-0.0169	394.40	-0.017	184.6	-0.0062
394.45	-0.008	193.2	-0.0133	394.43	-0.016	184.7	-0.0036
394.48	-0.008	193.3	-0.0107	394.47	-0.014	184.8	0.0009

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
394.52	-0.004	193.4	-0.0107	394.50	-0.01	185.1	0.0009
394.53	-0.004	193.4	-0.0071	394.53	-0.008	185.4	0.0062
394.57	-0.004	193.5	-0.0044	394.57	-0.008	185.4	0.0115
394.60	-0.002	193.7	-0.0009	394.60	-0.006	185.6	0.0186
394.63	0.002	194	0.0027	394.63	-0.001	186.1	0.0257
394.67	0.002	194.1	0.0062	394.67	0.002	186.4	0.0328
394.70	0.004	194.4	0.0107	394.70	0.004	186.7	0.0399
394.73	0.009	194.6	0.0107	394.73	0.009	187.2	0.0399
394.77	0.009	194.6	0.0151	394.77	0.012	187.6	0.0479
394.80	0.009	194.8	0.0178	394.80	0.012	187.6	0.0541
394.83	0.011	195	0.0222	394.83	0.013	187.9	0.0604
394.87	0.014	195.3	0.0257	394.88	0.019	188.7	0.0683
394.90	0.015	195.6	0.0302	394.92	0.019	188.7	0.0728
394.93	0.017	195.8	0.0337	394.93	0.021	189.1	0.079
394.97	0.02	196.1	0.0337	394.97	0.025	189.6	0.0861
395.00	0.02	196.1	0.0373	395.00	0.027	190	0.0914
395.03	0.02	196.3	0.0399	395.03	0.029	190.3	0.0968
395.07	0.022	196.5	0.0435	395.07	0.031	190.8	0.0968
395.10	0.024	196.8	0.0462	395.10	0.034	191.2	0.103
395.13	0.025	197	0.0488	395.13	0.034	191.2	0.1074
395.17	0.025	197.2	0.0506	395.17	0.035	191.4	0.111
395.20	0.027	197.4	0.0506	395.20	0.037	191.8	0.1145
395.23	0.028	197.4	0.0524	395.23	0.038	192.1	0.1181
395.27	0.028	197.6	0.0541	395.27	0.039	192.3	0.1198
395.30	0.028	197.8	0.055	395.30	0.04	192.6	0.1216
395.33	0.028	197.9	0.0559	395.33	0.04	192.8	0.1216
395.37	0.029	198.1	0.0559	395.37	0.04	192.8	0.1225
395.40	0.029	198.2	0.0559	395.40	0.04	193	0.1234
395.43	0.029	198.3	0.0559	395.43	0.04	193.2	0.1243
395.47	0.028	198.4	0.0559	395.47	0.04	193.3	0.1243
395.50	0.028	198.4	0.0568	395.50	0.04	193.5	0.1234
395.53	0.028	198.4	0.0559	395.53	0.039	193.5	0.1225
395.57	0.027	198.4	0.0541	395.57	0.037	193.5	0.1225
395.60	0.026	198.4	0.0533	395.60	0.035	193.5	0.1207
395.63	0.025	198.5	0.0524	395.63	0.035	193.5	0.1181
395.67	0.024	198.4	0.0524	395.67	0.034	193.5	0.1154
395.70	0.022	198.4	0.0497	395.70	0.031	193.4	0.1118
395.73	0.022	198.4	0.0488	395.73	0.03	193.3	0.1092
395.77	0.021	198.3	0.0453	395.77	0.027	193.1	0.1047
395.80	0.019	198.2	0.0426	395.80	0.023	192.9	0.1047
395.83	0.016	198.1	0.0399	395.83	0.022	192.9	0.0994
395.87	0.016	198	0.0373	395.87	0.022	192.8	0.095
395.92	0.013	197.7	0.0337	395.90	0.02	192.4	0.0888
395.95	0.012	197.6	0.032	395.93	0.014	192.1	0.0826
395.97	0.011	197.5	0.0293	395.97	0.013	191.9	0.0772
396.00	0.008	197.3	0.024	396.00	0.01	191.5	0.0692
396.03	0.005	197.1	0.024	396.03	0.004	191.1	0.0692
396.07	0.005	197.1	0.0204	396.07	0.004	191.1	0.0612
396.10	0.004	196.9	0.0169	396.10	0.004	190.8	0.0559
396.13	0.002	196.6	0.0124	396.13	0.001	190.3	0.0479
396.17	-0.001	196.3	0.0089	396.17	-0.005	189.8	0.0408
396.20	-0.002	196.2	0.0044	396.20	-0.006	189.5	0.0346
396.23	-0.004	195.8	0.0009	396.23	-0.008	189	0.0275
396.27	-0.007	195.6	0.0009	396.27	-0.014	188.5	0.0275
396.30	-0.007	195.6	-0.0027	396.30	-0.014	188.5	0.0195
396.33	-0.007	195.3	-0.0062	396.35	-0.016	187.8	0.0107
396.37	-0.009	195	-0.0098	396.38	-0.018	187.5	0.0107
396.40	-0.012	194.7	-0.0124	396.40	-0.02	187.5	0.0062
396.43	-0.012	194.5	-0.0151	396.43	-0.02	187.1	0.0009
396.47	-0.013	194.3	-0.0169	396.47	-0.022	186.6	-0.0053
396.50	-0.015	194.1	-0.0169	396.50	-0.025	186.1	-0.0098
396.53	-0.015	194.1	-0.0195	396.53	-0.025	185.9	-0.0115
396.57	-0.015	193.9	-0.0204	396.57	-0.026	185.6	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
396.60	-0.016	193.7	-0.0222	396.60	-0.028	185.2	-0.0151
396.63	-0.017	193.5	-0.0231	396.63	-0.028	185	-0.0178
396.67	-0.017	193.4	-0.024	396.67	-0.028	185	-0.0186
396.70	-0.017	193.3	-0.024	396.70	-0.029	184.8	-0.0204
396.73	-0.017	193.2	-0.024	396.73	-0.029	184.6	-0.0204
396.77	-0.017	193.2	-0.024	396.77	-0.029	184.4	-0.0213
396.80	-0.017	193.1	-0.024	396.80	-0.028	184.3	-0.0204
396.83	-0.017	193	-0.024	396.83	-0.027	184.3	-0.0204
396.87	-0.016	192.9	-0.0231	396.87	-0.026	184.2	-0.0195
396.90	-0.015	192.9	-0.0222	396.90	-0.026	184.2	-0.0186
396.93	-0.015	192.9	-0.0204	396.93	-0.025	184.2	-0.0169
396.97	-0.013	193	-0.0204	396.97	-0.023	184.3	-0.0142
397.00	-0.012	193	-0.0195	397.00	-0.021	184.3	-0.0115
397.03	-0.012	193	-0.0178	397.03	-0.02	184.4	-0.008
397.07	-0.011	193	-0.0151	397.07	-0.017	184.6	-0.008
397.10	-0.008	193.2	-0.0133	397.10	-0.015	184.7	-0.0044
397.13	-0.007	193.2	-0.0107	397.13	-0.015	184.7	-0.0009
397.17	-0.006	193.3	-0.0071	397.17	-0.013	184.9	0.0044
397.20	-0.003	193.6	-0.0071	397.20	-0.009	185.2	0.0098
397.23	-0.001	193.7	-0.0044	397.23	-0.006	185.5	0.0151
397.27	-0.001	193.7	-0.0009	397.27	-0.004	185.7	0.0222
397.30	0	193.8	0.0027	397.30	0	186.2	0.0222
397.35	0.004	194.2	0.0062	397.33	0.004	186.5	0.0302
397.38	0.004	194.2	0.0089	397.37	0.004	186.5	0.0364
397.42	0.005	194.4	0.0124	397.40	0.005	186.8	0.0435
397.43	0.008	194.7	0.016	397.43	0.01	187.4	0.0506
397.47	0.01	194.9	0.0195	397.47	0.013	187.7	0.0577
397.50	0.012	195.1	0.024	397.50	0.015	188.1	0.0639
397.53	0.014	195.5	0.024	397.53	0.018	188.6	0.0719
397.57	0.017	195.7	0.0293	397.57	0.022	189	0.0719
397.60	0.017	195.7	0.0328	397.60	0.022	189	0.079
397.63	0.018	195.9	0.0355	397.63	0.023	189.4	0.0843
397.67	0.019	196.2	0.0391	397.67	0.026	189.9	0.0914
397.70	0.022	196.5	0.0426	397.70	0.03	190.3	0.0976
397.73	0.022	196.7	0.0453	397.73	0.031	190.6	0.1021
397.77	0.024	196.9	0.0479	397.78	0.033	191	0.1074
397.80	0.026	197.1	0.0479	397.82	0.035	191.3	0.1101
397.83	0.026	197.1	0.0497	397.85	0.036	191.6	0.1136
397.87	0.026	197.3	0.0515	397.87	0.037	191.9	0.1163
397.90	0.027	197.5	0.0533	397.90	0.039	192.2	0.1163
397.93	0.028	197.7	0.055	397.93	0.039	192.2	0.1189
397.97	0.028	197.8	0.0559	397.97	0.039	192.5	0.1207
398.00	0.029	198	0.0559	398.00	0.04	192.7	0.1225
398.03	0.029	198.1	0.0559	398.03	0.04	192.9	0.1234
398.07	0.029	198.1	0.0568	398.07	0.04	193.1	0.1243
398.10	0.029	198.2	0.0568	398.10	0.04	193.3	0.1243
398.13	0.029	198.3	0.0568	398.13	0.04	193.4	0.1243
398.17	0.029	198.4	0.0568	398.17	0.039	193.4	0.1243
398.20	0.028	198.5	0.0559	398.20	0.039	193.5	0.1234
398.23	0.027	198.5	0.0541	398.23	0.038	193.5	0.1216
398.27	0.025	198.5	0.0541	398.27	0.036	193.5	0.1198
398.30	0.025	198.5	0.0533	398.30	0.035	193.5	0.1181
398.33	0.025	198.5	0.0515	398.33	0.033	193.5	0.1145
398.37	0.023	198.4	0.0497	398.37	0.03	193.4	0.1145
398.40	0.021	198.4	0.047	398.40	0.028	193.4	0.111
398.43	0.02	198.3	0.0453	398.43	0.028	193.3	0.1083
398.47	0.019	198.1	0.0426	398.47	0.027	193.1	0.103
398.50	0.016	198	0.0426	398.50	0.022	192.8	0.0976
398.53	0.015	198	0.0391	398.53	0.02	192.7	0.0932
398.57	0.015	197.9	0.0373	398.57	0.018	192.4	0.087
398.60	0.013	197.7	0.0328	398.60	0.013	192	0.087
398.63	0.01	197.5	0.0293	398.63	0.011	191.8	0.0799
398.67	0.009	197.4	0.0257	398.67	0.011	191.8	0.0746

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
398.70	0.007	197.1	0.0213	398.70	0.009	191.4	0.0666
398.73	0.003	196.9	0.0213	398.73	0.004	190.9	0.0586
398.77	0.002	196.9	0.0169	398.77	0.001	190.6	0.0533
398.82	0.001	196.5	0.0115	398.80	-0.001	190.2	0.0462
398.85	-0.001	196.3	0.0115	398.83	-0.005	189.7	0.0462
398.87	-0.003	196.3	0.0089	398.87	-0.008	189.3	0.0382
398.90	-0.003	196.1	0.0044	398.90	-0.008	189.3	0.032
398.93	-0.004	195.8	0	398.93	-0.009	188.9	0.024
398.97	-0.008	195.4	-0.0044	398.97	-0.013	188.4	0.0169
399.00	-0.008	195.2	-0.0062	399.00	-0.016	188	0.0115
399.03	-0.01	194.9	-0.0098	399.03	-0.017	187.6	0.0053
399.07	-0.012	194.7	-0.0098	399.07	-0.02	187.1	0.0053
399.10	-0.013	194.7	-0.0133	399.10	-0.023	186.7	0
399.13	-0.013	194.5	-0.0151	399.13	-0.023	186.7	-0.0044
399.17	-0.014	194.2	-0.0178	399.17	-0.024	186.3	-0.0089
399.20	-0.015	194	-0.0195	399.20	-0.025	185.9	-0.0124
399.23	-0.016	193.8	-0.0213	399.25	-0.027	185.6	-0.0151
399.27	-0.016	193.7	-0.0222	399.28	-0.027	185.4	-0.0169
399.30	-0.017	193.5	-0.0222	399.30	-0.028	185.1	-0.0186
399.33	-0.017	193.5	-0.0231	399.33	-0.029	184.9	-0.0204
399.37	-0.017	193.3	-0.024	399.37	-0.029	184.7	-0.0204
399.40	-0.017	193.2	-0.024	399.40	-0.029	184.5	-0.0213
399.43	-0.017	193.1	-0.024	399.43	-0.028	184.4	-0.0213
399.47	-0.017	193	-0.024	399.47	-0.028	184.4	-0.0213
399.50	-0.017	193	-0.0231	399.50	-0.028	184.2	-0.0213
399.53	-0.015	193	-0.0231	399.53	-0.027	184.2	-0.0195
399.57	-0.015	192.9	-0.0222	399.57	-0.026	184.2	-0.0186
399.60	-0.015	192.9	-0.0222	399.60	-0.025	184.2	-0.0169
399.63	-0.014	192.9	-0.0204	399.63	-0.023	184.3	-0.0142
399.67	-0.013	193	-0.0186	399.67	-0.02	184.3	-0.0142
399.70	-0.011	193	-0.0169	399.70	-0.019	184.3	-0.0115
399.73	-0.01	193	-0.0142	399.73	-0.019	184.4	-0.008
399.77	-0.008	193.2	-0.0142	399.77	-0.017	184.6	-0.0044
399.80	-0.006	193.3	-0.0115	399.80	-0.013	184.8	0.0009
399.83	-0.006	193.3	-0.0098	399.83	-0.012	185	0.0053
399.87	-0.005	193.4	-0.0062	399.87	-0.009	185.3	0.0107
399.90	-0.003	193.6	-0.0027	399.90	-0.004	185.6	0.0107
399.93	0	193.8	0	399.93	-0.003	185.6	0.0178
399.97	0.001	193.9	0.0036	399.97	-0.003	185.9	0.024
400.00	0.003	194.2	0.0071	400.00	0	186.3	0.032
400.03	0.006	194.4	0.0071	400.03	0.005	186.7	0.0391
400.07	0.006	194.4	0.0115	400.07	0.006	187	0.0453
400.10	0.007	194.6	0.0151	400.10	0.01	187.5	0.0533
400.13	0.01	194.9	0.0195	400.13	0.015	187.9	0.0533
400.17	0.012	195.1	0.0231	400.17	0.016	187.9	0.0604
400.20	0.013	195.3	0.0275	400.20	0.016	188.3	0.0666
400.23	0.016	195.7	0.032	400.23	0.019	188.8	0.0737
400.28	0.018	195.9	0.0355	400.27	0.023	189.2	0.0808
400.32	0.019	196.1	0.0373	400.30	0.025	189.5	0.087
400.33	0.02	196.3	0.0399	400.33	0.027	190	0.0932
400.37	0.022	196.6	0.0399	400.37	0.031	190.4	0.0932
400.40	0.023	196.6	0.0426	400.40	0.032	190.4	0.0994
400.43	0.023	196.8	0.0453	400.43	0.032	190.7	0.1039
400.47	0.024	197	0.0479	400.47	0.034	191.2	0.1083
400.50	0.026	197.2	0.0506	400.50	0.036	191.5	0.1127
400.53	0.027	197.4	0.0524	400.53	0.037	191.8	0.1145
400.57	0.027	197.6	0.0533	400.57	0.038	192.1	0.1181
400.60	0.028	197.8	0.0533	400.60	0.039	192.4	0.1181
400.63	0.028	197.8	0.055	400.63	0.04	192.4	0.1207
400.67	0.028	197.9	0.0559	400.68	0.04	192.8	0.1225
400.70	0.029	198	0.0559	400.70	0.04	193	0.1225
400.73	0.029	198.2	0.0568	400.75	0.04	193	0.1234
400.77	0.029	198.3	0.0568	400.77	0.04	193.2	0.1243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
400.80	0.029	198.4	0.0568	400.80	0.04	193.3	0.1243
400.83	0.028	198.4	0.0568	400.83	0.04	193.4	0.1243
400.87	0.027	198.4	0.0568	400.87	0.039	193.5	0.1234
400.90	0.027	198.5	0.0559	400.90	0.038	193.6	0.1207
400.93	0.026	198.5	0.0541	400.93	0.035	193.5	0.1207
400.97	0.025	198.5	0.0524	400.97	0.033	193.5	0.1181
401.00	0.024	198.5	0.0515	401.00	0.033	193.5	0.1163
401.03	0.023	198.4	0.0488	401.03	0.032	193.5	0.1127
401.07	0.021	198.3	0.0488	401.07	0.03	193.3	0.1092
401.10	0.019	198.3	0.0462	401.10	0.027	193.2	0.1056
401.13	0.019	198.2	0.0444	401.13	0.025	193	0.1012
401.17	0.018	198.1	0.0417	401.17	0.022	192.7	0.1012
401.20	0.015	197.9	0.0373	401.20	0.019	192.5	0.0959
401.23	0.013	197.8	0.0346	401.23	0.019	192.5	0.0905
401.27	0.012	197.7	0.032	401.27	0.017	192.3	0.0843
401.30	0.009	197.5	0.032	401.30	0.013	191.9	0.0772
401.33	0.008	197.3	0.0284	401.33	0.009	191.5	0.071
401.37	0.008	197.3	0.024	401.37	0.007	191.3	0.0639
401.40	0.006	197.1	0.0204	401.40	0.003	190.8	0.0639
401.43	0.003	196.8	0.016	401.43	0	190.4	0.0568
401.47	0.001	196.6	0.0124	401.47	0	190.4	0.0497
401.50	0	196.4	0.008	401.50	-0.002	190.1	0.0426
401.53	-0.003	196.1	0.008	401.53	-0.006	189.5	0.0355
401.57	-0.005	195.8	0.0044	401.57	-0.009	189.1	0.0284
401.60	-0.005	195.8	0.0009	401.60	-0.011	188.7	0.0213
401.63	-0.006	195.6	-0.0027	401.63	-0.014	188.2	0.0142
401.67	-0.008	195.2	-0.0062	401.67	-0.017	187.8	0.0142
401.72	-0.01	195	-0.0098	401.70	-0.017	187.8	0.008
401.75	-0.01	194.8	-0.0115	401.73	-0.018	187.4	0.0036
401.78	-0.012	194.5	-0.0142	401.77	-0.021	186.9	-0.0018
401.80	-0.014	194.3	-0.0169	401.80	-0.023	186.5	-0.0062
401.83	-0.014	194.1	-0.0186	401.83	-0.024	186.2	-0.0098
401.87	-0.015	193.9	-0.0204	401.87	-0.025	185.8	-0.0133
401.90	-0.016	193.7	-0.0204	401.90	-0.027	185.5	-0.0133
401.93	-0.016	193.7	-0.0222	401.93	-0.027	185.5	-0.016
401.97	-0.017	193.6	-0.0231	401.97	-0.027	185.2	-0.0178
402.00	-0.017	193.4	-0.024	402.00	-0.028	185	-0.0195
402.03	-0.017	193.3	-0.024	402.03	-0.029	184.8	-0.0204
402.07	-0.017	193.2	-0.024	402.07	-0.029	184.6	-0.0213
402.10	-0.017	193.1	-0.0249	402.10	-0.029	184.4	-0.0213
402.13	-0.017	193	-0.0249	402.15	-0.028	184.3	-0.0213
402.17	-0.016	193	-0.0249	402.18	-0.028	184.2	-0.0204
402.20	-0.016	192.9	-0.024	402.20	-0.027	184.2	-0.0186
402.23	-0.016	192.9	-0.0231	402.23	-0.025	184.2	-0.0186
402.27	-0.014	192.9	-0.0213	402.27	-0.024	184.2	-0.0178
402.30	-0.014	192.9	-0.0204	402.30	-0.024	184.2	-0.0151
402.33	-0.013	193	-0.0186	402.33	-0.023	184.3	-0.0133
402.37	-0.01	193	-0.0186	402.37	-0.019	184.4	-0.0098
402.40	-0.01	193	-0.016	402.40	-0.018	184.5	-0.0071
402.43	-0.01	193.1	-0.0151	402.43	-0.016	184.7	-0.0018
402.47	-0.008	193.2	-0.0115	402.47	-0.011	184.9	-0.0018
402.50	-0.005	193.4	-0.008	402.50	-0.01	184.9	0.0027
402.53	-0.004	193.5	-0.0053	402.53	-0.01	185.1	0.0071
402.57	-0.003	193.6	-0.0018	402.57	-0.008	185.4	0.0133
402.60	0.001	193.8	-0.0018	402.60	-0.003	185.7	0.0204
402.63	0.002	193.8	0.0018	402.63	-0.001	186	0.0257
402.67	0.002	194	0.0044	402.67	0.001	186.4	0.0337
402.70	0.003	194.2	0.0089	402.70	0.007	186.8	0.0337
402.73	0.007	194.5	0.0133	402.73	0.008	186.8	0.0417
402.77	0.008	194.6	0.016	402.77	0.008	187.2	0.0479
402.80	0.01	194.9	0.0204	402.80	0.011	187.6	0.055
402.83	0.014	195.2	0.0204	402.83	0.016	188.1	0.063
402.87	0.014	195.2	0.0249	402.87	0.017	188.4	0.0692

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
402.90	0.014	195.4	0.0284	402.90	0.02	188.9	0.0754
402.93	0.016	195.7	0.0328	402.93	0.025	189.3	0.0754
402.97	0.019	196	0.0364	402.97	0.026	189.3	0.0834
403.00	0.02	196.2	0.0391	403.00	0.026	189.7	0.0888
403.03	0.021	196.4	0.0426	403.03	0.027	190.1	0.095
403.07	0.023	196.7	0.0426	403.07	0.032	190.5	0.1012
403.10	0.024	196.7	0.0453	403.10	0.032	190.8	0.1056
403.13	0.024	196.9	0.0479	403.13	0.034	191.2	0.1101
403.18	0.026	197.3	0.0497	403.17	0.037	191.6	0.1101
403.22	0.027	197.5	0.0515	403.20	0.037	191.6	0.1145
403.23	0.027	197.5	0.0524	403.23	0.037	191.9	0.1163
403.27	0.027	197.6	0.0541	403.27	0.038	192.2	0.1198
403.30	0.028	197.8	0.0559	403.30	0.04	192.5	0.1216
403.33	0.029	198	0.0559	403.33	0.04	192.7	0.1234
403.37	0.029	198.1	0.0559	403.37	0.04	192.9	0.1234
403.40	0.029	198.2	0.0559	403.40	0.04	193	0.1234
403.43	0.029	198.3	0.0568	403.43	0.04	193.2	0.1243
403.47	0.029	198.3	0.0568	403.47	0.04	193.2	0.1243
403.50	0.028	198.4	0.0568	403.50	0.04	193.3	0.1243
403.53	0.028	198.4	0.0559	403.53	0.039	193.5	0.1234
403.57	0.027	198.5	0.055	403.58	0.038	193.5	0.1216
403.60	0.026	198.5	0.0533	403.62	0.037	193.6	0.1207
403.63	0.025	198.5	0.0515	403.65	0.035	193.5	0.1181
403.67	0.023	198.4	0.0515	403.67	0.033	193.5	0.1154
403.70	0.022	198.4	0.0497	403.70	0.031	193.4	0.1127
403.73	0.022	198.4	0.0488	403.73	0.03	193.2	0.1083
403.77	0.021	198.3	0.0453	403.77	0.025	193.1	0.1083
403.80	0.018	198.2	0.0426	403.80	0.024	193.1	0.1039
403.83	0.017	198.1	0.0399	403.83	0.024	193	0.1003
403.87	0.016	197.9	0.0373	403.87	0.022	192.6	0.0941
403.90	0.012	197.7	0.0373	403.90	0.017	192.4	0.0879
403.93	0.011	197.7	0.0337	403.93	0.016	192.2	0.0826
403.97	0.011	197.6	0.0311	403.97	0.013	191.7	0.0754
404.00	0.01	197.4	0.0257	404.00	0.007	191.4	0.0754
404.03	0.006	197.1	0.0222	404.03	0.006	191.4	0.0683
404.07	0.005	197	0.0186	404.07	0.006	191.2	0.0621
404.10	0.003	196.7	0.0142	404.10	0.003	190.6	0.0541
404.13	0	196.5	0.0142	404.13	-0.002	190.2	0.0462
404.17	-0.001	196.5	0.0107	404.17	-0.004	189.8	0.0408
404.20	-0.001	196.3	0.0062	404.20	-0.006	189.3	0.0337
404.23	-0.003	196	0.0027	404.23	-0.011	188.9	0.0337
404.27	-0.006	195.7	-0.0009	404.27	-0.012	188.9	0.0257
404.30	-0.007	195.5	-0.0036	404.30	-0.012	188.5	0.0195
404.33	-0.008	195.2	-0.008	404.33	-0.014	188	0.0124
404.37	-0.011	194.9	-0.008	404.37	-0.019	187.6	0.0062
404.40	-0.012	194.9	-0.0115	404.40	-0.019	187.2	0.0018
404.43	-0.012	194.7	-0.0133	404.43	-0.021	186.7	-0.0027
404.47	-0.013	194.4	-0.016	404.47	-0.024	186.3	-0.0027
404.50	-0.015	194.2	-0.0186	404.50	-0.025	186.3	-0.008
404.53	-0.015	194	-0.0195	404.53	-0.025	186	-0.0107
404.57	-0.016	193.8	-0.0213	404.57	-0.026	185.7	-0.0142
404.62	-0.017	193.6	-0.0231	404.60	-0.028	185.3	-0.0169
404.65	-0.017	193.5	-0.0231	404.63	-0.028	185.1	-0.0186
404.68	-0.017	193.3	-0.024	404.67	-0.028	184.9	-0.0195
404.70	-0.017	193.2	-0.024	404.70	-0.029	184.7	-0.0195
404.73	-0.017	193.1	-0.0249	404.73	-0.029	184.7	-0.0204
404.77	-0.017	193.1	-0.0249	404.77	-0.029	184.5	-0.0213
404.80	-0.017	193	-0.0249	404.80	-0.029	184.4	-0.0213
404.83	-0.017	192.9	-0.024	404.83	-0.028	184.3	-0.0204
404.87	-0.016	192.9	-0.0231	404.87	-0.026	184.2	-0.0195
404.90	-0.015	192.9	-0.0222	404.90	-0.026	184.2	-0.0178
404.93	-0.014	192.9	-0.0222	404.93	-0.023	184.2	-0.0178
404.97	-0.013	192.9	-0.0213	404.97	-0.023	184.2	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
405.00	-0.013	192.9	-0.0195	405.00	-0.023	184.3	-0.0133
405.03	-0.012	192.9	-0.0178	405.05	-0.018	184.5	-0.0098
405.07	-0.01	193	-0.0151	405.08	-0.017	184.5	-0.008
405.10	-0.008	193.1	-0.0133	405.10	-0.017	184.6	-0.0044
405.13	-0.007	193.2	-0.0107	405.13	-0.015	184.8	0
405.17	-0.005	193.4	-0.0107	405.17	-0.01	185	0.0053
405.20	-0.003	193.5	-0.0071	405.20	-0.009	185.2	0.0098
405.23	-0.003	193.5	-0.0044	405.23	-0.007	185.5	0.016
405.27	-0.002	193.7	-0.0009	405.27	-0.001	185.9	0.016
405.30	0.001	193.9	0.0027	405.30	0	186.2	0.024
405.33	0.004	194.1	0.0062	405.33	0	186.2	0.0293
405.37	0.004	194.2	0.0107	405.37	0.002	186.5	0.0373
405.40	0.007	194.6	0.0142	405.40	0.007	187	0.0453
405.43	0.01	194.8	0.0142	405.43	0.01	187.4	0.0515
405.47	0.01	194.8	0.0186	405.47	0.012	187.7	0.0586
405.50	0.011	195	0.0222	405.50	0.017	188.2	0.0586
405.53	0.013	195.3	0.0257	405.53	0.019	188.6	0.0666
405.57	0.016	195.6	0.0311	405.57	0.019	188.6	0.0719
405.60	0.017	195.8	0.0337	405.60	0.021	189	0.079
405.63	0.018	196.1	0.0373	405.63	0.025	189.5	0.0861
405.67	0.021	196.3	0.0373	405.67	0.027	189.9	0.0914
405.70	0.022	196.3	0.0408	405.70	0.029	190.2	0.0985
405.73	0.022	196.5	0.0435	405.73	0.032	190.7	0.0985
405.77	0.023	196.7	0.0462	405.77	0.034	191	0.1039
405.80	0.025	197	0.0488	405.80	0.034	191	0.1074
405.83	0.025	197.2	0.0506	405.83	0.035	191.3	0.1118
405.87	0.026	197.4	0.0524	405.87	0.037	191.7	0.1154
405.90	0.028	197.6	0.0524	405.90	0.038	192	0.1181
405.93	0.028	197.6	0.0541	405.93	0.039	192.3	0.1198
405.97	0.028	197.7	0.055	405.97	0.039	192.5	0.1225
406.00	0.028	197.9	0.0559	406.00	0.04	192.8	0.1225
406.03	0.029	198	0.0568	406.03	0.04	192.8	0.1234
406.08	0.029	198.1	0.0568	406.07	0.04	192.9	0.1243
406.12	0.029	198.2	0.0568	406.10	0.04	193.1	0.1243
406.13	0.029	198.3	0.0568	406.13	0.04	193.3	0.1243
406.17	0.029	198.4	0.0568	406.17	0.04	193.4	0.1243
406.20	0.028	198.4	0.055	406.20	0.039	193.5	0.1225
406.23	0.026	198.5	0.055	406.23	0.036	193.5	0.1225
406.27	0.025	198.5	0.0541	406.27	0.035	193.5	0.1207
406.30	0.025	198.5	0.0533	406.30	0.035	193.5	0.1189
406.33	0.024	198.5	0.0515	406.33	0.034	193.4	0.1163
406.37	0.022	198.4	0.0497	406.37	0.031	193.3	0.1127
406.40	0.022	198.4	0.0479	406.40	0.03	193.3	0.1092
406.43	0.02	198.3	0.0444	406.43	0.027	193.1	0.1047
406.47	0.017	198.1	0.0444	406.47	0.023	192.9	0.1047
406.50	0.016	198.1	0.0426	406.52	0.022	192.7	0.0976
406.53	0.016	198	0.0391	406.55	0.021	192.5	0.0932
406.57	0.015	197.9	0.0355	406.57	0.016	192.2	0.0932
406.60	0.011	197.7	0.032	406.60	0.014	192.2	0.0861
406.63	0.01	197.5	0.0293	406.63	0.014	192	0.0808
406.67	0.009	197.3	0.0249	406.67	0.012	191.6	0.0737
406.70	0.005	197.1	0.0249	406.70	0.006	191.2	0.0648
406.73	0.004	197.1	0.0204	406.73	0.004	190.9	0.0595
406.77	0.004	196.9	0.0178	406.77	0.002	190.5	0.0524
406.80	0.003	196.7	0.0133	406.80	-0.003	190	0.0524
406.83	-0.001	196.4	0.0089	406.83	-0.005	190	0.0444
406.87	-0.002	196.2	0.0053	406.87	-0.005	189.7	0.0382
406.90	-0.004	195.9	0.0018	406.90	-0.007	189.2	0.0311
406.93	-0.007	195.6	0.0018	406.93	-0.012	188.7	0.0222
406.97	-0.007	195.6	-0.0027	406.97	-0.013	188.3	0.0169
407.00	-0.007	195.4	-0.0053	407.00	-0.015	187.9	0.0107
407.03	-0.009	195.1	-0.0089	407.03	-0.019	187.4	0.0107
407.07	-0.011	194.8	-0.0124	407.07	-0.02	187.4	0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
407.10	-0.013	194.5	-0.0142	407.10	-0.02	187.1	0
407.13	-0.013	194.4	-0.0169	407.13	-0.022	186.6	-0.0044
407.17	-0.015	194.1	-0.0169	407.17	-0.025	186.2	-0.0098
407.20	-0.015	193.9	-0.0186	407.20	-0.025	185.9	-0.0115
407.23	-0.015	193.9	-0.0195	407.23	-0.026	185.6	-0.0151
407.27	-0.016	193.7	-0.0222	407.27	-0.028	185.2	-0.0151
407.30	-0.017	193.5	-0.0231	407.30	-0.028	185.2	-0.0178
407.33	-0.017	193.4	-0.024	407.33	-0.028	185	-0.0186
407.37	-0.017	193.3	-0.024	407.37	-0.028	184.8	-0.0195
407.40	-0.017	193.2	-0.024	407.40	-0.029	184.6	-0.0204
407.43	-0.017	193	-0.024	407.43	-0.029	184.4	-0.0213
407.47	-0.017	193	-0.024	407.47	-0.028	184.3	-0.0204
407.52	-0.016	192.9	-0.024	407.50	-0.027	184.3	-0.0204
407.55	-0.016	192.9	-0.024	407.53	-0.026	184.2	-0.0195
407.58	-0.015	192.9	-0.0231	407.57	-0.026	184.2	-0.0186
407.60	-0.015	192.8	-0.0222	407.60	-0.025	184.2	-0.0169
407.63	-0.014	192.9	-0.0204	407.63	-0.023	184.3	-0.0142
407.67	-0.012	192.9	-0.0186	407.67	-0.021	184.3	-0.0115
407.70	-0.011	193	-0.0169	407.70	-0.02	184.4	-0.008
407.73	-0.01	193	-0.0151	407.73	-0.017	184.6	-0.008
407.77	-0.007	193.2	-0.0151	407.77	-0.014	184.7	-0.0044
407.80	-0.007	193.2	-0.0115	407.80	-0.014	184.7	-0.0009
407.83	-0.007	193.2	-0.0098	407.83	-0.012	184.9	0.0044
407.87	-0.005	193.4	-0.0062	407.87	-0.009	185.2	0.0098
407.90	-0.001	193.6	-0.0027	407.90	-0.006	185.5	0.0151
407.93	-0.001	193.7	0	407.95	-0.004	185.7	0.0222
407.97	0	193.9	0.0036	407.98	-0.002	186.1	0.0257
408.00	0.005	194.2	0.0036	408.02	0.002	186.4	0.0328
408.03	0.005	194.2	0.008	408.03	0.004	186.7	0.0391
408.07	0.005	194.3	0.0115	408.07	0.007	187.2	0.047
408.10	0.007	194.6	0.016	408.10	0.012	187.6	0.047
408.13	0.011	194.9	0.0204	408.13	0.013	187.6	0.0541
408.17	0.012	195	0.0231	408.17	0.013	187.9	0.0612
408.20	0.013	195.3	0.0275	408.20	0.016	188.4	0.0683
408.23	0.017	195.6	0.0275	408.23	0.021	188.8	0.0754
408.27	0.017	195.6	0.032	408.27	0.022	189.2	0.0817
408.30	0.017	195.8	0.0346	408.30	0.025	189.7	0.0879
408.33	0.019	196.1	0.0391	408.33	0.029	190.1	0.0879
408.37	0.022	196.4	0.0426	408.37	0.03	190.1	0.095
408.40	0.022	196.6	0.0444	408.40	0.03	190.4	0.1003
408.43	0.023	196.8	0.047	408.43	0.032	190.8	0.1047
408.47	0.026	197	0.047	408.47	0.035	191.2	0.1101
408.50	0.026	197	0.0497	408.50	0.036	191.5	0.1127
408.53	0.026	197.2	0.0515	408.53	0.037	191.8	0.1163
408.57	0.027	197.4	0.0533	408.57	0.039	192.1	0.1163
408.60	0.028	197.6	0.055	408.60	0.039	192.1	0.1198
408.63	0.028	197.8	0.0559	408.63	0.039	192.4	0.1207
408.67	0.028	197.9	0.0559	408.67	0.04	192.6	0.1225
408.70	0.029	198	0.0559	408.70	0.04	192.8	0.1234
408.73	0.029	198.2	0.0568	408.73	0.04	193	0.1243
408.77	0.029	198.2	0.0568	408.77	0.04	193.2	0.1243
408.80	0.029	198.3	0.0568	408.80	0.04	193.3	0.1243
408.83	0.029	198.3	0.0568	408.83	0.04	193.3	0.1243
408.87	0.028	198.4	0.0559	408.87	0.04	193.4	0.1234
408.90	0.027	198.4	0.0541	408.90	0.038	193.5	0.1216
408.93	0.026	198.4	0.0541	408.93	0.036	193.5	0.1189
408.98	0.024	198.4	0.0515	408.97	0.035	193.5	0.1172
409.02	0.024	198.4	0.0506	409.00	0.033	193.4	0.1145
409.03	0.023	198.3	0.0506	409.03	0.03	193.3	0.1145
409.07	0.021	198.3	0.0488	409.07	0.029	193.3	0.111
409.10	0.021	198.3	0.0462	409.10	0.029	193.2	0.1074
409.13	0.02	198.2	0.0435	409.13	0.026	193	0.1021
409.17	0.017	198	0.0408	409.17	0.022	192.8	0.0976

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
409.20	0.015	197.9	0.0382	409.20	0.021	192.6	0.0932
409.23	0.014	197.8	0.0346	409.23	0.018	192.3	0.087
409.27	0.012	197.6	0.0346	409.27	0.013	191.9	0.087
409.30	0.009	197.4	0.0311	409.30	0.012	191.9	0.079
409.33	0.009	197.4	0.0275	409.33	0.012	191.7	0.0737
409.37	0.008	197.2	0.0231	409.37	0.009	191.3	0.0666
409.40	0.005	197	0.0195	409.42	0.003	190.9	0.0586
409.43	0.003	196.8	0.016	409.45	0.003	190.6	0.055
409.47	0.002	196.6	0.0115	409.47	0.001	190.2	0.0479
409.50	-0.001	196.2	0.0115	409.50	-0.005	189.8	0.0399
409.53	-0.004	196	0.0071	409.53	-0.006	189.4	0.0346
409.57	-0.004	196	0.0036	409.57	-0.008	189	0.0275
409.60	-0.005	195.8	0	409.60	-0.013	188.5	0.0275
409.63	-0.006	195.4	-0.0036	409.63	-0.014	188.1	0.0195
409.67	-0.009	195.2	-0.0062	409.67	-0.014	188.1	0.0142
409.70	-0.01	194.9	-0.0098	409.70	-0.016	187.7	0.008
409.73	-0.012	194.6	-0.0133	409.73	-0.02	187.2	0.0009
409.77	-0.013	194.4	-0.0133	409.77	-0.022	186.8	-0.0027
409.80	-0.013	194.4	-0.0151	409.80	-0.023	186.4	-0.0071
409.83	-0.014	194.2	-0.0169	409.83	-0.025	186	-0.0071
409.87	-0.015	194	-0.0195	409.87	-0.026	185.7	-0.0115
409.90	-0.016	193.8	-0.0213	409.90	-0.026	185.7	-0.0142
409.93	-0.016	193.6	-0.0222	409.93	-0.027	185.4	-0.0169
409.97	-0.017	193.5	-0.0231	409.97	-0.028	185.1	-0.0186
410.00	-0.017	193.3	-0.0231	410.00	-0.029	184.9	-0.0204
410.03	-0.017	193.3	-0.024	410.03	-0.029	184.7	-0.0204
410.07	-0.017	193.2	-0.024	410.07	-0.029	184.5	-0.0213
410.10	-0.017	193.1	-0.024	410.10	-0.028	184.4	-0.0213
410.13	-0.017	193	-0.024	410.13	-0.028	184.4	-0.0213
410.17	-0.017	192.9	-0.024	410.17	-0.028	184.2	-0.0213
410.20	-0.016	192.9	-0.0231	410.20	-0.027	184.2	-0.0195
410.23	-0.015	192.9	-0.0231	410.23	-0.025	184.2	-0.0186
410.27	-0.014	192.9	-0.0213	410.27	-0.025	184.1	-0.0169
410.30	-0.014	192.9	-0.0213	410.30	-0.023	184.2	-0.0142
410.33	-0.013	193	-0.0186	410.33	-0.02	184.3	-0.0142
410.37	-0.011	193	-0.0169	410.37	-0.019	184.3	-0.0107
410.40	-0.01	193	-0.0142	410.40	-0.019	184.4	-0.008
410.45	-0.009	193.2	-0.0115	410.43	-0.017	184.6	-0.0044
410.48	-0.007	193.2	-0.0107	410.47	-0.013	184.8	0.0009
410.50	-0.006	193.3	-0.008	410.50	-0.011	185	0.0053
410.53	-0.005	193.5	-0.0044	410.53	-0.009	185.3	0.0107
410.57	0	193.7	-0.0044	410.57	-0.004	185.6	0.0107
410.60	0	193.7	-0.0009	410.60	-0.002	185.6	0.0178
410.63	0	193.8	0.0018	410.63	-0.002	185.9	0.0231
410.67	0.002	194.1	0.0062	410.67	0	186.3	0.0311
410.70	0.006	194.3	0.0098	410.70	0.005	186.6	0.0391
410.73	0.006	194.4	0.0133	410.73	0.007	187	0.0453
410.77	0.008	194.7	0.0178	410.77	0.009	187.5	0.0524
410.80	0.012	195	0.0178	410.80	0.015	187.9	0.0524
410.83	0.013	195	0.0222	410.85	0.016	188.2	0.0648
410.87	0.013	195.2	0.0249	410.88	0.017	188.6	0.0701
410.90	0.014	195.4	0.0302	410.92	0.022	189	0.0701
410.93	0.017	195.8	0.0337	410.93	0.023	189	0.0772
410.97	0.018	196	0.0364	410.97	0.023	189.3	0.0834
411.00	0.02	196.2	0.0399	411.00	0.026	189.8	0.0897
411.03	0.022	196.5	0.0399	411.03	0.03	190.2	0.0976
411.07	0.023	196.5	0.0435	411.07	0.031	190.5	0.1012
411.10	0.023	196.7	0.0453	411.10	0.032	190.9	0.1056
411.13	0.024	196.9	0.0488	411.13	0.036	191.3	0.1056
411.17	0.026	197.1	0.0506	411.17	0.036	191.3	0.111
411.20	0.026	197.3	0.0515	411.20	0.036	191.6	0.1136
411.23	0.027	197.5	0.0541	411.23	0.037	191.9	0.1172
411.27	0.028	197.7	0.0541	411.27	0.039	192.2	0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
411.30	0.029	197.7	0.055	411.30	0.04	192.5	0.1216
411.33	0.029	197.8	0.0559	411.33	0.04	192.7	0.1225
411.37	0.029	198	0.0559	411.37	0.04	192.9	0.1225
411.40	0.029	198.1	0.0568	411.40	0.04	193.1	0.1234
411.43	0.029	198.2	0.0568	411.43	0.04	193.1	0.1234
411.47	0.028	198.3	0.0568	411.47	0.04	193.2	0.1234
411.50	0.028	198.4	0.0568	411.50	0.04	193.4	0.1234
411.53	0.027	198.4	0.0568	411.53	0.039	193.5	0.1234
411.57	0.027	198.4	0.0559	411.57	0.038	193.5	0.1207
411.60	0.026	198.4	0.0541	411.60	0.035	193.4	0.1207
411.63	0.025	198.4	0.0524	411.63	0.033	193.4	0.1181
411.67	0.023	198.4	0.0506	411.67	0.033	193.4	0.1163
411.70	0.023	198.4	0.0497	411.70	0.033	193.4	0.1127
411.73	0.021	198.3	0.0462	411.73	0.029	193.2	0.1092
411.77	0.019	198.2	0.0462	411.77	0.027	193.1	0.1056
411.80	0.018	198.2	0.0444	411.80	0.025	193	0.1012
411.83	0.018	198.1	0.0417	411.83	0.021	192.7	0.1012
411.88	0.014	197.8	0.0382	411.87	0.019	192.5	0.095
411.92	0.013	197.8	0.0364	411.90	0.019	192.5	0.0905
411.95	0.013	197.7	0.0337	411.93	0.017	192.3	0.0843
411.97	0.012	197.5	0.0311	411.97	0.012	191.8	0.0772
412.00	0.008	197.3	0.0257	412.00	0.01	191.5	0.071
412.03	0.007	197.1	0.0222	412.03	0.008	191.2	0.063
412.07	0.005	196.9	0.0186	412.07	0.003	190.7	0.063
412.10	0.002	196.6	0.0186	412.10	0	190.4	0.055
412.13	0.001	196.6	0.0142	412.13	0	190.4	0.0497
412.17	0.001	196.4	0.0107	412.17	-0.002	190	0.0417
412.20	-0.001	196.2	0.0062	412.20	-0.006	189.4	0.0337
412.23	-0.005	195.9	0.0018	412.23	-0.009	189	0.0284
412.27	-0.005	195.7	-0.0009	412.27	-0.011	188.7	0.0213
412.30	-0.006	195.4	-0.0036	412.32	-0.014	188.1	0.0142
412.33	-0.01	195	-0.0036	412.35	-0.016	187.8	0.0107
412.37	-0.01	195	-0.008	412.37	-0.017	187.5	0.0053
412.40	-0.01	194.8	-0.0107	412.40	-0.02	187	-0.0009
412.43	-0.011	194.6	-0.0133	412.43	-0.023	186.5	-0.0009
412.47	-0.014	194.3	-0.0169	412.47	-0.023	186.5	-0.0053
412.50	-0.014	194.1	-0.0178	412.50	-0.023	186.2	-0.0089
412.53	-0.015	193.9	-0.0204	412.53	-0.025	185.8	-0.0133
412.57	-0.016	193.7	-0.0204	412.57	-0.027	185.5	-0.016
412.60	-0.017	193.7	-0.0213	412.60	-0.027	185.2	-0.0178
412.63	-0.017	193.6	-0.0222	412.63	-0.028	184.9	-0.0204
412.67	-0.017	193.4	-0.0231	412.67	-0.029	184.7	-0.0204
412.70	-0.017	193.3	-0.024	412.70	-0.029	184.7	-0.0213
412.73	-0.017	193.2	-0.024	412.73	-0.029	184.6	-0.0222
412.77	-0.017	193.1	-0.0249	412.77	-0.029	184.4	-0.0222
412.80	-0.017	193	-0.0249	412.80	-0.028	184.3	-0.0222
412.83	-0.016	193	-0.0249	412.83	-0.028	184.2	-0.0213
412.87	-0.016	192.9	-0.024	412.87	-0.027	184.1	-0.0195
412.90	-0.016	192.9	-0.0222	412.90	-0.025	184.1	-0.0195
412.93	-0.014	192.9	-0.0204	412.93	-0.024	184.1	-0.0186
412.97	-0.013	192.9	-0.0195	412.97	-0.024	184.1	-0.0169
413.00	-0.012	192.9	-0.0178	413.00	-0.022	184.3	-0.0133
413.03	-0.01	193	-0.0178	413.03	-0.019	184.4	-0.0107
413.07	-0.009	193	-0.016	413.07	-0.018	184.4	-0.0071
413.10	-0.009	193.1	-0.0142	413.10	-0.016	184.7	-0.0027
413.13	-0.008	193.1	-0.0107	413.13	-0.012	184.9	-0.0027
413.17	-0.005	193.3	-0.008	413.17	-0.01	184.9	0.0027
413.20	-0.005	193.4	-0.0062	413.20	-0.01	185.1	0.0062
413.23	-0.003	193.6	-0.0027	413.23	-0.008	185.4	0.0124
413.27	0.001	193.8	-0.0027	413.27	-0.003	185.7	0.0195
413.30	0.002	193.8	0.0018	413.30	-0.001	185.9	0.0257
413.35	0.004	194.1	0.0071	413.33	0.001	186.4	0.0337
413.38	0.005	194.3	0.0071	413.37	0.007	186.8	0.0337

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
413.40	0.007	194.5	0.0107	413.40	0.008	186.8	0.0417
413.43	0.007	194.5	0.0142	413.43	0.008	187.2	0.047
413.47	0.009	194.8	0.0186	413.47	0.011	187.6	0.055
413.50	0.013	195.1	0.024	413.50	0.016	188	0.063
413.53	0.014	195.3	0.0275	413.53	0.017	188.4	0.0683
413.57	0.015	195.5	0.0311	413.57	0.02	188.9	0.0754
413.60	0.018	195.8	0.0311	413.60	0.025	189.3	0.0754
413.63	0.019	196	0.0355	413.63	0.026	189.3	0.0834
413.67	0.019	196	0.0373	413.67	0.026	189.6	0.0888
413.70	0.02	196.3	0.0408	413.70	0.028	190.1	0.095
413.73	0.022	196.6	0.0444	413.73	0.032	190.5	0.1012
413.77	0.024	196.8	0.047	413.78	0.032	190.8	0.1047
413.80	0.025	197	0.0497	413.82	0.033	191.2	0.1083
413.83	0.026	197.2	0.0497	413.83	0.036	191.5	0.1118
413.87	0.027	197.4	0.0515	413.87	0.037	191.8	0.1145
413.90	0.027	197.4	0.0533	413.90	0.038	192.1	0.1181
413.93	0.028	197.6	0.0541	413.93	0.04	192.4	0.1181
413.97	0.028	197.7	0.055	413.97	0.04	192.4	0.1198
414.00	0.029	197.9	0.0559	414.00	0.04	192.6	0.1216
414.03	0.029	198	0.0568	414.03	0.04	192.8	0.1225
414.07	0.029	198.1	0.0568	414.07	0.04	193	0.1234
414.10	0.029	198.2	0.0568	414.10	0.04	193.2	0.1234
414.13	0.029	198.2	0.0568	414.13	0.04	193.3	0.1234
414.17	0.029	198.3	0.0568	414.17	0.04	193.4	0.1234
414.20	0.028	198.4	0.0559	414.20	0.038	193.4	0.1234
414.23	0.027	198.4	0.0541	414.23	0.038	193.5	0.1216
414.27	0.026	198.4	0.0541	414.27	0.037	193.5	0.1189
414.30	0.025	198.4	0.0524	414.30	0.034	193.4	0.1172
414.33	0.023	198.4	0.0524	414.33	0.033	193.4	0.1154
414.37	0.022	198.4	0.0497	414.37	0.032	193.4	0.111
414.40	0.022	198.3	0.0488	414.40	0.028	193.2	0.111
414.43	0.021	198.3	0.0462	414.43	0.026	193	0.1074
414.47	0.018	198.1	0.0426	414.47	0.026	193	0.1039
414.50	0.017	198	0.0408	414.50	0.024	192.9	0.0985
414.53	0.016	197.9	0.0373	414.53	0.02	192.6	0.0932
414.57	0.012	197.7	0.0373	414.57	0.018	192.4	0.0879
414.60	0.011	197.7	0.0337	414.60	0.016	192.1	0.0817
414.63	0.011	197.6	0.0311	414.63	0.011	191.6	0.0817
414.67	0.01	197.3	0.0257	414.67	0.008	191.3	0.0737
414.70	0.006	197.1	0.0222	414.70	0.008	191.3	0.0675
414.73	0.005	197	0.0195	414.73	0.006	191	0.0604
414.78	0.003	196.7	0.0151	414.77	0.001	190.5	0.0524
414.82	0.001	196.5	0.0124	414.80	-0.002	190.2	0.0462
414.85	0	196.3	0.0098	414.83	-0.003	189.8	0.0391
414.87	-0.001	196	0.0053	414.87	-0.007	189.3	0.0391
414.90	-0.006	195.7	0.0053	414.90	-0.01	188.9	0.032
414.93	-0.006	195.7	0	414.93	-0.01	188.9	0.0249
414.97	-0.006	195.5	-0.0018	414.97	-0.012	188.5	0.0178
415.00	-0.007	195.2	-0.0062	415.00	-0.016	187.9	0.0107
415.03	-0.01	194.9	-0.0089	415.03	-0.018	187.5	0.0053
415.07	-0.011	194.7	-0.0115	415.07	-0.019	187.2	0.0009
415.10	-0.012	194.5	-0.0142	415.10	-0.022	186.6	0.0009
415.13	-0.014	194.2	-0.0142	415.13	-0.024	186.3	-0.0044
415.17	-0.015	194.2	-0.0169	415.17	-0.024	186.3	-0.0089
415.20	-0.015	194	-0.0186	415.22	-0.026	185.7	-0.0142
415.23	-0.016	193.9	-0.0213	415.25	-0.027	185.4	-0.0142
415.27	-0.016	193.6	-0.0222	415.28	-0.027	185.4	-0.0169
415.30	-0.017	193.5	-0.0231	415.30	-0.027	185.1	-0.0186
415.33	-0.017	193.3	-0.0231	415.33	-0.028	184.8	-0.0204
415.37	-0.017	193.2	-0.0231	415.37	-0.029	184.6	-0.0213
415.40	-0.017	193.2	-0.024	415.40	-0.029	184.5	-0.0222
415.43	-0.017	193.1	-0.0249	415.43	-0.029	184.3	-0.0222
415.47	-0.017	193	-0.024	415.47	-0.028	184.2	-0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
415.50	-0.017	192.9	-0.024	415.50	-0.027	184.2	-0.0222
415.53	-0.016	192.9	-0.0231	415.53	-0.027	184.1	-0.0204
415.57	-0.015	192.9	-0.0222	415.57	-0.026	184.1	-0.0195
415.60	-0.014	192.9	-0.0222	415.60	-0.024	184.1	-0.0178
415.63	-0.013	192.9	-0.0204	415.63	-0.023	184.1	-0.0151
415.67	-0.013	192.9	-0.0195	415.67	-0.022	184.2	-0.0124
415.70	-0.012	192.9	-0.0169	415.70	-0.018	184.4	-0.0124
415.73	-0.01	193	-0.0151	415.73	-0.017	184.4	-0.0089
415.77	-0.008	193.1	-0.0124	415.77	-0.017	184.5	-0.0062
415.80	-0.007	193.2	-0.0098	415.80	-0.015	184.7	-0.0009
415.83	-0.005	193.4	-0.0098	415.83	-0.01	185	0.0044
415.87	-0.003	193.5	-0.0071	415.87	-0.009	185.1	0.0089
415.90	-0.003	193.5	-0.0044	415.90	-0.007	185.4	0.0151
415.93	-0.001	193.6	0	415.93	-0.002	185.8	0.0151
415.97	0.001	193.9	0.0036	415.97	0	186.1	0.0222
416.00	0.003	194	0.0062	416.00	0	186.1	0.0293
416.03	0.005	194.2	0.0107	416.03	0.002	186.4	0.0364
416.07	0.007	194.5	0.0107	416.07	0.008	187	0.0444
416.10	0.01	194.7	0.0151	416.10	0.01	187.3	0.0497
416.13	0.01	194.7	0.0178	416.13	0.012	187.7	0.0577
416.17	0.011	194.9	0.0222	416.17	0.017	188.2	0.0577
416.20	0.014	195.3	0.0275	416.20	0.019	188.5	0.0657
416.25	0.016	195.5	0.0311	416.23	0.019	188.5	0.0719
416.28	0.016	195.7	0.0328	416.27	0.021	188.9	0.0781
416.30	0.018	196	0.0364	416.30	0.025	189.4	0.0861
416.33	0.02	196.2	0.0399	416.33	0.027	189.8	0.0905
416.37	0.021	196.4	0.0426	416.37	0.029	190.2	0.0976
416.40	0.023	196.7	0.0453	416.40	0.032	190.6	0.0976
416.43	0.025	196.9	0.0453	416.43	0.034	191	0.103
416.47	0.025	196.9	0.0479	416.47	0.034	191	0.1065
416.50	0.025	197.1	0.0497	416.50	0.035	191.3	0.111
416.53	0.026	197.3	0.0524	416.53	0.037	191.7	0.1145
416.57	0.028	197.5	0.0541	416.57	0.038	191.9	0.1172
416.60	0.028	197.6	0.0541	416.60	0.039	192.2	0.1189
416.63	0.028	197.8	0.0559	416.63	0.04	192.5	0.1216
416.67	0.029	197.9	0.0559	416.68	0.04	192.7	0.1225
416.70	0.029	197.9	0.0568	416.72	0.04	192.9	0.1234
416.73	0.029	198.1	0.0568	416.73	0.04	193	0.1234
416.77	0.029	198.2	0.0568	416.77	0.04	193.2	0.1234
416.80	0.029	198.3	0.0568	416.80	0.04	193.2	0.1234
416.83	0.028	198.4	0.0568	416.83	0.04	193.3	0.1234
416.87	0.028	198.4	0.0559	416.87	0.039	193.4	0.1225
416.90	0.026	198.4	0.0559	416.90	0.037	193.5	0.1207
416.93	0.026	198.4	0.0541	416.93	0.036	193.5	0.1189
416.97	0.026	198.4	0.0533	416.97	0.035	193.4	0.1163
417.00	0.024	198.4	0.0515	417.00	0.031	193.4	0.1163
417.03	0.022	198.3	0.0497	417.03	0.031	193.4	0.1136
417.07	0.022	198.3	0.0479	417.07	0.031	193.3	0.111
417.10	0.02	198.2	0.0444	417.10	0.029	193.1	0.1065
417.13	0.017	198.1	0.0444	417.13	0.024	192.9	0.1012
417.17	0.016	198.1	0.0417	417.17	0.023	192.8	0.0968
417.20	0.016	198	0.0391	417.20	0.021	192.5	0.0914
417.23	0.015	197.8	0.0364	417.23	0.016	192.2	0.0914
417.27	0.011	197.6	0.032	417.27	0.014	192.2	0.0852
417.30	0.01	197.5	0.0293	417.30	0.014	192	0.079
417.33	0.009	197.3	0.0249	417.33	0.012	191.5	0.0719
417.37	0.005	197	0.0249	417.37	0.006	191.2	0.0639
417.40	0.004	197	0.0204	417.40	0.005	190.9	0.0586
417.43	0.004	196.9	0.0178	417.43	0.002	190.4	0.0515
417.47	0.003	196.6	0.0133	417.47	-0.003	189.9	0.0515
417.50	-0.001	196.3	0.0089	417.50	-0.005	189.9	0.0426
417.53	-0.002	196.1	0.0062	417.53	-0.005	189.6	0.0373
417.57	-0.004	195.9	0.0018	417.57	-0.007	189.1	0.0302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
417.60	-0.007	195.6	0.0018	417.60	-0.012	188.6	0.0213
417.63	-0.007	195.3	-0.0027	417.63	-0.013	188.3	0.0151
417.67	-0.007	195.3	-0.0044	417.67	-0.015	187.8	0.0089
417.72	-0.01	194.8	-0.008	417.70	-0.019	187.3	0.0089
417.75	-0.012	194.6	-0.0107	417.73	-0.02	187.3	0.0027
417.77	-0.012	194.6	-0.0124	417.77	-0.02	187	-0.0018
417.80	-0.013	194.4	-0.016	417.80	-0.022	186.5	-0.0062
417.83	-0.014	194.1	-0.0186	417.83	-0.025	186.1	-0.0107
417.87	-0.015	193.9	-0.0195	417.87	-0.025	185.8	-0.0133
417.90	-0.016	193.7	-0.0204	417.90	-0.026	185.5	-0.016
417.93	-0.016	193.6	-0.0204	417.93	-0.028	185.2	-0.016
417.97	-0.017	193.4	-0.0222	417.97	-0.028	185.2	-0.0186
418.00	-0.017	193.4	-0.0231	418.00	-0.028	185	-0.0204
418.03	-0.017	193.2	-0.024	418.03	-0.029	184.8	-0.0213
418.07	-0.017	193.1	-0.024	418.07	-0.029	184.6	-0.0213
418.10	-0.017	193	-0.024	418.12	-0.029	184.4	-0.0222
418.13	-0.017	192.9	-0.024	418.15	-0.028	184.3	-0.0222
418.17	-0.017	192.9	-0.0231	418.18	-0.028	184.2	-0.0213
418.20	-0.016	192.9	-0.0231	418.20	-0.027	184.1	-0.0204
418.23	-0.015	192.9	-0.0231	418.23	-0.026	184.1	-0.0186
418.27	-0.015	192.8	-0.0213	418.27	-0.024	184.1	-0.0186
418.30	-0.014	192.9	-0.0204	418.30	-0.022	184.2	-0.0169
418.33	-0.012	192.9	-0.0186	418.33	-0.022	184.2	-0.0142
418.37	-0.011	192.9	-0.0169	418.37	-0.021	184.2	-0.0107
418.40	-0.01	193	-0.0142	418.40	-0.017	184.4	-0.0071
418.43	-0.007	193.1	-0.0142	418.43	-0.015	184.5	-0.0044
418.47	-0.007	193.1	-0.0115	418.47	-0.014	184.7	0.0009
418.50	-0.007	193.2	-0.0089	418.50	-0.01	185	0.0009
418.53	-0.005	193.4	-0.0062	418.53	-0.007	185.3	0.0062
418.57	-0.002	193.6	-0.0027	418.57	-0.007	185.3	0.0107
418.60	-0.001	193.7	0.0009	418.60	-0.006	185.5	0.0178
418.63	0.001	193.9	0.0044	418.63	-0.001	185.9	0.0249
418.67	0.005	194.1	0.0044	418.67	0.002	186.3	0.032
418.70	0.005	194.1	0.0089	418.70	0.004	186.6	0.0391
418.73	0.005	194.3	0.0115	418.73	0.008	187.1	0.0391
418.77	0.007	194.6	0.016	418.77	0.011	187.5	0.0462
418.80	0.011	194.8	0.0204	418.80	0.011	187.5	0.0533
418.83	0.012	195	0.0231	418.83	0.013	187.8	0.0604
418.87	0.013	195.3	0.0284	418.87	0.018	188.3	0.0683
418.90	0.017	195.6	0.0284	418.90	0.021	188.7	0.0746
418.93	0.017	195.6	0.0328	418.93	0.022	189.1	0.0808
418.97	0.017	195.8	0.0355	418.97	0.025	189.6	0.0808
419.00	0.019	196.1	0.0391	419.00	0.029	190	0.0879
419.03	0.022	196.3	0.0426	419.03	0.029	190	0.0941
419.07	0.023	196.6	0.0444	419.07	0.03	190.3	0.0994
419.10	0.024	196.8	0.047	419.10	0.032	190.7	0.1047
419.15	0.026	197	0.0497	419.13	0.035	191.1	0.1083
419.18	0.025	197.2	0.0506	419.17	0.035	191.4	0.1127
419.20	0.026	197.4	0.0524	419.20	0.037	191.8	0.1163
419.23	0.028	197.6	0.0524	419.23	0.039	192.1	0.1163
419.27	0.028	197.6	0.0541	419.27	0.039	192.1	0.1189
419.30	0.028	197.7	0.055	419.30	0.039	192.3	0.1198
419.33	0.028	197.9	0.0559	419.33	0.04	192.6	0.1225
419.37	0.029	198	0.0568	419.37	0.041	192.8	0.1234
419.40	0.029	198.1	0.0568	419.40	0.04	193	0.1234
419.43	0.029	198.2	0.0568	419.43	0.04	193.1	0.1243
419.47	0.029	198.3	0.0568	419.47	0.04	193.3	0.1243
419.50	0.028	198.3	0.0568	419.50	0.04	193.3	0.1243
419.53	0.028	198.4	0.0559	419.53	0.04	193.4	0.1234
419.57	0.027	198.4	0.055	419.58	0.037	193.5	0.1216
419.60	0.026	198.4	0.0541	419.62	0.036	193.5	0.1198
419.63	0.025	198.4	0.0524	419.63	0.036	193.5	0.1181
419.67	0.024	198.4	0.0506	419.67	0.034	193.4	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
419.70	0.022	198.3	0.0506	419.70	0.031	193.3	0.1118
419.73	0.021	198.3	0.0479	419.73	0.029	193.3	0.1092
419.77	0.021	198.3	0.0462	419.77	0.028	193.1	0.1047
419.80	0.02	198.2	0.0435	419.80	0.023	192.9	0.1047
419.83	0.017	198	0.0408	419.83	0.022	192.9	0.0994
419.87	0.016	197.9	0.0391	419.87	0.022	192.7	0.095
419.90	0.014	197.8	0.0346	419.90	0.02	192.3	0.0888
419.93	0.011	197.5	0.0346	419.93	0.014	192.1	0.0817
419.97	0.009	197.4	0.0311	419.97	0.013	191.8	0.0763
420.00	0.009	197.4	0.0275	420.00	0.01	191.4	0.0692
420.03	0.008	197.2	0.024	420.03	0.004	191	0.0692
420.07	0.005	196.9	0.0195	420.07	0.003	191	0.0612
420.10	0.003	196.7	0.016	420.10	0.003	190.7	0.055
420.13	0.002	196.5	0.0115	420.13	0.001	190.3	0.0479
420.17	-0.002	196.2	0.0115	420.17	-0.005	189.8	0.0399
420.20	-0.003	196	0.0071	420.20	-0.006	189.4	0.0346
420.23	-0.003	196	0.0044	420.23	-0.008	189	0.0257
420.27	-0.004	195.8	0.0009	420.27	-0.013	188.5	0.0257
420.30	-0.007	195.4	-0.0036	420.30	-0.015	188.5	0.0186
420.33	-0.009	195.1	-0.0062	420.33	-0.015	188.1	0.0133
420.37	-0.009	194.9	-0.0098	420.37	-0.016	187.7	0.008
420.40	-0.012	194.6	-0.0098	420.40	-0.02	187.2	0.0018
420.43	-0.013	194.4	-0.0124	420.43	-0.021	186.8	-0.0027
420.47	-0.013	194.4	-0.0151	420.47	-0.022	186.4	-0.0071
420.50	-0.014	194.2	-0.0178	420.50	-0.025	186	-0.0071
420.53	-0.015	193.9	-0.0195	420.53	-0.026	185.7	-0.0124
420.57	-0.016	193.8	-0.0213	420.57	-0.026	185.7	-0.0142
420.62	-0.016	193.6	-0.0222	420.60	-0.027	185.4	-0.0169
420.65	-0.016	193.4	-0.0231	420.63	-0.028	185.1	-0.0195
420.67	-0.017	193.3	-0.0231	420.67	-0.029	184.8	-0.0204
420.70	-0.017	193.1	-0.024	420.70	-0.029	184.7	-0.0213
420.73	-0.017	193	-0.024	420.73	-0.029	184.5	-0.0213
420.77	-0.017	192.9	-0.024	420.77	-0.029	184.3	-0.0222
420.80	-0.017	192.9	-0.0249	420.80	-0.029	184.3	-0.0222
420.83	-0.017	192.9	-0.0249	420.83	-0.028	184.2	-0.0213
420.87	-0.016	192.9	-0.0231	420.87	-0.027	184.2	-0.0204
420.90	-0.015	192.8	-0.0222	420.90	-0.026	184.1	-0.0186
420.93	-0.014	192.8	-0.0204	420.93	-0.025	184.1	-0.0169
420.97	-0.013	192.8	-0.0195	420.97	-0.023	184.2	-0.0169
421.00	-0.011	192.9	-0.0195	421.02	-0.02	184.3	-0.0115
421.03	-0.011	192.9	-0.0178	421.05	-0.02	184.3	-0.0098
421.07	-0.011	192.9	-0.016	421.08	-0.017	184.5	-0.0062
421.10	-0.009	193	-0.0133	421.10	-0.014	184.7	-0.0062
421.13	-0.006	193.2	-0.0107	421.13	-0.014	184.7	-0.0018
421.17	-0.006	193.2	-0.008	421.17	-0.013	184.8	0.0027
421.20	-0.004	193.4	-0.0044	421.20	-0.01	185.2	0.0089
421.23	-0.001	193.6	-0.0044	421.23	-0.006	185.4	0.0151
421.27	0	193.6	-0.0009	421.27	-0.004	185.7	0.0213
421.30	0	193.7	0.0027	421.30	0	186.1	0.0284
421.33	0.002	194	0.0062	421.33	0.004	186.5	0.0284
421.37	0.005	194.2	0.0098	421.37	0.005	186.5	0.0355
421.40	0.006	194.4	0.0133	421.40	0.005	186.7	0.0417
421.43	0.008	194.7	0.0178	421.43	0.009	187.3	0.0488
421.47	0.012	194.9	0.0178	421.47	0.013	187.6	0.0568
421.50	0.013	194.9	0.0222	421.50	0.015	188	0.0639
421.53	0.013	195.1	0.0257	421.53	0.018	188.5	0.071
421.57	0.014	195.4	0.0302	421.57	0.022	189	0.071
421.60	0.018	195.7	0.0337	421.60	0.022	189	0.0781
421.63	0.018	195.9	0.0373	421.63	0.023	189.3	0.0843
421.67	0.02	196.2	0.0399	421.67	0.026	189.8	0.0905
421.70	0.022	196.4	0.0399	421.70	0.029	190.1	0.0968
421.73	0.023	196.4	0.0435	421.73	0.031	190.5	0.1012
421.77	0.023	196.6	0.0453	421.77	0.033	190.9	0.1065

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
421.80	0.024	196.9	0.0479	421.80	0.036	191.3	0.1065
421.83	0.026	197.1	0.0506	421.83	0.036	191.3	0.111
421.87	0.026	197.3	0.0515	421.87	0.036	191.6	0.1145
421.90	0.027	197.5	0.0541	421.90	0.038	191.9	0.1172
421.93	0.028	197.6	0.0541	421.93	0.04	192.2	0.1207
421.97	0.029	197.6	0.055	421.97	0.04	192.4	0.1216
422.00	0.029	197.8	0.0559	422.00	0.04	192.6	0.1225
422.05	0.029	198	0.0568	422.03	0.04	192.9	0.1225
422.08	0.029	198	0.0568	422.07	0.04	192.9	0.1234
422.12	0.029	198.2	0.0568	422.10	0.04	193	0.1243
422.13	0.028	198.3	0.0568	422.13	0.04	193.2	0.1243
422.17	0.028	198.3	0.0568	422.17	0.04	193.3	0.1243
422.20	0.028	198.4	0.0568	422.20	0.039	193.4	0.1234
422.23	0.027	198.4	0.055	422.23	0.038	193.4	0.1207
422.27	0.025	198.4	0.055	422.27	0.035	193.4	0.1207
422.30	0.024	198.4	0.0533	422.30	0.034	193.4	0.1181
422.33	0.024	198.4	0.0524	422.33	0.034	193.4	0.1172
422.37	0.024	198.4	0.0506	422.37	0.033	193.3	0.1127
422.40	0.021	198.3	0.0479	422.40	0.028	193.2	0.1092
422.43	0.02	198.2	0.0462	422.43	0.027	193.1	0.1056
422.47	0.019	198.1	0.0426	422.48	0.025	192.9	0.1012
422.50	0.016	198	0.0426	422.52	0.022	192.8	0.0985
422.53	0.014	197.8	0.0391	422.53	0.021	192.6	0.0941
422.57	0.014	197.8	0.0373	422.57	0.019	192.3	0.087
422.60	0.013	197.7	0.0337	422.60	0.013	191.9	0.087
422.63	0.01	197.5	0.0302	422.63	0.012	191.9	0.0799
422.67	0.008	197.3	0.0257	422.67	0.012	191.7	0.0746
422.70	0.007	197.1	0.0222	422.70	0.009	191.3	0.0666
422.73	0.004	196.8	0.0178	422.73	0.003	190.8	0.0586
422.77	0.002	196.6	0.0178	422.77	0.002	190.5	0.0533
422.80	0.002	196.6	0.0142	422.80	0	190.1	0.0462
422.83	0.001	196.4	0.0098	422.83	-0.006	189.6	0.0462
422.87	-0.002	196.1	0.0062	422.87	-0.007	189.6	0.0373
422.90	-0.004	195.9	0.0027	422.90	-0.007	189.2	0.032
422.93	-0.005	195.7	-0.0009	422.93	-0.009	188.8	0.024
422.97	-0.007	195.3	-0.0053	422.97	-0.014	188.3	0.0169
423.00	-0.01	195	-0.0053	423.00	-0.015	187.9	0.0115
423.03	-0.01	195	-0.008	423.03	-0.017	187.5	0.0044
423.07	-0.01	194.8	-0.0107	423.07	-0.021	187	0.0044
423.10	-0.011	194.5	-0.0133	423.10	-0.022	187	-0.0009
423.13	-0.014	194.3	-0.016	423.13	-0.022	186.6	-0.0044
423.17	-0.014	194.1	-0.0178	423.17	-0.023	186.2	-0.0089
423.20	-0.015	193.9	-0.0195	423.20	-0.026	185.9	-0.0124
423.23	-0.016	193.7	-0.0195	423.23	-0.027	185.5	-0.0151
423.27	-0.016	193.7	-0.0213	423.27	-0.027	185.3	-0.0178
423.30	-0.016	193.5	-0.0222	423.30	-0.028	185	-0.0178
423.33	-0.017	193.4	-0.0231	423.33	-0.028	184.8	-0.0195
423.37	-0.017	193.2	-0.024	423.37	-0.028	184.8	-0.0204
423.40	-0.017	193.1	-0.024	423.40	-0.029	184.6	-0.0213
423.43	-0.017	193	-0.024	423.43	-0.029	184.4	-0.0222
423.47	-0.017	192.9	-0.024	423.47	-0.028	184.3	-0.0213
423.52	-0.016	192.9	-0.0231	423.50	-0.028	184.2	-0.0204
423.55	-0.016	192.8	-0.0231	423.53	-0.026	184.2	-0.0204
423.57	-0.015	192.8	-0.0231	423.57	-0.025	184.1	-0.0195
423.60	-0.014	192.8	-0.0222	423.60	-0.025	184.1	-0.0178
423.63	-0.014	192.8	-0.0204	423.63	-0.024	184.1	-0.0151
423.67	-0.013	192.9	-0.0186	423.67	-0.022	184.3	-0.0124
423.70	-0.011	192.9	-0.0169	423.70	-0.019	184.4	-0.0098
423.73	-0.01	193	-0.0151	423.73	-0.018	184.4	-0.0062
423.77	-0.009	193.1	-0.0124	423.77	-0.015	184.7	-0.0018
423.80	-0.006	193.2	-0.0124	423.80	-0.012	184.9	-0.0018
423.83	-0.005	193.2	-0.0089	423.83	-0.01	184.9	0.0027
423.87	-0.005	193.3	-0.0071	423.87	-0.01	185	0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
423.90	-0.004	193.5	-0.0036	423.90	-0.007	185.4	0.0133
423.93	0	193.7	0.0009	423.95	-0.003	185.7	0.0195
423.97	0.001	193.8	0.0027	423.98	-0.003	185.9	0.024
424.00	0.002	194	0.0071	424.00	0	186.3	0.0311
424.03	0.006	194.3	0.0071	424.03	0.005	186.7	0.0391
424.07	0.008	194.3	0.0124	424.07	0.007	187	0.0453
424.10	0.008	194.5	0.0151	424.10	0.01	187.5	0.0524
424.13	0.009	194.7	0.0186	424.13	0.015	187.9	0.0524
424.17	0.012	195	0.0231	424.17	0.016	187.9	0.0604
424.20	0.014	195.2	0.0275	424.20	0.016	188.2	0.0657
424.23	0.015	195.4	0.0311	424.23	0.019	188.7	0.0728
424.27	0.018	195.8	0.0311	424.27	0.023	189.1	0.0808
424.30	0.019	196	0.0355	424.30	0.025	189.5	0.0861
424.33	0.019	196	0.0382	424.33	0.027	189.9	0.0932
424.37	0.02	196.2	0.0417	424.37	0.031	190.3	0.0932
424.40	0.023	196.5	0.0444	424.40	0.032	190.3	0.0985
424.43	0.024	196.7	0.047	424.43	0.032	190.7	0.1039
424.47	0.025	196.9	0.0488	424.47	0.033	191.1	0.1083
424.50	0.026	197.2	0.0488	424.50	0.036	191.4	0.1127
424.53	0.027	197.4	0.0515	424.53	0.037	191.7	0.1154
424.57	0.027	197.4	0.0533	424.57	0.038	192	0.1189
424.60	0.027	197.5	0.0541	424.60	0.04	192.3	0.1189
424.63	0.028	197.7	0.055	424.63	0.04	192.3	0.1207
424.67	0.029	197.8	0.0559	424.67	0.04	192.5	0.1225
424.70	0.029	198	0.0568	424.70	0.04	192.8	0.1234
424.73	0.029	198.1	0.0568	424.73	0.04	193	0.1234
424.77	0.028	198.2	0.0568	424.77	0.04	193.1	0.1243
424.80	0.028	198.2	0.0568	424.80	0.04	193.3	0.1243
424.83	0.028	198.3	0.0568	424.83	0.04	193.4	0.1243
424.87	0.028	198.3	0.0559	424.87	0.038	193.4	0.1243
424.90	0.027	198.3	0.055	424.90	0.038	193.5	0.1216
424.95	0.026	198.4	0.0541	424.93	0.037	193.4	0.1198
424.98	0.026	198.4	0.0524	424.97	0.034	193.4	0.1172
425.02	0.023	198.3	0.0506	425.00	0.033	193.4	0.1154
425.03	0.023	198.3	0.0497	425.03	0.032	193.2	0.111
425.07	0.022	198.2	0.047	425.07	0.027	193.1	0.111
425.10	0.019	198.1	0.047	425.10	0.026	193.1	0.1074
425.13	0.018	198.1	0.0444	425.13	0.026	193	0.1039
425.17	0.018	198.1	0.0426	425.17	0.024	192.8	0.0985
425.20	0.017	197.9	0.0391	425.20	0.02	192.5	0.0932
425.23	0.013	197.7	0.0355	425.23	0.018	192.3	0.0879
425.27	0.012	197.6	0.032	425.27	0.016	192	0.0808
425.30	0.011	197.4	0.0284	425.30	0.01	191.6	0.0808
425.33	0.007	197.2	0.0284	425.33	0.009	191.6	0.0737
425.37	0.006	197.2	0.024	425.38	0.006	191	0.063
425.40	0.006	197	0.0213	425.42	0.003	190.7	0.063
425.43	0.004	196.8	0.0169	425.45	0.001	190.7	0.0577
425.47	0.001	196.5	0.0124	425.47	0.001	190.4	0.0506
425.50	0	196.3	0.0089	425.50	-0.001	189.9	0.0426
425.53	-0.002	196	0.0053	425.53	-0.007	189.4	0.0337
425.57	-0.005	195.7	0.0053	425.57	-0.009	189	0.0284
425.60	-0.006	195.7	0.0009	425.60	-0.011	188.6	0.0204
425.63	-0.006	195.5	-0.0018	425.63	-0.015	188.1	0.0204
425.67	-0.007	195.2	-0.0062	425.67	-0.016	188.1	0.0133
425.70	-0.01	194.9	-0.0089	425.70	-0.016	187.7	0.0089
425.73	-0.011	194.7	-0.0115	425.73	-0.018	187.3	0.0027
425.77	-0.012	194.5	-0.0151	425.77	-0.022	186.8	-0.0027
425.80	-0.014	194.2	-0.0151	425.80	-0.023	186.4	-0.0071
425.83	-0.015	194	-0.0178	425.83	-0.024	186.1	-0.0107
425.87	-0.015	194	-0.0186	425.87	-0.026	185.7	-0.0107
425.90	-0.015	193.8	-0.0204	425.90	-0.027	185.4	-0.0142
425.93	-0.016	193.6	-0.0213	425.93	-0.027	185.4	-0.0169
425.97	-0.017	193.4	-0.0231	425.97	-0.028	185.1	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
426.00	-0.017	193.3	-0.0231	426.00	-0.028	184.9	-0.0204
426.03	-0.017	193.2	-0.0231	426.03	-0.029	184.7	-0.0213
426.07	-0.017	193	-0.024	426.07	-0.029	184.5	-0.0222
426.10	-0.017	193	-0.024	426.10	-0.029	184.3	-0.0222
426.13	-0.017	193	-0.024	426.13	-0.028	184.2	-0.0222
426.17	-0.017	192.9	-0.024	426.17	-0.028	184.2	-0.0222
426.20	-0.016	192.9	-0.0231	426.20	-0.027	184.1	-0.0204
426.23	-0.015	192.8	-0.0213	426.23	-0.026	184.2	-0.0186
426.27	-0.014	192.8	-0.0204	426.27	-0.024	184.2	-0.0169
426.30	-0.012	192.9	-0.0204	426.30	-0.023	184.2	-0.0151
426.33	-0.012	192.9	-0.0186	426.33	-0.021	184.3	-0.0115
426.37	-0.012	192.9	-0.0169	426.37	-0.018	184.4	-0.0115
426.42	-0.009	193	-0.0151	426.40	-0.018	184.4	-0.008
426.45	-0.008	193	-0.0142	426.43	-0.017	184.5	-0.0044
426.47	-0.008	193.1	-0.0115	426.47	-0.014	184.8	0
426.50	-0.006	193.2	-0.008	426.50	-0.011	185	0.0053
426.53	-0.003	193.4	-0.0053	426.53	-0.009	185.2	0.0098
426.57	-0.002	193.5	-0.0027	426.57	-0.006	185.5	0.016
426.60	-0.001	193.7	0.0009	426.60	-0.002	185.9	0.016
426.63	0.002	193.9	0.0009	426.63	0	185.9	0.0231
426.67	0.004	193.9	0.0053	426.67	0	186.1	0.0302
426.70	0.004	194.1	0.0089	426.70	0.003	186.6	0.0373
426.73	0.005	194.4	0.0124	426.73	0.008	187.1	0.0453
426.77	0.009	194.6	0.0178	426.77	0.01	187.3	0.0515
426.80	0.01	194.8	0.0204	426.80	0.012	187.8	0.0577
426.83	0.012	195.1	0.024	426.85	0.017	188.2	0.0657
426.87	0.015	195.4	0.024	426.88	0.017	188.5	0.0701
426.90	0.016	195.4	0.0293	426.90	0.02	188.9	0.0763
426.93	0.016	195.6	0.0328	426.93	0.024	189.4	0.0763
426.97	0.017	195.8	0.0355	426.97	0.026	189.4	0.0843
427.00	0.021	196.1	0.0399	427.00	0.026	189.7	0.0897
427.03	0.021	196.3	0.0417	427.03	0.028	190.1	0.0959
427.07	0.022	196.5	0.0453	427.07	0.032	190.5	0.1021
427.10	0.025	196.8	0.0453	427.10	0.032	190.9	0.1056
427.13	0.025	196.8	0.0479	427.13	0.034	191.3	0.1101
427.17	0.025	197	0.0497	427.17	0.037	191.6	0.1101
427.20	0.026	197.2	0.0524	427.20	0.037	191.6	0.1145
427.23	0.027	197.4	0.0533	427.23	0.037	191.9	0.1172
427.27	0.028	197.6	0.055	427.27	0.038	192.2	0.1198
427.30	0.028	197.7	0.0559	427.30	0.04	192.5	0.1216
427.33	0.029	197.9	0.0559	427.33	0.04	192.7	0.1234
427.37	0.029	197.9	0.0559	427.37	0.04	192.9	0.1243
427.40	0.029	198	0.0568	427.40	0.04	193.1	0.1243
427.43	0.029	198.1	0.0568	427.43	0.04	193.1	0.1243
427.47	0.029	198.2	0.0568	427.47	0.04	193.2	0.1252
427.50	0.028	198.3	0.0568	427.50	0.04	193.3	0.1252
427.53	0.028	198.3	0.0559	427.53	0.039	193.4	0.1243
427.57	0.026	198.3	0.0559	427.57	0.038	193.5	0.1216
427.60	0.026	198.4	0.0541	427.60	0.036	193.5	0.1189
427.63	0.026	198.4	0.0533	427.63	0.033	193.4	0.1189
427.67	0.025	198.3	0.0515	427.67	0.032	193.4	0.1172
427.70	0.023	198.3	0.0488	427.70	0.032	193.4	0.1145
427.73	0.021	198.2	0.0479	427.73	0.031	193.2	0.1101
427.77	0.02	198.2	0.0453	427.77	0.026	193.1	0.1056
427.80	0.018	198	0.0453	427.80	0.025	193	0.1021
427.83	0.016	197.9	0.0417	427.83	0.023	192.7	0.0968
427.88	0.015	197.8	0.0373	427.87	0.018	192.4	0.0968
427.92	0.014	197.7	0.0373	427.90	0.017	192.4	0.0905
427.93	0.011	197.5	0.0346	427.93	0.017	192.2	0.0852
427.97	0.011	197.5	0.032	427.97	0.014	191.8	0.0781
428.00	0.01	197.3	0.0275	428.00	0.009	191.5	0.071
428.03	0.007	197	0.0222	428.03	0.007	191.2	0.0657
428.07	0.005	196.9	0.0186	428.07	0.005	190.7	0.0577

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
428.10	0.003	196.7	0.0151	428.10	-0.001	190.3	0.0577
428.13	-0.001	196.4	0.0151	428.13	-0.002	190.3	0.0497
428.17	-0.002	196.1	0.0107	428.17	-0.002	190	0.0444
428.20	-0.002	196.1	0.0071	428.20	-0.005	189.5	0.0364
428.23	-0.003	195.9	0.0036	428.23	-0.009	189	0.0284
428.27	-0.005	195.6	0	428.28	-0.011	188.6	0.0222
428.30	-0.007	195.3	-0.0036	428.32	-0.012	188.3	0.0186
428.33	-0.008	195.1	-0.0071	428.35	-0.016	187.9	0.0115
428.37	-0.01	194.7	-0.0071	428.37	-0.017	187.5	0.0071
428.40	-0.012	194.5	-0.0107	428.40	-0.019	187	0.0009
428.43	-0.012	194.5	-0.0133	428.43	-0.023	186.5	0.0009
428.47	-0.012	194.4	-0.0151	428.47	-0.024	186.5	-0.0053
428.50	-0.014	194.1	-0.0178	428.50	-0.024	186.2	-0.008
428.53	-0.015	193.9	-0.0195	428.53	-0.025	185.9	-0.0115
428.57	-0.016	193.7	-0.0213	428.57	-0.027	185.5	-0.0151
428.60	-0.016	193.5	-0.0222	428.60	-0.027	185.3	-0.0169
428.63	-0.017	193.3	-0.0222	428.63	-0.028	185	-0.0195
428.67	-0.017	193.3	-0.0231	428.67	-0.029	184.7	-0.0195
428.70	-0.017	193.2	-0.024	428.70	-0.029	184.7	-0.0213
428.73	-0.017	193.1	-0.024	428.73	-0.029	184.6	-0.0213
428.77	-0.017	193	-0.024	428.77	-0.029	184.4	-0.0213
428.80	-0.017	192.9	-0.024	428.80	-0.028	184.3	-0.0213
428.83	-0.016	192.8	-0.0231	428.83	-0.028	184.2	-0.0213
428.87	-0.015	192.8	-0.0231	428.87	-0.027	184.1	-0.0195
428.90	-0.015	192.8	-0.0222	428.90	-0.025	184.1	-0.0195
428.93	-0.015	192.8	-0.0213	428.93	-0.024	184.1	-0.0178
428.97	-0.014	192.8	-0.0195	428.97	-0.024	184.1	-0.016
429.00	-0.012	192.9	-0.0186	429.00	-0.023	184.2	-0.0133
429.03	-0.011	192.9	-0.0169	429.03	-0.019	184.3	-0.0098
429.07	-0.01	193	-0.0142	429.07	-0.018	184.4	-0.0071
429.10	-0.007	193.1	-0.0142	429.10	-0.016	184.6	-0.0027
429.13	-0.007	193.1	-0.0115	429.13	-0.012	184.8	-0.0027
429.17	-0.007	193.2	-0.0089	429.17	-0.01	185	0.0027
429.20	-0.005	193.4	-0.0062	429.20	-0.01	185	0.0071
429.23	-0.001	193.5	-0.0018	429.23	-0.008	185.3	0.0133
429.27	-0.001	193.6	0.0009	429.27	-0.003	185.7	0.0204
429.32	0.001	193.9	0.0044	429.30	-0.001	186	0.0257
429.35	0.003	194	0.0071	429.33	0.001	186.3	0.0346
429.38	0.004	194.2	0.0098	429.37	0.006	186.7	0.0346
429.40	0.006	194.4	0.0142	429.40	0.009	187.1	0.0417
429.43	0.01	194.7	0.0142	429.43	0.009	187.1	0.0479
429.47	0.011	194.7	0.0186	429.47	0.01	187.5	0.055
429.50	0.011	194.9	0.0213	429.50	0.015	188	0.063
429.53	0.012	195.1	0.0257	429.53	0.018	188.4	0.0692
429.57	0.016	195.4	0.0311	429.57	0.02	188.7	0.0763
429.60	0.017	195.7	0.0337	429.60	0.023	189.2	0.0763
429.63	0.018	195.9	0.0373	429.63	0.026	189.6	0.0834
429.67	0.021	196.2	0.0373	429.67	0.026	189.6	0.0897
429.70	0.022	196.2	0.0408	429.70	0.028	190	0.0959
429.73	0.022	196.4	0.0435	429.75	0.032	190.7	0.1021
429.77	0.023	196.6	0.0462	429.78	0.032	190.7	0.1047
429.80	0.025	196.9	0.0488	429.80	0.033	191	0.1092
429.83	0.026	197.1	0.0506	429.83	0.035	191.5	0.1127
429.87	0.026	197.3	0.0524	429.87	0.037	191.8	0.1163
429.90	0.027	197.5	0.0524	429.90	0.038	192	0.1189
429.93	0.028	197.6	0.0541	429.93	0.039	192.4	0.1216
429.97	0.028	197.6	0.055	429.97	0.04	192.6	0.1216
430.00	0.028	197.8	0.0559	430.00	0.04	192.6	0.1234
430.03	0.029	197.9	0.0568	430.03	0.04	192.8	0.1234
430.07	0.029	198	0.0568	430.07	0.04	193	0.1243
430.10	0.029	198.1	0.0568	430.10	0.04	193.1	0.1243
430.13	0.028	198.2	0.0568	430.13	0.04	193.3	0.1252
430.17	0.028	198.3	0.0568	430.17	0.04	193.4	0.1252

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
430.20	0.027	198.3	0.0568	430.20	0.038	193.5	0.1252
430.23	0.027	198.3	0.0559	430.23	0.037	193.5	0.1234
430.27	0.027	198.4	0.055	430.27	0.037	193.5	0.1216
430.30	0.025	198.3	0.0524	430.30	0.036	193.5	0.1189
430.33	0.024	198.4	0.0515	430.33	0.033	193.4	0.1163
430.37	0.023	198.3	0.0488	430.37	0.032	193.4	0.1127
430.40	0.02	198.2	0.0488	430.40	0.029	193.2	0.1083
430.43	0.02	198.2	0.0462	430.43	0.025	193	0.1083
430.47	0.02	198.1	0.0444	430.47	0.024	193	0.1039
430.50	0.018	198	0.0417	430.50	0.024	192.9	0.1003
430.53	0.014	197.8	0.0373	430.53	0.022	192.6	0.095
430.57	0.014	197.7	0.0355	430.57	0.017	192.3	0.0888
430.60	0.012	197.5	0.032	430.60	0.016	192.1	0.0834
430.63	0.009	197.3	0.032	430.63	0.013	191.7	0.0763
430.67	0.007	197.3	0.0275	430.67	0.007	191.3	0.0763
430.70	0.007	197.2	0.0249	430.70	0.006	191.3	0.0675
430.73	0.006	197	0.0204	430.73	0.006	191	0.0621
430.78	0.002	196.7	0.016	430.77	0.004	190.6	0.055
430.82	0.002	196.6	0.0142	430.80	-0.002	190.1	0.047
430.83	0.001	196.3	0.0098	430.83	-0.004	189.8	0.0408
430.87	-0.003	196	0.0053	430.87	-0.006	189.3	0.0337
430.90	-0.004	195.8	0.0027	430.90	-0.011	188.8	0.0337
430.93	-0.005	195.6	-0.0009	430.93	-0.012	188.8	0.0249
430.97	-0.008	195.2	-0.0009	430.97	-0.012	188.5	0.0195
431.00	-0.009	195.2	-0.0053	431.00	-0.014	188	0.0124
431.03	-0.009	195	-0.008	431.03	-0.019	187.5	0.0053
431.07	-0.01	194.7	-0.0107	431.07	-0.019	187.2	0.0009
431.10	-0.012	194.5	-0.0133	431.10	-0.021	186.7	-0.0036
431.13	-0.013	194.2	-0.016	431.13	-0.024	186.3	-0.0036
431.17	-0.014	194	-0.0178	431.17	-0.025	186.3	-0.008
431.20	-0.016	193.8	-0.0178	431.22	-0.025	185.7	-0.0133
431.23	-0.016	193.6	-0.0204	431.25	-0.027	185.4	-0.0133
431.27	-0.016	193.6	-0.0213	431.27	-0.027	185.4	-0.016
431.30	-0.016	193.5	-0.0222	431.30	-0.027	185.1	-0.0178
431.33	-0.017	193.3	-0.0231	431.33	-0.028	184.9	-0.0195
431.37	-0.017	193.2	-0.024	431.37	-0.029	184.6	-0.0213
431.40	-0.017	193.1	-0.024	431.40	-0.029	184.4	-0.0213
431.43	-0.017	193	-0.024	431.43	-0.029	184.3	-0.0222
431.47	-0.017	192.9	-0.024	431.47	-0.028	184.2	-0.0222
431.50	-0.017	192.9	-0.024	431.50	-0.027	184.2	-0.0213
431.53	-0.016	192.8	-0.0231	431.53	-0.027	184.1	-0.0204
431.57	-0.015	192.8	-0.0222	431.57	-0.026	184.1	-0.0186
431.60	-0.014	192.8	-0.0213	431.60	-0.024	184.1	-0.0169
431.63	-0.014	192.8	-0.0195	431.63	-0.023	184.1	-0.0151
431.67	-0.012	192.9	-0.0178	431.67	-0.022	184.2	-0.0115
431.70	-0.01	192.9	-0.0178	431.70	-0.018	184.4	-0.0115
431.73	-0.01	192.9	-0.016	431.73	-0.017	184.4	-0.008
431.77	-0.01	193	-0.0142	431.77	-0.017	184.4	-0.0053
431.80	-0.008	193.1	-0.0115	431.80	-0.015	184.6	0
431.83	-0.005	193.2	-0.008	431.83	-0.01	184.9	0.0053
431.87	-0.004	193.3	-0.0053	431.87	-0.009	185.1	0.0098
431.90	-0.002	193.6	-0.0018	431.90	-0.007	185.4	0.016
431.93	0.001	193.7	-0.0018	431.93	-0.002	185.8	0.016
431.97	0.002	193.7	0.0018	431.97	0	186.1	0.0231
432.00	0.002	193.9	0.0053	432.00	0	186.1	0.0302
432.03	0.004	194.2	0.0089	432.03	0.002	186.4	0.0373
432.07	0.007	194.4	0.0133	432.07	0.008	187	0.0453
432.10	0.008	194.6	0.0169	432.10	0.01	187.3	0.0515
432.13	0.01	194.9	0.0213	432.13	0.012	187.7	0.0586
432.17	0.013	195.1	0.0213	432.17	0.017	188.2	0.0586
432.22	0.014	195.3	0.0284	432.20	0.019	188.5	0.0657
432.25	0.015	195.6	0.0311	432.23	0.019	188.5	0.0719
432.28	0.018	195.8	0.0311	432.27	0.021	188.9	0.079

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
432.30	0.019	195.8	0.0346	432.30	0.025	189.4	0.087
432.33	0.019	196	0.0382	432.33	0.027	189.8	0.0923
432.37	0.02	196.3	0.0417	432.37	0.029	190.1	0.0976
432.40	0.023	196.5	0.0444	432.40	0.032	190.6	0.0976
432.43	0.023	196.7	0.047	432.43	0.034	190.9	0.103
432.47	0.025	196.9	0.0497	432.47	0.034	190.9	0.1074
432.50	0.026	197.2	0.0497	432.50	0.035	191.3	0.1118
432.53	0.027	197.2	0.0515	432.53	0.037	191.6	0.1154
432.57	0.027	197.4	0.0533	432.57	0.038	191.9	0.1181
432.60	0.027	197.5	0.0541	432.60	0.039	192.2	0.1207
432.63	0.028	197.7	0.0559	432.65	0.04	192.4	0.1225
432.67	0.029	197.8	0.0568	432.68	0.04	192.7	0.1234
432.70	0.029	198	0.0568	432.70	0.04	192.9	0.1243
432.73	0.029	198.1	0.0568	432.73	0.04	193.1	0.1243
432.77	0.029	198.1	0.0568	432.77	0.04	193.2	0.1243
432.80	0.029	198.2	0.0568	432.80	0.04	193.2	0.1243
432.83	0.029	198.3	0.0568	432.83	0.04	193.3	0.1243
432.87	0.028	198.3	0.0559	432.87	0.039	193.4	0.1243
432.90	0.027	198.3	0.055	432.90	0.037	193.5	0.1225
432.93	0.026	198.4	0.0533	432.93	0.036	193.5	0.1198
432.97	0.024	198.3	0.0533	432.97	0.034	193.4	0.1172
433.00	0.023	198.3	0.0515	433.00	0.032	193.4	0.1172
433.03	0.023	198.3	0.0506	433.03	0.032	193.4	0.1145
433.07	0.022	198.3	0.0479	433.07	0.03	193.3	0.111
433.10	0.02	198.1	0.0453	433.10	0.028	193.1	0.1065
433.13	0.018	198.1	0.0435	433.13	0.024	192.9	0.103
433.17	0.017	198	0.0399	433.17	0.023	192.8	0.0976
433.20	0.014	197.8	0.0399	433.20	0.02	192.4	0.0914
433.23	0.013	197.6	0.0373	433.23	0.016	192.2	0.0914
433.27	0.013	197.6	0.0346	433.27	0.014	192.2	0.0852
433.30	0.011	197.5	0.0302	433.30	0.014	191.9	0.0808
433.33	0.009	197.2	0.0257	433.33	0.011	191.5	0.0737
433.37	0.006	197	0.0222	433.37	0.006	191.2	0.0657
433.40	0.005	196.9	0.0186	433.40	0.005	190.8	0.0595
433.43	0.002	196.6	0.0186	433.43	0.001	190.4	0.0515
433.47	0	196.4	0.0142	433.47	-0.003	190	0.0515
433.50	0	196.4	0.0115	433.50	-0.005	190	0.0444
433.53	-0.001	196.2	0.0071	433.53	-0.005	189.6	0.0382
433.57	-0.004	195.8	0.0027	433.57	-0.007	189.1	0.0302
433.60	-0.006	195.6	-0.0009	433.60	-0.012	188.6	0.0222
433.63	-0.007	195.3	-0.0044	433.63	-0.013	188.3	0.016
433.68	-0.009	195	-0.0071	433.67	-0.015	187.8	0.0098
433.72	-0.01	194.8	-0.0098	433.70	-0.019	187.3	0.0098
433.73	-0.011	194.6	-0.0115	433.73	-0.02	187.3	0.0036
433.77	-0.012	194.3	-0.0151	433.77	-0.02	187	-0.0009
433.80	-0.014	194.1	-0.0151	433.80	-0.022	186.5	-0.0053
433.83	-0.014	194.1	-0.0178	433.83	-0.025	186.1	-0.0107
433.87	-0.015	193.9	-0.0186	433.87	-0.025	185.8	-0.0133
433.90	-0.015	193.7	-0.0204	433.90	-0.026	185.4	-0.016
433.93	-0.016	193.5	-0.0222	433.93	-0.028	185.1	-0.016
433.97	-0.017	193.3	-0.0231	433.97	-0.028	185.1	-0.0186
434.00	-0.017	193.2	-0.0231	434.00	-0.028	184.9	-0.0195
434.03	-0.017	193.1	-0.0231	434.03	-0.029	184.7	-0.0213
434.07	-0.017	193.1	-0.024	434.07	-0.029	184.5	-0.0213
434.10	-0.017	193	-0.024	434.12	-0.029	184.4	-0.0222
434.13	-0.017	192.9	-0.024	434.15	-0.029	184.2	-0.0222
434.17	-0.017	192.8	-0.0231	434.17	-0.028	184.1	-0.0213
434.20	-0.016	192.8	-0.0231	434.20	-0.027	184.1	-0.0204
434.23	-0.015	192.8	-0.0213	434.23	-0.026	184.1	-0.0186
434.27	-0.014	192.8	-0.0213	434.27	-0.023	184.1	-0.0186
434.30	-0.013	192.8	-0.0204	434.30	-0.023	184.1	-0.016
434.33	-0.013	192.8	-0.0186	434.33	-0.023	184.1	-0.0133
434.37	-0.012	192.9	-0.0169	434.37	-0.021	184.3	-0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
434.40	-0.01	192.9	-0.0151	434.40	-0.017	184.4	-0.0071
434.43	-0.009	193	-0.0124	434.43	-0.016	184.5	-0.0027
434.47	-0.007	193.2	-0.0098	434.47	-0.014	184.7	0.0018
434.50	-0.004	193.3	-0.0098	434.50	-0.009	185	0.0018
434.53	-0.003	193.3	-0.0062	434.53	-0.008	185	0.0071
434.57	-0.003	193.4	-0.0036	434.57	-0.008	185.2	0.0115
434.60	-0.002	193.6	0	434.60	-0.006	185.5	0.0186
434.63	0.002	193.8	0.0036	434.63	0	185.9	0.0275
434.67	0.003	194	0.0071	434.67	0.002	186.2	0.0328
434.70	0.004	194.2	0.0115	434.70	0.004	186.6	0.0399
434.73	0.008	194.5	0.0115	434.73	0.009	187.1	0.0399
434.77	0.009	194.5	0.016	434.77	0.011	187.4	0.0479
434.80	0.009	194.6	0.0186	434.80	0.011	187.4	0.0533
434.83	0.011	194.9	0.0231	434.83	0.013	187.8	0.0612
434.87	0.014	195.1	0.0275	434.87	0.018	188.3	0.0692
434.90	0.015	195.4	0.0311	434.90	0.02	188.7	0.0746
434.93	0.017	195.7	0.0346	434.93	0.022	189	0.0826
434.97	0.02	196	0.0346	434.97	0.026	189.6	0.0826
435.00	0.021	196	0.0382	435.00	0.028	189.9	0.0897
435.03	0.021	196.2	0.0408	435.03	0.028	189.9	0.0941
435.07	0.022	196.4	0.0444	435.07	0.03	190.3	0.1003
435.10	0.024	196.7	0.047	435.10	0.033	190.7	0.1065
435.15	0.025	196.9	0.0488	435.13	0.035	191.1	0.1101
435.18	0.025	197	0.0506	435.17	0.035	191.4	0.1136
435.20	0.027	197.3	0.0524	435.20	0.037	191.8	0.1136
435.23	0.027	197.4	0.0541	435.23	0.039	192	0.1172
435.27	0.028	197.6	0.055	435.27	0.039	192	0.1189
435.30	0.028	197.8	0.055	435.30	0.039	192.3	0.1216
435.33	0.029	197.9	0.0559	435.33	0.04	192.5	0.1234
435.37	0.029	197.9	0.0568	435.37	0.04	192.8	0.1243
435.40	0.029	198	0.0568	435.40	0.04	192.9	0.1252
435.43	0.029	198.1	0.0577	435.43	0.04	193.1	0.1252
435.47	0.029	198.2	0.0568	435.47	0.04	193.2	0.1252
435.50	0.028	198.3	0.0568	435.50	0.039	193.2	0.1252
435.53	0.027	198.3	0.0568	435.55	0.038	193.4	0.1234
435.57	0.026	198.3	0.0559	435.58	0.037	193.5	0.1234
435.60	0.026	198.3	0.0541	435.62	0.036	193.5	0.1225
435.63	0.026	198.4	0.0533	435.63	0.036	193.5	0.1198
435.67	0.025	198.3	0.0515	435.67	0.034	193.4	0.1163
435.70	0.022	198.3	0.0497	435.70	0.031	193.3	0.1136
435.73	0.022	198.2	0.0479	435.73	0.03	193.2	0.1101
435.77	0.02	198.1	0.0453	435.77	0.027	193	0.1056
435.80	0.017	198	0.0453	435.80	0.023	192.8	0.1056
435.83	0.016	198	0.0426	435.83	0.022	192.8	0.1003
435.87	0.016	197.9	0.0399	435.87	0.022	192.7	0.0959
435.90	0.015	197.7	0.0364	435.90	0.019	192.3	0.0905
435.93	0.011	197.5	0.0328	435.93	0.014	192	0.0834
435.97	0.011	197.4	0.0302	435.97	0.013	191.8	0.0781
436.00	0.009	197.2	0.0249	436.00	0.01	191.4	0.071
436.03	0.005	196.9	0.0249	436.03	0.004	191	0.071
436.07	0.004	196.9	0.0204	436.07	0.003	191	0.063
436.10	0.004	196.8	0.0178	436.10	0.003	190.7	0.0568
436.13	0.003	196.5	0.0133	436.13	0.001	190.2	0.0488
436.17	-0.001	196.2	0.0089	436.17	-0.004	189.7	0.0417
436.20	-0.002	196	0.0062	436.20	-0.006	189.4	0.0355
436.23	-0.003	195.8	0.0018	436.23	-0.008	188.9	0.0284
436.27	-0.007	195.4	0.0018	436.27	-0.013	188.4	0.0284
436.30	-0.007	195.4	-0.0027	436.30	-0.014	188.4	0.0195
436.33	-0.007	195.2	-0.0053	436.33	-0.014	188.1	0.0142
436.37	-0.009	194.9	-0.0089	436.37	-0.016	187.6	0.008
436.40	-0.012	194.6	-0.0115	436.40	-0.02	187.1	0.0018
436.43	-0.012	194.4	-0.0133	436.43	-0.021	186.7	-0.0018
436.47	-0.013	194.2	-0.016	436.47	-0.023	186.3	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
436.50	-0.015	194	-0.016	436.50	-0.026	185.9	-0.0062
436.53	-0.015	194	-0.0186	436.53	-0.026	185.9	-0.0107
436.58	-0.016	193.6	-0.0204	436.57	-0.026	185.7	-0.0124
436.62	-0.016	193.4	-0.0204	436.60	-0.027	185.3	-0.0151
436.63	-0.017	193.4	-0.0222	436.63	-0.028	185	-0.0178
436.67	-0.017	193.3	-0.0231	436.67	-0.028	184.8	-0.0186
436.70	-0.017	193.2	-0.024	436.70	-0.029	184.6	-0.0195
436.73	-0.017	193	-0.024	436.73	-0.029	184.4	-0.0195
436.77	-0.017	192.9	-0.024	436.77	-0.028	184.4	-0.0204
436.80	-0.017	192.8	-0.024	436.80	-0.028	184.3	-0.0204
436.83	-0.016	192.8	-0.024	436.83	-0.028	184.2	-0.0195
436.87	-0.015	192.8	-0.0231	436.87	-0.027	184.1	-0.0186
436.90	-0.015	192.8	-0.0222	436.90	-0.026	184.1	-0.0169
436.93	-0.015	192.7	-0.0213	436.93	-0.025	184.1	-0.0151
436.97	-0.014	192.8	-0.0195	436.97	-0.022	184.2	-0.0151
437.00	-0.012	192.8	-0.0186	437.02	-0.021	184.2	-0.0107
437.03	-0.011	192.8	-0.016	437.05	-0.02	184.3	-0.008
437.07	-0.009	193	-0.016	437.07	-0.017	184.5	-0.008
437.10	-0.008	193	-0.0142	437.10	-0.015	184.5	-0.0044
437.13	-0.008	193	-0.0115	437.13	-0.015	184.6	0
437.17	-0.007	193.1	-0.0089	437.17	-0.013	184.8	0.0053
437.20	-0.004	193.3	-0.0053	437.20	-0.008	185.1	0.0107
437.23	-0.002	193.5	-0.0027	437.23	-0.007	185.3	0.016
437.27	-0.001	193.6	0.0009	437.27	-0.004	185.7	0.0231
437.30	0.002	193.9	0.0009	437.30	0.001	186.1	0.0231
437.33	0.004	194	0.0053	437.33	0.003	186.1	0.0311
437.37	0.004	194	0.008	437.37	0.003	186.4	0.0373
437.40	0.005	194.2	0.0124	437.40	0.005	186.8	0.0453
437.43	0.009	194.5	0.0169	437.43	0.011	187.3	0.0533
437.47	0.011	194.7	0.0204	437.47	0.012	187.6	0.0577
437.50	0.012	194.9	0.024	437.50	0.014	188.1	0.0657
437.53	0.014	195.2	0.024	437.53	0.02	188.5	0.0657
437.57	0.017	195.5	0.0284	437.57	0.021	188.5	0.0737
437.60	0.017	195.5	0.032	437.60	0.021	188.9	0.079
437.63	0.017	195.7	0.0355	437.63	0.023	189.3	0.0861
437.67	0.019	196	0.0391	437.67	0.028	189.7	0.0941
437.70	0.022	196.3	0.0426	437.70	0.029	190.1	0.0985
437.73	0.022	196.5	0.0453	437.73	0.03	190.5	0.1039
437.77	0.024	196.7	0.0479	437.77	0.034	190.9	0.1039
437.80	0.026	197	0.0479	437.80	0.035	190.9	0.1092
437.83	0.026	197	0.0497	437.83	0.035	191.2	0.1127
437.87	0.026	197.1	0.0515	437.87	0.036	191.5	0.1163
437.90	0.027	197.4	0.0541	437.90	0.039	191.9	0.1198
437.93	0.028	197.5	0.055	437.93	0.039	192.1	0.1216
437.97	0.028	197.7	0.055	437.97	0.04	192.4	0.1234
438.00	0.029	197.8	0.0559	438.00	0.04	192.6	0.1234
438.05	0.029	197.9	0.0568	438.03	0.04	192.8	0.1252
438.08	0.029	198.1	0.0568	438.07	0.04	192.8	0.126
438.10	0.029	198.2	0.0568	438.10	0.04	193	0.126
438.13	0.029	198.3	0.0568	438.13	0.04	193.2	0.126
438.17	0.028	198.3	0.0568	438.17	0.04	193.3	0.126
438.20	0.028	198.3	0.0568	438.20	0.039	193.4	0.1243
438.23	0.027	198.4	0.055	438.23	0.037	193.4	0.1243
438.27	0.026	198.4	0.0541	438.27	0.035	193.4	0.1225
438.30	0.025	198.4	0.0524	438.30	0.035	193.4	0.1207
438.33	0.024	198.3	0.0506	438.33	0.034	193.4	0.1181
438.37	0.022	198.2	0.0506	438.37	0.032	193.2	0.1145
438.40	0.021	198.2	0.0488	438.40	0.029	193.1	0.111
438.43	0.021	198.2	0.047	438.45	0.027	193	0.1065
438.47	0.02	198.1	0.0435	438.48	0.026	192.9	0.1047
438.50	0.017	198	0.0408	438.52	0.022	192.7	0.0994
438.53	0.015	197.8	0.0382	438.53	0.021	192.5	0.0932
438.57	0.014	197.7	0.0346	438.57	0.017	192.1	0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
438.60	0.01	197.5	0.0346	438.60	0.013	191.9	0.087
438.63	0.01	197.5	0.0311	438.63	0.013	191.9	0.0808
438.67	0.01	197.3	0.0284	438.67	0.012	191.6	0.0746
438.70	0.008	197.1	0.0231	438.70	0.008	191.1	0.0675
438.73	0.004	196.9	0.0186	438.73	0.004	190.8	0.0604
438.77	0.003	196.7	0.016	438.77	0.002	190.4	0.0533
438.80	0.002	196.5	0.0124	438.80	-0.001	189.9	0.0462
438.83	-0.002	196.1	0.0124	438.83	-0.006	189.5	0.0462
438.87	-0.003	196.1	0.008	438.87	-0.006	189.5	0.0391
438.90	-0.003	195.9	0.0044	438.90	-0.007	189.2	0.032
438.93	-0.004	195.7	0	438.93	-0.01	188.6	0.024
438.97	-0.007	195.3	-0.0036	438.97	-0.014	188.2	0.0169
439.00	-0.009	195.1	-0.0062	439.00	-0.015	187.8	0.0124
439.03	-0.01	194.8	-0.0098	439.03	-0.017	187.4	0.0062
439.07	-0.012	194.6	-0.0098	439.07	-0.021	186.9	0.0062
439.10	-0.013	194.3	-0.0124	439.10	-0.022	186.9	0
439.13	-0.013	194.3	-0.0151	439.13	-0.022	186.5	-0.0036
439.17	-0.014	194.1	-0.0169	439.17	-0.024	186.1	-0.008
439.20	-0.015	193.9	-0.0195	439.20	-0.026	185.7	-0.0124
439.23	-0.016	193.7	-0.0213	439.23	-0.026	185.5	-0.0142
439.27	-0.016	193.5	-0.0222	439.27	-0.027	185.1	-0.0169
439.30	-0.017	193.4	-0.0222	439.30	-0.029	184.9	-0.0169
439.33	-0.017	193.2	-0.0231	439.33	-0.028	184.9	-0.0186
439.37	-0.017	193.2	-0.0231	439.37	-0.028	184.7	-0.0195
439.40	-0.017	193.1	-0.024	439.40	-0.029	184.5	-0.0204
439.43	-0.017	193	-0.024	439.43	-0.029	184.3	-0.0213
439.48	-0.017	192.9	-0.024	439.47	-0.028	184.2	-0.0204
439.52	-0.017	192.8	-0.024	439.50	-0.028	184.1	-0.0195
439.55	-0.016	192.8	-0.0231	439.53	-0.026	184.1	-0.0195
439.57	-0.015	192.8	-0.0222	439.57	-0.025	184.1	-0.0178
439.60	-0.014	192.7	-0.0204	439.60	-0.025	184	-0.0169
439.63	-0.013	192.8	-0.0204	439.63	-0.024	184.1	-0.0142
439.67	-0.012	192.8	-0.0195	439.67	-0.021	184.2	-0.0115
439.70	-0.012	192.8	-0.0178	439.70	-0.02	184.2	-0.0089
439.73	-0.011	192.8	-0.016	439.73	-0.018	184.4	-0.0053
439.77	-0.009	193	-0.0133	439.77	-0.014	184.6	-0.0053
439.80	-0.007	193.1	-0.0107	439.80	-0.013	184.6	-0.0009
439.83	-0.006	193.2	-0.0071	439.83	-0.013	184.8	0.0036
439.87	-0.004	193.4	-0.0044	439.87	-0.011	185.1	0.0089
439.90	-0.001	193.6	-0.0044	439.92	-0.005	185.4	0.016
439.93	0	193.6	-0.0009	439.95	-0.005	185.6	0.0195
439.97	0	193.7	0.0027	439.97	-0.003	185.9	0.0257
440.00	0.002	193.9	0.0062	440.00	0.002	186.2	0.0337
440.03	0.005	194.2	0.0098	440.03	0.004	186.5	0.0391
440.07	0.006	194.3	0.0133	440.07	0.007	187	0.0479
440.10	0.008	194.6	0.0178	440.10	0.012	187.5	0.0479
440.13	0.012	194.8	0.0178	440.13	0.013	187.5	0.055
440.17	0.012	194.8	0.0222	440.17	0.013	187.8	0.0604
440.20	0.012	195	0.0249	440.20	0.016	188.2	0.0683
440.23	0.014	195.4	0.0302	440.23	0.021	188.7	0.0763
440.27	0.018	195.7	0.0346	440.27	0.022	189.1	0.0817
440.30	0.019	195.9	0.0373	440.30	0.024	189.5	0.0888
440.33	0.02	196.1	0.0399	440.33	0.029	189.9	0.0888
440.37	0.022	196.4	0.0399	440.37	0.03	189.9	0.0959
440.40	0.023	196.4	0.0435	440.40	0.03	190.3	0.1003
440.43	0.023	196.6	0.0453	440.43	0.032	190.7	0.1056
440.47	0.024	196.8	0.0488	440.47	0.035	191.1	0.111
440.50	0.026	197	0.0506	440.50	0.036	191.4	0.1136
440.53	0.027	197.2	0.0524	440.53	0.037	191.7	0.1172
440.57	0.027	197.4	0.0541	440.57	0.039	192	0.1172
440.60	0.028	197.6	0.0541	440.60	0.039	192	0.1207
440.63	0.028	197.6	0.055	440.63	0.039	192.3	0.1216
440.67	0.028	197.7	0.0559	440.67	0.04	192.5	0.1234

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
440.70	0.029	197.9	0.0568	440.70	0.04	192.7	0.1252
440.73	0.029	198	0.0568	440.73	0.04	192.9	0.1252
440.77	0.029	198.1	0.0568	440.77	0.04	193.1	0.1252
440.80	0.029	198.2	0.0568	440.80	0.04	193.2	0.1252
440.83	0.028	198.3	0.0568	440.83	0.04	193.3	0.1252
440.87	0.027	198.3	0.0568	440.87	0.04	193.3	0.1252
440.90	0.027	198.3	0.0559	440.90	0.038	193.4	0.1225
440.95	0.025	198.3	0.0541	440.93	0.036	193.3	0.1207
440.98	0.025	198.3	0.0533	440.97	0.034	193.4	0.1189
441.00	0.025	198.3	0.0524	441.00	0.033	193.4	0.1154
441.03	0.023	198.3	0.0497	441.03	0.03	193.2	0.1154
441.07	0.021	198.2	0.0479	441.07	0.028	193.1	0.1118
441.10	0.02	198.1	0.0453	441.10	0.028	193.1	0.1092
441.13	0.019	198.1	0.0426	441.13	0.026	193	0.1047
441.17	0.016	197.9	0.0426	441.17	0.023	192.7	0.0994
441.20	0.014	197.8	0.0399	441.20	0.02	192.5	0.0941
441.23	0.014	197.8	0.0373	441.23	0.018	192.3	0.0879
441.27	0.013	197.6	0.0337	441.27	0.014	191.9	0.0879
441.30	0.01	197.4	0.0293	441.30	0.011	191.6	0.0808
441.33	0.008	197.2	0.0257	441.33	0.011	191.6	0.0754
441.37	0.007	197	0.0222	441.38	0.006	190.9	0.0683
441.40	0.004	196.8	0.0222	441.42	0.003	190.6	0.0639
441.43	0.002	196.5	0.0178	441.43	0.003	190.6	0.0577
441.47	0.002	196.5	0.0142	441.47	0.001	190.3	0.0497
441.50	0.001	196.3	0.0107	441.50	-0.003	189.7	0.0417
441.53	-0.002	196	0.0062	441.53	-0.007	189.3	0.0346
441.57	-0.004	195.8	0.0027	441.57	-0.008	188.9	0.0284
441.60	-0.005	195.6	-0.0009	441.60	-0.012	188.4	0.0195
441.63	-0.007	195.2	-0.0009	441.63	-0.015	187.9	0.0195
441.67	-0.01	194.9	-0.0044	441.67	-0.015	187.9	0.0133
441.70	-0.01	194.9	-0.008	441.70	-0.016	187.6	0.008
441.73	-0.01	194.7	-0.0107	441.73	-0.019	187.1	0.0027
441.77	-0.012	194.4	-0.0133	441.77	-0.022	186.7	-0.0027
441.80	-0.014	194.2	-0.016	441.80	-0.022	186.4	-0.0071
441.83	-0.014	194	-0.0178	441.83	-0.025	185.9	-0.0107
441.87	-0.015	193.8	-0.0195	441.87	-0.027	185.6	-0.0107
441.90	-0.016	193.6	-0.0195	441.90	-0.027	185.6	-0.0142
441.93	-0.017	193.6	-0.0213	441.93	-0.027	185.3	-0.016
441.97	-0.017	193.5	-0.0222	441.97	-0.028	185	-0.0186
442.00	-0.017	193.3	-0.0231	442.00	-0.029	184.8	-0.0204
442.03	-0.017	193.1	-0.024	442.03	-0.029	184.6	-0.0204
442.07	-0.017	193	-0.024	442.07	-0.029	184.4	-0.0213
442.10	-0.017	192.9	-0.024	442.10	-0.028	184.3	-0.0213
442.13	-0.017	192.9	-0.024	442.13	-0.028	184.3	-0.0213
442.17	-0.016	192.9	-0.024	442.17	-0.028	184.2	-0.0213
442.20	-0.016	192.8	-0.0231	442.20	-0.027	184.1	-0.0204
442.23	-0.016	192.8	-0.0222	442.23	-0.026	184.1	-0.0186
442.27	-0.014	192.8	-0.0204	442.27	-0.025	184.1	-0.0169
442.30	-0.014	192.8	-0.0195	442.30	-0.023	184.2	-0.0133
442.33	-0.013	192.8	-0.0178	442.33	-0.02	184.3	-0.0133
442.38	-0.01	192.9	-0.016	442.37	-0.019	184.3	-0.0115
442.42	-0.01	192.9	-0.0151	442.40	-0.019	184.3	-0.008
442.45	-0.009	193	-0.0124	442.43	-0.017	184.5	-0.0036
442.47	-0.006	193.2	-0.0124	442.47	-0.013	184.7	0.0009
442.50	-0.005	193.2	-0.0098	442.50	-0.012	184.9	0.0044
442.53	-0.005	193.3	-0.0062	442.53	-0.009	185.2	0.0107
442.57	-0.003	193.5	-0.0027	442.57	-0.005	185.5	0.0107
442.60	0	193.6	0.0009	442.60	-0.003	185.5	0.0169
442.63	0.001	193.8	0.0036	442.63	-0.003	185.7	0.0231
442.67	0.003	194	0.008	442.67	0	186.2	0.032
442.70	0.007	194.2	0.008	442.70	0.005	186.6	0.0391
442.73	0.007	194.2	0.0124	442.73	0.007	186.8	0.0453
442.77	0.007	194.4	0.0151	442.77	0.01	187.4	0.0524

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
442.80	0.009	194.7	0.0195	442.82	0.015	187.8	0.0595
442.83	0.013	194.9	0.0231	442.85	0.015	188	0.0639
442.87	0.014	195.1	0.0275	442.88	0.017	188.5	0.071
442.90	0.015	195.4	0.0311	442.90	0.022	188.9	0.071
442.93	0.018	195.7	0.0311	442.93	0.024	188.9	0.0781
442.97	0.019	195.7	0.0355	442.97	0.024	189.3	0.0834
443.00	0.019	195.9	0.0382	443.00	0.026	189.7	0.0905
443.03	0.02	196.2	0.0417	443.03	0.03	190.1	0.0968
443.07	0.023	196.4	0.0444	443.07	0.031	190.5	0.1012
443.10	0.024	196.7	0.047	443.10	0.032	190.9	0.1065
443.13	0.024	196.9	0.0497	443.13	0.036	191.2	0.1065
443.17	0.026	197.1	0.0497	443.17	0.036	191.2	0.1118
443.20	0.027	197.3	0.0524	443.20	0.036	191.5	0.1145
443.23	0.027	197.3	0.0533	443.23	0.037	191.9	0.1181
443.27	0.027	197.4	0.055	443.27	0.04	192.1	0.1207
443.30	0.028	197.6	0.0559	443.30	0.039	192.4	0.1216
443.33	0.029	197.8	0.0568	443.33	0.04	192.6	0.1234
443.37	0.029	197.9	0.0568	443.37	0.04	192.8	0.1234
443.40	0.029	198	0.0568	443.40	0.04	192.8	0.1243
443.43	0.029	198.1	0.0568	443.43	0.04	193	0.1243
443.47	0.029	198.1	0.0568	443.47	0.04	193.1	0.1243
443.50	0.028	198.2	0.0568	443.50	0.04	193.3	0.1243
443.53	0.028	198.2	0.0559	443.53	0.039	193.4	0.1225
443.57	0.027	198.3	0.055	443.57	0.038	193.4	0.1207
443.60	0.026	198.3	0.0541	443.60	0.035	193.3	0.1207
443.63	0.025	198.3	0.0524	443.63	0.034	193.3	0.1181
443.67	0.023	198.2	0.0524	443.67	0.034	193.3	0.1163
443.70	0.022	198.2	0.0506	443.70	0.033	193.3	0.1127
443.73	0.022	198.2	0.0488	443.73	0.029	193.1	0.1092
443.77	0.021	198.1	0.0462	443.77	0.027	193	0.1056
443.80	0.018	198	0.0435	443.80	0.025	192.9	0.1003
443.85	0.017	197.9	0.0417	443.83	0.021	192.6	0.1003
443.88	0.017	197.8	0.0391	443.87	0.019	192.4	0.095
443.90	0.013	197.7	0.0364	443.90	0.019	192.4	0.0905
443.93	0.012	197.5	0.0328	443.93	0.017	192.1	0.0834
443.97	0.011	197.3	0.0284	443.97	0.012	191.7	0.0772
444.00	0.007	197.1	0.0284	444.00	0.01	191.4	0.071
444.03	0.006	197.1	0.024	444.03	0.007	191.1	0.063
444.07	0.006	196.9	0.0213	444.07	0.003	190.6	0.063
444.10	0.004	196.7	0.0169	444.10	0	190.2	0.055
444.13	0.001	196.4	0.0124	444.13	0	190.2	0.0488
444.17	-0.001	196.2	0.0098	444.17	-0.002	189.9	0.0417
444.20	-0.002	196	0.0053	444.20	-0.006	189.3	0.0346
444.23	-0.005	195.7	0.0053	444.23	-0.009	188.9	0.0275
444.27	-0.006	195.7	0.0018	444.28	-0.011	188.6	0.0195
444.30	-0.006	195.4	-0.0018	444.32	-0.013	188.1	0.016
444.33	-0.007	195.1	-0.0053	444.33	-0.016	187.7	0.0098
444.37	-0.01	194.8	-0.0089	444.37	-0.017	187.4	0.0044
444.40	-0.011	194.6	-0.0115	444.40	-0.02	186.8	-0.0018
444.43	-0.012	194.4	-0.0142	444.43	-0.023	186.4	-0.0018
444.47	-0.014	194.1	-0.0142	444.47	-0.024	186.4	-0.0071
444.50	-0.014	194.1	-0.0169	444.50	-0.024	186.1	-0.0098
444.53	-0.014	193.9	-0.0186	444.53	-0.025	185.7	-0.0133
444.57	-0.016	193.7	-0.0204	444.57	-0.027	185.4	-0.0169
444.60	-0.016	193.5	-0.0222	444.60	-0.027	185.1	-0.0186
444.63	-0.017	193.4	-0.0222	444.63	-0.028	184.9	-0.0213
444.67	-0.017	193.2	-0.0231	444.67	-0.029	184.6	-0.0213
444.70	-0.017	193.1	-0.0231	444.70	-0.029	184.6	-0.0222
444.73	-0.017	193	-0.024	444.73	-0.029	184.4	-0.0231
444.77	-0.017	193	-0.024	444.77	-0.029	184.3	-0.0231
444.80	-0.017	192.9	-0.024	444.80	-0.028	184.1	-0.0231
444.83	-0.017	192.8	-0.0231	444.83	-0.028	184	-0.0222
444.87	-0.016	192.8	-0.0231	444.87	-0.027	184	-0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
444.90	-0.015	192.7	-0.0213	444.90	-0.025	184	-0.0213
444.93	-0.014	192.8	-0.0213	444.93	-0.024	184	-0.0195
444.97	-0.013	192.8	-0.0204	444.97	-0.024	184	-0.0178
445.00	-0.013	192.8	-0.0186	445.00	-0.023	184.1	-0.0151
445.03	-0.012	192.8	-0.0169	445.03	-0.019	184.2	-0.0115
445.07	-0.01	192.9	-0.0151	445.07	-0.018	184.3	-0.0089
445.10	-0.008	193	-0.0124	445.10	-0.016	184.5	-0.0044
445.13	-0.007	193.1	-0.0098	445.13	-0.012	184.8	-0.0044
445.17	-0.005	193.3	-0.0071	445.17	-0.01	184.8	0.0009
445.20	-0.003	193.4	-0.0071	445.20	-0.01	184.9	0.0053
445.23	-0.003	193.4	-0.0036	445.23	-0.008	185.3	0.0115
445.27	-0.002	193.5	0	445.27	-0.003	185.6	0.0186
445.32	0.002	193.9	0.0036	445.30	-0.002	185.8	0.0249
445.35	0.004	193.9	0.0053	445.33	0.001	186.3	0.0328
445.37	0.004	194.1	0.0089	445.37	0.007	186.7	0.0328
445.40	0.005	194.3	0.0124	445.40	0.008	186.7	0.0408
445.43	0.009	194.6	0.0169	445.43	0.008	187	0.047
445.47	0.01	194.7	0.0204	445.47	0.011	187.5	0.0541
445.50	0.012	195	0.024	445.50	0.016	187.9	0.0621
445.53	0.015	195.3	0.024	445.53	0.017	188.3	0.0675
445.57	0.016	195.3	0.0302	445.57	0.02	188.8	0.0746
445.60	0.016	195.5	0.0328	445.60	0.025	189.2	0.0746
445.63	0.017	195.8	0.0364	445.63	0.025	189.2	0.0826
445.67	0.02	196.1	0.0399	445.67	0.025	189.5	0.0879
445.70	0.021	196.3	0.0417	445.72	0.031	190.3	0.095
445.73	0.022	196.6	0.0453	445.75	0.032	190.3	0.0985
445.77	0.025	196.8	0.0453	445.78	0.032	190.6	0.103
445.80	0.025	196.8	0.0479	445.80	0.033	191	0.1074
445.83	0.025	196.9	0.0506	445.83	0.036	191.4	0.1118
445.87	0.026	197.1	0.0524	445.87	0.037	191.7	0.1145
445.90	0.027	197.4	0.0541	445.90	0.038	192	0.1172
445.93	0.027	197.5	0.055	445.93	0.039	192.3	0.1172
445.97	0.028	197.7	0.0559	445.97	0.04	192.3	0.1198
446.00	0.029	197.8	0.0559	446.00	0.04	192.5	0.1216
446.03	0.029	197.8	0.0568	446.03	0.04	192.7	0.1225
446.07	0.029	197.9	0.0568	446.07	0.04	192.9	0.1234
446.10	0.029	198.1	0.0568	446.10	0.04	193	0.1234
446.13	0.029	198.2	0.0568	446.13	0.04	193.2	0.1234
446.17	0.028	198.3	0.0568	446.17	0.04	193.3	0.1234
446.20	0.028	198.3	0.0559	446.20	0.038	193.3	0.1234
446.23	0.026	198.3	0.0559	446.23	0.038	193.4	0.1216
446.27	0.026	198.3	0.055	446.27	0.037	193.4	0.1189
446.30	0.026	198.3	0.0533	446.30	0.034	193.3	0.1163
446.33	0.025	198.3	0.0515	446.33	0.033	193.3	0.1145
446.37	0.023	198.2	0.0488	446.37	0.032	193.2	0.111
446.40	0.021	198.2	0.047	446.40	0.028	193	0.111
446.43	0.02	198.1	0.0453	446.43	0.026	192.9	0.1065
446.47	0.018	197.9	0.0453	446.47	0.026	192.9	0.103
446.50	0.016	197.9	0.0426	446.50	0.024	192.8	0.0985
446.53	0.016	197.8	0.0399	446.53	0.02	192.5	0.0923
446.57	0.015	197.7	0.0364	446.57	0.018	192.2	0.087
446.60	0.011	197.5	0.0328	446.60	0.016	192	0.0808
446.63	0.011	197.4	0.0302	446.63	0.011	191.5	0.0808
446.67	0.009	197.2	0.0249	446.67	0.008	191.2	0.0728
446.70	0.005	196.9	0.0249	446.70	0.008	191.2	0.0675
446.75	0.004	196.7	0.0186	446.73	0.006	190.9	0.0595
446.78	0.003	196.6	0.0151	446.77	0.001	190.4	0.0515
446.82	0	196.3	0.0151	446.80	-0.001	190.1	0.0462
446.83	-0.001	196.3	0.0107	446.83	-0.003	189.7	0.0382
446.87	-0.001	196.1	0.008	446.87	-0.007	189.2	0.0382
446.90	-0.002	195.9	0.0036	446.90	-0.01	188.7	0.0311
446.93	-0.006	195.5	-0.0009	446.93	-0.01	188.7	0.0231
446.97	-0.007	195.2	-0.0027	446.97	-0.012	188.4	0.0169

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
447.00	-0.008	195	-0.0071	447.00	-0.015	187.8	0.0098
447.03	-0.011	194.7	-0.0071	447.03	-0.018	187.4	0.0044
447.07	-0.012	194.5	-0.0107	447.07	-0.019	187.1	-0.0009
447.10	-0.012	194.5	-0.0133	447.10	-0.022	186.5	-0.0009
447.13	-0.013	194.3	-0.0151	447.13	-0.024	186.2	-0.0062
447.17	-0.014	194	-0.0178	447.18	-0.025	185.9	-0.0124
447.20	-0.015	193.8	-0.0195	447.22	-0.025	185.6	-0.0124
447.23	-0.016	193.6	-0.0213	447.23	-0.027	185.3	-0.0151
447.27	-0.016	193.4	-0.0213	447.27	-0.027	185.3	-0.0178
447.30	-0.017	193.3	-0.0222	447.30	-0.028	185	-0.0204
447.33	-0.017	193.3	-0.0231	447.33	-0.028	184.8	-0.0213
447.37	-0.017	193.1	-0.024	447.37	-0.029	184.5	-0.0231
447.40	-0.017	193	-0.024	447.40	-0.029	184.4	-0.0231
447.43	-0.017	192.9	-0.024	447.43	-0.028	184.2	-0.0231
447.47	-0.017	192.8	-0.024	447.47	-0.028	184.1	-0.0231
447.50	-0.016	192.8	-0.0231	447.50	-0.027	184.1	-0.0231
447.53	-0.015	192.8	-0.0231	447.53	-0.027	184	-0.0222
447.57	-0.015	192.8	-0.0222	447.57	-0.027	184	-0.0204
447.60	-0.015	192.7	-0.0213	447.60	-0.024	184	-0.0186
447.63	-0.014	192.8	-0.0195	447.63	-0.023	184	-0.0169
447.67	-0.012	192.8	-0.0186	447.67	-0.022	184.1	-0.0133
447.70	-0.011	192.8	-0.0169	447.70	-0.018	184.3	-0.0133
447.73	-0.01	192.9	-0.0142	447.73	-0.017	184.3	-0.0098
447.77	-0.007	193	-0.0142	447.77	-0.017	184.4	-0.0071
447.80	-0.006	193	-0.0115	447.80	-0.015	184.6	-0.0027
447.83	-0.006	193.1	-0.0089	447.83	-0.01	184.8	0.0027
447.87	-0.005	193.3	-0.0062	447.87	-0.009	185	0.008
447.90	-0.002	193.4	-0.0027	447.90	-0.007	185.3	0.0142
447.93	-0.001	193.6	0.0009	447.93	-0.001	185.7	0.0142
447.97	0.001	193.8	0.0044	447.97	0	185.7	0.0213
448.00	0.005	194	0.0044	448.00	0	186	0.0284
448.03	0.005	194	0.0089	448.03	0.002	186.4	0.0355
448.07	0.005	194.2	0.0115	448.07	0.008	186.8	0.0435
448.10	0.007	194.5	0.016	448.10	0.01	187.2	0.0497
448.13	0.011	194.7	0.0204	448.13	0.012	187.6	0.0568
448.17	0.012	194.9	0.024	448.17	0.017	188.1	0.0568
448.22	0.014	195.2	0.0293	448.20	0.019	188.1	0.0648
448.25	0.015	195.4	0.0311	448.23	0.019	188.4	0.071
448.27	0.017	195.7	0.0346	448.27	0.021	188.8	0.0781
448.30	0.018	195.9	0.0382	448.30	0.025	189.3	0.0852
448.33	0.021	196.2	0.0382	448.33	0.027	189.7	0.0905
448.37	0.022	196.2	0.0417	448.37	0.029	190.1	0.0968
448.40	0.022	196.4	0.0435	448.40	0.032	190.5	0.0968
448.43	0.023	196.6	0.0462	448.43	0.034	190.8	0.103
448.47	0.025	196.8	0.0488	448.47	0.034	190.8	0.1065
448.50	0.026	197	0.0506	448.50	0.035	191.2	0.111
448.53	0.026	197.2	0.0524	448.53	0.037	191.6	0.1145
448.57	0.028	197.4	0.0524	448.57	0.038	191.9	0.1172
448.60	0.028	197.4	0.0541	448.60	0.039	192.1	0.1198
448.63	0.028	197.6	0.055	448.65	0.039	192.3	0.1207
448.67	0.028	197.7	0.0559	448.68	0.04	192.6	0.1225
448.70	0.029	197.9	0.0559	448.70	0.04	192.8	0.1225
448.73	0.029	198	0.0568	448.73	0.04	192.9	0.1234
448.77	0.029	198.1	0.0568	448.77	0.04	193.1	0.1234
448.80	0.029	198.2	0.0568	448.80	0.04	193.1	0.1234
448.83	0.028	198.2	0.0568	448.83	0.04	193.2	0.1234
448.87	0.028	198.3	0.0568	448.87	0.039	193.3	0.1234
448.90	0.027	198.3	0.055	448.90	0.038	193.4	0.1216
448.93	0.026	198.3	0.0541	448.93	0.036	193.4	0.1198
448.97	0.025	198.3	0.0533	448.97	0.035	193.3	0.1163
449.00	0.024	198.3	0.0506	449.00	0.032	193.2	0.1163
449.03	0.021	198.2	0.0506	449.03	0.031	193.2	0.1136
449.07	0.021	198.1	0.0479	449.07	0.031	193.2	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
449.10	0.021	198.1	0.047	449.10	0.028	193	0.1065
449.13	0.02	198.1	0.0435	449.13	0.024	192.8	0.1021
449.17	0.017	197.9	0.0408	449.17	0.023	192.7	0.0968
449.20	0.015	197.8	0.0382	449.20	0.021	192.4	0.0914
449.23	0.014	197.7	0.0355	449.23	0.016	192.1	0.0914
449.27	0.011	197.4	0.0355	449.27	0.014	192.1	0.0852
449.30	0.009	197.3	0.032	449.30	0.014	191.9	0.0799
449.33	0.009	197.3	0.0284	449.33	0.011	191.4	0.0719
449.37	0.008	197.1	0.024	449.37	0.006	191	0.0648
449.40	0.005	196.8	0.0195	449.40	0.005	190.8	0.0586
449.43	0.003	196.6	0.016	449.43	0.002	190.3	0.0506
449.47	0.002	196.4	0.0115	449.47	-0.003	189.9	0.0506
449.50	-0.001	196.1	0.0115	449.50	-0.005	189.9	0.0426
449.53	-0.003	195.9	0.008	449.53	-0.005	189.5	0.0373
449.57	-0.003	195.9	0.0044	449.57	-0.007	189	0.0293
449.60	-0.004	195.6	0.0009	449.60	-0.012	188.5	0.0213
449.65	-0.008	195.1	-0.0036	449.63	-0.013	188.2	0.016
449.68	-0.008	195.1	-0.0053	449.67	-0.015	187.7	0.0089
449.72	-0.009	194.8	-0.0089	449.70	-0.019	187.2	0.0089
449.73	-0.011	194.5	-0.0115	449.73	-0.02	187.2	0.0027
449.77	-0.013	194.3	-0.0142	449.77	-0.02	186.8	-0.0018
449.80	-0.013	194.1	-0.016	449.80	-0.022	186.4	-0.0062
449.83	-0.014	193.9	-0.0186	449.83	-0.025	186	-0.0107
449.87	-0.016	193.7	-0.0186	449.87	-0.025	185.7	-0.0142
449.90	-0.016	193.7	-0.0204	449.90	-0.026	185.4	-0.0169
449.93	-0.016	193.5	-0.0213	449.93	-0.028	185.1	-0.0169
449.97	-0.016	193.4	-0.0222	449.97	-0.028	185.1	-0.0186
450.00	-0.017	193.2	-0.0231	450.00	-0.028	184.8	-0.0204
450.03	-0.017	193.1	-0.0231	450.03	-0.029	184.6	-0.0213
450.07	-0.017	193	-0.024	450.08	-0.029	184.4	-0.0222
450.10	-0.017	192.9	-0.024	450.12	-0.029	184.3	-0.0222
450.13	-0.017	192.9	-0.024	450.13	-0.028	184.1	-0.0222
450.17	-0.017	192.8	-0.024	450.17	-0.028	184	-0.0222
450.20	-0.016	192.7	-0.0231	450.20	-0.027	184	-0.0213
450.23	-0.015	192.7	-0.0222	450.23	-0.026	184	-0.0186
450.27	-0.015	192.7	-0.0204	450.27	-0.023	184	-0.0186
450.30	-0.014	192.7	-0.0195	450.30	-0.022	184	-0.0169
450.33	-0.011	192.8	-0.0195	450.33	-0.022	184	-0.0151
450.37	-0.011	192.8	-0.0178	450.37	-0.021	184.1	-0.0115
450.40	-0.011	192.8	-0.016	450.40	-0.017	184.3	-0.0071
450.43	-0.009	192.9	-0.0133	450.43	-0.016	184.4	-0.0044
450.47	-0.007	193.1	-0.0107	450.47	-0.014	184.6	0.0009
450.50	-0.006	193.1	-0.008	450.50	-0.009	184.9	0.0009
450.53	-0.004	193.3	-0.0044	450.53	-0.008	185.1	0.0062
450.57	-0.001	193.5	-0.0044	450.57	-0.008	185.1	0.0107
450.60	0	193.5	-0.0009	450.60	-0.006	185.4	0.0178
450.63	0	193.7	0.0018	450.63	0	185.8	0.0257
450.67	0.002	193.9	0.0053	450.67	0.002	186.1	0.032
450.70	0.006	194.1	0.0107	450.70	0.004	186.4	0.0391
450.73	0.006	194.3	0.0133	450.73	0.009	187	0.0391
450.77	0.008	194.6	0.0178	450.77	0.011	187.3	0.047
450.80	0.012	194.8	0.0178	450.80	0.011	187.3	0.0541
450.83	0.013	194.8	0.0222	450.83	0.013	187.7	0.0604
450.87	0.013	195	0.0257	450.87	0.018	188.2	0.0683
450.90	0.014	195.3	0.0302	450.90	0.02	188.6	0.0746
450.93	0.017	195.6	0.0337	450.93	0.022	189	0.0817
450.97	0.018	195.8	0.0364	450.97	0.026	189.5	0.0817
451.00	0.02	196.1	0.0399	451.00	0.028	189.8	0.0897
451.03	0.023	196.3	0.0399	451.03	0.028	189.8	0.0941
451.07	0.023	196.3	0.0435	451.07	0.03	190.2	0.1003
451.12	0.024	196.7	0.047	451.10	0.033	190.6	0.1056
451.15	0.025	196.9	0.047	451.13	0.035	191	0.1092
451.17	0.026	196.9	0.0497	451.17	0.035	191.3	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
451.20	0.026	197.1	0.0515	451.20	0.038	191.7	0.1136
451.23	0.027	197.3	0.0533	451.23	0.039	191.9	0.1172
451.27	0.028	197.5	0.055	451.27	0.039	191.9	0.1198
451.30	0.028	197.6	0.0559	451.30	0.039	192.2	0.1216
451.33	0.029	197.8	0.0568	451.33	0.04	192.4	0.1225
451.37	0.029	197.9	0.0568	451.37	0.04	192.7	0.1243
451.40	0.029	197.9	0.0568	451.40	0.04	192.8	0.1243
451.43	0.029	198	0.0568	451.43	0.04	193	0.1252
451.47	0.029	198.1	0.0568	451.47	0.04	193.2	0.1252
451.50	0.028	198.2	0.0568	451.50	0.04	193.2	0.1252
451.53	0.028	198.3	0.0559	451.55	0.038	193.3	0.1234
451.57	0.027	198.3	0.055	451.58	0.037	193.4	0.1234
451.60	0.026	198.3	0.055	451.60	0.037	193.4	0.1216
451.63	0.024	198.3	0.0533	451.63	0.036	193.4	0.1189
451.67	0.024	198.3	0.0515	451.67	0.033	193.2	0.1154
451.70	0.023	198.2	0.0497	451.70	0.031	193.2	0.1127
451.73	0.022	198.2	0.0479	451.73	0.029	193.1	0.1101
451.77	0.02	198.1	0.0462	451.77	0.027	192.9	0.1056
451.80	0.019	198	0.0426	451.80	0.023	192.7	0.1056
451.83	0.016	197.8	0.0426	451.83	0.022	192.7	0.1003
451.87	0.014	197.7	0.0391	451.87	0.022	192.6	0.0959
451.90	0.014	197.7	0.0364	451.90	0.019	192.2	0.0897
451.93	0.013	197.6	0.0328	451.93	0.015	191.9	0.0834
451.97	0.011	197.3	0.0302	451.97	0.013	191.7	0.0781
452.00	0.008	197.1	0.0257	452.00	0.01	191.2	0.0692
452.03	0.007	197	0.0222	452.03	0.004	190.9	0.0692
452.07	0.004	196.7	0.0178	452.07	0.003	190.9	0.0621
452.10	0.002	196.5	0.0178	452.10	0.003	190.6	0.0568
452.13	0.002	196.5	0.0142	452.13	0.001	190.1	0.0497
452.17	0.001	196.3	0.0107	452.17	-0.004	189.7	0.0408
452.20	-0.001	196	0.0062	452.20	-0.006	189.3	0.0346
452.23	-0.004	195.7	0.0027	452.23	-0.008	188.8	0.0275
452.27	-0.005	195.5	-0.0009	452.27	-0.013	188.3	0.0275
452.30	-0.007	195.1	-0.0036	452.30	-0.014	188.3	0.0186
452.33	-0.01	194.9	-0.0036	452.33	-0.014	188	0.0142
452.37	-0.01	194.9	-0.008	452.37	-0.016	187.5	0.0071
452.40	-0.01	194.7	-0.0107	452.40	-0.02	187	0.0009
452.43	-0.011	194.4	-0.0133	452.43	-0.021	186.6	-0.0036
452.47	-0.014	194.2	-0.016	452.47	-0.023	186.2	-0.008
452.50	-0.014	194	-0.0178	452.50	-0.026	185.8	-0.008
452.55	-0.015	193.8	-0.0195	452.53	-0.026	185.8	-0.0124
452.58	-0.016	193.6	-0.0204	452.57	-0.026	185.6	-0.0151
452.62	-0.016	193.4	-0.0213	452.60	-0.027	185.2	-0.0178
452.63	-0.016	193.3	-0.0231	452.63	-0.028	185	-0.0195
452.67	-0.017	193.1	-0.0231	452.67	-0.028	184.7	-0.0204
452.70	-0.017	193.1	-0.024	452.70	-0.029	184.5	-0.0213
452.73	-0.017	193	-0.024	452.73	-0.029	184.3	-0.0213
452.77	-0.017	192.9	-0.024	452.77	-0.028	184.3	-0.0222
452.80	-0.017	192.8	-0.024	452.80	-0.028	184.2	-0.0222
452.83	-0.017	192.7	-0.0231	452.83	-0.028	184.1	-0.0222
452.87	-0.016	192.7	-0.0222	452.87	-0.027	184	-0.0204
452.90	-0.015	192.7	-0.0222	452.90	-0.026	184	-0.0195
452.93	-0.014	192.7	-0.0213	452.93	-0.025	184	-0.0178
452.97	-0.014	192.7	-0.0204	452.98	-0.022	184.1	-0.0151
453.00	-0.013	192.7	-0.0186	453.02	-0.022	184.1	-0.0133
453.03	-0.011	192.8	-0.016	453.05	-0.02	184.2	-0.0098
453.07	-0.01	192.8	-0.0151	453.07	-0.016	184.4	-0.0098
453.10	-0.009	192.9	-0.0115	453.10	-0.015	184.4	-0.0062
453.13	-0.006	193.1	-0.0115	453.13	-0.015	184.5	-0.0027
453.17	-0.005	193.2	-0.0089	453.17	-0.013	184.7	0.0027
453.20	-0.005	193.2	-0.0062	453.20	-0.008	185	0.0089
453.23	-0.004	193.3	-0.0027	453.23	-0.006	185.2	0.0133
453.27	-0.001	193.6	0.0009	453.27	-0.005	185.5	0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
453.30	0.001	193.7	0.0036	453.30	0.001	186	0.0195
453.33	0.003	193.9	0.008	453.33	0.003	186	0.0293
453.37	0.006	194.2	0.008	453.37	0.003	186.3	0.0346
453.40	0.008	194.4	0.0115	453.40	0.005	186.6	0.0426
453.43	0.008	194.4	0.0151	453.43	0.011	187.2	0.0506
453.47	0.009	194.6	0.0186	453.47	0.012	187.5	0.0568
453.50	0.012	194.9	0.0231	453.50	0.015	187.9	0.0648
453.53	0.014	195.1	0.0275	453.53	0.019	188.4	0.0648
453.57	0.015	195.3	0.032	453.57	0.022	188.8	0.0719
453.60	0.017	195.7	0.0355	453.60	0.022	188.8	0.0781
453.63	0.02	195.9	0.0355	453.63	0.023	189.2	0.0843
453.67	0.02	195.9	0.0391	453.67	0.027	189.6	0.0914
453.70	0.021	196.1	0.0417	453.70	0.029	190	0.0968
453.73	0.022	196.4	0.0444	453.73	0.031	190.4	0.1021
453.77	0.024	196.6	0.047	453.77	0.034	190.8	0.1021
453.80	0.024	196.8	0.0488	453.80	0.035	191.2	0.1074
453.83	0.026	197	0.0515	453.83	0.035	191.2	0.111
453.87	0.027	197.2	0.0515	453.87	0.036	191.4	0.1145
453.90	0.027	197.2	0.0533	453.90	0.038	191.8	0.1181
453.93	0.027	197.4	0.0541	453.93	0.039	192.1	0.1198
453.97	0.028	197.6	0.0559	453.97	0.039	192.3	0.1216
454.02	0.029	197.7	0.0568	454.00	0.04	192.5	0.1216
454.05	0.029	197.8	0.0568	454.03	0.04	192.7	0.1234
454.07	0.029	198	0.0568	454.07	0.04	192.7	0.1243
454.10	0.029	198.1	0.0577	454.10	0.04	192.9	0.1243
454.13	0.029	198.2	0.0577	454.13	0.04	193.1	0.1243
454.17	0.028	198.2	0.0568	454.17	0.04	193.2	0.1243
454.20	0.027	198.3	0.0568	454.20	0.039	193.3	0.1225
454.23	0.026	198.3	0.0559	454.23	0.037	193.3	0.1225
454.27	0.026	198.3	0.055	454.27	0.035	193.3	0.1207
454.30	0.026	198.3	0.0533	454.30	0.035	193.3	0.1181
454.33	0.024	198.2	0.0515	454.33	0.034	193.3	0.1163
454.37	0.023	198.2	0.0497	454.37	0.032	193.1	0.1127
454.40	0.022	198.2	0.047	454.40	0.029	193	0.1092
454.43	0.019	198	0.047	454.45	0.027	193	0.1047
454.47	0.018	198	0.0444	454.48	0.026	192.8	0.1021
454.50	0.018	198	0.0417	454.50	0.022	192.6	0.0985
454.53	0.016	197.8	0.0391	454.53	0.021	192.4	0.0932
454.57	0.013	197.6	0.0355	454.57	0.018	192.1	0.087
454.60	0.012	197.5	0.0337	454.60	0.013	191.8	0.087
454.63	0.011	197.3	0.0293	454.63	0.013	191.8	0.0799
454.67	0.007	197.1	0.0293	454.67	0.012	191.5	0.0728
454.70	0.006	197.1	0.024	454.70	0.008	191	0.0648
454.73	0.006	196.9	0.0213	454.73	0.003	190.7	0.0586
454.77	0.005	196.7	0.0178	454.77	0.002	190.4	0.0515
454.80	0.001	196.4	0.0124	454.80	-0.001	189.9	0.0444
454.83	0	196.2	0.0098	454.83	-0.006	189.4	0.0444
454.87	-0.002	196	0.0053	454.87	-0.007	189.4	0.0373
454.90	-0.005	195.6	0.0053	454.90	-0.007	189.1	0.0302
454.93	-0.006	195.4	0.0009	454.93	-0.01	188.6	0.0222
454.97	-0.006	195.4	-0.0018	454.97	-0.014	188.1	0.0151
455.00	-0.007	195.1	-0.0053	455.00	-0.015	187.8	0.0098
455.03	-0.01	194.8	-0.0089	455.03	-0.017	187.3	0.0044
455.07	-0.011	194.6	-0.0115	455.07	-0.021	186.8	0.0044
455.10	-0.012	194.4	-0.0142	455.10	-0.022	186.8	-0.0018
455.13	-0.014	194.1	-0.0142	455.13	-0.022	186.4	-0.0053
455.17	-0.015	193.9	-0.0169	455.17	-0.023	186	-0.0107
455.20	-0.015	193.9	-0.0186	455.20	-0.026	185.6	-0.0142
455.23	-0.015	193.7	-0.0204	455.23	-0.026	185.4	-0.0169
455.27	-0.016	193.5	-0.0213	455.27	-0.027	185.1	-0.0186
455.30	-0.017	193.3	-0.0231	455.30	-0.028	184.8	-0.0186
455.33	-0.017	193.2	-0.0231	455.33	-0.029	184.8	-0.0213
455.37	-0.017	193	-0.024	455.37	-0.029	184.6	-0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
455.40	-0.017	192.9	-0.024	455.40	-0.029	184.4	-0.0231
455.43	-0.017	192.9	-0.024	455.43	-0.029	184.2	-0.0231
455.48	-0.017	192.8	-0.024	455.47	-0.028	184.1	-0.0231
455.52	-0.016	192.7	-0.024	455.50	-0.028	184	-0.0222
455.53	-0.015	192.7	-0.0231	455.53	-0.026	184	-0.0222
455.57	-0.015	192.7	-0.0222	455.57	-0.025	184	-0.0204
455.60	-0.015	192.7	-0.0213	455.60	-0.025	183.9	-0.0186
455.63	-0.013	192.7	-0.0195	455.63	-0.024	184	-0.0169
455.67	-0.013	192.7	-0.0178	455.67	-0.021	184.1	-0.0133
455.70	-0.011	192.8	-0.016	455.70	-0.02	184.2	-0.0107
455.73	-0.009	192.9	-0.016	455.73	-0.018	184.3	-0.0071
455.77	-0.008	192.9	-0.0133	455.77	-0.014	184.5	-0.0071
455.80	-0.008	192.9	-0.0115	455.80	-0.013	184.5	-0.0027
455.83	-0.006	193.1	-0.008	455.83	-0.013	184.7	0.0009
455.87	-0.004	193.2	-0.0053	455.88	-0.007	185.2	0.0071
455.90	-0.002	193.4	-0.0018	455.92	-0.005	185.2	0.0107
455.93	-0.001	193.6	0.0018	455.95	-0.005	185.4	0.016
455.97	0.003	193.8	0.0018	455.97	-0.003	185.7	0.0231
456.00	0.004	193.8	0.0053	456.00	0.003	186.2	0.032
456.03	0.004	194	0.0089	456.03	0.004	186.4	0.0373
456.07	0.005	194.2	0.0133	456.07	0.006	186.8	0.0453
456.10	0.009	194.5	0.0169	456.10	0.012	187.3	0.0453
456.13	0.01	194.6	0.0195	456.13	0.014	187.7	0.0533
456.17	0.012	194.9	0.024	456.17	0.014	187.7	0.0595
456.20	0.015	195.2	0.024	456.20	0.016	188.1	0.0657
456.23	0.016	195.2	0.0293	456.23	0.02	188.6	0.0737
456.27	0.016	195.4	0.0328	456.27	0.023	189	0.0799
456.30	0.017	195.7	0.0364	456.30	0.024	189.3	0.0861
456.33	0.021	196	0.0399	456.33	0.028	189.8	0.0861
456.37	0.021	196.2	0.0426	456.37	0.03	190.2	0.0941
456.40	0.022	196.4	0.0453	456.40	0.03	190.2	0.0985
456.43	0.024	196.7	0.0453	456.43	0.032	190.5	0.1039
456.47	0.025	196.7	0.0479	456.47	0.034	191	0.1092
456.50	0.025	196.9	0.0497	456.50	0.036	191.3	0.1127
456.53	0.026	197.1	0.0524	456.53	0.037	191.6	0.1154
456.57	0.027	197.3	0.0541	456.57	0.038	191.9	0.1154
456.60	0.028	197.4	0.055	456.60	0.039	192.2	0.1181
456.63	0.028	197.6	0.0559	456.63	0.039	192.2	0.1198
456.67	0.029	197.7	0.0559	456.67	0.04	192.4	0.1216
456.70	0.029	197.7	0.0568	456.70	0.04	192.6	0.1225
456.73	0.029	197.9	0.0568	456.73	0.04	192.8	0.1234
456.77	0.029	198	0.0568	456.77	0.04	193	0.1234
456.80	0.029	198.1	0.0568	456.80	0.04	193.1	0.1234
456.83	0.028	198.2	0.0568	456.83	0.04	193.2	0.1234
456.87	0.028	198.2	0.0559	456.87	0.039	193.2	0.1234
456.92	0.027	198.2	0.055	456.90	0.039	193.3	0.1225
456.95	0.026	198.3	0.0541	456.93	0.037	193.3	0.1189
456.98	0.025	198.3	0.0524	456.97	0.034	193.2	0.1172
457.00	0.023	198.2	0.0524	457.00	0.033	193.2	0.1145
457.03	0.022	198.2	0.0506	457.03	0.031	193.1	0.111
457.07	0.022	198.2	0.0488	457.07	0.027	192.9	0.111
457.10	0.021	198.1	0.0462	457.10	0.026	192.9	0.1065
457.13	0.019	198	0.0435	457.13	0.026	192.8	0.103
457.17	0.016	197.8	0.0408	457.17	0.024	192.6	0.0985
457.20	0.016	197.8	0.0382	457.20	0.02	192.4	0.0923
457.23	0.014	197.5	0.0346	457.23	0.018	192.2	0.0879
457.27	0.011	197.4	0.0346	457.27	0.016	191.8	0.0817
457.30	0.011	197.4	0.0311	457.30	0.01	191.5	0.0817
457.33	0.01	197.2	0.0275	457.35	0.009	191.2	0.0692
457.37	0.007	197	0.0231	457.38	0.008	190.9	0.0639
457.40	0.004	196.8	0.0195	457.40	0.002	190.5	0.0639
457.43	0.003	196.6	0.016	457.43	0	190.5	0.055
457.47	0.001	196.3	0.0115	457.47	0	190.2	0.0488

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
457.50	-0.002	196.1	0.0115	457.50	-0.002	189.7	0.0417
457.53	-0.002	196.1	0.008	457.53	-0.007	189.2	0.0328
457.57	-0.003	195.8	0.0036	457.57	-0.008	188.9	0.0275
457.60	-0.005	195.5	0	457.60	-0.011	188.4	0.0195
457.63	-0.008	195.2	-0.0036	457.63	-0.016	187.9	0.0195
457.67	-0.008	195	-0.0071	457.67	-0.016	187.9	0.0115
457.70	-0.01	194.7	-0.0098	457.70	-0.016	187.6	0.0071
457.73	-0.012	194.4	-0.0098	457.73	-0.018	187.1	0.0018
457.77	-0.013	194.4	-0.0124	457.77	-0.022	186.6	-0.0044
457.80	-0.013	194.2	-0.0151	457.80	-0.023	186.3	-0.008
457.83	-0.014	194	-0.0178	457.83	-0.024	185.9	-0.0124
457.87	-0.016	193.8	-0.0195	457.87	-0.026	185.5	-0.0124
457.90	-0.016	193.6	-0.0204	457.90	-0.027	185.5	-0.016
457.93	-0.016	193.4	-0.0213	457.93	-0.027	185.3	-0.0178
457.97	-0.017	193.3	-0.0213	457.97	-0.027	185	-0.0204
458.00	-0.017	193.3	-0.0231	458.00	-0.028	184.7	-0.0222
458.03	-0.017	193.1	-0.0231	458.03	-0.029	184.5	-0.0231
458.07	-0.017	193	-0.024	458.07	-0.029	184.4	-0.0231
458.10	-0.017	192.9	-0.024	458.10	-0.028	184.2	-0.0231
458.13	-0.017	192.8	-0.024	458.13	-0.028	184.2	-0.0231
458.17	-0.017	192.7	-0.0231	458.17	-0.028	184.1	-0.0231
458.20	-0.015	192.7	-0.0231	458.20	-0.027	184	-0.0222
458.23	-0.015	192.7	-0.0222	458.23	-0.025	184	-0.0204
458.27	-0.015	192.7	-0.0213	458.27	-0.025	184	-0.0195
458.30	-0.014	192.7	-0.0195	458.30	-0.023	184	-0.016
458.33	-0.012	192.8	-0.0178	458.33	-0.02	184.1	-0.016
458.38	-0.012	192.8	-0.0169	458.37	-0.019	184.2	-0.0133
458.42	-0.011	192.8	-0.0151	458.40	-0.019	184.2	-0.0107
458.43	-0.009	192.9	-0.0124	458.43	-0.017	184.3	-0.0062
458.47	-0.007	193	-0.0107	458.47	-0.013	184.6	-0.0018
458.50	-0.006	193.1	-0.0071	458.50	-0.011	184.8	0.0027
458.53	-0.003	193.3	-0.0071	458.53	-0.009	185	0.0089
458.57	-0.001	193.4	-0.0036	458.57	-0.005	185.4	0.0089
458.60	-0.001	193.4	-0.0018	458.60	-0.002	185.7	0.016
458.63	0	193.6	0.0027	458.63	-0.002	185.7	0.0213
458.67	0.003	193.9	0.0071	458.67	0	186	0.0293
458.70	0.005	194.1	0.0098	458.70	0.005	186.4	0.0373
458.73	0.006	194.2	0.0142	458.73	0.007	186.7	0.0435
458.77	0.009	194.6	0.0142	458.77	0.01	187.1	0.0506
458.80	0.011	194.8	0.0186	458.82	0.014	187.6	0.0586
458.83	0.011	194.8	0.0222	458.85	0.015	187.9	0.0621
458.87	0.013	195	0.0257	458.87	0.017	188.3	0.0692
458.90	0.015	195.3	0.0311	458.90	0.021	188.8	0.0692
458.93	0.017	195.6	0.0337	458.93	0.024	189.2	0.0763
458.97	0.018	195.8	0.0373	458.97	0.024	189.2	0.0826
459.00	0.02	196.1	0.0373	459.00	0.026	189.5	0.0888
459.03	0.022	196.3	0.0408	459.03	0.029	190	0.0959
459.07	0.022	196.3	0.0435	459.07	0.031	190.4	0.1003
459.10	0.023	196.5	0.0462	459.10	0.032	190.7	0.1056
459.13	0.024	196.8	0.0488	459.13	0.035	191.1	0.1101
459.17	0.026	197	0.0506	459.17	0.037	191.4	0.1101
459.20	0.026	197.1	0.0533	459.20	0.037	191.4	0.1136
459.23	0.027	197.4	0.0533	459.23	0.037	191.7	0.1163
459.27	0.028	197.5	0.0541	459.27	0.039	192	0.1189
459.30	0.028	197.5	0.0559	459.30	0.04	192.3	0.1216
459.33	0.029	197.7	0.0559	459.33	0.04	192.5	0.1225
459.37	0.028	197.8	0.0568	459.37	0.04	192.7	0.1225
459.40	0.029	197.9	0.0568	459.40	0.04	192.9	0.1225
459.43	0.029	198	0.0568	459.43	0.04	192.9	0.1234
459.47	0.028	198.1	0.0568	459.47	0.04	193	0.1234
459.50	0.028	198.2	0.0568	459.50	0.04	193.2	0.1234
459.53	0.027	198.2	0.0568	459.53	0.039	193.3	0.1225
459.57	0.027	198.2	0.0559	459.57	0.038	193.3	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
459.60	0.026	198.2	0.0541	459.60	0.036	193.2	0.1181
459.63	0.025	198.2	0.0533	459.63	0.033	193.2	0.1181
459.67	0.024	198.2	0.0515	459.67	0.032	193.2	0.1154
459.70	0.023	198.2	0.0488	459.70	0.032	193.2	0.1136
459.73	0.02	198.1	0.0488	459.73	0.031	193	0.1092
459.77	0.02	198.1	0.047	459.77	0.026	192.9	0.1047
459.82	0.018	197.9	0.0426	459.80	0.025	192.8	0.1012
459.85	0.016	197.8	0.0426	459.83	0.023	192.5	0.0959
459.88	0.015	197.8	0.0408	459.87	0.018	192.2	0.0959
459.90	0.015	197.7	0.0373	459.90	0.017	192.2	0.0897
459.93	0.013	197.5	0.0328	459.93	0.017	192	0.0843
459.97	0.009	197.3	0.0293	459.97	0.014	191.6	0.0772
460.00	0.009	197.1	0.0257	460.00	0.009	191.3	0.0692
460.03	0.007	196.9	0.0213	460.03	0.007	191	0.0639
460.07	0.003	196.7	0.0213	460.07	0.005	190.6	0.0568
460.10	0.003	196.7	0.0178	460.10	-0.001	190.1	0.0568
460.13	0.003	196.5	0.0142	460.13	-0.002	190.1	0.0488
460.17	0.001	196.2	0.0098	460.17	-0.002	189.8	0.0417
460.20	-0.003	195.9	0.0053	460.20	-0.005	189.3	0.0346
460.23	-0.004	195.7	0.0027	460.25	-0.01	188.8	0.0257
460.27	-0.005	195.4	-0.0009	460.28	-0.01	188.5	0.0222
460.30	-0.009	195.1	-0.0009	460.32	-0.012	188.1	0.0151
460.33	-0.009	195.1	-0.0053	460.33	-0.017	187.6	0.008
460.37	-0.009	194.9	-0.0071	460.37	-0.017	187.3	0.0044
460.40	-0.01	194.6	-0.0107	460.40	-0.019	186.8	-0.0018
460.43	-0.013	194.3	-0.0142	460.43	-0.023	186.4	-0.0018
460.47	-0.013	194.1	-0.0151	460.47	-0.024	186.4	-0.0071
460.50	-0.014	193.9	-0.0178	460.50	-0.024	186.1	-0.0107
460.53	-0.015	193.7	-0.0178	460.53	-0.025	185.7	-0.0142
460.57	-0.016	193.7	-0.0195	460.57	-0.027	185.3	-0.0178
460.60	-0.016	193.5	-0.0213	460.60	-0.027	185.1	-0.0195
460.63	-0.016	193.4	-0.0222	460.63	-0.028	184.8	-0.0213
460.67	-0.017	193.2	-0.0231	460.67	-0.029	184.6	-0.0213
460.70	-0.017	193	-0.024	460.70	-0.029	184.6	-0.0231
460.73	-0.017	192.9	-0.024	460.73	-0.029	184.4	-0.024
460.77	-0.017	192.8	-0.024	460.77	-0.029	184.2	-0.024
460.80	-0.017	192.8	-0.024	460.80	-0.028	184.1	-0.024
460.83	-0.017	192.8	-0.024	460.83	-0.028	184	-0.0231
460.87	-0.016	192.7	-0.0231	460.87	-0.027	183.9	-0.0222
460.90	-0.015	192.7	-0.0222	460.90	-0.025	184	-0.0222
460.93	-0.014	192.7	-0.0213	460.93	-0.024	184	-0.0204
460.97	-0.014	192.7	-0.0195	460.97	-0.024	183.9	-0.0178
461.00	-0.012	192.8	-0.0195	461.00	-0.022	184	-0.0151
461.03	-0.011	192.8	-0.0178	461.03	-0.019	184.2	-0.0124
461.07	-0.011	192.8	-0.016	461.07	-0.018	184.2	-0.0089
461.10	-0.009	192.9	-0.0124	461.10	-0.016	184.4	-0.0053
461.13	-0.007	193	-0.0107	461.13	-0.011	184.7	-0.0053
461.17	-0.006	193.1	-0.008	461.17	-0.01	184.7	0
461.20	-0.005	193.3	-0.0044	461.20	-0.01	184.8	0.0044
461.23	-0.001	193.5	-0.0044	461.23	-0.008	185.1	0.0107
461.28	0.001	193.6	0.0027	461.27	-0.003	185.5	0.0178
461.32	0.001	193.7	0.0053	461.30	-0.001	185.8	0.024
461.33	0.004	194	0.0053	461.33	0.001	186.1	0.032
461.37	0.005	194.1	0.008	461.37	0.007	186.5	0.032
461.40	0.005	194.1	0.0115	461.40	0.008	186.5	0.0399
461.43	0.007	194.4	0.016	461.43	0.008	186.9	0.0453
461.47	0.01	194.7	0.0204	461.47	0.01	187.3	0.0533
461.50	0.012	194.9	0.024	461.50	0.016	187.8	0.0612
461.53	0.014	195.1	0.0284	461.53	0.018	188.2	0.0675
461.57	0.016	195.4	0.0284	461.57	0.02	188.6	0.0746
461.60	0.018	195.7	0.032	461.60	0.024	189	0.0746
461.63	0.018	195.7	0.0355	461.63	0.026	189.4	0.0817
461.67	0.019	195.9	0.0391	461.67	0.026	189.4	0.0879

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
461.70	0.021	196.2	0.0426	461.72	0.03	190.2	0.0941
461.73	0.023	196.4	0.0444	461.75	0.032	190.5	0.0976
461.77	0.023	196.6	0.047	461.77	0.032	190.5	0.1012
461.80	0.025	196.9	0.047	461.80	0.033	190.8	0.1065
461.83	0.027	197.1	0.0506	461.83	0.035	191.2	0.111
461.87	0.027	197.1	0.0524	461.87	0.038	191.6	0.1145
461.90	0.027	197.2	0.0533	461.90	0.038	191.8	0.1172
461.93	0.027	197.4	0.055	461.93	0.039	192.1	0.1189
461.97	0.028	197.6	0.0559	461.97	0.04	192.4	0.1189
462.00	0.029	197.7	0.0568	462.00	0.04	192.4	0.1216
462.03	0.029	197.8	0.0568	462.03	0.04	192.6	0.1216
462.07	0.029	198	0.0568	462.07	0.04	192.8	0.1225
462.10	0.029	198	0.0568	462.10	0.04	192.9	0.1225
462.13	0.029	198.1	0.0577	462.13	0.04	193.1	0.1225
462.17	0.028	198.2	0.0568	462.17	0.04	193.2	0.1225
462.20	0.027	198.2	0.0559	462.20	0.038	193.3	0.1225
462.23	0.027	198.2	0.055	462.23	0.038	193.3	0.1216
462.27	0.026	198.2	0.0533	462.27	0.037	193.3	0.1189
462.30	0.024	198.2	0.0533	462.30	0.035	193.2	0.1163
462.33	0.024	198.2	0.0515	462.33	0.032	193.2	0.1136
462.37	0.024	198.2	0.0506	462.37	0.031	193.1	0.111
462.40	0.022	198.1	0.0479	462.40	0.029	193	0.1065
462.43	0.019	198	0.0453	462.43	0.025	192.8	0.1065
462.47	0.019	198	0.0426	462.47	0.024	192.8	0.103
462.50	0.017	197.8	0.0391	462.50	0.024	192.7	0.0985
462.53	0.014	197.6	0.0391	462.53	0.021	192.4	0.0923
462.57	0.014	197.6	0.0373	462.57	0.017	192.1	0.087
462.60	0.013	197.5	0.0337	462.60	0.016	191.9	0.0817
462.63	0.011	197.3	0.0302	462.63	0.013	191.5	0.0746
462.67	0.008	197.1	0.0257	462.67	0.007	191.2	0.0746
462.70	0.007	196.9	0.0222	462.70	0.006	191.2	0.0666
462.75	0.005	196.8	0.0204	462.73	0.006	190.8	0.0612
462.78	0.003	196.6	0.0169	462.77	0.003	190.4	0.0533
462.80	0.002	196.4	0.0133	462.80	-0.002	189.9	0.0453
462.83	0	196	0.0089	462.83	-0.003	189.6	0.0391
462.87	-0.004	195.8	0.0089	462.87	-0.006	189.1	0.0311
462.90	-0.005	195.8	0.0044	462.90	-0.011	188.7	0.0311
462.93	-0.005	195.6	0.0009	462.93	-0.012	188.7	0.0231
462.97	-0.006	195.2	-0.0027	462.97	-0.012	188.3	0.0178
463.00	-0.009	195	-0.0062	463.00	-0.014	187.8	0.0107
463.03	-0.009	194.7	-0.0089	463.03	-0.018	187.3	0.0036
463.07	-0.011	194.4	-0.0124	463.07	-0.019	187	-0.0009
463.10	-0.013	194.2	-0.0124	463.10	-0.021	186.5	-0.0062
463.13	-0.014	194.2	-0.0151	463.15	-0.024	186.1	-0.0107
463.17	-0.014	194	-0.0169	463.18	-0.024	185.8	-0.0133
463.20	-0.015	193.8	-0.0186	463.22	-0.025	185.5	-0.016
463.23	-0.016	193.6	-0.0204	463.23	-0.027	185.2	-0.016
463.27	-0.016	193.4	-0.0213	463.27	-0.027	185.2	-0.0186
463.30	-0.017	193.3	-0.0222	463.30	-0.027	184.9	-0.0204
463.33	-0.017	193.1	-0.0222	463.33	-0.028	184.7	-0.0222
463.37	-0.017	193.1	-0.0231	463.37	-0.029	184.4	-0.024
463.40	-0.017	193	-0.024	463.40	-0.029	184.3	-0.024
463.43	-0.017	192.9	-0.024	463.43	-0.029	184.1	-0.024
463.47	-0.017	192.8	-0.024	463.47	-0.028	184	-0.024
463.50	-0.017	192.7	-0.024	463.50	-0.027	184	-0.024
463.53	-0.016	192.7	-0.0231	463.53	-0.027	183.9	-0.0231
463.57	-0.015	192.7	-0.0231	463.57	-0.026	183.9	-0.0213
463.60	-0.014	192.7	-0.0213	463.60	-0.025	183.9	-0.0195
463.63	-0.014	192.7	-0.0204	463.63	-0.023	183.9	-0.0178
463.67	-0.013	192.7	-0.0178	463.67	-0.022	184	-0.0142
463.70	-0.01	192.8	-0.016	463.70	-0.018	184.2	-0.0142
463.73	-0.01	192.8	-0.0151	463.73	-0.017	184.2	-0.0107
463.77	-0.009	192.9	-0.0124	463.77	-0.017	184.3	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
463.80	-0.006	193.1	-0.0124	463.80	-0.015	184.5	-0.0027
463.83	-0.005	193.1	-0.0089	463.83	-0.01	184.7	0.0027
463.87	-0.005	193.2	-0.0071	463.87	-0.009	184.9	0.0071
463.90	-0.003	193.4	-0.0027	463.90	-0.007	185.2	0.0142
463.93	0	193.5	0.0009	463.93	-0.001	185.6	0.0142
463.97	0.001	193.7	0.0036	463.97	0	185.6	0.0213
464.00	0.002	193.9	0.008	464.00	0	185.9	0.0275
464.03	0.006	194.1	0.008	464.03	0.002	186.3	0.0355
464.07	0.007	194.1	0.0115	464.07	0.008	186.7	0.0435
464.10	0.007	194.3	0.0151	464.10	0.01	187.1	0.0488
464.13	0.009	194.6	0.0195	464.13	0.012	187.5	0.0568
464.18	0.013	194.8	0.024	464.17	0.017	188	0.0568
464.22	0.013	195	0.0257	464.20	0.019	188.3	0.0648
464.23	0.014	195.2	0.0302	464.23	0.019	188.3	0.0701
464.27	0.017	195.6	0.0337	464.27	0.021	188.7	0.0772
464.30	0.019	195.8	0.0364	464.30	0.025	189.2	0.0852
464.33	0.02	196	0.0399	464.33	0.027	189.6	0.0897
464.37	0.022	196.3	0.0399	464.37	0.029	190	0.0968
464.40	0.023	196.5	0.0435	464.40	0.033	190.4	0.0968
464.43	0.023	196.5	0.0453	464.43	0.034	190.8	0.103
464.47	0.024	196.7	0.0488	464.47	0.034	190.8	0.1065
464.50	0.026	197	0.0515	464.50	0.035	191.1	0.1101
464.53	0.027	197.1	0.0524	464.53	0.037	191.4	0.1145
464.57	0.027	197.3	0.0533	464.57	0.038	191.7	0.1172
464.60	0.028	197.5	0.0533	464.62	0.039	192	0.1189
464.63	0.028	197.7	0.055	464.65	0.039	192.3	0.1207
464.67	0.028	197.7	0.0559	464.67	0.04	192.5	0.1216
464.70	0.029	197.8	0.0568	464.70	0.04	192.7	0.1225
464.73	0.029	197.9	0.0568	464.73	0.04	192.8	0.1225
464.77	0.029	198	0.0568	464.77	0.04	193	0.1234
464.80	0.029	198.1	0.0568	464.80	0.04	193	0.1234
464.83	0.028	198.2	0.0568	464.83	0.04	193.1	0.1234
464.87	0.027	198.2	0.0568	464.87	0.039	193.2	0.1225
464.90	0.026	198.2	0.0559	464.90	0.037	193.3	0.1207
464.93	0.026	198.2	0.055	464.93	0.036	193.3	0.1181
464.97	0.026	198.2	0.0533	464.97	0.035	193.2	0.1163
465.00	0.024	198.2	0.0515	465.00	0.032	193.2	0.1163
465.03	0.023	198.2	0.0497	465.03	0.031	193.2	0.1136
465.07	0.022	198.1	0.047	465.07	0.031	193.1	0.1101
465.10	0.019	198	0.047	465.10	0.028	192.9	0.1056
465.13	0.018	198	0.0444	465.13	0.024	192.7	0.1012
465.17	0.018	197.9	0.0417	465.17	0.023	192.6	0.0968
465.20	0.016	197.7	0.0391	465.20	0.021	192.3	0.0905
465.23	0.013	197.6	0.0355	465.23	0.016	192	0.0905
465.27	0.012	197.5	0.0328	465.27	0.014	192	0.0843
465.30	0.011	197.2	0.0293	465.30	0.014	191.8	0.079
465.33	0.007	197	0.0293	465.33	0.011	191.3	0.0719
465.37	0.006	197	0.024	465.37	0.006	191	0.063
465.40	0.006	196.8	0.0213	465.40	0.005	190.7	0.0577
465.43	0.005	196.6	0.0169	465.43	0.002	190.2	0.0497
465.47	0.001	196.3	0.0124	465.47	-0.003	189.8	0.0497
465.50	0	196.1	0.0089	465.50	-0.004	189.8	0.0426
465.53	-0.002	195.8	0.0044	465.53	-0.004	189.4	0.0364
465.57	-0.006	195.6	0.0044	465.57	-0.007	188.9	0.0284
465.60	-0.006	195.6	0.0009	465.60	-0.012	188.5	0.0195
465.65	-0.007	195.1	-0.0036	465.63	-0.013	188.1	0.0142
465.68	-0.009	194.8	-0.0036	465.67	-0.016	187.6	0.008
465.70	-0.01	194.8	-0.0071	465.70	-0.019	187.2	0.008
465.73	-0.01	194.6	-0.0098	465.73	-0.02	187.2	0.0018
465.77	-0.011	194.4	-0.0133	465.77	-0.02	186.8	-0.0027
465.80	-0.014	194.1	-0.016	465.80	-0.022	186.3	-0.008
465.83	-0.015	193.9	-0.0178	465.83	-0.025	185.9	-0.0124
465.87	-0.015	193.7	-0.0195	465.87	-0.026	185.6	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
465.90	-0.016	193.5	-0.0195	465.90	-0.026	185.3	-0.0178
465.93	-0.017	193.5	-0.0213	465.93	-0.028	185	-0.0178
465.97	-0.017	193.3	-0.0222	465.97	-0.028	185	-0.0204
466.00	-0.017	193.2	-0.0231	466.00	-0.028	184.8	-0.0222
466.03	-0.017	193	-0.024	466.05	-0.029	184.4	-0.0231
466.07	-0.017	192.9	-0.024	466.08	-0.029	184.4	-0.024
466.10	-0.017	192.8	-0.024	466.12	-0.029	184.2	-0.024
466.13	-0.017	192.7	-0.024	466.13	-0.028	184.1	-0.024
466.17	-0.016	192.7	-0.024	466.17	-0.028	184	-0.0231
466.20	-0.016	192.7	-0.0231	466.20	-0.027	183.9	-0.0222
466.23	-0.016	192.6	-0.0222	466.23	-0.026	183.9	-0.0213
466.27	-0.014	192.7	-0.0204	466.27	-0.024	183.9	-0.0213
466.30	-0.013	192.7	-0.0195	466.30	-0.022	183.9	-0.0186
466.33	-0.013	192.7	-0.0178	466.33	-0.022	183.9	-0.0169
466.37	-0.011	192.8	-0.0178	466.37	-0.021	184.1	-0.0133
466.40	-0.009	192.8	-0.016	466.40	-0.017	184.2	-0.0089
466.43	-0.009	192.8	-0.0133	466.43	-0.016	184.3	-0.0053
466.47	-0.008	192.9	-0.0107	466.47	-0.014	184.6	-0.0009
466.50	-0.006	193.1	-0.008	466.50	-0.009	184.8	-0.0009
466.53	-0.004	193.2	-0.0053	466.53	-0.008	184.8	0.0044
466.57	-0.002	193.3	-0.0018	466.57	-0.008	185	0.0098
466.60	0	193.6	0.0018	466.60	-0.006	185.4	0.016
466.63	0.003	193.8	0.0018	466.63	0	185.8	0.024
466.67	0.003	193.8	0.0053	466.67	0.001	186	0.0311
466.70	0.004	193.9	0.0089	466.70	0.004	186.5	0.0382
466.73	0.006	194.2	0.0124	466.73	0.01	187	0.0382
466.77	0.008	194.4	0.016	466.77	0.011	187	0.047
466.80	0.01	194.6	0.0213	466.80	0.011	187.3	0.0524
466.83	0.013	194.9	0.0257	466.83	0.013	187.7	0.0595
466.87	0.015	195.2	0.0257	466.87	0.018	188.2	0.0675
466.90	0.015	195.2	0.0293	466.90	0.02	188.5	0.0737
466.93	0.016	195.4	0.0328	466.93	0.022	189	0.0808
466.97	0.018	195.7	0.0355	466.97	0.027	189.4	0.0808
467.00	0.02	196	0.0399	467.00	0.028	189.4	0.0879
467.03	0.021	196.2	0.0426	467.03	0.028	189.8	0.0932
467.08	0.023	196.4	0.0462	467.07	0.03	190.2	0.0994
467.12	0.024	196.6	0.047	467.10	0.033	190.6	0.1047
467.15	0.025	196.8	0.0488	467.13	0.034	190.9	0.1083
467.17	0.025	197	0.0506	467.17	0.035	191.3	0.1118
467.20	0.027	197.2	0.0506	467.20	0.038	191.6	0.1118
467.23	0.027	197.2	0.0533	467.23	0.038	191.6	0.1163
467.27	0.027	197.4	0.0541	467.27	0.038	191.9	0.1181
467.30	0.028	197.5	0.0559	467.30	0.039	192.1	0.1198
467.33	0.029	197.7	0.0568	467.33	0.04	192.4	0.1216
467.37	0.029	197.8	0.0568	467.37	0.04	192.6	0.1225
467.40	0.029	198	0.0568	467.40	0.04	192.8	0.1234
467.43	0.028	198.1	0.0568	467.43	0.04	192.9	0.1234
467.47	0.028	198.1	0.0568	467.47	0.04	192.9	0.1234
467.50	0.028	198.1	0.0568	467.52	0.039	193.2	0.1234
467.53	0.028	198.2	0.0559	467.55	0.039	193.3	0.1234
467.57	0.027	198.2	0.0559	467.57	0.037	193.3	0.1225
467.60	0.026	198.2	0.0541	467.60	0.037	193.3	0.1207
467.63	0.025	198.2	0.0524	467.63	0.036	193.3	0.1172
467.67	0.023	198.2	0.0524	467.67	0.032	193.2	0.1145
467.70	0.022	198.2	0.0497	467.70	0.031	193.1	0.1118
467.73	0.022	198.2	0.0488	467.73	0.03	193	0.1074
467.77	0.021	198	0.0453	467.77	0.025	192.8	0.1074
467.80	0.018	197.9	0.0426	467.80	0.024	192.8	0.103
467.83	0.017	197.9	0.0408	467.83	0.024	192.7	0.0994
467.87	0.016	197.7	0.0373	467.87	0.022	192.5	0.0932
467.90	0.012	197.5	0.0373	467.90	0.017	192.1	0.087
467.93	0.011	197.5	0.0337	467.93	0.015	191.9	0.0826
467.97	0.011	197.4	0.0311	467.97	0.013	191.6	0.0754

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
468.00	0.01	197.1	0.0275	468.00	0.008	191.2	0.0754
468.03	0.006	196.9	0.0222	468.03	0.005	190.8	0.0675
468.07	0.005	196.8	0.0186	468.07	0.005	190.8	0.0612
468.10	0.004	196.5	0.0151	468.10	0.004	190.5	0.0541
468.13	0	196.2	0.0151	468.13	-0.001	190	0.0453
468.17	-0.001	196.2	0.0107	468.17	-0.004	189.6	0.0399
468.20	-0.001	196	0.0071	468.20	-0.006	189.2	0.032
468.23	-0.003	195.7	0.0036	468.23	-0.01	188.6	0.032
468.27	-0.006	195.4	-0.0009	468.27	-0.013	188.3	0.024
468.30	-0.007	195.2	-0.0036	468.30	-0.013	188.3	0.0178
468.33	-0.008	194.9	-0.0071	468.33	-0.014	187.9	0.0107
468.37	-0.011	194.6	-0.0071	468.37	-0.018	187.3	0.0044
468.40	-0.012	194.6	-0.0107	468.40	-0.02	187	0
468.43	-0.012	194.4	-0.0124	468.43	-0.021	186.5	-0.0053
468.47	-0.012	194.2	-0.0151	468.47	-0.023	186.1	-0.0053
468.50	-0.015	193.9	-0.0178	468.50	-0.025	185.7	-0.0098
468.55	-0.015	193.7	-0.0195	468.53	-0.025	185.7	-0.0133
468.58	-0.015	193.6	-0.0204	468.57	-0.026	185.4	-0.0169
468.60	-0.016	193.4	-0.0222	468.60	-0.027	185.1	-0.0195
468.63	-0.017	193.2	-0.0222	468.63	-0.028	184.8	-0.0213
468.67	-0.017	193.1	-0.024	468.67	-0.028	184.6	-0.0222
468.70	-0.017	192.9	-0.024	468.70	-0.029	184.4	-0.0222
468.73	-0.017	192.9	-0.024	468.73	-0.029	184.2	-0.0231
468.77	-0.017	192.8	-0.024	468.77	-0.029	184.2	-0.0231
468.80	-0.017	192.7	-0.024	468.80	-0.028	184.1	-0.024
468.83	-0.017	192.7	-0.024	468.83	-0.028	184	-0.0231
468.87	-0.016	192.7	-0.0231	468.87	-0.027	183.9	-0.0222
468.90	-0.015	192.6	-0.0222	468.90	-0.026	183.9	-0.0195
468.93	-0.014	192.6	-0.0222	468.93	-0.024	184	-0.0195
468.97	-0.013	192.7	-0.0204	468.98	-0.022	184	-0.016
469.00	-0.013	192.7	-0.0195	469.02	-0.022	184	-0.0142
469.03	-0.012	192.7	-0.0169	469.03	-0.02	184.2	-0.0107
469.07	-0.01	192.8	-0.0151	469.07	-0.016	184.3	-0.0107
469.10	-0.008	192.9	-0.0124	469.10	-0.016	184.3	-0.0071
469.13	-0.007	192.9	-0.0098	469.13	-0.015	184.4	-0.0027
469.17	-0.005	193.1	-0.0098	469.17	-0.012	184.8	0.0027
469.20	-0.003	193.3	-0.0071	469.20	-0.008	185	0.008
469.23	-0.003	193.3	-0.0044	469.23	-0.007	185.2	0.0133
469.27	-0.002	193.4	-0.0009	469.27	-0.003	185.6	0.0213
469.30	0.001	193.7	0.0036	469.30	0.001	185.9	0.0213
469.33	0.004	193.8	0.0071	469.33	0.001	185.9	0.0293
469.37	0.004	194	0.0098	469.37	0.002	186.2	0.0355
469.40	0.007	194.3	0.0098	469.40	0.006	186.7	0.0435
469.43	0.01	194.5	0.0142	469.43	0.011	187.1	0.0506
469.47	0.01	194.5	0.0186	469.47	0.012	187.5	0.0568
469.50	0.011	194.7	0.0222	469.50	0.015	188	0.0648
469.53	0.013	195	0.0275	469.53	0.02	188.4	0.0648
469.57	0.016	195.2	0.0311	469.57	0.021	188.4	0.0719
469.60	0.017	195.5	0.0346	469.60	0.021	188.7	0.0772
469.63	0.019	195.8	0.0382	469.63	0.024	189.2	0.0843
469.67	0.021	196.1	0.0382	469.67	0.027	189.6	0.0905
469.70	0.022	196.1	0.0417	469.70	0.029	189.9	0.0959
469.73	0.022	196.3	0.0444	469.73	0.031	190.4	0.1021
469.77	0.023	196.5	0.0462	469.77	0.034	190.8	0.1021
469.80	0.025	196.7	0.0488	469.80	0.035	190.8	0.1074
469.83	0.025	196.9	0.0497	469.83	0.035	191.1	0.1101
469.87	0.026	197.2	0.0533	469.87	0.036	191.4	0.1145
469.90	0.028	197.3	0.0533	469.90	0.039	191.8	0.1181
469.93	0.028	197.3	0.055	469.93	0.039	192	0.1198
469.98	0.028	197.6	0.0559	469.97	0.039	192.3	0.1216
470.02	0.029	197.7	0.0559	470.00	0.04	192.5	0.1216
470.05	0.029	197.7	0.0568	470.03	0.04	192.5	0.1234
470.07	0.029	197.9	0.0568	470.07	0.04	192.7	0.1234

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
470.10	0.029	198	0.0568	470.10	0.04	192.8	0.1243
470.13	0.028	198.1	0.0568	470.13	0.04	193	0.1243
470.17	0.028	198.2	0.0568	470.17	0.04	193.1	0.1243
470.20	0.028	198.2	0.0559	470.20	0.039	193.2	0.1225
470.23	0.026	198.2	0.0559	470.23	0.037	193.2	0.1225
470.27	0.026	198.2	0.0541	470.27	0.035	193.2	0.1207
470.30	0.026	198.2	0.0533	470.30	0.035	193.2	0.1181
470.33	0.025	198.2	0.0515	470.33	0.034	193.2	0.1163
470.37	0.022	198.1	0.0497	470.37	0.031	193.1	0.1127
470.40	0.021	198.1	0.0479	470.42	0.03	193	0.1092
470.43	0.02	198	0.0453	470.45	0.029	192.9	0.1074
470.47	0.017	197.9	0.0453	470.48	0.025	192.7	0.1021
470.50	0.016	197.9	0.0426	470.50	0.023	192.6	0.0985
470.53	0.016	197.8	0.0391	470.53	0.021	192.4	0.0923
470.57	0.015	197.6	0.0364	470.57	0.016	192	0.0923
470.60	0.011	197.4	0.0328	470.60	0.014	192	0.0852
470.63	0.011	197.3	0.0293	470.63	0.014	191.8	0.0808
470.67	0.009	197	0.0249	470.67	0.012	191.4	0.0728
470.70	0.005	196.8	0.0249	470.70	0.006	191	0.0648
470.73	0.004	196.8	0.0204	470.73	0.004	190.6	0.0595
470.77	0.004	196.6	0.0169	470.77	0.002	190.3	0.0524
470.80	0.003	196.4	0.0133	470.80	-0.003	189.8	0.0524
470.83	-0.001	196.1	0.0089	470.83	-0.005	189.4	0.0435
470.87	-0.002	195.9	0.0062	470.87	-0.005	189.4	0.0373
470.90	-0.004	195.6	0.0018	470.90	-0.007	189	0.0302
470.93	-0.007	195.3	0.0018	470.93	-0.011	188.4	0.0213
470.97	-0.007	195.3	-0.0018	470.97	-0.014	188.1	0.016
471.00	-0.007	195	-0.0044	471.00	-0.015	187.7	0.0089
471.03	-0.009	194.8	-0.0089	471.03	-0.019	187.1	0.0089
471.07	-0.012	194.5	-0.0124	471.07	-0.02	186.7	0.0027
471.10	-0.012	194.3	-0.0142	471.10	-0.02	186.7	-0.0009
471.13	-0.013	194.1	-0.016	471.13	-0.022	186.4	-0.0071
471.17	-0.015	193.8	-0.016	471.17	-0.024	185.9	-0.0107
471.20	-0.016	193.8	-0.0186	471.20	-0.026	185.6	-0.0142
471.23	-0.016	193.6	-0.0195	471.23	-0.026	185.3	-0.016
471.27	-0.016	193.5	-0.0213	471.27	-0.027	185	-0.016
471.30	-0.017	193.3	-0.0222	471.30	-0.029	184.7	-0.0195
471.33	-0.017	193.1	-0.0231	471.33	-0.029	184.7	-0.0213
471.37	-0.017	193	-0.024	471.37	-0.028	184.5	-0.0222
471.40	-0.017	192.9	-0.024	471.40	-0.029	184.3	-0.0222
471.45	-0.017	192.8	-0.024	471.43	-0.029	184.2	-0.0231
471.48	-0.017	192.7	-0.024	471.47	-0.028	184	-0.0222
471.50	-0.016	192.6	-0.024	471.50	-0.028	183.9	-0.0222
471.53	-0.016	192.6	-0.0231	471.53	-0.026	183.9	-0.0222
471.57	-0.016	192.6	-0.0222	471.57	-0.025	183.9	-0.0204
471.60	-0.015	192.6	-0.0204	471.60	-0.025	183.9	-0.0195
471.63	-0.014	192.6	-0.0195	471.63	-0.024	184	-0.016
471.67	-0.012	192.7	-0.0186	471.67	-0.021	184	-0.0133
471.70	-0.011	192.7	-0.016	471.70	-0.02	184.1	-0.0107
471.73	-0.009	192.8	-0.016	471.73	-0.018	184.3	-0.0071
471.77	-0.008	192.9	-0.0142	471.77	-0.014	184.5	-0.0071
471.80	-0.008	192.9	-0.0115	471.80	-0.013	184.5	-0.0018
471.83	-0.007	193	-0.0089	471.83	-0.013	184.6	0.0018
471.87	-0.004	193.2	-0.0053	471.88	-0.008	185.1	0.0071
471.90	-0.002	193.3	-0.0018	471.92	-0.006	185.1	0.0107
471.93	-0.001	193.5	0.0009	471.93	-0.006	185.3	0.0169
471.97	0.001	193.7	0.0044	471.97	-0.003	185.8	0.024
472.00	0.004	193.9	0.0044	472.00	0.003	186.1	0.0328
472.03	0.005	193.9	0.0089	472.03	0.004	186.4	0.0391
472.07	0.005	194.1	0.0115	472.07	0.007	186.8	0.0453
472.10	0.007	194.4	0.016	472.10	0.012	187.3	0.0453
472.13	0.011	194.6	0.0204	472.13	0.014	187.3	0.0541
472.17	0.012	194.8	0.024	472.17	0.014	187.6	0.0595

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
472.20	0.013	195.1	0.0284	472.20	0.016	188.1	0.0666
472.23	0.017	195.4	0.0284	472.23	0.021	188.5	0.0754
472.27	0.018	195.4	0.032	472.27	0.022	188.9	0.0808
472.30	0.018	195.6	0.0355	472.30	0.024	189.3	0.0879
472.33	0.019	195.9	0.0391	472.33	0.029	189.8	0.0879
472.37	0.022	196.1	0.0417	472.37	0.03	189.8	0.095
472.40	0.022	196.3	0.0444	472.40	0.03	190.1	0.0994
472.43	0.023	196.6	0.047	472.43	0.031	190.5	0.1047
472.47	0.026	196.8	0.047	472.47	0.035	190.9	0.1101
472.50	0.026	196.8	0.0497	472.50	0.036	191.2	0.1127
472.53	0.026	197	0.0515	472.53	0.037	191.5	0.1172
472.57	0.027	197.2	0.0533	472.57	0.039	191.9	0.1172
472.60	0.028	197.4	0.0541	472.60	0.039	191.9	0.1198
472.63	0.028	197.5	0.0559	472.63	0.039	192.1	0.1216
472.67	0.028	197.7	0.0559	472.67	0.04	192.3	0.1234
472.70	0.029	197.8	0.0559	472.70	0.04	192.6	0.1243
472.73	0.029	197.8	0.0568	472.73	0.04	192.8	0.1252
472.77	0.029	197.9	0.0568	472.77	0.04	192.9	0.1252
472.80	0.028	198	0.0568	472.80	0.04	193.1	0.1252
472.83	0.028	198.1	0.0568	472.83	0.04	193.2	0.1252
472.87	0.028	198.2	0.0559	472.87	0.04	193.2	0.1252
472.92	0.027	198.2	0.0541	472.90	0.038	193.3	0.1234
472.95	0.026	198.2	0.0541	472.93	0.036	193.2	0.1207
472.97	0.025	198.2	0.0524	472.97	0.034	193.2	0.1189
473.00	0.024	198.2	0.0506	473.00	0.033	193.2	0.1154
473.03	0.022	198.1	0.0506	473.03	0.03	193	0.1154
473.07	0.021	198.1	0.0488	473.07	0.028	192.9	0.1118
473.10	0.021	198.1	0.047	473.10	0.028	192.9	0.1092
473.13	0.019	198	0.0435	473.13	0.026	192.8	0.1039
473.17	0.017	197.8	0.0408	473.17	0.023	192.5	0.0985
473.20	0.015	197.7	0.0382	473.20	0.02	192.3	0.0941
473.23	0.014	197.6	0.0355	473.23	0.018	192.1	0.0879
473.27	0.011	197.3	0.0355	473.27	0.014	191.7	0.0879
473.30	0.009	197.2	0.0311	473.32	0.01	191.4	0.0746
473.33	0.009	197.2	0.0275	473.35	0.01	191.2	0.0701
473.37	0.008	197	0.0231	473.38	0.007	190.8	0.0639
473.40	0.005	196.7	0.0195	473.40	0.002	190.4	0.0639
473.43	0.003	196.5	0.016	473.43	0.002	190.4	0.0568
473.47	0.002	196.3	0.0115	473.47	0.001	190.1	0.0497
473.50	-0.001	196	0.0115	473.50	-0.003	189.5	0.0417
473.53	-0.003	195.8	0.0071	473.53	-0.007	189.1	0.0346
473.57	-0.003	195.8	0.0044	473.57	-0.008	188.8	0.0275
473.60	-0.004	195.5	0	473.60	-0.012	188.2	0.0195
473.63	-0.007	195.2	-0.0036	473.63	-0.015	187.8	0.0195
473.67	-0.009	194.9	-0.0071	473.67	-0.015	187.8	0.0133
473.70	-0.01	194.7	-0.0098	473.70	-0.016	187.5	0.008
473.73	-0.011	194.4	-0.0098	473.73	-0.019	186.9	0.0018
473.77	-0.013	194.2	-0.0124	473.77	-0.022	186.5	-0.0027
473.80	-0.013	194.2	-0.0151	473.80	-0.023	186.2	-0.0071
473.83	-0.014	194	-0.0169	473.83	-0.024	185.7	-0.0107
473.87	-0.015	193.7	-0.0195	473.87	-0.027	185.4	-0.0107
473.90	-0.016	193.5	-0.0213	473.90	-0.027	185.4	-0.0142
473.93	-0.016	193.4	-0.0222	473.93	-0.027	185.1	-0.016
473.97	-0.017	193.2	-0.0231	473.97	-0.028	184.9	-0.0186
474.00	-0.017	193.1	-0.0231	474.00	-0.029	184.6	-0.0204
474.03	-0.017	193.1	-0.024	474.03	-0.028	184.4	-0.0204
474.07	-0.017	192.9	-0.024	474.07	-0.029	184.2	-0.0213
474.10	-0.017	192.8	-0.024	474.10	-0.029	184.1	-0.0213
474.13	-0.017	192.7	-0.024	474.13	-0.028	184.1	-0.0222
474.17	-0.017	192.7	-0.024	474.17	-0.028	184	-0.0213
474.20	-0.016	192.7	-0.0222	474.20	-0.027	183.9	-0.0195
474.23	-0.015	192.6	-0.0222	474.23	-0.025	183.9	-0.0186
474.27	-0.014	192.6	-0.0213	474.27	-0.025	183.9	-0.0169

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
474.30	-0.014	192.6	-0.0204	474.30	-0.023	184	-0.0142
474.35	-0.012	192.7	-0.0186	474.33	-0.02	184.1	-0.0142
474.38	-0.011	192.7	-0.0178	474.37	-0.019	184.1	-0.0115
474.42	-0.011	192.7	-0.016	474.40	-0.019	184.1	-0.008
474.43	-0.01	192.8	-0.0133	474.43	-0.017	184.3	-0.0036
474.47	-0.007	193	-0.0107	474.47	-0.013	184.6	0.0009
474.50	-0.006	193	-0.008	474.50	-0.012	184.7	0.0053
474.53	-0.004	193.3	-0.0044	474.53	-0.01	185	0.0107
474.57	-0.001	193.4	-0.0044	474.57	-0.004	185.4	0.0107
474.60	0	193.4	-0.0009	474.60	-0.003	185.4	0.0186
474.63	0	193.6	0.0018	474.63	-0.003	185.6	0.024
474.67	0.002	193.8	0.0062	474.67	0	186	0.032
474.70	0.005	194	0.0098	474.70	0.005	186.4	0.0399
474.73	0.007	194.2	0.0133	474.73	0.007	186.7	0.0462
474.77	0.008	194.4	0.0169	474.78	0.009	187.2	0.0533
474.80	0.012	194.7	0.0169	474.82	0.013	187.5	0.0577
474.83	0.012	194.7	0.0213	474.83	0.015	187.8	0.0639
474.87	0.012	194.9	0.0249	474.87	0.017	188.2	0.071
474.90	0.014	195.2	0.0293	474.90	0.022	188.7	0.071
474.93	0.017	195.5	0.0337	474.93	0.024	188.7	0.0799
474.97	0.019	195.7	0.0364	474.97	0.024	189.1	0.0852
475.00	0.02	196	0.0399	475.00	0.025	189.5	0.0914
475.03	0.022	196.2	0.0399	475.03	0.03	190	0.0985
475.07	0.023	196.2	0.0435	475.07	0.031	190.3	0.103
475.10	0.023	196.4	0.0453	475.10	0.032	190.7	0.1074
475.13	0.024	196.7	0.0479	475.13	0.036	191.1	0.1074
475.17	0.026	196.9	0.0506	475.17	0.036	191.4	0.1127
475.20	0.026	197.1	0.0515	475.20	0.036	191.4	0.1163
475.23	0.027	197.2	0.0541	475.23	0.037	191.7	0.1189
475.27	0.028	197.4	0.0541	475.27	0.039	192	0.1225
475.30	0.028	197.4	0.055	475.30	0.04	192.3	0.1243
475.33	0.028	197.6	0.0559	475.33	0.04	192.5	0.1252
475.37	0.029	197.7	0.0568	475.37	0.04	192.7	0.1252
475.40	0.029	197.8	0.0568	475.40	0.04	192.8	0.126
475.43	0.029	197.9	0.0568	475.43	0.04	192.8	0.126
475.47	0.028	198	0.0568	475.47	0.04	193	0.126
475.50	0.028	198.1	0.0568	475.50	0.04	193.1	0.126
475.53	0.027	198.2	0.0568	475.53	0.039	193.2	0.126
475.57	0.027	198.2	0.055	475.57	0.038	193.3	0.1234
475.60	0.027	198.2	0.0541	475.60	0.036	193.2	0.1207
475.63	0.025	198.2	0.0524	475.63	0.033	193.2	0.1207
475.67	0.024	198.1	0.0515	475.67	0.032	193.2	0.1189
475.70	0.023	198.1	0.0488	475.70	0.032	193.2	0.1163
475.73	0.021	198	0.0488	475.73	0.03	193	0.1118
475.77	0.019	197.9	0.0462	475.77	0.026	192.9	0.1083
475.82	0.018	197.9	0.0426	475.80	0.025	192.7	0.1047
475.85	0.017	197.8	0.0426	475.83	0.023	192.5	0.0985
475.87	0.014	197.6	0.0399	475.87	0.018	192.2	0.0985
475.90	0.014	197.6	0.0373	475.90	0.018	192.2	0.0932
475.93	0.013	197.5	0.0337	475.93	0.017	192	0.087
475.97	0.01	197.2	0.0293	475.97	0.013	191.6	0.0799
476.00	0.008	197	0.0257	476.00	0.009	191.3	0.0728
476.03	0.007	196.9	0.0222	476.03	0.007	191	0.0657
476.07	0.004	196.6	0.0222	476.07	0.004	190.5	0.0586
476.10	0.002	196.4	0.0178	476.10	-0.001	190.1	0.0586
476.13	0.002	196.4	0.0142	476.13	-0.002	190.1	0.0515
476.17	0.001	196.2	0.0107	476.17	-0.002	189.8	0.0453
476.20	-0.002	195.9	0.0062	476.20	-0.005	189.2	0.0382
476.23	-0.004	195.6	0.0027	476.25	-0.01	188.8	0.0302
476.27	-0.005	195.4	-0.0018	476.28	-0.01	188.5	0.0257
476.30	-0.007	195	-0.0053	476.30	-0.012	188	0.0186
476.33	-0.01	194.8	-0.0053	476.33	-0.016	187.6	0.0115
476.37	-0.01	194.8	-0.0089	476.37	-0.017	187.2	0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
476.40	-0.01	194.6	-0.0107	476.40	-0.019	186.7	0.0018
476.43	-0.012	194.3	-0.0142	476.43	-0.023	186.3	0.0018
476.47	-0.014	194.1	-0.016	476.47	-0.024	186.3	-0.0036
476.50	-0.014	193.9	-0.0178	476.50	-0.024	186	-0.0071
476.53	-0.015	193.6	-0.0195	476.53	-0.025	185.6	-0.0107
476.57	-0.016	193.5	-0.0195	476.57	-0.027	185.3	-0.0142
476.60	-0.017	193.5	-0.0213	476.60	-0.027	185.1	-0.016
476.63	-0.017	193.3	-0.0231	476.63	-0.028	184.8	-0.0186
476.67	-0.017	193.1	-0.024	476.67	-0.029	184.5	-0.0186
476.70	-0.017	193	-0.024	476.70	-0.029	184.5	-0.0195
476.73	-0.017	192.9	-0.024	476.73	-0.029	184.3	-0.0204
476.77	-0.017	192.8	-0.024	476.77	-0.029	184.2	-0.0204
476.80	-0.017	192.7	-0.024	476.80	-0.028	184.1	-0.0204
476.83	-0.016	192.7	-0.024	476.83	-0.027	184	-0.0195
476.87	-0.016	192.6	-0.0231	476.87	-0.027	183.9	-0.0178
476.90	-0.016	192.6	-0.0222	476.90	-0.025	183.9	-0.0178
476.93	-0.014	192.6	-0.0213	476.93	-0.024	183.9	-0.0169
476.97	-0.014	192.6	-0.0195	476.97	-0.024	183.9	-0.0142
477.00	-0.013	192.7	-0.0178	477.00	-0.022	184	-0.0115
477.03	-0.01	192.7	-0.0178	477.03	-0.019	184.1	-0.0089
477.07	-0.009	192.7	-0.016	477.07	-0.018	184.2	-0.0053
477.10	-0.009	192.8	-0.0142	477.10	-0.016	184.4	-0.0009
477.13	-0.008	192.9	-0.0115	477.13	-0.012	184.7	-0.0009
477.17	-0.005	193.1	-0.008	477.17	-0.01	184.7	0.0036
477.20	-0.004	193.2	-0.0053	477.20	-0.01	184.8	0.0089
477.25	-0.002	193.4	-0.0018	477.23	-0.008	185.1	0.0151
477.28	0	193.5	0	477.27	-0.003	185.5	0.0222
477.32	0.001	193.6	0.0036	477.30	-0.001	185.8	0.0284
477.33	0.003	193.9	0.0071	477.33	0.001	186.1	0.0364
477.37	0.006	194.1	0.0071	477.37	0.007	186.6	0.0364
477.40	0.007	194.1	0.0115	477.40	0.008	186.6	0.0444
477.43	0.007	194.3	0.0151	477.43	0.008	186.9	0.0497
477.47	0.009	194.6	0.0195	477.47	0.011	187.3	0.0577
477.50	0.013	194.8	0.0231	477.50	0.016	187.8	0.0657
477.53	0.013	195	0.0275	477.53	0.018	188.2	0.071
477.57	0.015	195.3	0.0311	477.57	0.02	188.5	0.079
477.60	0.019	195.6	0.0311	477.60	0.024	189.1	0.079
477.63	0.019	195.6	0.0355	477.63	0.026	189.4	0.0861
477.67	0.019	195.8	0.0382	477.68	0.028	189.8	0.0959
477.70	0.02	196.1	0.0408	477.72	0.029	190.1	0.0959
477.73	0.023	196.3	0.0444	477.73	0.032	190.5	0.1003
477.77	0.024	196.5	0.047	477.77	0.032	190.5	0.1056
477.80	0.025	196.8	0.0497	477.80	0.033	190.8	0.111
477.83	0.026	197	0.0497	477.83	0.036	191.3	0.1163
477.87	0.027	197	0.0515	477.87	0.037	191.6	0.1189
477.90	0.027	197.1	0.0533	477.90	0.038	191.8	0.1225
477.93	0.028	197.3	0.0541	477.93	0.039	192.1	0.1225
477.97	0.028	197.5	0.0559	477.97	0.04	192.4	0.1243
478.00	0.029	197.7	0.0559	478.00	0.04	192.4	0.126
478.03	0.029	197.8	0.0559	478.03	0.04	192.6	0.1269
478.07	0.029	197.9	0.0559	478.07	0.04	192.8	0.1269
478.10	0.029	197.9	0.0568	478.10	0.04	192.9	0.1278
478.13	0.029	198	0.0568	478.13	0.04	193.1	0.1278
478.17	0.028	198.1	0.0568	478.17	0.04	193.2	0.1278
478.20	0.028	198.1	0.0559	478.20	0.038	193.3	0.1278
478.23	0.027	198.2	0.055	478.23	0.037	193.3	0.126
478.27	0.026	198.2	0.0533	478.27	0.037	193.3	0.1243
478.30	0.024	198.1	0.0533	478.30	0.035	193.3	0.1216
478.33	0.023	198.1	0.0515	478.33	0.033	193.2	0.1189
478.37	0.023	198.1	0.0506	478.37	0.031	193.2	0.1163
478.40	0.022	198.1	0.0479	478.40	0.03	193	0.1118
478.43	0.02	197.9	0.0453	478.43	0.025	192.8	0.1118
478.47	0.018	197.9	0.0426	478.47	0.024	192.8	0.1074

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
478.50	0.017	197.8	0.0399	478.50	0.024	192.7	0.103
478.53	0.015	197.6	0.0399	478.53	0.022	192.4	0.0976
478.57	0.013	197.5	0.0373	478.57	0.017	192.1	0.0914
478.60	0.013	197.5	0.0337	478.60	0.016	191.9	0.0861
478.63	0.011	197.3	0.0302	478.63	0.012	191.5	0.079
478.67	0.008	197.1	0.0257	478.67	0.008	191.2	0.079
478.72	0.007	196.9	0.0222	478.70	0.006	191.2	0.0719
478.75	0.006	196.8	0.0195	478.73	0.006	190.8	0.0657
478.77	0.004	196.5	0.016	478.77	0.003	190.4	0.0577
478.80	0.001	196.3	0.0124	478.80	-0.002	190	0.0506
478.83	0	196.1	0.0089	478.83	-0.003	189.6	0.0435
478.87	-0.003	195.7	0.0089	478.87	-0.006	189.1	0.0364
478.90	-0.005	195.5	0.0036	478.90	-0.01	188.7	0.0364
478.93	-0.005	195.5	0.0009	478.93	-0.012	188.7	0.0284
478.97	-0.006	195.2	-0.0027	478.97	-0.012	188.3	0.0213
479.00	-0.008	194.9	-0.0062	479.00	-0.014	187.8	0.0151
479.03	-0.01	194.7	-0.0098	479.03	-0.018	187.3	0.0089
479.07	-0.011	194.4	-0.0124	479.07	-0.019	187	0.0044
479.10	-0.013	194.1	-0.0151	479.10	-0.021	186.4	-0.0018
479.13	-0.014	194	-0.0151	479.15	-0.024	186	-0.0062
479.17	-0.014	194	-0.0169	479.18	-0.025	185.8	-0.008
479.20	-0.015	193.8	-0.0186	479.20	-0.025	185.5	-0.0107
479.23	-0.016	193.5	-0.0204	479.23	-0.027	185.2	-0.0107
479.27	-0.017	193.3	-0.0222	479.27	-0.027	185.2	-0.0142
479.30	-0.017	193.2	-0.0231	479.30	-0.027	184.9	-0.016
479.33	-0.017	193.1	-0.024	479.33	-0.028	184.7	-0.0178
479.37	-0.017	192.9	-0.024	479.37	-0.029	184.4	-0.0186
479.40	-0.017	192.9	-0.0249	479.40	-0.029	184.2	-0.0186
479.43	-0.017	192.8	-0.024	479.43	-0.029	184.1	-0.0195
479.47	-0.017	192.7	-0.024	479.47	-0.028	184	-0.0195
479.50	-0.016	192.7	-0.024	479.50	-0.027	184	-0.0186
479.53	-0.016	192.6	-0.0231	479.53	-0.027	183.9	-0.0186
479.57	-0.015	192.6	-0.0213	479.57	-0.026	183.9	-0.0169
479.60	-0.014	192.6	-0.0213	479.60	-0.024	183.9	-0.0151
479.63	-0.013	192.6	-0.0204	479.63	-0.023	183.9	-0.0133
479.67	-0.013	192.6	-0.0195	479.67	-0.022	184	-0.0107
479.70	-0.012	192.7	-0.0169	479.70	-0.018	184.2	-0.0107
479.73	-0.009	192.8	-0.0151	479.73	-0.017	184.2	-0.0062
479.77	-0.009	192.8	-0.0124	479.77	-0.017	184.3	-0.0036
479.80	-0.007	193	-0.0098	479.80	-0.015	184.5	0.0009
479.83	-0.004	193.1	-0.0098	479.83	-0.01	184.8	0.0062
479.87	-0.004	193.1	-0.0062	479.87	-0.009	184.9	0.0115
479.90	-0.004	193.2	-0.0044	479.90	-0.007	185.3	0.0178
479.93	-0.002	193.4	0	479.93	-0.001	185.7	0.0178
479.97	0.002	193.7	0.0036	479.97	0	185.7	0.0257
480.00	0.003	193.8	0.0071	480.00	0	185.9	0.032
480.03	0.004	194	0.0107	480.03	0.002	186.3	0.0391
480.07	0.008	194.3	0.0107	480.07	0.009	186.7	0.0479
480.10	0.009	194.3	0.0151	480.10	0.009	187.1	0.0533
480.13	0.009	194.5	0.0186	480.13	0.012	187.6	0.0604
480.18	0.013	194.9	0.0222	480.17	0.017	188	0.0604
480.22	0.014	195.1	0.0249	480.20	0.019	188	0.0683
480.23	0.014	195.1	0.0284	480.23	0.019	188.3	0.0746
480.27	0.016	195.4	0.0328	480.27	0.021	188.8	0.0817
480.30	0.019	195.7	0.0364	480.30	0.026	189.3	0.0897
480.33	0.02	195.9	0.0391	480.33	0.027	189.6	0.0941
480.37	0.021	196.1	0.0426	480.37	0.029	190.1	0.1012
480.40	0.023	196.4	0.0426	480.40	0.033	190.5	0.1012
480.43	0.024	196.6	0.0453	480.43	0.033	190.5	0.1074
480.47	0.024	196.6	0.0479	480.47	0.033	190.8	0.1101
480.50	0.025	196.8	0.0506	480.50	0.035	191.2	0.1145
480.53	0.027	197.1	0.0524	480.53	0.037	191.5	0.1189
480.57	0.027	197.2	0.0533	480.58	0.038	191.8	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
480.60	0.028	197.4	0.055	480.62	0.038	192	0.1225
480.63	0.028	197.6	0.055	480.65	0.04	192.3	0.1243
480.67	0.029	197.7	0.0559	480.67	0.04	192.5	0.1252
480.70	0.029	197.7	0.0568	480.70	0.04	192.7	0.1269
480.73	0.029	197.8	0.0568	480.73	0.04	192.9	0.1269
480.77	0.029	197.9	0.0568	480.77	0.04	193	0.1269
480.80	0.028	198	0.0568	480.80	0.04	193	0.1278
480.83	0.028	198.1	0.0568	480.83	0.04	193.2	0.1269
480.87	0.028	198.1	0.0559	480.87	0.039	193.3	0.126
480.90	0.026	198.2	0.0559	480.90	0.037	193.3	0.1243
480.93	0.026	198.2	0.0541	480.93	0.036	193.3	0.1225
480.97	0.026	198.2	0.0533	480.97	0.034	193.2	0.1225
481.00	0.025	198.1	0.0515	481.00	0.032	193.2	0.1189
481.03	0.022	198.1	0.0488	481.03	0.032	193.2	0.1172
481.07	0.021	198.1	0.047	481.07	0.031	193.1	0.1127
481.10	0.02	197.9	0.0444	481.10	0.027	192.9	0.1092
481.13	0.017	197.8	0.0444	481.13	0.024	192.8	0.1047
481.17	0.016	197.8	0.0417	481.17	0.023	192.6	0.1003
481.20	0.016	197.7	0.0399	481.20	0.02	192.3	0.1003
481.23	0.015	197.5	0.0364	481.23	0.016	192	0.0941
481.27	0.011	197.3	0.032	481.27	0.016	192	0.0888
481.30	0.01	197.2	0.0293	481.30	0.015	191.8	0.0826
481.33	0.009	197	0.0249	481.33	0.01	191.3	0.0746
481.37	0.005	196.8	0.0249	481.37	0.006	191	0.0675
481.40	0.004	196.8	0.0204	481.40	0.005	190.7	0.0604
481.43	0.004	196.6	0.0178	481.43	0.001	190.2	0.0604
481.47	0.003	196.3	0.0133	481.47	-0.003	189.8	0.0524
481.50	-0.001	196.1	0.0089	481.50	-0.003	189.8	0.0453
481.53	-0.002	195.8	0.0062	481.53	-0.005	189.4	0.0382
481.57	-0.003	195.6	0.0018	481.57	-0.008	188.9	0.0311
481.62	-0.007	195.2	-0.0027	481.60	-0.012	188.5	0.0231
481.65	-0.007	195	-0.0044	481.63	-0.013	188.1	0.0169
481.67	-0.008	194.8	-0.0071	481.67	-0.016	187.5	0.0098
481.70	-0.011	194.5	-0.0071	481.70	-0.019	187.1	0.0098
481.73	-0.011	194.5	-0.0107	481.73	-0.019	187.1	0.0044
481.77	-0.011	194.3	-0.0124	481.77	-0.02	186.7	-0.0009
481.80	-0.013	194.1	-0.016	481.80	-0.023	186.2	-0.0053
481.83	-0.015	193.8	-0.0178	481.83	-0.025	185.9	-0.0089
481.87	-0.015	193.6	-0.0195	481.87	-0.025	185.6	-0.0124
481.90	-0.016	193.5	-0.0213	481.90	-0.027	185.2	-0.0151
481.93	-0.017	193.3	-0.0213	481.93	-0.028	185	-0.0151
481.97	-0.017	193.3	-0.0222	481.97	-0.028	185	-0.0178
482.00	-0.017	193.1	-0.0231	482.00	-0.028	184.7	-0.0186
482.03	-0.017	193	-0.024	482.05	-0.029	184.3	-0.0195
482.07	-0.017	192.9	-0.024	482.08	-0.028	184.3	-0.0204
482.10	-0.017	192.8	-0.024	482.10	-0.028	184.2	-0.0204
482.13	-0.017	192.7	-0.024	482.13	-0.028	184	-0.0204
482.17	-0.016	192.6	-0.024	482.17	-0.027	183.9	-0.0204
482.20	-0.016	192.6	-0.0231	482.20	-0.027	183.9	-0.0186
482.23	-0.016	192.6	-0.0222	482.23	-0.026	183.9	-0.0169
482.27	-0.015	192.6	-0.0213	482.27	-0.024	183.9	-0.0169
482.30	-0.013	192.6	-0.0195	482.30	-0.023	183.9	-0.0151
482.33	-0.012	192.6	-0.0186	482.33	-0.023	184	-0.0124
482.37	-0.011	192.7	-0.016	482.37	-0.021	184.1	-0.0098
482.40	-0.01	192.8	-0.016	482.40	-0.017	184.3	-0.0053
482.43	-0.008	192.9	-0.0142	482.43	-0.016	184.4	-0.0018
482.47	-0.008	192.9	-0.0115	482.47	-0.014	184.6	0.0027
482.50	-0.006	193	-0.008	482.50	-0.009	184.9	0.0027
482.53	-0.004	193.2	-0.0053	482.53	-0.008	184.9	0.008
482.57	-0.002	193.3	-0.0027	482.57	-0.008	185.1	0.0133
482.60	-0.001	193.4	0.0018	482.60	-0.005	185.4	0.0204
482.63	0.001	193.7	0.0018	482.63	0	185.8	0.0284
482.67	0.004	193.9	0.0044	482.67	0.001	186.1	0.0346

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
482.70	0.004	193.9	0.0089	482.70	0.004	186.5	0.0426
482.73	0.006	194.1	0.0124	482.73	0.009	187	0.0426
482.77	0.008	194.4	0.0169	482.77	0.011	187	0.0506
482.80	0.011	194.6	0.0204	482.80	0.011	187.3	0.0559
482.83	0.012	194.8	0.024	482.83	0.013	187.8	0.063
482.87	0.014	195.1	0.0293	482.87	0.019	188.2	0.0719
482.90	0.017	195.3	0.0293	482.90	0.02	188.5	0.0772
482.93	0.017	195.3	0.0328	482.93	0.022	189	0.0843
482.97	0.017	195.6	0.0355	482.97	0.027	189.5	0.0843
483.00	0.019	195.9	0.0391	483.00	0.028	189.5	0.0914
483.03	0.022	196.1	0.0426	483.03	0.028	189.8	0.0968
483.08	0.022	196.3	0.0444	483.07	0.03	190.2	0.1021
483.12	0.023	196.5	0.0462	483.10	0.033	190.6	0.1083
483.13	0.025	196.7	0.0488	483.13	0.034	190.9	0.1118
483.17	0.026	196.9	0.0506	483.17	0.035	191.3	0.1163
483.20	0.026	197.1	0.0533	483.20	0.038	191.7	0.1163
483.23	0.028	197.3	0.0533	483.23	0.039	191.7	0.1198
483.27	0.028	197.3	0.0541	483.27	0.039	191.9	0.1216
483.30	0.028	197.5	0.055	483.30	0.039	192.2	0.1243
483.33	0.028	197.6	0.0559	483.33	0.04	192.4	0.126
483.37	0.029	197.8	0.0568	483.37	0.04	192.6	0.1269
483.40	0.029	197.9	0.0568	483.40	0.04	192.8	0.1269
483.43	0.029	198	0.0568	483.43	0.04	193	0.1269
483.47	0.029	198.1	0.0568	483.48	0.04	193.1	0.1278
483.50	0.028	198.1	0.0568	483.52	0.04	193.2	0.1269
483.53	0.028	198.1	0.0568	483.55	0.039	193.3	0.1269
483.57	0.027	198.2	0.055	483.57	0.037	193.3	0.1269
483.60	0.026	198.2	0.0541	483.60	0.037	193.3	0.1243
483.63	0.025	198.2	0.0524	483.63	0.035	193.3	0.1216
483.67	0.024	198.1	0.0506	483.67	0.033	193.2	0.1189
483.70	0.022	198.1	0.0506	483.70	0.031	193.2	0.1163
483.73	0.021	198.1	0.0488	483.73	0.03	193.1	0.1118
483.77	0.021	198	0.0462	483.77	0.026	192.9	0.1118
483.80	0.02	197.9	0.0435	483.80	0.023	192.7	0.1074
483.83	0.017	197.8	0.0408	483.83	0.023	192.7	0.103
483.87	0.016	197.7	0.0391	483.87	0.022	192.5	0.0976
483.90	0.014	197.5	0.0346	483.90	0.018	192.2	0.0923
483.93	0.011	197.3	0.0346	483.93	0.015	191.9	0.0861
483.97	0.009	197.3	0.0311	483.97	0.013	191.7	0.079
484.00	0.009	197.1	0.0284	484.00	0.009	191.2	0.079
484.03	0.008	197	0.0231	484.03	0.005	190.8	0.071
484.07	0.005	196.7	0.0195	484.07	0.005	190.8	0.0648
484.10	0.003	196.5	0.016	484.10	0.003	190.5	0.0577
484.13	0.002	196.3	0.0124	484.13	-0.001	190	0.0497
484.17	-0.002	196	0.0124	484.17	-0.004	189.6	0.0435
484.20	-0.003	195.7	0.008	484.20	-0.006	189.3	0.0364
484.23	-0.003	195.7	0.0044	484.23	-0.009	188.7	0.0284
484.27	-0.004	195.5	0.0009	484.27	-0.013	188.3	0.0284
484.30	-0.007	195.1	-0.0027	484.30	-0.013	188.3	0.0213
484.33	-0.008	194.9	-0.0062	484.33	-0.014	187.9	0.0142
484.37	-0.01	194.7	-0.0098	484.37	-0.017	187.4	0.008
484.40	-0.012	194.4	-0.0098	484.40	-0.02	187	0.0027
484.43	-0.013	194.2	-0.0133	484.43	-0.021	186.6	-0.0018
484.47	-0.013	194.2	-0.0151	484.47	-0.023	186.1	-0.0062
484.52	-0.015	193.7	-0.0169	484.50	-0.025	185.8	-0.0062
484.55	-0.015	193.6	-0.0186	484.53	-0.026	185.8	-0.0098
484.58	-0.015	193.6	-0.0195	484.57	-0.026	185.5	-0.0133
484.60	-0.016	193.4	-0.0213	484.60	-0.027	185.1	-0.0151
484.63	-0.017	193.2	-0.0231	484.63	-0.028	184.9	-0.0178
484.67	-0.017	193.1	-0.0231	484.67	-0.028	184.7	-0.0186
484.70	-0.017	192.9	-0.024	484.70	-0.029	184.5	-0.0195
484.73	-0.017	192.8	-0.024	484.73	-0.029	184.3	-0.0195
484.77	-0.017	192.7	-0.024	484.77	-0.029	184.3	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
484.80	-0.017	192.7	-0.024	484.80	-0.029	184.1	-0.0195
484.83	-0.017	192.7	-0.024	484.83	-0.028	184	-0.0195
484.87	-0.016	192.6	-0.0231	484.87	-0.027	184	-0.0186
484.90	-0.015	192.6	-0.0222	484.90	-0.026	183.9	-0.0169
484.93	-0.014	192.6	-0.0204	484.95	-0.025	184	-0.0151
484.97	-0.013	192.6	-0.0186	484.98	-0.023	184	-0.0142
485.00	-0.012	192.6	-0.0186	485.00	-0.022	184	-0.0115
485.03	-0.011	192.6	-0.0178	485.03	-0.02	184.1	-0.008
485.07	-0.011	192.7	-0.016	485.07	-0.016	184.3	-0.008
485.10	-0.01	192.8	-0.0133	485.10	-0.015	184.3	-0.0036
485.13	-0.006	192.9	-0.0098	485.13	-0.015	184.5	0.0009
485.17	-0.006	193	-0.0071	485.17	-0.013	184.7	0.0053
485.20	-0.004	193.2	-0.0044	485.20	-0.008	185	0.0107
485.23	-0.001	193.4	-0.0044	485.23	-0.007	185.2	0.016
485.27	0	193.4	-0.0009	485.27	-0.004	185.6	0.0231
485.30	0	193.5	0.0018	485.30	0.001	185.9	0.0231
485.33	0.002	193.7	0.0053	485.33	0.003	185.9	0.032
485.37	0.005	194	0.0098	485.37	0.003	186.2	0.0373
485.40	0.006	194.2	0.0133	485.40	0.005	186.6	0.0453
485.43	0.008	194.4	0.0178	485.43	0.011	187.1	0.0533
485.47	0.012	194.7	0.0178	485.47	0.012	187.5	0.0595
485.50	0.013	194.7	0.0222	485.50	0.015	187.9	0.0666
485.53	0.013	194.9	0.0257	485.53	0.02	188.4	0.0666
485.57	0.014	195.1	0.0302	485.57	0.021	188.4	0.0746
485.60	0.017	195.4	0.0337	485.60	0.021	188.7	0.0799
485.63	0.018	195.7	0.0373	485.63	0.023	189.1	0.087
485.67	0.02	196	0.0399	485.67	0.028	189.6	0.095
485.70	0.023	196.2	0.0399	485.70	0.029	190	0.1003
485.73	0.023	196.2	0.0435	485.73	0.031	190.4	0.1056
485.77	0.023	196.4	0.0462	485.77	0.034	190.8	0.1056
485.80	0.024	196.6	0.0488	485.80	0.035	190.8	0.111
485.83	0.026	196.8	0.0506	485.83	0.035	191.1	0.1136
485.87	0.026	197	0.0524	485.87	0.036	191.4	0.1181
485.90	0.027	197.2	0.0533	485.90	0.038	191.8	0.1216
485.93	0.028	197.4	0.0533	485.93	0.039	192	0.1234
485.98	0.028	197.5	0.0559	485.97	0.039	192.3	0.1252
486.02	0.028	197.7	0.0568	486.00	0.04	192.5	0.1252
486.03	0.029	197.8	0.0568	486.03	0.04	192.7	0.1269
486.07	0.029	197.8	0.0568	486.07	0.04	192.7	0.1278
486.10	0.029	197.9	0.0568	486.10	0.04	192.9	0.1278
486.13	0.029	198	0.0568	486.13	0.04	193.1	0.1278
486.17	0.028	198.1	0.0568	486.17	0.04	193.2	0.1278
486.20	0.028	198.1	0.0559	486.20	0.039	193.3	0.126
486.23	0.027	198.1	0.055	486.23	0.037	193.2	0.126
486.27	0.026	198.2	0.055	486.27	0.035	193.3	0.1243
486.30	0.024	198.2	0.0533	486.30	0.035	193.3	0.1225
486.33	0.024	198.1	0.0524	486.33	0.034	193.3	0.1198
486.37	0.024	198.1	0.0497	486.37	0.031	193.1	0.1163
486.40	0.021	198	0.0479	486.42	0.029	193	0.1136
486.43	0.02	198	0.0453	486.45	0.029	193	0.1101
486.47	0.019	197.9	0.0426	486.47	0.025	192.8	0.1056
486.50	0.016	197.7	0.0426	486.50	0.022	192.6	0.1012
486.53	0.014	197.7	0.0399	486.53	0.021	192.4	0.0959
486.57	0.014	197.6	0.0373	486.57	0.017	192.1	0.0959
486.60	0.013	197.4	0.0337	486.60	0.013	191.8	0.0888
486.63	0.01	197.2	0.0293	486.63	0.013	191.8	0.0834
486.67	0.009	197.1	0.0257	486.67	0.012	191.5	0.0763
486.70	0.007	196.8	0.0222	486.70	0.007	191	0.0683
486.73	0.004	196.6	0.0222	486.73	0.004	190.7	0.0621
486.77	0.002	196.4	0.0178	486.77	0.002	190.4	0.0559
486.80	0.002	196.4	0.0142	486.80	-0.002	189.8	0.0559
486.83	0.001	196.2	0.0098	486.83	-0.006	189.4	0.047
486.87	-0.002	195.8	0.0062	486.87	-0.006	189.4	0.0399

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
486.90	-0.004	195.6	0.0027	486.90	-0.007	189.1	0.0337
486.93	-0.005	195.3	-0.0018	486.93	-0.011	188.5	0.024
486.97	-0.008	195	-0.0018	486.97	-0.014	188.1	0.0178
487.00	-0.01	194.8	-0.0053	487.00	-0.015	187.7	0.0124
487.03	-0.01	194.8	-0.008	487.03	-0.018	187.2	0.0124
487.07	-0.01	194.6	-0.0107	487.07	-0.021	186.7	0.0062
487.10	-0.012	194.3	-0.0142	487.10	-0.021	186.7	0.0009
487.13	-0.014	194	-0.016	487.13	-0.022	186.4	-0.0036
487.17	-0.014	193.8	-0.0178	487.17	-0.024	186	-0.008
487.20	-0.015	193.6	-0.0178	487.20	-0.026	185.6	-0.0115
487.23	-0.016	193.4	-0.0195	487.23	-0.026	185.4	-0.0142
487.27	-0.016	193.4	-0.0213	487.27	-0.028	185	-0.0142
487.30	-0.017	193.3	-0.0222	487.30	-0.028	184.8	-0.0169
487.33	-0.017	193.1	-0.0231	487.33	-0.028	184.8	-0.0178
487.37	-0.017	193	-0.024	487.37	-0.028	184.6	-0.0186
487.42	-0.017	192.8	-0.024	487.40	-0.029	184.4	-0.0195
487.45	-0.017	192.7	-0.024	487.43	-0.029	184.2	-0.0204
487.48	-0.017	192.7	-0.024	487.47	-0.029	184.1	-0.0204
487.50	-0.017	192.6	-0.0231	487.50	-0.027	184	-0.0186
487.53	-0.016	192.6	-0.0222	487.53	-0.026	184	-0.0186
487.57	-0.015	192.6	-0.0222	487.57	-0.025	184	-0.0178
487.60	-0.014	192.6	-0.0213	487.60	-0.025	184	-0.016
487.63	-0.014	192.5	-0.0204	487.63	-0.024	184	-0.0142
487.67	-0.013	192.6	-0.0186	487.67	-0.021	184.1	-0.0107
487.70	-0.011	192.7	-0.0169	487.70	-0.02	184.2	-0.008
487.73	-0.01	192.7	-0.0151	487.73	-0.018	184.4	-0.0044
487.77	-0.009	192.8	-0.0115	487.77	-0.014	184.5	-0.0044
487.80	-0.006	193	-0.0115	487.80	-0.013	184.5	0
487.83	-0.005	193	-0.0089	487.85	-0.01	184.9	0.0071
487.87	-0.005	193.1	-0.0062	487.88	-0.008	185.1	0.0071
487.90	-0.003	193.3	-0.0036	487.92	-0.006	185.1	0.0124
487.93	0	193.4	0	487.93	-0.006	185.3	0.0195
487.97	0.001	193.6	0.0036	487.97	-0.003	185.8	0.0275
488.00	0.003	193.8	0.0071	488.00	0.003	186.2	0.0355
488.03	0.006	194.1	0.0071	488.03	0.004	186.4	0.0408
488.07	0.008	194.1	0.0124	488.07	0.007	187	0.0488
488.10	0.008	194.2	0.016	488.10	0.012	187.4	0.0488
488.13	0.009	194.5	0.0195	488.13	0.014	187.4	0.0568
488.17	0.013	194.8	0.0231	488.17	0.014	187.7	0.063
488.20	0.013	194.9	0.0275	488.20	0.016	188.2	0.0701
488.23	0.015	195.3	0.032	488.23	0.021	188.6	0.0781
488.27	0.019	195.6	0.032	488.27	0.022	189	0.0834
488.30	0.019	195.6	0.0364	488.30	0.024	189.4	0.0905
488.33	0.019	195.8	0.0382	488.33	0.029	189.9	0.0905
488.37	0.02	196	0.0417	488.37	0.03	189.9	0.0976
488.40	0.023	196.3	0.0444	488.40	0.03	190.2	0.103
488.43	0.024	196.5	0.047	488.43	0.032	190.6	0.1074
488.47	0.025	196.7	0.0497	488.47	0.035	191	0.1127
488.50	0.026	196.9	0.0497	488.50	0.035	191.3	0.1154
488.53	0.027	196.9	0.0524	488.53	0.037	191.6	0.1198
488.57	0.027	197.1	0.0533	488.57	0.039	191.9	0.1198
488.60	0.027	197.3	0.0541	488.60	0.039	191.9	0.1234
488.63	0.028	197.5	0.055	488.63	0.039	192.1	0.1243
488.67	0.028	197.6	0.0559	488.67	0.04	192.4	0.126
488.70	0.029	197.7	0.0568	488.70	0.04	192.6	0.1269
488.73	0.029	197.9	0.0568	488.73	0.04	192.8	0.1269
488.77	0.029	197.9	0.0568	488.77	0.04	193	0.1278
488.80	0.029	198	0.0568	488.80	0.04	193.1	0.1278
488.83	0.029	198	0.0568	488.83	0.039	193.1	0.1278
488.88	0.027	198.1	0.0559	488.87	0.039	193.3	0.1269
488.92	0.027	198.1	0.0559	488.90	0.038	193.3	0.1252
488.93	0.026	198.1	0.0541	488.93	0.036	193.3	0.1234
488.97	0.025	198.1	0.0524	488.97	0.034	193.3	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
489.00	0.024	198.1	0.0506	489.00	0.033	193.2	0.1181
489.03	0.023	198.1	0.0488	489.03	0.03	193.1	0.1181
489.07	0.021	198	0.0488	489.07	0.028	193	0.1145
489.10	0.019	197.9	0.047	489.10	0.028	193	0.111
489.13	0.019	197.9	0.0444	489.13	0.026	192.9	0.1056
489.17	0.018	197.8	0.0417	489.17	0.023	192.6	0.1012
489.20	0.016	197.6	0.0382	489.20	0.02	192.4	0.0968
489.23	0.013	197.5	0.0355	489.23	0.018	192.2	0.0905
489.27	0.012	197.3	0.032	489.27	0.014	191.8	0.0905
489.30	0.009	197.1	0.032	489.32	0.011	191.5	0.0772
489.33	0.007	196.9	0.0275	489.35	0.01	191.3	0.0728
489.37	0.007	196.9	0.024	489.37	0.006	190.9	0.0728
489.40	0.007	196.8	0.0204	489.40	0.003	190.5	0.0666
489.43	0.003	196.5	0.016	489.43	0.003	190.5	0.0595
489.47	0.001	196.3	0.0124	489.47	0.001	190.2	0.0515
489.50	0	196	0.008	489.50	-0.004	189.6	0.0435
489.53	-0.003	195.7	0.008	489.53	-0.006	189.2	0.0373
489.57	-0.005	195.5	0.0044	489.57	-0.008	188.8	0.0293
489.60	-0.005	195.5	0.0009	489.60	-0.012	188.3	0.0293
489.63	-0.006	195.2	-0.0036	489.63	-0.015	187.9	0.0213
489.67	-0.008	194.9	-0.0062	489.67	-0.015	187.9	0.0151
489.70	-0.01	194.6	-0.0098	489.70	-0.016	187.5	0.0098
489.73	-0.011	194.4	-0.0124	489.73	-0.02	187	0.0036
489.77	-0.013	194.1	-0.0124	489.77	-0.022	186.6	-0.0009
489.80	-0.014	193.9	-0.0151	489.80	-0.022	186.2	-0.0053
489.83	-0.014	193.9	-0.0169	489.83	-0.025	185.8	-0.0053
489.87	-0.014	193.7	-0.0186	489.87	-0.026	185.5	-0.0098
489.90	-0.016	193.5	-0.0204	489.90	-0.026	185.5	-0.0124
489.93	-0.016	193.3	-0.0213	489.93	-0.027	185.2	-0.0151
489.97	-0.017	193.2	-0.0231	489.97	-0.028	184.9	-0.0178
490.00	-0.017	193	-0.0231	490.00	-0.029	184.7	-0.0186
490.03	-0.017	192.9	-0.0231	490.03	-0.029	184.5	-0.0195
490.07	-0.017	192.9	-0.024	490.07	-0.028	184.3	-0.0195
490.10	-0.017	192.8	-0.024	490.10	-0.028	184.2	-0.0195
490.13	-0.017	192.7	-0.024	490.13	-0.028	184.2	-0.0204
490.17	-0.016	192.6	-0.024	490.17	-0.028	184	-0.0195
490.20	-0.016	192.6	-0.0231	490.20	-0.027	184	-0.0186
490.23	-0.015	192.6	-0.0222	490.23	-0.026	184	-0.0169
490.27	-0.014	192.6	-0.0222	490.27	-0.025	184	-0.0151
490.30	-0.013	192.6	-0.0204	490.30	-0.023	184.1	-0.0133
490.35	-0.012	192.6	-0.0186	490.33	-0.02	184.1	-0.0133
490.38	-0.011	192.6	-0.0186	490.37	-0.019	184.1	-0.0098
490.40	-0.01	192.6	-0.0169	490.40	-0.019	184.2	-0.0062
490.43	-0.01	192.7	-0.0142	490.43	-0.017	184.4	-0.0027
490.47	-0.008	192.8	-0.0115	490.47	-0.013	184.6	0.0027
490.50	-0.005	193	-0.008	490.50	-0.011	184.8	0.0071
490.53	-0.004	193.1	-0.0053	490.53	-0.009	185.1	0.0124
490.57	-0.003	193.3	-0.0018	490.57	-0.004	185.4	0.0124
490.60	0.001	193.5	-0.0018	490.60	-0.003	185.4	0.0195
490.63	0.002	193.5	0.0018	490.63	-0.003	185.7	0.0249
490.67	0.002	193.6	0.0053	490.67	0	186.1	0.0337
490.70	0.004	193.9	0.0089	490.70	0.005	186.5	0.0408
490.73	0.007	194.1	0.0133	490.75	0.007	186.8	0.047
490.77	0.008	194.3	0.016	490.78	0.008	187.2	0.0515
490.80	0.01	194.6	0.0204	490.82	0.013	187.5	0.0586
490.83	0.013	194.9	0.0204	490.83	0.015	187.9	0.0648
490.87	0.014	194.9	0.0249	490.87	0.017	188.4	0.0737
490.90	0.014	195.1	0.0293	490.90	0.023	188.8	0.0737
490.93	0.016	195.4	0.0328	490.93	0.023	188.8	0.0808
490.97	0.019	195.6	0.0373	490.97	0.023	189.2	0.0861
491.00	0.02	195.9	0.0399	491.00	0.025	189.6	0.0932
491.03	0.021	196.1	0.0426	491.03	0.03	190.1	0.1012
491.07	0.023	196.4	0.0426	491.07	0.031	190.4	0.1047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
491.10	0.024	196.4	0.0462	491.10	0.032	190.7	0.1092
491.13	0.024	196.5	0.0479	491.13	0.036	191.2	0.1092
491.17	0.025	196.8	0.0497	491.17	0.036	191.2	0.1145
491.20	0.027	197	0.0524	491.20	0.036	191.4	0.1172
491.23	0.027	197.2	0.0533	491.23	0.037	191.7	0.1198
491.27	0.028	197.3	0.055	491.27	0.039	192.1	0.1234
491.30	0.029	197.5	0.055	491.30	0.039	192.3	0.1243
491.33	0.029	197.5	0.0559	491.33	0.04	192.5	0.126
491.37	0.029	197.6	0.0568	491.37	0.04	192.7	0.126
491.40	0.029	197.8	0.0568	491.40	0.04	192.9	0.1269
491.43	0.029	197.9	0.0568	491.43	0.04	192.9	0.1269
491.47	0.029	198	0.0568	491.47	0.04	193.1	0.1269
491.50	0.028	198.1	0.0568	491.50	0.04	193.2	0.1278
491.53	0.027	198.1	0.0568	491.53	0.039	193.3	0.1269
491.57	0.026	198.1	0.055	491.57	0.038	193.3	0.1243
491.60	0.026	198.1	0.0541	491.60	0.036	193.3	0.1243
491.63	0.026	198.1	0.0524	491.63	0.034	193.2	0.1216
491.67	0.024	198.1	0.0506	491.67	0.034	193.2	0.1198
491.70	0.022	198	0.0488	491.70	0.032	193.2	0.1163
491.73	0.022	198	0.047	491.73	0.029	193	0.1127
491.78	0.019	197.9	0.0444	491.77	0.026	192.9	0.1092
491.82	0.019	197.8	0.0435	491.80	0.025	192.8	0.1047
491.85	0.017	197.7	0.0399	491.83	0.022	192.5	0.1047
491.87	0.014	197.5	0.0399	491.87	0.019	192.3	0.0985
491.90	0.013	197.4	0.0364	491.90	0.019	192.3	0.0941
491.93	0.013	197.4	0.0346	491.93	0.017	192.1	0.0879
491.97	0.011	197.3	0.0293	491.97	0.013	191.6	0.0799
492.00	0.009	197	0.0257	492.00	0.009	191.3	0.0737
492.03	0.006	196.8	0.0213	492.03	0.007	191	0.0666
492.07	0.005	196.6	0.0186	492.07	0.003	190.5	0.0666
492.10	0.002	196.4	0.0186	492.10	0	190.2	0.0586
492.13	0	196.1	0.0142	492.13	0	190.2	0.0524
492.17	0	196.1	0.0107	492.17	-0.002	189.8	0.0453
492.20	-0.001	195.9	0.0071	492.22	-0.008	189	0.0373
492.23	-0.004	195.6	0.0027	492.25	-0.008	189	0.0328
492.27	-0.006	195.3	-0.0009	492.27	-0.01	188.6	0.0249
492.30	-0.006	195.1	-0.0044	492.30	-0.013	188.1	0.0178
492.33	-0.009	194.8	-0.0044	492.33	-0.016	187.7	0.0124
492.37	-0.011	194.5	-0.008	492.37	-0.017	187.3	0.0062
492.40	-0.011	194.5	-0.0107	492.40	-0.02	186.7	0.0009
492.43	-0.011	194.3	-0.0133	492.43	-0.023	186.4	0.0009
492.47	-0.013	194	-0.016	492.47	-0.023	186.4	-0.0036
492.50	-0.014	193.8	-0.0178	492.50	-0.023	186	-0.0071
492.53	-0.015	193.6	-0.0195	492.53	-0.025	185.6	-0.0115
492.57	-0.016	193.4	-0.0195	492.57	-0.027	185.3	-0.0142
492.60	-0.017	193.2	-0.0222	492.60	-0.027	185.1	-0.016
492.63	-0.017	193.2	-0.0231	492.63	-0.028	184.8	-0.0178
492.67	-0.017	193.1	-0.0231	492.67	-0.029	184.6	-0.0178
492.70	-0.017	192.9	-0.024	492.70	-0.029	184.6	-0.0195
492.73	-0.017	192.8	-0.024	492.73	-0.029	184.4	-0.0204
492.77	-0.017	192.7	-0.024	492.77	-0.029	184.2	-0.0204
492.80	-0.017	192.7	-0.024	492.80	-0.028	184.1	-0.0204
492.83	-0.016	192.6	-0.024	492.83	-0.028	184	-0.0195
492.87	-0.016	192.6	-0.024	492.87	-0.027	184	-0.0178
492.90	-0.016	192.6	-0.0222	492.90	-0.025	184	-0.0178
492.93	-0.015	192.6	-0.0213	492.93	-0.024	184	-0.016
492.97	-0.013	192.6	-0.0195	492.97	-0.024	184	-0.0151
493.00	-0.013	192.6	-0.0178	493.00	-0.022	184.1	-0.0115
493.03	-0.011	192.7	-0.016	493.03	-0.019	184.2	-0.008
493.07	-0.009	192.8	-0.016	493.07	-0.018	184.3	-0.0053
493.10	-0.008	192.8	-0.0133	493.10	-0.016	184.5	-0.0009
493.13	-0.008	192.8	-0.0115	493.13	-0.011	184.7	-0.0009
493.17	-0.006	193	-0.008	493.17	-0.01	184.7	0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
493.20	-0.003	193.1	-0.0053	493.20	-0.01	184.9	0.0089
493.25	-0.002	193.3	-0.0027	493.23	-0.008	185.2	0.0151
493.28	-0.002	193.4	-0.0009	493.27	-0.003	185.5	0.0222
493.30	0.001	193.6	0.0027	493.30	-0.001	185.8	0.0284
493.33	0.003	193.7	0.0062	493.33	0.001	186.2	0.0364
493.37	0.004	194	0.0107	493.37	0.007	186.6	0.0364
493.40	0.008	194.2	0.0107	493.40	0.008	186.6	0.0444
493.43	0.009	194.2	0.0151	493.43	0.008	187	0.0497
493.47	0.009	194.4	0.0186	493.47	0.011	187.4	0.0577
493.50	0.011	194.7	0.0222	493.50	0.016	187.9	0.0657
493.53	0.014	195	0.0275	493.53	0.017	188.2	0.0719
493.57	0.015	195.2	0.0311	493.57	0.02	188.6	0.079
493.60	0.017	195.5	0.0346	493.60	0.024	189.1	0.079
493.63	0.02	195.8	0.0346	493.63	0.026	189.5	0.0861
493.67	0.02	195.8	0.0382	493.68	0.027	189.8	0.0959
493.70	0.02	196	0.0408	493.72	0.03	190.2	0.0959
493.73	0.022	196.2	0.0435	493.73	0.032	190.6	0.1021
493.77	0.024	196.5	0.0462	493.77	0.032	190.6	0.1065
493.80	0.025	196.7	0.0488	493.80	0.033	190.9	0.111
493.83	0.026	196.9	0.0515	493.83	0.035	191.3	0.1154
493.87	0.027	197.1	0.0515	493.87	0.038	191.6	0.1189
493.90	0.028	197.1	0.0533	493.90	0.038	191.9	0.1216
493.93	0.028	197.2	0.0541	493.93	0.039	192.2	0.1216
493.97	0.028	197.4	0.055	493.97	0.04	192.5	0.1243
494.00	0.028	197.6	0.0559	494.00	0.04	192.5	0.126
494.03	0.029	197.7	0.0568	494.03	0.04	192.7	0.1269
494.07	0.029	197.8	0.0568	494.07	0.04	192.8	0.1278
494.10	0.029	197.9	0.0568	494.10	0.04	193	0.1278
494.13	0.028	197.9	0.0568	494.13	0.04	193.2	0.1278
494.17	0.028	198	0.0568	494.17	0.04	193.3	0.1278
494.20	0.028	198.1	0.0559	494.20	0.038	193.4	0.1278
494.23	0.027	198.1	0.055	494.23	0.038	193.4	0.126
494.27	0.026	198.1	0.0541	494.27	0.037	193.4	0.1234
494.30	0.025	198.1	0.0515	494.30	0.035	193.3	0.1207
494.33	0.023	198	0.0515	494.33	0.032	193.3	0.1189
494.37	0.022	198	0.0497	494.37	0.031	193.2	0.1154
494.40	0.022	198	0.0479	494.40	0.029	193	0.111
494.43	0.021	197.9	0.0462	494.43	0.025	192.9	0.111
494.47	0.018	197.8	0.0435	494.47	0.025	192.9	0.1074
494.50	0.017	197.7	0.0408	494.50	0.024	192.8	0.1021
494.53	0.016	197.6	0.0373	494.53	0.021	192.4	0.0968
494.57	0.012	197.4	0.0373	494.57	0.017	192.2	0.0914
494.60	0.011	197.4	0.0337	494.60	0.015	192	0.0852
494.63	0.011	197.2	0.0311	494.63	0.012	191.5	0.0772
494.68	0.007	196.9	0.0275	494.67	0.008	191.2	0.0772
494.72	0.006	196.9	0.024	494.70	0.006	191.2	0.071
494.75	0.006	196.7	0.0213	494.73	0.006	190.9	0.0648
494.77	0.005	196.5	0.0169	494.77	0.003	190.4	0.0568
494.80	0.001	196.2	0.0124	494.80	-0.002	190	0.0497
494.83	0	196	0.0089	494.83	-0.003	189.7	0.0426
494.87	-0.002	195.8	0.0044	494.87	-0.006	189.1	0.0355
494.90	-0.005	195.4	0.0044	494.90	-0.01	188.7	0.0355
494.93	-0.006	195.4	0.0009	494.93	-0.01	188.7	0.0275
494.97	-0.006	195.2	-0.0018	494.97	-0.012	188.3	0.0204
495.00	-0.007	194.9	-0.0053	495.00	-0.015	187.7	0.0133
495.03	-0.01	194.6	-0.0089	495.03	-0.019	187.3	0.0071
495.07	-0.011	194.4	-0.0124	495.07	-0.019	187	0.0027
495.10	-0.012	194.2	-0.0142	495.12	-0.022	186.5	-0.0027
495.13	-0.014	193.9	-0.0142	495.15	-0.023	186.2	-0.0053
495.17	-0.015	193.9	-0.0169	495.17	-0.024	185.9	-0.0089
495.20	-0.015	193.7	-0.0186	495.20	-0.026	185.5	-0.0124
495.23	-0.015	193.5	-0.0204	495.23	-0.027	185.2	-0.0124
495.27	-0.016	193.3	-0.0222	495.27	-0.028	185.2	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
495.30	-0.017	193.1	-0.0231	495.30	-0.028	184.9	-0.0169
495.33	-0.017	193	-0.0231	495.33	-0.028	184.7	-0.0186
495.37	-0.017	192.9	-0.0231	495.37	-0.029	184.5	-0.0195
495.40	-0.017	192.8	-0.0231	495.40	-0.029	184.3	-0.0204
495.43	-0.017	192.8	-0.024	495.43	-0.029	184.1	-0.0204
495.47	-0.017	192.7	-0.024	495.47	-0.028	184	-0.0204
495.50	-0.017	192.6	-0.024	495.50	-0.027	184	-0.0204
495.53	-0.016	192.6	-0.0231	495.53	-0.027	184	-0.0186
495.57	-0.015	192.5	-0.0213	495.57	-0.027	183.9	-0.0178
495.60	-0.014	192.6	-0.0213	495.60	-0.024	184	-0.016
495.63	-0.013	192.6	-0.0195	495.63	-0.024	183.9	-0.0142
495.67	-0.013	192.6	-0.0186	495.67	-0.022	184.1	-0.0107
495.70	-0.012	192.6	-0.0169	495.70	-0.018	184.2	-0.0107
495.73	-0.01	192.7	-0.0151	495.73	-0.017	184.2	-0.0071
495.77	-0.009	192.8	-0.0133	495.77	-0.017	184.3	-0.0036
495.80	-0.007	192.9	-0.0098	495.80	-0.014	184.6	0.0027
495.83	-0.005	193.1	-0.0098	495.83	-0.01	184.9	0.0071
495.87	-0.003	193.2	-0.0071	495.87	-0.009	185	0.0115
495.90	-0.003	193.2	-0.0036	495.90	-0.007	185.4	0.0178
495.93	-0.002	193.3	0	495.93	-0.002	185.7	0.0178
495.97	0.001	193.6	0.0036	495.97	0	185.7	0.0249
496.00	0.003	193.7	0.0062	496.00	0	186	0.032
496.03	0.005	193.9	0.0107	496.03	0.002	186.4	0.0391
496.07	0.008	194.2	0.0107	496.07	0.008	186.8	0.047
496.10	0.01	194.4	0.0151	496.10	0.01	187.2	0.0533
496.15	0.011	194.6	0.0213	496.13	0.012	187.7	0.0612
496.18	0.012	194.8	0.0213	496.17	0.017	188.1	0.0612
496.20	0.014	195.1	0.024	496.20	0.019	188.1	0.0692
496.23	0.014	195.1	0.0284	496.23	0.019	188.4	0.0754
496.27	0.016	195.3	0.0328	496.27	0.021	188.9	0.0817
496.30	0.018	195.6	0.0364	496.30	0.026	189.3	0.0897
496.33	0.02	195.9	0.0399	496.33	0.027	189.7	0.095
496.37	0.021	196.1	0.0426	496.37	0.029	190.1	0.1012
496.40	0.023	196.3	0.0453	496.40	0.033	190.5	0.1012
496.43	0.025	196.6	0.0453	496.43	0.033	190.5	0.1065
496.47	0.025	196.6	0.0479	496.47	0.033	190.9	0.111
496.50	0.025	196.8	0.0497	496.50	0.035	191.2	0.1154
496.53	0.026	197	0.0524	496.53	0.038	191.6	0.1189
496.57	0.028	197.2	0.0541	496.58	0.038	191.8	0.1216
496.60	0.028	197.3	0.0541	496.62	0.038	192.1	0.1225
496.63	0.028	197.5	0.0559	496.63	0.039	192.4	0.1252
496.67	0.029	197.6	0.0559	496.67	0.04	192.6	0.126
496.70	0.029	197.6	0.0568	496.70	0.04	192.8	0.1269
496.73	0.029	197.8	0.0568	496.73	0.04	193	0.1269
496.77	0.029	197.9	0.0568	496.77	0.04	193	0.1278
496.80	0.029	198	0.0568	496.80	0.04	193.1	0.1278
496.83	0.028	198	0.0568	496.83	0.04	193.2	0.1278
496.87	0.028	198.1	0.0559	496.87	0.039	193.3	0.1269
496.90	0.026	198.1	0.0559	496.90	0.038	193.4	0.1252
496.93	0.025	198.1	0.0541	496.93	0.036	193.4	0.1225
496.97	0.025	198.1	0.0533	496.97	0.033	193.3	0.1225
497.00	0.025	198.1	0.0515	497.00	0.032	193.3	0.1198
497.03	0.023	198	0.0497	497.03	0.032	193.3	0.1172
497.07	0.021	198	0.0479	497.07	0.03	193.2	0.1136
497.10	0.02	197.9	0.0444	497.10	0.027	193	0.1092
497.13	0.017	197.8	0.0444	497.13	0.025	192.9	0.1056
497.17	0.016	197.8	0.0426	497.17	0.023	192.7	0.1003
497.20	0.016	197.7	0.0399	497.20	0.019	192.4	0.1003
497.23	0.015	197.5	0.0364	497.23	0.016	192.1	0.0941
497.27	0.011	197.3	0.0328	497.27	0.016	192.1	0.0897
497.30	0.01	197.2	0.0302	497.30	0.015	191.9	0.0826
497.33	0.009	197	0.0249	497.33	0.009	191.4	0.0746
497.37	0.005	196.7	0.0249	497.37	0.007	191.1	0.0683

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
497.40	0.004	196.7	0.0204	497.40	0.005	190.8	0.0612
497.43	0.004	196.5	0.0178	497.43	0	190.2	0.0612
497.47	0.002	196.3	0.0133	497.47	-0.003	189.9	0.0524
497.50	-0.001	196	0.0089	497.50	-0.003	189.9	0.0462
497.53	-0.002	195.8	0.0062	497.53	-0.004	189.5	0.0391
497.58	-0.003	195.5	0.0027	497.57	-0.009	188.9	0.0311
497.62	-0.005	195.2	0	497.60	-0.011	188.5	0.024
497.65	-0.007	195	-0.0027	497.63	-0.013	188.1	0.0169
497.67	-0.008	194.8	-0.0071	497.67	-0.016	187.6	0.0169
497.70	-0.011	194.5	-0.0071	497.70	-0.019	187.2	0.0107
497.73	-0.012	194.5	-0.0107	497.73	-0.019	187.2	0.0044
497.77	-0.012	194.3	-0.0133	497.77	-0.02	186.8	0
497.80	-0.013	194	-0.0151	497.80	-0.023	186.3	-0.0053
497.83	-0.014	193.8	-0.0178	497.83	-0.025	186	-0.0089
497.87	-0.015	193.6	-0.0195	497.87	-0.025	185.7	-0.0115
497.90	-0.016	193.4	-0.0204	497.90	-0.027	185.3	-0.0151
497.93	-0.016	193.2	-0.0204	497.93	-0.028	185	-0.0151
497.97	-0.017	193.2	-0.0222	497.97	-0.028	185	-0.0178
498.00	-0.017	193.1	-0.0231	498.02	-0.029	184.6	-0.0195
498.03	-0.017	192.9	-0.0231	498.05	-0.029	184.4	-0.0195
498.07	-0.017	192.8	-0.024	498.08	-0.029	184.4	-0.0204
498.10	-0.017	192.7	-0.024	498.10	-0.029	184.2	-0.0204
498.13	-0.017	192.6	-0.0231	498.13	-0.028	184.1	-0.0195
498.17	-0.016	192.6	-0.0231	498.17	-0.027	184	-0.0195
498.20	-0.015	192.5	-0.0231	498.20	-0.027	184	-0.0186
498.23	-0.015	192.5	-0.0222	498.23	-0.026	184	-0.0169
498.27	-0.015	192.5	-0.0213	498.27	-0.024	184	-0.0169
498.30	-0.014	192.5	-0.0195	498.30	-0.023	184	-0.0151
498.33	-0.012	192.6	-0.0178	498.33	-0.023	184	-0.0124
498.37	-0.011	192.6	-0.016	498.37	-0.021	184.2	-0.0089
498.40	-0.009	192.7	-0.016	498.40	-0.017	184.3	-0.0053
498.43	-0.007	192.8	-0.0133	498.43	-0.016	184.4	-0.0018
498.47	-0.007	192.8	-0.0115	498.47	-0.014	184.7	0.0027
498.50	-0.007	192.9	-0.0089	498.50	-0.009	184.9	0.0027
498.53	-0.005	193.1	-0.0062	498.53	-0.008	184.9	0.0089
498.57	-0.002	193.3	-0.0018	498.57	-0.008	185.1	0.0133
498.60	-0.001	193.4	0.0018	498.60	-0.006	185.5	0.0204
498.63	0.002	193.6	0.0053	498.63	0	185.9	0.0293
498.67	0.004	193.8	0.0053	498.67	0.001	186.1	0.0346
498.70	0.004	193.8	0.0089	498.70	0.004	186.5	0.0426
498.73	0.005	194	0.0124	498.73	0.01	187	0.0426
498.77	0.008	194.3	0.0169	498.77	0.011	187	0.0506
498.80	0.011	194.5	0.0213	498.80	0.011	187.4	0.0559
498.83	0.012	194.7	0.024	498.83	0.013	187.8	0.0639
498.87	0.014	195	0.0284	498.87	0.019	188.3	0.0719
498.90	0.017	195.2	0.0284	498.90	0.02	188.6	0.0772
498.93	0.017	195.2	0.0328	498.93	0.022	189	0.0843
498.97	0.017	195.5	0.0346	498.97	0.026	189.5	0.0843
499.00	0.019	195.8	0.0382	499.00	0.028	189.5	0.0914
499.05	0.022	196	0.0426	499.03	0.028	189.9	0.0976
499.08	0.022	196.2	0.0444	499.07	0.03	190.2	0.103
499.10	0.023	196.4	0.047	499.10	0.033	190.7	0.1092
499.13	0.025	196.6	0.0488	499.13	0.035	191	0.1127
499.17	0.026	196.9	0.0506	499.17	0.036	191.3	0.1163
499.20	0.026	197.1	0.0524	499.20	0.037	191.7	0.1163
499.23	0.028	197.2	0.0524	499.23	0.039	192	0.1198
499.27	0.028	197.2	0.0541	499.27	0.039	192	0.1225
499.30	0.028	197.4	0.055	499.30	0.039	192.2	0.1243
499.33	0.028	197.5	0.0559	499.33	0.04	192.5	0.126
499.37	0.028	197.7	0.0559	499.37	0.04	192.7	0.1269
499.40	0.029	197.8	0.0568	499.40	0.04	192.9	0.1278
499.43	0.029	197.9	0.0568	499.43	0.04	193	0.1278
499.47	0.028	198	0.0568	499.48	0.04	193.2	0.1278

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
499.50	0.028	198	0.0568	499.52	0.04	193.3	0.1278
499.53	0.028	198.1	0.0568	499.53	0.039	193.4	0.126
499.57	0.027	198.1	0.055	499.57	0.036	193.4	0.126
499.60	0.026	198.1	0.0541	499.60	0.036	193.4	0.1243
499.63	0.025	198.1	0.0533	499.63	0.036	193.4	0.1225
499.67	0.024	198.1	0.0515	499.67	0.034	193.3	0.1198
499.70	0.022	198	0.0515	499.70	0.031	193.2	0.1163
499.73	0.021	198	0.0488	499.73	0.029	193.1	0.1127
499.77	0.021	197.9	0.0462	499.77	0.027	192.9	0.1083
499.80	0.019	197.8	0.0435	499.80	0.023	192.8	0.1083
499.83	0.016	197.7	0.0408	499.83	0.022	192.8	0.1039
499.87	0.016	197.6	0.0382	499.87	0.022	192.6	0.0985
499.90	0.014	197.4	0.0346	499.90	0.019	192.3	0.0923
499.93	0.01	197.2	0.0346	499.93	0.014	192	0.0861
499.97	0.009	197.2	0.0302	499.97	0.013	191.7	0.0808
500.00	0.009	197.1	0.0284	500.00	0.01	191.3	0.0719
500.03	0.008	196.9	0.0231	500.03	0.005	190.9	0.0719
500.07	0.005	196.6	0.0195	500.07	0.003	190.9	0.0639
500.10	0.003	196.4	0.016	500.10	0.003	190.6	0.0586
500.13	0.002	196.2	0.0115	500.13	0.001	190.1	0.0515
500.17	-0.002	195.9	0.0115	500.17	-0.005	189.6	0.0426
500.20	-0.003	195.9	0.0071	500.20	-0.006	189.3	0.0364
500.23	-0.003	195.7	0.0044	500.23	-0.008	188.8	0.0293
500.27	-0.004	195.4	0	500.27	-0.013	188.3	0.0293
500.30	-0.008	195	-0.0036	500.30	-0.014	188.3	0.0204
500.33	-0.009	194.8	-0.0062	500.33	-0.014	188	0.0151
500.37	-0.009	194.6	-0.0089	500.37	-0.016	187.5	0.0089
500.40	-0.012	194.3	-0.0089	500.40	-0.02	187	0.0027
500.43	-0.013	194.3	-0.0124	500.43	-0.021	186.6	-0.0018
500.47	-0.013	194.1	-0.0151	500.47	-0.023	186.2	-0.0053
500.52	-0.015	193.7	-0.0169	500.50	-0.026	185.8	-0.0053
500.55	-0.015	193.5	-0.0186	500.53	-0.026	185.8	-0.0107
500.57	-0.015	193.5	-0.0204	500.57	-0.026	185.5	-0.0124
500.60	-0.016	193.3	-0.0213	500.60	-0.027	185.3	-0.0151
500.63	-0.017	193.1	-0.0222	500.63	-0.028	184.9	-0.0178
500.67	-0.017	193	-0.0231	500.67	-0.028	184.7	-0.0186
500.70	-0.018	192.8	-0.024	500.70	-0.029	184.5	-0.0195
500.73	-0.018	192.7	-0.024	500.73	-0.029	184.3	-0.0195
500.77	-0.017	192.6	-0.0249	500.77	-0.029	184.3	-0.0204
500.80	-0.017	192.6	-0.024	500.80	-0.029	184.2	-0.0204
500.83	-0.016	192.6	-0.0231	500.83	-0.028	184.1	-0.0195
500.87	-0.016	192.5	-0.0222	500.87	-0.026	184.1	-0.0186
500.90	-0.015	192.5	-0.0222	500.92	-0.026	184	-0.0178
500.93	-0.015	192.5	-0.0213	500.95	-0.025	184	-0.016
500.97	-0.013	192.6	-0.0213	500.98	-0.023	184	-0.0133
501.00	-0.012	192.6	-0.0195	501.00	-0.022	184	-0.0115
501.03	-0.012	192.6	-0.0178	501.03	-0.02	184.2	-0.008
501.07	-0.011	192.6	-0.0151	501.07	-0.016	184.4	-0.008
501.10	-0.008	192.7	-0.0124	501.10	-0.015	184.5	-0.0036
501.13	-0.007	192.8	-0.0107	501.13	-0.015	184.5	-0.0009
501.17	-0.006	192.9	-0.0071	501.17	-0.013	184.7	0.0053
501.20	-0.003	193.2	-0.0071	501.20	-0.009	185	0.0107
501.23	-0.001	193.3	-0.0036	501.23	-0.006	185.3	0.016
501.27	-0.001	193.3	-0.0009	501.27	-0.004	185.5	0.0222
501.30	0	193.4	0.0027	501.30	0.001	186	0.0222
501.33	0.003	193.7	0.0062	501.33	0.003	186.3	0.0311
501.37	0.005	193.9	0.0098	501.37	0.003	186.3	0.0373
501.40	0.006	194.1	0.0142	501.40	0.005	186.6	0.0453
501.43	0.01	194.4	0.0142	501.43	0.01	187.2	0.0533
501.47	0.011	194.6	0.0186	501.47	0.013	187.5	0.0595
501.50	0.011	194.6	0.0222	501.50	0.015	187.9	0.0666
501.53	0.013	194.8	0.0257	501.53	0.019	188.4	0.0666
501.57	0.015	195.1	0.0302	501.57	0.021	188.8	0.0737

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
501.60	0.017	195.4	0.0337	501.60	0.021	188.8	0.0808
501.63	0.018	195.6	0.0373	501.63	0.023	189.2	0.087
501.67	0.021	195.9	0.0373	501.67	0.027	189.7	0.0941
501.70	0.022	196.1	0.0408	501.70	0.03	190.1	0.1003
501.73	0.022	196.1	0.0435	501.73	0.031	190.4	0.1056
501.77	0.023	196.3	0.0462	501.77	0.033	190.8	0.1056
501.80	0.024	196.6	0.0488	501.80	0.036	191.2	0.111
501.83	0.026	196.8	0.0506	501.83	0.036	191.2	0.1145
501.87	0.026	197	0.0524	501.87	0.036	191.5	0.1181
501.90	0.027	197.2	0.0541	501.90	0.038	191.8	0.1216
501.95	0.028	197.3	0.055	501.93	0.039	192.1	0.1234
501.98	0.028	197.5	0.0559	501.97	0.039	192.3	0.1252
502.02	0.028	197.6	0.0559	502.00	0.04	192.6	0.1269
502.03	0.029	197.8	0.0559	502.03	0.041	192.8	0.1269
502.07	0.029	197.8	0.0568	502.07	0.041	192.8	0.1278
502.10	0.029	197.9	0.0568	502.10	0.04	192.9	0.1278
502.13	0.029	197.9	0.0568	502.13	0.04	193.1	0.1278
502.17	0.028	198	0.0568	502.17	0.04	193.2	0.1278
502.20	0.028	198.1	0.0559	502.20	0.039	193.3	0.126
502.23	0.027	198.1	0.055	502.23	0.038	193.3	0.1243
502.27	0.025	198.1	0.055	502.27	0.035	193.3	0.1243
502.30	0.024	198.1	0.0533	502.30	0.035	193.3	0.1216
502.33	0.024	198.1	0.0524	502.33	0.034	193.3	0.1189
502.37	0.024	198.1	0.0497	502.38	0.03	193.2	0.1163
502.40	0.021	198	0.0479	502.42	0.028	193.2	0.1145
502.43	0.02	197.9	0.0462	502.43	0.028	193.1	0.111
502.47	0.019	197.8	0.0426	502.47	0.026	192.8	0.1065
502.50	0.016	197.6	0.0426	502.50	0.022	192.6	0.1012
502.53	0.015	197.6	0.0399	502.53	0.021	192.5	0.0968
502.57	0.015	197.5	0.0364	502.57	0.018	192.1	0.0905
502.60	0.013	197.3	0.0337	502.60	0.013	191.8	0.0905
502.63	0.01	197.1	0.0293	502.63	0.013	191.8	0.0834
502.67	0.008	197	0.0249	502.67	0.012	191.6	0.0763
502.70	0.007	196.8	0.0213	502.70	0.008	191.1	0.0683
502.73	0.004	196.5	0.0213	502.73	0.003	190.7	0.0612
502.77	0.003	196.5	0.0178	502.77	0.002	190.4	0.0559
502.80	0.003	196.3	0.0142	502.80	-0.001	189.9	0.0479
502.83	0.001	196	0.0098	502.83	-0.006	189.4	0.0479
502.87	-0.003	195.8	0.0053	502.87	-0.007	189.4	0.0399
502.90	-0.004	195.6	0.0027	502.90	-0.007	189.1	0.0337
502.93	-0.005	195.2	-0.0009	502.93	-0.01	188.6	0.0257
502.97	-0.008	194.9	-0.0009	502.97	-0.014	188.1	0.0178
503.00	-0.009	194.9	-0.0044	503.00	-0.015	187.8	0.0133
503.03	-0.009	194.7	-0.008	503.03	-0.017	187.3	0.0062
503.07	-0.01	194.4	-0.0107	503.07	-0.022	186.8	0.0062
503.10	-0.013	194.2	-0.0142	503.10	-0.022	186.8	0
503.13	-0.013	194	-0.016	503.13	-0.022	186.5	-0.0027
503.17	-0.014	193.7	-0.0178	503.17	-0.024	186	-0.008
503.20	-0.016	193.5	-0.0178	503.20	-0.026	185.7	-0.0115
503.23	-0.016	193.5	-0.0195	503.23	-0.026	185.4	-0.0142
503.27	-0.016	193.4	-0.0213	503.27	-0.027	185.1	-0.0169
503.30	-0.016	193.2	-0.0222	503.30	-0.029	184.8	-0.0169
503.33	-0.017	193	-0.0231	503.33	-0.029	184.8	-0.0186
503.37	-0.017	192.9	-0.024	503.37	-0.029	184.6	-0.0195
503.42	-0.017	192.8	-0.024	503.40	-0.029	184.4	-0.0204
503.45	-0.017	192.7	-0.024	503.43	-0.029	184.3	-0.0204
503.47	-0.017	192.6	-0.024	503.47	-0.028	184.2	-0.0204
503.50	-0.017	192.5	-0.0231	503.50	-0.028	184.1	-0.0195
503.53	-0.015	192.5	-0.0231	503.53	-0.026	184	-0.0195
503.57	-0.015	192.5	-0.0222	503.57	-0.025	184	-0.0178
503.60	-0.015	192.5	-0.0213	503.60	-0.025	184	-0.0169
503.63	-0.014	192.5	-0.0204	503.63	-0.024	184	-0.0142
503.67	-0.012	192.5	-0.0178	503.67	-0.021	184.1	-0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
503.70	-0.011	192.6	-0.0169	503.70	-0.02	184.2	-0.008
503.73	-0.01	192.6	-0.0142	503.73	-0.018	184.4	-0.0044
503.77	-0.007	192.8	-0.0142	503.77	-0.014	184.6	-0.0044
503.80	-0.006	192.8	-0.0115	503.80	-0.012	184.6	0
503.83	-0.006	192.9	-0.0089	503.85	-0.011	184.9	0.0071
503.87	-0.005	193	-0.0062	503.88	-0.008	185.1	0.0071
503.90	-0.002	193.2	-0.0027	503.90	-0.006	185.1	0.0115
503.93	-0.001	193.3	0	503.93	-0.006	185.4	0.0186
503.97	0.001	193.5	0.0044	503.97	-0.003	185.8	0.0257
504.00	0.004	193.8	0.0044	504.00	0.003	186.2	0.0355
504.03	0.006	194	0.0089	504.03	0.004	186.5	0.0408
504.07	0.006	194	0.0115	504.07	0.007	187	0.0488
504.10	0.007	194.2	0.016	504.10	0.012	187.4	0.0488
504.13	0.011	194.5	0.0204	504.13	0.014	187.4	0.0568
504.17	0.012	194.7	0.0231	504.17	0.014	187.7	0.0621
504.20	0.013	194.9	0.0284	504.20	0.016	188.2	0.0701
504.23	0.016	195.2	0.0284	504.23	0.021	188.6	0.0781
504.27	0.018	195.5	0.032	504.27	0.022	189	0.0834
504.30	0.018	195.5	0.0355	504.30	0.024	189.5	0.0905
504.33	0.019	195.7	0.0391	504.33	0.029	189.9	0.0905
504.37	0.021	196	0.0426	504.37	0.03	189.9	0.0976
504.40	0.023	196.2	0.0453	504.40	0.03	190.2	0.1021
504.43	0.023	196.4	0.047	504.43	0.032	190.6	0.1083
504.47	0.025	196.7	0.047	504.47	0.035	191	0.1127
504.50	0.026	196.9	0.0497	504.50	0.036	191.3	0.1154
504.53	0.026	196.9	0.0515	504.53	0.037	191.7	0.1198
504.57	0.027	197	0.0541	504.57	0.039	192	0.1198
504.60	0.028	197.3	0.055	504.60	0.039	192	0.1225
504.63	0.028	197.4	0.0559	504.63	0.039	192.2	0.1243
504.67	0.029	197.6	0.0568	504.67	0.04	192.5	0.126
504.70	0.029	197.7	0.0568	504.70	0.04	192.7	0.1269
504.73	0.029	197.8	0.0568	504.73	0.04	192.9	0.1278
504.77	0.029	197.8	0.0568	504.77	0.04	193	0.1278
504.80	0.029	197.9	0.0568	504.80	0.04	193.2	0.1278
504.85	0.028	198	0.0568	504.83	0.04	193.2	0.1278
504.88	0.027	198	0.0568	504.87	0.04	193.3	0.1278
504.92	0.027	198.1	0.0559	504.90	0.038	193.3	0.1252
504.93	0.027	198.1	0.0541	504.93	0.036	193.3	0.1234
504.97	0.025	198.1	0.0533	504.97	0.035	193.3	0.1207
505.00	0.024	198.1	0.0515	505.00	0.033	193.3	0.1181
505.03	0.023	198	0.0497	505.03	0.03	193.1	0.1181
505.07	0.02	197.9	0.0497	505.07	0.028	193	0.1145
505.10	0.02	197.9	0.047	505.10	0.028	193	0.111
505.13	0.02	197.9	0.0453	505.13	0.027	192.9	0.1065
505.17	0.018	197.7	0.0417	505.17	0.022	192.6	0.1012
505.20	0.015	197.6	0.0382	505.20	0.02	192.4	0.0968
505.23	0.014	197.4	0.0355	505.23	0.018	192.2	0.0897
505.27	0.012	197.2	0.032	505.28	0.014	191.8	0.0834
505.30	0.009	197.1	0.032	505.32	0.012	191.6	0.0799
505.33	0.008	197.1	0.0284	505.35	0.01	191.4	0.0728
505.37	0.008	196.9	0.024	505.37	0.006	190.9	0.0728
505.40	0.006	196.6	0.0204	505.40	0.003	190.5	0.0648
505.43	0.003	196.4	0.016	505.43	0.003	190.5	0.0586
505.47	0.001	196.2	0.0133	505.47	0.001	190.2	0.0506
505.50	0	195.9	0.0089	505.50	-0.003	189.6	0.0426
505.53	-0.004	195.7	0.0089	505.53	-0.007	189.2	0.0364
505.57	-0.005	195.7	0.0044	505.57	-0.008	188.9	0.0293
505.60	-0.005	195.4	0.0009	505.60	-0.012	188.3	0.0213
505.63	-0.006	195.1	-0.0027	505.63	-0.015	187.9	0.0213
505.67	-0.009	194.8	-0.0062	505.67	-0.015	187.9	0.0151
505.70	-0.01	194.6	-0.0089	505.70	-0.016	187.5	0.0089
505.73	-0.011	194.3	-0.0115	505.73	-0.019	187	0.0036
505.77	-0.013	194.1	-0.0115	505.77	-0.022	186.6	-0.0027

tempo	cella di carico	Δu	LVDVT	tempo	cella di carico	Δu	LVDVT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
505.80	-0.013	194.1	-0.0142	505.80	-0.023	186.2	-0.0062
505.83	-0.013	193.9	-0.016	505.83	-0.025	185.8	-0.0107
505.87	-0.014	193.6	-0.0186	505.87	-0.027	185.5	-0.0107
505.90	-0.017	193.4	-0.0213	505.90	-0.027	185.5	-0.0133
505.93	-0.016	193.3	-0.0213	505.93	-0.027	185.2	-0.016
505.97	-0.017	193.1	-0.0222	505.97	-0.028	184.9	-0.0178
506.00	-0.017	193	-0.0222	506.00	-0.029	184.7	-0.0195
506.03	-0.017	193	-0.0231	506.03	-0.029	184.5	-0.0204
506.07	-0.017	192.9	-0.0231	506.07	-0.029	184.3	-0.0204
506.10	-0.017	192.7	-0.024	506.10	-0.028	184.2	-0.0204
506.13	-0.017	192.7	-0.0231	506.13	-0.028	184.2	-0.0204
506.17	-0.017	192.6	-0.0231	506.17	-0.028	184	-0.0204
506.20	-0.016	192.5	-0.0222	506.20	-0.027	184	-0.0186
506.23	-0.015	192.5	-0.0222	506.23	-0.026	184	-0.0178
506.27	-0.014	192.5	-0.0213	506.27	-0.025	184	-0.016
506.32	-0.013	192.5	-0.0195	506.30	-0.023	184.1	-0.0133
506.35	-0.012	192.5	-0.0195	506.33	-0.02	184.2	-0.0133
506.37	-0.011	192.5	-0.0178	506.37	-0.019	184.2	-0.0098
506.40	-0.011	192.6	-0.016	506.40	-0.019	184.2	-0.0071
506.43	-0.01	192.7	-0.0124	506.43	-0.017	184.5	-0.0027
506.47	-0.007	192.8	-0.0098	506.47	-0.013	184.7	0.0018
506.50	-0.005	192.9	-0.008	506.50	-0.011	184.8	0.0062
506.53	-0.004	193	-0.0044	506.53	-0.009	185.1	0.0115
506.57	-0.001	193.3	-0.0044	506.57	-0.004	185.4	0.0115
506.60	0	193.4	-0.0009	506.60	-0.003	185.4	0.0186
506.63	0	193.4	0.0018	506.63	-0.003	185.7	0.024
506.67	0.002	193.6	0.0062	506.67	0	186.1	0.0328
506.70	0.005	193.9	0.0107	506.70	0.005	186.5	0.0408
506.73	0.006	194.1	0.0133	506.75	0.007	186.8	0.047
506.77	0.008	194.3	0.0178	506.78	0.008	187.2	0.0506
506.80	0.011	194.6	0.0178	506.80	0.013	187.6	0.0586
506.83	0.013	194.8	0.0222	506.83	0.015	187.9	0.0657
506.87	0.013	194.8	0.0257	506.87	0.017	188.4	0.0728
506.90	0.014	195	0.0302	506.90	0.023	188.9	0.0728
506.93	0.017	195.3	0.0337	506.93	0.023	188.9	0.0817
506.97	0.019	195.6	0.0373	506.97	0.023	189.2	0.087
507.00	0.02	195.8	0.0408	507.00	0.025	189.7	0.0932
507.03	0.022	196.1	0.0408	507.03	0.03	190.1	0.1003
507.07	0.024	196.3	0.0444	507.07	0.031	190.4	0.1047
507.10	0.024	196.3	0.0462	507.10	0.032	190.8	0.1101
507.13	0.024	196.5	0.0488	507.13	0.036	191.2	0.1101
507.17	0.025	196.8	0.0506	507.17	0.036	191.2	0.1145
507.20	0.027	197	0.0524	507.20	0.036	191.5	0.1172
507.23	0.027	197.1	0.0541	507.23	0.037	191.8	0.1207
507.27	0.028	197.3	0.0541	507.27	0.04	192.1	0.1234
507.30	0.028	197.5	0.055	507.30	0.039	192.3	0.1252
507.33	0.028	197.5	0.0559	507.33	0.04	192.5	0.126
507.37	0.029	197.6	0.0568	507.37	0.04	192.8	0.126
507.40	0.029	197.7	0.0577	507.40	0.04	192.8	0.1269
507.43	0.029	197.8	0.0577	507.43	0.04	192.9	0.1278
507.47	0.029	197.9	0.0577	507.47	0.04	193.1	0.1278
507.50	0.029	198	0.0568	507.50	0.04	193.2	0.1278
507.53	0.027	198	0.0568	507.53	0.039	193.3	0.1269
507.57	0.026	198	0.0559	507.57	0.038	193.4	0.1243
507.60	0.026	198.1	0.055	507.60	0.035	193.3	0.1243
507.63	0.026	198.1	0.0533	507.63	0.033	193.3	0.1216
507.67	0.024	198	0.0515	507.67	0.033	193.3	0.1198
507.70	0.023	198	0.0497	507.70	0.032	193.3	0.1172
507.73	0.022	197.9	0.0479	507.73	0.029	193.1	0.1127
507.78	0.019	197.8	0.0444	507.77	0.027	193	0.1101
507.82	0.019	197.8	0.0435	507.80	0.025	192.8	0.1047
507.83	0.017	197.7	0.0408	507.83	0.021	192.5	0.1047
507.87	0.014	197.5	0.0408	507.87	0.019	192.3	0.0994

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
507.90	0.013	197.4	0.0373	507.90	0.019	192.3	0.0941
507.93	0.013	197.4	0.0355	507.93	0.017	192.1	0.0879
507.97	0.012	197.2	0.0302	507.97	0.012	191.7	0.0808
508.00	0.008	197	0.0257	508.00	0.01	191.4	0.0746
508.03	0.007	196.8	0.0222	508.03	0.007	191.1	0.0666
508.07	0.005	196.6	0.0186	508.07	0.003	190.5	0.0666
508.10	0.002	196.3	0.0186	508.10	0	190.2	0.0586
508.13	0	196.1	0.0151	508.13	0	190.2	0.0524
508.17	0	196.1	0.0115	508.18	-0.005	189.4	0.0444
508.20	-0.001	195.9	0.0071	508.22	-0.007	189.1	0.0399
508.23	-0.004	195.5	0.0027	508.25	-0.007	189.1	0.0355
508.27	-0.006	195.2	-0.0009	508.27	-0.009	188.7	0.0257
508.30	-0.007	195	-0.0044	508.30	-0.014	188.1	0.0178
508.33	-0.009	194.7	-0.0044	508.33	-0.016	187.7	0.0124
508.37	-0.011	194.5	-0.0071	508.37	-0.017	187.3	0.0071
508.40	-0.011	194.5	-0.0098	508.40	-0.02	186.8	0.0071
508.43	-0.011	194.3	-0.0124	508.43	-0.023	186.4	0
508.47	-0.013	194	-0.016	508.47	-0.023	186.4	-0.0044
508.50	-0.015	193.8	-0.0178	508.50	-0.024	186.1	-0.008
508.53	-0.015	193.6	-0.0195	508.53	-0.025	185.7	-0.0115
508.57	-0.016	193.4	-0.0204	508.57	-0.027	185.4	-0.0142
508.60	-0.017	193.2	-0.0204	508.60	-0.027	185.1	-0.0169
508.63	-0.017	193.2	-0.0222	508.63	-0.028	184.8	-0.0169
508.67	-0.017	193.1	-0.0231	508.67	-0.029	184.6	-0.0186
508.70	-0.017	192.9	-0.0231	508.70	-0.029	184.6	-0.0195
508.73	-0.017	192.8	-0.024	508.73	-0.029	184.4	-0.0204
508.77	-0.017	192.7	-0.024	508.77	-0.029	184.2	-0.0204
508.80	-0.017	192.6	-0.024	508.80	-0.028	184.1	-0.0204
508.83	-0.016	192.6	-0.024	508.83	-0.028	184	-0.0195
508.87	-0.016	192.6	-0.0231	508.87	-0.027	184	-0.0186
508.90	-0.016	192.5	-0.0222	508.90	-0.025	184	-0.0186
508.93	-0.015	192.5	-0.0204	508.93	-0.024	184	-0.0169
508.97	-0.013	192.5	-0.0186	508.97	-0.024	184	-0.0151
509.00	-0.013	192.5	-0.0178	509.00	-0.022	184.1	-0.0124
509.03	-0.011	192.6	-0.016	509.03	-0.019	184.2	-0.0089
509.07	-0.009	192.7	-0.016	509.07	-0.018	184.3	-0.0053
509.10	-0.008	192.7	-0.0133	509.10	-0.016	184.5	-0.0009
509.13	-0.008	192.8	-0.0115	509.13	-0.012	184.7	-0.0009
509.17	-0.006	192.9	-0.008	509.17	-0.011	184.7	0.0036
509.22	-0.003	193.1	-0.0053	509.20	-0.011	184.9	0.008
509.25	-0.003	193.2	-0.0036	509.23	-0.008	185.3	0.0142
509.28	-0.002	193.3	0	509.27	-0.003	185.6	0.0222
509.30	0.002	193.5	0.0044	509.30	-0.001	185.8	0.0284
509.33	0.003	193.7	0.0071	509.33	0.001	186.3	0.0364
509.37	0.004	193.9	0.0115	509.37	0.007	186.7	0.0364
509.40	0.008	194.2	0.0115	509.40	0.009	186.7	0.0444
509.43	0.009	194.2	0.0151	509.43	0.009	187	0.0506
509.47	0.009	194.4	0.0186	509.47	0.011	187.5	0.0577
509.50	0.011	194.6	0.0222	509.50	0.016	187.9	0.0657
509.53	0.014	194.9	0.0275	509.53	0.017	188.3	0.0719
509.57	0.015	195.1	0.0311	509.57	0.02	188.7	0.0799
509.60	0.017	195.4	0.0346	509.60	0.024	189.2	0.0799
509.63	0.02	195.7	0.0346	509.65	0.026	189.5	0.0914
509.67	0.021	195.7	0.0382	509.68	0.027	189.9	0.0959
509.70	0.021	195.9	0.0408	509.70	0.03	190.3	0.0959
509.73	0.022	196.1	0.0444	509.73	0.032	190.3	0.1021
509.77	0.024	196.4	0.047	509.77	0.032	190.6	0.1065
509.80	0.025	196.6	0.0488	509.80	0.033	191	0.1118
509.83	0.026	196.8	0.0515	509.83	0.037	191.4	0.1172
509.87	0.027	197	0.0515	509.87	0.037	191.6	0.1189
509.90	0.028	197.2	0.0533	509.90	0.038	192	0.1225
509.93	0.028	197.2	0.0541	509.93	0.04	192.2	0.1225
509.97	0.028	197.3	0.055	509.97	0.04	192.2	0.1243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
510.00	0.029	197.5	0.0559	510.00	0.04	192.5	0.126
510.03	0.029	197.6	0.0568	510.03	0.04	192.7	0.1269
510.07	0.029	197.7	0.0568	510.07	0.04	192.9	0.1278
510.10	0.029	197.9	0.0568	510.10	0.04	193	0.1278
510.13	0.028	197.9	0.0568	510.13	0.04	193.2	0.1278
510.17	0.028	197.9	0.0568	510.17	0.04	193.3	0.1278
510.20	0.028	198	0.0568	510.20	0.038	193.3	0.1278
510.23	0.027	198	0.055	510.23	0.038	193.4	0.126
510.27	0.026	198	0.0533	510.27	0.037	193.4	0.1243
510.30	0.025	198	0.0524	510.30	0.034	193.3	0.1216
510.33	0.024	198	0.0524	510.33	0.033	193.3	0.1189
510.37	0.022	198	0.0506	510.37	0.031	193.2	0.1154
510.40	0.022	198	0.0488	510.40	0.027	193	0.1154
510.43	0.021	197.9	0.0462	510.43	0.026	193	0.111
510.47	0.019	197.8	0.0435	510.47	0.026	192.9	0.1074
510.50	0.017	197.6	0.0408	510.50	0.024	192.7	0.1021
510.53	0.015	197.5	0.0373	510.53	0.02	192.4	0.0968
510.57	0.013	197.3	0.0346	510.57	0.018	192.2	0.0914
510.60	0.011	197.2	0.0346	510.60	0.016	192	0.0852
510.63	0.01	197.2	0.0311	510.63	0.01	191.5	0.0852
510.68	0.008	196.8	0.0249	510.67	0.009	191.5	0.0781
510.72	0.006	196.7	0.0249	510.70	0.009	191.3	0.0719
510.73	0.004	196.7	0.0222	510.73	0.006	190.9	0.0639
510.77	0.004	196.5	0.0178	510.77	0.001	190.4	0.0559
510.80	0.003	196.2	0.0133	510.80	-0.001	190.1	0.0497
510.83	-0.001	195.9	0.0098	510.83	-0.003	189.7	0.0426
510.87	-0.002	195.7	0.0062	510.87	-0.008	189.1	0.0426
510.90	-0.004	195.4	0.0018	510.90	-0.01	188.7	0.0346
510.93	-0.007	195.1	0.0018	510.93	-0.01	188.7	0.0275
510.97	-0.008	195.1	-0.0027	510.97	-0.012	188.3	0.0204
511.00	-0.008	194.9	-0.0053	511.00	-0.016	187.8	0.0133
511.03	-0.009	194.6	-0.0089	511.03	-0.018	187.4	0.008
511.07	-0.012	194.3	-0.0115	511.08	-0.019	187	0.0027
511.10	-0.012	194.1	-0.0133	511.12	-0.021	186.6	-0.0009
511.13	-0.013	193.9	-0.016	511.15	-0.023	186.2	-0.0053
511.17	-0.015	193.7	-0.016	511.17	-0.024	185.9	-0.0089
511.20	-0.015	193.7	-0.0186	511.20	-0.026	185.5	-0.0089
511.23	-0.015	193.5	-0.0204	511.23	-0.027	185.2	-0.0124
511.27	-0.016	193.3	-0.0213	511.27	-0.027	185.2	-0.0151
511.30	-0.017	193.1	-0.0222	511.30	-0.028	185	-0.0169
511.33	-0.017	193	-0.0231	511.33	-0.028	184.7	-0.0186
511.37	-0.017	192.9	-0.0231	511.37	-0.029	184.5	-0.0204
511.40	-0.017	192.7	-0.0231	511.40	-0.029	184.3	-0.0204
511.43	-0.017	192.7	-0.024	511.43	-0.029	184.2	-0.0204
511.47	-0.017	192.6	-0.024	511.47	-0.028	184.1	-0.0204
511.50	-0.017	192.6	-0.0231	511.50	-0.028	184.1	-0.0204
511.53	-0.016	192.5	-0.0222	511.53	-0.027	184	-0.0186
511.57	-0.015	192.5	-0.0213	511.57	-0.026	184	-0.0169
511.60	-0.015	192.5	-0.0204	511.60	-0.024	184	-0.016
511.63	-0.013	192.5	-0.0204	511.63	-0.023	184	-0.0133
511.67	-0.012	192.5	-0.0186	511.67	-0.022	184.1	-0.0107
511.70	-0.012	192.5	-0.0178	511.70	-0.018	184.3	-0.0107
511.73	-0.011	192.6	-0.0151	511.73	-0.017	184.3	-0.0071
511.77	-0.008	192.7	-0.0124	511.77	-0.017	184.4	-0.0036
511.80	-0.007	192.8	-0.0107	511.80	-0.015	184.6	0.0009
511.83	-0.006	192.9	-0.0071	511.83	-0.011	184.8	0.0062
511.87	-0.003	193.1	-0.0071	511.87	-0.009	185	0.0107
511.90	-0.001	193.3	-0.0036	511.90	-0.007	185.4	0.0178
511.93	-0.001	193.3	-0.0009	511.93	-0.002	185.7	0.0178
511.97	0	193.4	0.0027	511.97	0	185.7	0.0249
512.00	0.003	193.7	0.0071	512.00	0	186	0.0328
512.03	0.005	193.9	0.0098	512.03	0.003	186.4	0.0399
512.07	0.006	194	0.0142	512.07	0.008	186.8	0.047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
512.12	0.01	194.3	0.0186	512.10	0.009	187.2	0.0533
512.15	0.011	194.5	0.0204	512.13	0.012	187.7	0.0612
512.18	0.011	194.7	0.024	512.17	0.017	188.1	0.0612
512.20	0.014	195	0.024	512.20	0.019	188.1	0.0692
512.23	0.017	195.3	0.0293	512.23	0.019	188.5	0.0754
512.27	0.017	195.3	0.0328	512.27	0.021	188.9	0.0826
512.30	0.018	195.5	0.0364	512.30	0.026	189.4	0.0905
512.33	0.019	195.8	0.0399	512.33	0.027	189.7	0.095
512.37	0.022	196	0.0426	512.37	0.029	190.2	0.1012
512.40	0.022	196.2	0.0453	512.40	0.033	190.6	0.1012
512.43	0.024	196.5	0.0453	512.43	0.033	190.6	0.1074
512.47	0.026	196.7	0.0479	512.47	0.033	190.9	0.111
512.50	0.026	196.7	0.0506	512.50	0.035	191.3	0.1154
512.53	0.026	196.9	0.0524	512.55	0.038	191.6	0.1198
512.57	0.027	197.1	0.0541	512.58	0.038	191.9	0.1216
512.60	0.028	197.3	0.055	512.60	0.038	192.1	0.1234
512.63	0.028	197.4	0.0559	512.63	0.04	192.4	0.126
512.67	0.028	197.6	0.0568	512.67	0.04	192.6	0.1269
512.70	0.029	197.7	0.0568	512.70	0.04	192.8	0.1278
512.73	0.029	197.7	0.0577	512.73	0.04	193	0.1278
512.77	0.029	197.8	0.0577	512.77	0.04	193	0.1278
512.80	0.029	197.9	0.0577	512.80	0.04	193.1	0.1278
512.83	0.029	198	0.0577	512.83	0.04	193.3	0.1278
512.87	0.028	198	0.0559	512.87	0.039	193.4	0.1278
512.90	0.027	198	0.0541	512.90	0.038	193.4	0.126
512.93	0.025	198	0.0541	512.93	0.036	193.4	0.1234
512.97	0.025	198	0.0533	512.97	0.034	193.3	0.1234
513.00	0.025	198.1	0.0524	513.00	0.032	193.3	0.1207
513.03	0.024	198	0.0497	513.03	0.032	193.3	0.1181
513.07	0.022	197.9	0.0479	513.07	0.03	193.2	0.1136
513.10	0.02	197.8	0.0453	513.10	0.027	193	0.1101
513.13	0.019	197.7	0.0426	513.13	0.025	192.9	0.1065
513.17	0.016	197.6	0.0426	513.17	0.023	192.7	0.1012
513.20	0.015	197.6	0.0399	513.20	0.019	192.4	0.1012
513.23	0.015	197.5	0.0373	513.23	0.016	192.1	0.095
513.27	0.013	197.3	0.0337	513.27	0.016	192.1	0.0897
513.30	0.009	197.1	0.0302	513.30	0.015	191.9	0.0826
513.33	0.009	197	0.0275	513.33	0.01	191.4	0.0746
513.37	0.007	196.8	0.0213	513.37	0.006	191.1	0.0683
513.40	0.003	196.5	0.0213	513.40	0.005	190.8	0.0612
513.43	0.002	196.3	0.0178	513.43	0	190.2	0.0612
513.47	0.002	196.3	0.0142	513.47	-0.003	189.9	0.0533
513.50	0.001	196.1	0.0107	513.50	-0.003	189.9	0.047
513.53	-0.002	195.7	0.0062	513.53	-0.004	189.5	0.0399
513.58	-0.004	195.5	0.0027	513.57	-0.009	189	0.0311
513.62	-0.005	195.3	0.0009	513.60	-0.012	188.5	0.024
513.63	-0.006	195	-0.0027	513.63	-0.013	188.2	0.0169
513.67	-0.009	194.8	-0.0062	513.67	-0.017	187.6	0.0169
513.70	-0.009	194.5	-0.0098	513.70	-0.019	187.2	0.0107
513.73	-0.012	194.2	-0.0098	513.73	-0.019	187.2	0.0053
513.77	-0.013	194	-0.0133	513.77	-0.02	186.8	0
513.80	-0.013	194	-0.0151	513.80	-0.023	186.3	-0.0053
513.83	-0.014	193.8	-0.0169	513.83	-0.025	186	-0.0089
513.87	-0.015	193.6	-0.0186	513.87	-0.025	185.7	-0.0115
513.90	-0.016	193.4	-0.0204	513.90	-0.027	185.3	-0.0115
513.93	-0.016	193.2	-0.0213	513.93	-0.028	185	-0.0142
513.97	-0.017	193.1	-0.0222	513.97	-0.028	185	-0.0169
514.00	-0.017	192.9	-0.0222	514.02	-0.029	184.6	-0.0195
514.03	-0.017	192.9	-0.0231	514.05	-0.028	184.4	-0.0195
514.07	-0.017	192.8	-0.0231	514.07	-0.029	184.4	-0.0195
514.10	-0.017	192.7	-0.024	514.10	-0.029	184.3	-0.0204
514.13	-0.017	192.6	-0.024	514.13	-0.028	184.1	-0.0204
514.17	-0.017	192.5	-0.0222	514.17	-0.028	184	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
514.20	-0.016	192.5	-0.0222	514.20	-0.027	184	-0.0186
514.23	-0.015	192.5	-0.0222	514.23	-0.026	184	-0.0169
514.27	-0.015	192.5	-0.0213	514.27	-0.023	184	-0.0169
514.30	-0.014	192.5	-0.0195	514.30	-0.022	184	-0.0142
514.33	-0.013	192.6	-0.0178	514.33	-0.022	184	-0.0124
514.37	-0.011	192.6	-0.016	514.37	-0.021	184.2	-0.0089
514.40	-0.01	192.6	-0.0142	514.40	-0.017	184.3	-0.0053
514.43	-0.008	192.8	-0.0115	514.43	-0.016	184.4	-0.0018
514.47	-0.006	192.9	-0.0115	514.47	-0.014	184.7	0.0036
514.50	-0.006	192.9	-0.0089	514.50	-0.009	185	0.0036
514.53	-0.005	193	-0.0053	514.53	-0.008	185	0.0089
514.57	-0.003	193.2	-0.0027	514.57	-0.008	185.1	0.0142
514.60	0	193.4	0.0009	514.60	-0.006	185.5	0.0204
514.63	0.001	193.5	0.0044	514.63	0	185.9	0.0293
514.67	0.003	193.8	0.008	514.67	0.002	186.2	0.0346
514.70	0.006	194	0.008	514.70	0.004	186.6	0.0417
514.73	0.007	194	0.0124	514.73	0.01	187	0.0417
514.77	0.007	194.2	0.016	514.77	0.011	187	0.0506
514.80	0.009	194.4	0.0195	514.80	0.011	187.4	0.0559
514.83	0.013	194.7	0.024	514.83	0.013	187.8	0.0639
514.87	0.013	194.9	0.0275	514.87	0.018	188.2	0.0719
514.90	0.015	195.2	0.032	514.90	0.02	188.6	0.0781
514.93	0.018	195.4	0.032	514.93	0.022	189.1	0.0852
514.97	0.019	195.4	0.0355	514.97	0.027	189.5	0.0852
515.02	0.02	195.9	0.0408	515.00	0.028	189.5	0.0923
515.05	0.022	196.1	0.0408	515.03	0.028	189.9	0.0976
515.08	0.023	196.1	0.0435	515.07	0.03	190.3	0.103
515.10	0.023	196.3	0.0453	515.10	0.033	190.7	0.1092
515.13	0.024	196.6	0.0479	515.13	0.034	191	0.1127
515.17	0.026	196.8	0.0506	515.17	0.036	191.4	0.1181
515.20	0.026	197	0.0524	515.20	0.038	191.7	0.1181
515.23	0.027	197.1	0.0541	515.23	0.038	191.7	0.1207
515.27	0.028	197.3	0.0541	515.27	0.038	192	0.1225
515.30	0.028	197.3	0.0559	515.30	0.039	192.2	0.1252
515.33	0.028	197.5	0.0559	515.33	0.04	192.5	0.1269
515.37	0.029	197.6	0.0568	515.37	0.04	192.7	0.1278
515.40	0.029	197.8	0.0577	515.40	0.04	192.9	0.1278
515.43	0.029	197.9	0.0577	515.45	0.04	193.1	0.1287
515.47	0.029	198	0.0568	515.48	0.04	193.2	0.1287
515.50	0.028	198	0.0568	515.52	0.04	193.3	0.1278
515.53	0.027	198	0.0568	515.53	0.039	193.4	0.1269
515.57	0.027	198.1	0.0559	515.57	0.037	193.4	0.1269
515.60	0.026	198.1	0.0541	515.60	0.036	193.4	0.1252
515.63	0.025	198	0.0533	515.63	0.036	193.4	0.1225
515.67	0.024	198	0.0515	515.67	0.034	193.3	0.1198
515.70	0.023	198	0.0488	515.70	0.031	193.2	0.1172
515.73	0.021	197.9	0.0488	515.73	0.03	193.2	0.1136
515.77	0.019	197.9	0.0462	515.77	0.027	192.9	0.1083
515.80	0.019	197.8	0.0444	515.80	0.023	192.8	0.1083
515.83	0.018	197.7	0.0417	515.83	0.022	192.8	0.1039
515.87	0.015	197.5	0.0382	515.87	0.022	192.6	0.0994
515.90	0.014	197.4	0.0355	515.90	0.019	192.3	0.0941
515.93	0.012	197.3	0.032	515.93	0.015	192	0.087
515.97	0.009	197	0.032	515.97	0.013	191.8	0.0808
516.00	0.007	196.9	0.0284	516.00	0.01	191.3	0.0737
516.03	0.007	196.9	0.024	516.03	0.005	190.9	0.0737
516.07	0.006	196.7	0.0204	516.07	0.003	190.9	0.0648
516.10	0.003	196.4	0.016	516.10	0.003	190.6	0.0595
516.13	0.001	196.2	0.0124	516.13	0.001	190.1	0.0515
516.17	0	196	0.0089	516.17	-0.004	189.7	0.0435
516.20	-0.003	195.6	0.0089	516.20	-0.006	189.3	0.0373
516.23	-0.005	195.4	0.0044	516.23	-0.008	188.8	0.0302
516.27	-0.005	195.4	0.0018	516.27	-0.013	188.4	0.0302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
516.30	-0.006	195.1	-0.0027	516.30	-0.014	188.4	0.0213
516.33	-0.009	194.8	-0.0062	516.33	-0.014	188	0.016
516.37	-0.001	194.6	-0.0089	516.37	-0.017	187.5	0.0089
516.40	-0.011	194.3	-0.0124	516.40	-0.021	187	0.0027
516.43	-0.013	194	-0.0124	516.43	-0.021	186.6	-0.0009
516.48	-0.014	193.8	-0.0169	516.47	-0.023	186.2	-0.0053
516.52	-0.014	193.7	-0.0186	516.50	-0.025	185.9	-0.0053
516.53	-0.015	193.4	-0.0195	516.53	-0.026	185.9	-0.0098
516.57	-0.016	193.3	-0.0195	516.57	-0.026	185.6	-0.0124
516.60	-0.016	193.3	-0.0213	516.60	-0.027	185.3	-0.0151
516.63	-0.017	193.1	-0.0222	516.63	-0.028	185	-0.0178
516.67	-0.017	193	-0.0231	516.67	-0.028	184.7	-0.0186
516.70	-0.017	192.8	-0.0231	516.70	-0.029	184.5	-0.0195
516.73	-0.017	192.7	-0.024	516.73	-0.029	184.4	-0.0195
516.77	-0.017	192.6	-0.024	516.77	-0.029	184.4	-0.0204
516.80	-0.017	192.5	-0.024	516.80	-0.029	184.2	-0.0204
516.83	-0.016	192.5	-0.024	516.83	-0.028	184.1	-0.0195
516.87	-0.016	192.5	-0.0231	516.87	-0.026	184.1	-0.0186
516.90	-0.016	192.5	-0.0213	516.92	-0.026	184	-0.0178
516.93	-0.014	192.5	-0.0204	516.95	-0.025	184	-0.016
516.97	-0.014	192.4	-0.0195	516.97	-0.023	184	-0.0133
517.00	-0.013	192.5	-0.0178	517.00	-0.022	184.1	-0.0115
517.03	-0.01	192.6	-0.0178	517.03	-0.02	184.3	-0.0071
517.07	-0.01	192.6	-0.0151	517.07	-0.016	184.4	-0.0071
517.10	-0.01	192.6	-0.0133	517.10	-0.015	184.4	-0.0036
517.13	-0.008	192.8	-0.0107	517.13	-0.015	184.5	0
517.17	-0.005	192.9	-0.0071	517.17	-0.013	184.8	0.0053
517.20	-0.004	193	-0.0044	517.20	-0.008	185.1	0.0115
517.23	-0.003	193.2	-0.0009	517.23	-0.006	185.3	0.0169
517.27	0.001	193.4	-0.0009	517.27	-0.004	185.7	0.0231
517.30	0.002	193.4	0.0027	517.30	0.001	186.1	0.0231
517.33	0.002	193.6	0.0053	517.33	0.002	186.1	0.032
517.37	0.004	193.8	0.0098	517.37	0.002	186.3	0.0382
517.40	0.007	194.1	0.0142	517.40	0.005	186.8	0.0462
517.43	0.008	194.2	0.0169	517.43	0.011	187.3	0.0541
517.47	0.01	194.5	0.0213	517.47	0.012	187.6	0.0595
517.50	0.014	194.8	0.0213	517.50	0.015	188.1	0.0675
517.53	0.014	194.8	0.0257	517.53	0.02	188.5	0.0675
517.57	0.014	195	0.0293	517.57	0.021	188.5	0.0754
517.60	0.016	195.3	0.0337	517.60	0.021	188.8	0.0817
517.63	0.019	195.6	0.0373	517.63	0.023	189.3	0.0888
517.67	0.02	195.8	0.0399	517.67	0.028	189.7	0.0959
517.70	0.021	196	0.0435	517.70	0.029	190.1	0.1003
517.73	0.024	196.3	0.0435	517.73	0.031	190.5	0.1056
517.77	0.024	196.3	0.0462	517.77	0.035	190.9	0.1056
517.80	0.024	196.5	0.0479	517.80	0.035	190.9	0.1118
517.83	0.025	196.7	0.0506	517.83	0.035	191.2	0.1145
517.87	0.027	196.9	0.0524	517.87	0.036	191.6	0.1189
517.90	0.027	197.1	0.0541	517.90	0.039	191.9	0.1225
517.95	0.028	197.3	0.055	517.93	0.039	192.1	0.1243
517.98	0.028	197.4	0.0559	517.97	0.039	192.4	0.126
518.00	0.028	197.6	0.0568	518.00	0.04	192.6	0.126
518.03	0.029	197.7	0.0568	518.03	0.04	192.6	0.1278
518.07	0.029	197.8	0.0568	518.07	0.04	192.8	0.1278
518.10	0.029	197.9	0.0577	518.10	0.04	193	0.1278
518.13	0.029	197.9	0.0577	518.13	0.04	193.1	0.1278
518.17	0.029	198	0.0577	518.17	0.04	193.2	0.1278
518.20	0.028	198	0.0568	518.20	0.039	193.4	0.1269
518.23	0.027	198.1	0.055	518.23	0.037	193.4	0.1269
518.27	0.026	198.1	0.0541	518.27	0.036	193.4	0.1252
518.30	0.024	198	0.0541	518.30	0.036	193.4	0.1234
518.33	0.023	198	0.0524	518.35	0.032	193.3	0.1198
518.37	0.023	198	0.0506	518.38	0.03	193.2	0.1181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
518.40	0.022	198	0.0488	518.42	0.03	193.2	0.1163
518.43	0.02	197.9	0.0462	518.43	0.029	193.1	0.111
518.47	0.018	197.8	0.0435	518.47	0.025	192.9	0.1065
518.50	0.017	197.7	0.0408	518.50	0.023	192.7	0.1021
518.53	0.015	197.5	0.0408	518.53	0.021	192.5	0.0959
518.57	0.013	197.4	0.0373	518.57	0.016	192.1	0.0959
518.60	0.013	197.4	0.0346	518.60	0.014	191.9	0.0888
518.63	0.011	197.2	0.0302	518.63	0.014	191.9	0.0843
518.67	0.009	196.9	0.0257	518.67	0.012	191.6	0.0772
518.70	0.006	196.7	0.0231	518.70	0.007	191.1	0.0692
518.73	0.005	196.6	0.0186	518.73	0.004	190.8	0.0621
518.77	0.003	196.3	0.0151	518.77	0.002	190.4	0.055
518.80	0	196	0.0151	518.80	-0.003	189.9	0.055
518.83	0	196	0.0107	518.83	-0.005	189.5	0.047
518.87	-0.001	195.9	0.0071	518.87	-0.005	189.5	0.0399
518.90	-0.003	195.5	0.0036	518.90	-0.007	189.1	0.0328
518.93	-0.006	195.2	-0.0009	518.93	-0.011	188.6	0.024
518.97	-0.007	195	-0.0036	518.97	-0.014	188.2	0.0186
519.00	-0.008	194.7	-0.0071	519.00	-0.015	187.8	0.0124
519.03	-0.011	194.4	-0.0071	519.03	-0.018	187.3	0.0124
519.07	-0.012	194.4	-0.0107	519.07	-0.021	186.8	0.0062
519.10	-0.012	194.2	-0.0124	519.10	-0.021	186.8	0.0009
519.13	-0.012	194	-0.0151	519.13	-0.022	186.5	-0.0036
519.17	-0.015	193.7	-0.0178	519.17	-0.025	186	-0.0089
519.20	-0.015	193.6	-0.0186	519.20	-0.026	185.7	-0.0115
519.23	-0.016	193.3	-0.0213	519.23	-0.026	185.4	-0.0151
519.27	-0.017	193.2	-0.0213	519.27	-0.028	185.1	-0.0151
519.30	-0.017	193.2	-0.0222	519.30	-0.029	184.8	-0.0169
519.33	-0.017	193	-0.0231	519.33	-0.029	184.8	-0.0186
519.38	-0.017	192.8	-0.0231	519.37	-0.029	184.6	-0.0195
519.42	-0.017	192.8	-0.024	519.40	-0.029	184.4	-0.0204
519.45	-0.017	192.7	-0.024	519.43	-0.029	184.3	-0.0204
519.47	-0.017	192.6	-0.024	519.47	-0.028	184.2	-0.0204
519.50	-0.017	192.5	-0.0231	519.50	-0.028	184.1	-0.0195
519.53	-0.016	192.5	-0.0222	519.53	-0.026	184	-0.0195
519.57	-0.015	192.4	-0.0213	519.57	-0.025	184	-0.0178
519.60	-0.014	192.5	-0.0213	519.60	-0.025	184	-0.0169
519.63	-0.013	192.5	-0.0204	519.63	-0.024	184.1	-0.0142
519.67	-0.013	192.5	-0.0186	519.67	-0.021	184.2	-0.0115
519.70	-0.012	192.5	-0.0169	519.70	-0.02	184.2	-0.0089
519.73	-0.01	192.6	-0.0142	519.73	-0.018	184.4	-0.0044
519.77	-0.009	192.7	-0.0124	519.77	-0.014	184.6	-0.0044
519.80	-0.007	192.8	-0.0089	519.82	-0.013	184.7	0.0027
519.83	-0.004	193	-0.0089	519.85	-0.012	184.9	0.0062
519.87	-0.003	193	-0.0053	519.87	-0.007	185.2	0.0062
519.90	-0.003	193.1	-0.0036	519.90	-0.005	185.2	0.0124
519.93	-0.002	193.3	0	519.93	-0.005	185.4	0.0186
519.97	0.002	193.5	0.0036	519.97	-0.003	185.8	0.0275
520.00	0.003	193.6	0.0071	520.00	0.003	186.2	0.0355
520.03	0.005	193.9	0.0115	520.03	0.004	186.5	0.0408
520.07	0.009	194.1	0.0115	520.07	0.006	187	0.0479
520.10	0.009	194.1	0.016	520.10	0.012	187.4	0.0479
520.13	0.009	194.3	0.0178	520.13	0.013	187.4	0.0568
520.17	0.011	194.5	0.0222	520.17	0.013	187.7	0.0621
520.20	0.014	194.8	0.0275	520.20	0.016	188.2	0.0701
520.23	0.015	195	0.0311	520.23	0.021	188.6	0.0781
520.27	0.017	195.3	0.0346	520.27	0.022	189	0.0834
520.30	0.02	195.7	0.0346	520.30	0.024	189.4	0.0905
520.33	0.021	195.7	0.0391	520.33	0.028	189.9	0.0905
520.37	0.021	195.9	0.0408	520.37	0.03	190.2	0.0976
520.40	0.022	196.1	0.0444	520.40	0.03	190.2	0.1021
520.43	0.024	196.3	0.047	520.43	0.031	190.6	0.1074
520.47	0.025	196.6	0.0488	520.47	0.035	191	0.1127

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
520.50	0.026	196.8	0.0515	520.50	0.036	191.3	0.1163
520.53	0.027	197	0.0515	520.53	0.037	191.6	0.1198
520.57	0.027	197.1	0.0533	520.57	0.039	192	0.1198
520.60	0.027	197.1	0.0541	520.60	0.039	192.2	0.1234
520.63	0.028	197.3	0.0559	520.63	0.039	192.2	0.1243
520.67	0.029	197.5	0.0568	520.67	0.04	192.5	0.1269
520.70	0.029	197.6	0.0568	520.70	0.04	192.7	0.1269
520.73	0.029	197.7	0.0568	520.73	0.04	192.9	0.1278
520.77	0.029	197.8	0.0568	520.77	0.04	193.1	0.1278
520.80	0.029	197.9	0.0568	520.80	0.04	193.2	0.1278
520.85	0.028	198	0.0568	520.83	0.04	193.3	0.1278
520.88	0.027	198	0.0568	520.87	0.04	193.3	0.1278
520.90	0.026	198	0.0559	520.90	0.039	193.4	0.126
520.93	0.026	198	0.055	520.93	0.036	193.3	0.1234
520.97	0.026	198.1	0.0533	520.97	0.034	193.3	0.1216
521.00	0.024	198	0.0515	521.00	0.033	193.3	0.1181
521.03	0.022	198	0.0497	521.03	0.031	193.2	0.1145
521.07	0.022	197.9	0.0479	521.07	0.028	193	0.1145
521.10	0.02	197.8	0.0453	521.10	0.028	193	0.111
521.13	0.017	197.7	0.0453	521.13	0.026	192.9	0.1065
521.17	0.017	197.7	0.0426	521.17	0.023	192.7	0.1021
521.20	0.016	197.6	0.0391	521.20	0.02	192.4	0.0968
521.23	0.014	197.4	0.0355	521.23	0.018	192.3	0.0905
521.27	0.011	197.2	0.0328	521.28	0.015	192	0.087
521.30	0.01	197.1	0.0284	521.32	0.013	191.7	0.0817
521.33	0.008	196.8	0.0249	521.33	0.01	191.4	0.0737
521.37	0.005	196.6	0.0249	521.37	0.006	190.9	0.0648
521.40	0.005	196.6	0.0213	521.40	0.002	190.5	0.0648
521.43	0.005	196.5	0.0178	521.43	0.002	190.5	0.0577
521.47	0.002	196.1	0.0133	521.47	0.001	190.2	0.0515
521.50	-0.001	195.9	0.0089	521.50	-0.003	189.7	0.0435
521.53	-0.002	195.7	0.0044	521.53	-0.007	189.2	0.0364
521.57	-0.004	195.4	0.0018	521.57	-0.008	188.9	0.0302
521.60	-0.007	195.1	0.0018	521.60	-0.011	188.4	0.0222
521.63	-0.008	195.1	-0.0018	521.63	-0.015	187.9	0.0222
521.67	-0.008	194.9	-0.0053	521.67	-0.016	187.9	0.0151
521.70	-0.009	194.6	-0.008	521.70	-0.016	187.6	0.0098
521.73	-0.011	194.3	-0.0115	521.73	-0.019	187.1	0.0044
521.77	-0.012	194.1	-0.0142	521.77	-0.022	186.6	-0.0018
521.80	-0.013	193.9	-0.016	521.80	-0.023	186.3	-0.0053
521.83	-0.015	193.6	-0.016	521.83	-0.024	185.9	-0.0098
521.87	-0.015	193.6	-0.0186	521.87	-0.027	185.5	-0.0098
521.90	-0.015	193.5	-0.0195	521.90	-0.027	185.5	-0.0133
521.93	-0.016	193.3	-0.0213	521.93	-0.027	185.3	-0.0151
521.97	-0.017	193.1	-0.0222	521.97	-0.027	185	-0.0178
522.00	-0.017	192.9	-0.0231	522.00	-0.029	184.7	-0.0195
522.03	-0.017	192.8	-0.0231	522.03	-0.029	184.5	-0.0204
522.07	-0.017	192.7	-0.0231	522.07	-0.029	184.4	-0.0204
522.10	-0.017	192.7	-0.0231	522.10	-0.029	184.2	-0.0204
522.13	-0.017	192.6	-0.0231	522.13	-0.028	184.2	-0.0213
522.17	-0.017	192.6	-0.0231	522.17	-0.028	184.1	-0.0204
522.20	-0.016	192.5	-0.0222	522.20	-0.027	184	-0.0195
522.23	-0.015	192.5	-0.0213	522.23	-0.026	184	-0.0178
522.28	-0.014	192.5	-0.0204	522.27	-0.024	184	-0.016
522.32	-0.014	192.5	-0.0195	522.30	-0.023	184.1	-0.0133
522.35	-0.013	192.5	-0.0186	522.33	-0.02	184.2	-0.0133
522.37	-0.012	192.5	-0.016	522.37	-0.019	184.2	-0.0107
522.40	-0.009	192.7	-0.016	522.40	-0.019	184.2	-0.0071
522.43	-0.008	192.7	-0.0133	522.43	-0.017	184.4	-0.0027
522.47	-0.008	192.7	-0.0115	522.47	-0.013	184.7	0.0018
522.50	-0.007	192.9	-0.008	522.50	-0.012	184.8	0.0053
522.53	-0.003	193	-0.0044	522.53	-0.009	185.1	0.0115
522.57	-0.003	193.1	-0.0018	522.57	-0.004	185.5	0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
522.60	-0.001	193.3	0.0018	522.60	-0.003	185.5	0.0186
522.63	0.003	193.6	0.0018	522.63	-0.003	185.7	0.024
522.67	0.004	193.6	0.0062	522.67	0	186.1	0.0328
522.70	0.004	193.7	0.0089	522.72	0.006	186.5	0.0408
522.73	0.006	193.9	0.0133	522.75	0.006	186.8	0.0453
522.77	0.009	194.2	0.0178	522.77	0.008	187.2	0.0515
522.80	0.01	194.4	0.0204	522.80	0.014	187.6	0.0595
522.83	0.012	194.6	0.0249	522.83	0.015	187.9	0.0648
522.87	0.015	194.9	0.0249	522.87	0.017	188.3	0.0728
522.90	0.016	195.2	0.0293	522.90	0.022	188.9	0.0728
522.93	0.016	195.2	0.0328	522.93	0.024	189.2	0.0817
522.97	0.017	195.4	0.0364	522.97	0.024	189.2	0.087
523.00	0.02	195.7	0.0399	523.00	0.025	189.6	0.0932
523.03	0.021	195.9	0.0426	523.03	0.03	190.1	0.1003
523.07	0.022	196.2	0.0453	523.07	0.031	190.4	0.1056
523.10	0.024	196.4	0.0453	523.10	0.032	190.8	0.1092
523.13	0.025	196.6	0.0479	523.13	0.035	191.2	0.1092
523.17	0.025	196.6	0.0497	523.17	0.036	191.5	0.1145
523.20	0.026	196.8	0.0524	523.20	0.036	191.5	0.1172
523.23	0.027	197	0.0541	523.23	0.037	191.8	0.1207
523.27	0.028	197.2	0.055	523.27	0.039	192.1	0.1243
523.30	0.028	197.4	0.0568	523.30	0.04	192.4	0.126
523.33	0.028	197.5	0.0568	523.33	0.04	192.6	0.1269
523.37	0.029	197.6	0.0568	523.37	0.04	192.8	0.1269
523.40	0.029	197.6	0.0568	523.40	0.04	193	0.1269
523.43	0.029	197.7	0.0568	523.43	0.04	193	0.1269
523.47	0.029	197.8	0.0568	523.47	0.04	193.1	0.1278
523.50	0.028	197.9	0.0568	523.50	0.04	193.2	0.1278
523.53	0.028	198	0.0568	523.53	0.039	193.4	0.1278
523.57	0.027	198	0.055	523.57	0.038	193.4	0.1243
523.60	0.026	198	0.055	523.60	0.035	193.3	0.1243
523.63	0.026	198	0.0541	523.63	0.033	193.3	0.1216
523.67	0.025	198	0.0515	523.67	0.033	193.3	0.1198
523.70	0.023	197.9	0.0497	523.70	0.032	193.3	0.1172
523.75	0.021	197.9	0.0479	523.73	0.029	193.1	0.1127
523.78	0.021	197.8	0.047	523.77	0.027	193	0.1101
523.80	0.019	197.7	0.0435	523.80	0.026	192.9	0.1056
523.83	0.016	197.6	0.0408	523.83	0.022	192.6	0.1056
523.87	0.016	197.5	0.0382	523.87	0.018	192.3	0.0994
523.90	0.014	197.3	0.0355	523.90	0.018	192.3	0.0932
523.93	0.01	197.1	0.0355	523.93	0.017	192.1	0.087
523.97	0.01	197.1	0.0311	523.97	0.013	191.7	0.0808
524.00	0.01	197	0.0284	524.00	0.01	191.4	0.0754
524.03	0.008	196.7	0.024	524.03	0.007	191.1	0.0666
524.07	0.004	196.5	0.0195	524.07	0.003	190.6	0.0666
524.10	0.003	196.3	0.0169	524.10	0	190.2	0.0586
524.13	0.002	196.1	0.0124	524.13	0	190.2	0.0524
524.17	-0.002	195.8	0.0124	524.18	-0.005	189.4	0.0399
524.20	-0.003	195.8	0.008	524.22	-0.007	189.1	0.0399
524.23	-0.003	195.6	0.0044	524.23	-0.009	189.1	0.0346
524.27	-0.005	195.2	0.0009	524.27	-0.009	188.7	0.0275
524.30	-0.007	194.9	-0.0027	524.30	-0.012	188.2	0.0195
524.33	-0.008	194.7	-0.0062	524.33	-0.016	187.7	0.0124
524.37	-0.01	194.5	-0.0098	524.37	-0.017	187.4	0.008
524.40	-0.012	194.2	-0.0098	524.40	-0.019	186.8	0.0027
524.43	-0.013	194.2	-0.0124	524.43	-0.023	186.4	0.0027
524.47	-0.013	194	-0.0142	524.47	-0.023	186.4	-0.0044
524.50	-0.013	193.8	-0.016	524.50	-0.023	186.1	-0.0071
524.53	-0.015	193.6	-0.0186	524.53	-0.025	185.7	-0.0115
524.57	-0.016	193.4	-0.0204	524.57	-0.027	185.4	-0.0151
524.60	-0.016	193.2	-0.0213	524.60	-0.027	185.1	-0.0169
524.63	-0.017	193	-0.0213	524.63	-0.028	184.9	-0.0186
524.67	-0.017	193	-0.0222	524.67	-0.029	184.6	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
524.70	-0.017	192.9	-0.0231	524.70	-0.029	184.6	-0.0204
524.73	-0.017	192.8	-0.0231	524.73	-0.029	184.4	-0.0204
524.77	-0.017	192.7	-0.0231	524.77	-0.029	184.3	-0.0204
524.80	-0.017	192.6	-0.0231	524.80	-0.028	184.1	-0.0204
524.83	-0.016	192.5	-0.0231	524.83	-0.028	184	-0.0204
524.87	-0.016	192.5	-0.0231	524.87	-0.027	184	-0.0186
524.90	-0.015	192.5	-0.0222	524.90	-0.025	184	-0.0186
524.93	-0.015	192.5	-0.0213	524.93	-0.024	184	-0.0178
524.97	-0.014	192.5	-0.0195	524.97	-0.024	184	-0.0151
525.00	-0.012	192.5	-0.0178	525.00	-0.022	184.1	-0.0115
525.03	-0.011	192.6	-0.016	525.03	-0.019	184.2	-0.0089
525.07	-0.01	192.6	-0.0142	525.07	-0.018	184.3	-0.0062
525.10	-0.007	192.7	-0.0142	525.10	-0.016	184.6	-0.0009
525.13	-0.007	192.8	-0.0107	525.13	-0.011	184.8	-0.0009
525.17	-0.007	192.8	-0.0089	525.17	-0.01	184.8	0.0044
525.22	-0.003	193.1	-0.0053	525.20	-0.01	184.9	0.008
525.25	-0.001	193.2	-0.0036	525.23	-0.008	185.3	0.0142
525.27	-0.001	193.2	-0.0009	525.27	-0.003	185.6	0.0213
525.30	0	193.4	0.0036	525.30	-0.001	185.9	0.0284
525.33	0.003	193.7	0.0071	525.33	0.001	186.3	0.0364
525.37	0.005	193.8	0.0107	525.37	0.007	186.7	0.0364
525.40	0.006	194	0.0142	525.40	0.008	186.7	0.0435
525.43	0.009	194.3	0.0142	525.43	0.008	187.1	0.0497
525.47	0.012	194.5	0.0186	525.47	0.011	187.5	0.0577
525.50	0.012	194.5	0.0222	525.50	0.016	188	0.0657
525.53	0.012	194.7	0.0257	525.53	0.017	188.3	0.071
525.57	0.015	195	0.0311	525.57	0.019	188.8	0.0781
525.60	0.017	195.3	0.0337	525.62	0.025	189.2	0.0879
525.63	0.018	195.5	0.0382	525.65	0.025	189.5	0.0905
525.67	0.02	195.8	0.0382	525.68	0.027	189.9	0.0968
525.70	0.022	196.1	0.0417	525.70	0.031	190.3	0.0968
525.73	0.022	196.1	0.0444	525.73	0.032	190.3	0.103
525.77	0.023	196.3	0.0462	525.77	0.032	190.6	0.1056
525.80	0.024	196.5	0.0488	525.80	0.033	191	0.111
525.83	0.026	196.7	0.0515	525.83	0.037	191.4	0.1163
525.87	0.026	196.9	0.0524	525.87	0.037	191.7	0.1189
525.90	0.027	197.1	0.0541	525.90	0.038	192	0.1216
525.93	0.028	197.3	0.0541	525.93	0.04	192.3	0.1216
525.97	0.028	197.3	0.0559	525.97	0.04	192.3	0.1243
526.00	0.028	197.4	0.0568	526.00	0.04	192.5	0.1252
526.03	0.029	197.6	0.0568	526.03	0.04	192.7	0.126
526.07	0.029	197.7	0.0568	526.07	0.04	192.9	0.1269
526.10	0.029	197.8	0.0577	526.10	0.04	193.1	0.1278
526.13	0.029	197.9	0.0577	526.13	0.04	193.2	0.1278
526.17	0.028	198	0.0577	526.17	0.04	193.3	0.1278
526.20	0.027	198	0.0568	526.20	0.039	193.3	0.1278
526.23	0.027	198	0.0559	526.23	0.039	193.4	0.1269
526.27	0.026	198	0.0541	526.27	0.037	193.4	0.1234
526.30	0.025	198	0.0524	526.30	0.033	193.3	0.1207
526.33	0.024	198	0.0515	526.33	0.033	193.3	0.1189
526.37	0.023	197.9	0.0497	526.37	0.031	193.2	0.1145
526.40	0.02	197.8	0.0497	526.40	0.027	193.1	0.1145
526.43	0.02	197.8	0.047	526.43	0.026	193.1	0.111
526.47	0.02	197.8	0.0444	526.47	0.026	192.9	0.1074
526.50	0.018	197.6	0.0417	526.50	0.024	192.7	0.103
526.53	0.015	197.5	0.0382	526.53	0.02	192.4	0.0968
526.57	0.014	197.4	0.0355	526.57	0.018	192.3	0.0914
526.60	0.013	197.1	0.032	526.60	0.016	191.9	0.0843
526.65	0.009	197	0.0284	526.63	0.01	191.5	0.0843
526.68	0.008	196.8	0.0257	526.67	0.009	191.5	0.0763
526.70	0.007	196.6	0.0222	526.70	0.009	191.3	0.0719
526.73	0.003	196.4	0.0222	526.73	0.006	190.9	0.063
526.77	0.002	196.4	0.0178	526.77	0.001	190.4	0.055

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
526.80	0.002	196.2	0.0142	526.80	-0.001	190	0.0488
526.83	-0.001	196	0.0107	526.83	-0.004	189.6	0.0408
526.87	-0.003	195.7	0.0062	526.87	-0.009	189.1	0.0408
526.90	-0.004	195.4	0.0036	526.90	-0.01	189.1	0.0328
526.93	-0.005	195.1	-0.0009	526.93	-0.01	188.7	0.0275
526.97	-0.009	194.8	-0.0009	526.97	-0.011	188.3	0.0204
527.00	-0.009	194.8	-0.0053	527.00	-0.016	187.7	0.0124
527.03	-0.009	194.6	-0.0071	527.03	-0.018	187.4	0.0071
527.07	-0.01	194.4	-0.0107	527.08	-0.019	187	0.0009
527.10	-0.013	194.1	-0.0133	527.12	-0.021	186.5	-0.0018
527.13	-0.013	193.9	-0.0151	527.13	-0.023	186.2	-0.0053
527.17	-0.014	193.7	-0.0178	527.17	-0.024	185.9	-0.0098
527.20	-0.016	193.4	-0.0178	527.20	-0.027	185.4	-0.0098
527.23	-0.016	193.3	-0.0195	527.23	-0.027	185.4	-0.0142
527.27	-0.016	193.3	-0.0213	527.27	-0.027	185.2	-0.016
527.30	-0.016	193.1	-0.0213	527.30	-0.028	184.9	-0.0186
527.33	-0.017	192.9	-0.0231	527.33	-0.028	184.7	-0.0195
527.37	-0.017	192.8	-0.0231	527.37	-0.029	184.5	-0.0204
527.40	-0.017	192.7	-0.0231	527.40	-0.029	184.3	-0.0213
527.43	-0.017	192.6	-0.0231	527.43	-0.028	184.1	-0.0213
527.47	-0.017	192.5	-0.0231	527.47	-0.028	184	-0.0213
527.50	-0.017	192.5	-0.0231	527.50	-0.028	184	-0.0204
527.53	-0.016	192.5	-0.0222	527.53	-0.027	183.9	-0.0195
527.57	-0.016	192.5	-0.0213	527.57	-0.026	183.9	-0.0186
527.60	-0.015	192.5	-0.0204	527.60	-0.025	184	-0.0169
527.63	-0.014	192.5	-0.0195	527.63	-0.023	184	-0.0133
527.67	-0.012	192.5	-0.0169	527.67	-0.021	184.1	-0.0133
527.70	-0.01	192.6	-0.0169	527.70	-0.018	184.2	-0.0107
527.73	-0.009	192.6	-0.0151	527.73	-0.018	184.2	-0.008
527.77	-0.009	192.6	-0.0133	527.77	-0.017	184.3	-0.0036
527.80	-0.008	192.8	-0.0107	527.80	-0.014	184.6	0.0009
527.83	-0.005	192.9	-0.0071	527.83	-0.011	184.8	0.0053
527.87	-0.004	193	-0.0044	527.87	-0.009	185	0.0115
527.90	-0.003	193.2	-0.0018	527.90	-0.006	185.4	0.0178
527.93	0.001	193.4	-0.0018	527.93	-0.001	185.7	0.0178
527.97	0.002	193.4	0.0027	527.97	-0.001	185.7	0.0249
528.00	0.002	193.5	0.0053	528.00	0	185.9	0.032
528.03	0.004	193.8	0.0098	528.03	0.004	186.4	0.0391
528.07	0.007	194	0.0142	528.07	0.007	186.8	0.0462
528.12	0.008	194.2	0.0169	528.10	0.01	187.2	0.0541
528.15	0.009	194.4	0.0195	528.13	0.014	187.7	0.0541
528.17	0.013	194.6	0.024	528.17	0.017	188.1	0.063
528.20	0.013	194.8	0.0275	528.20	0.017	188.1	0.0692
528.23	0.015	195.1	0.032	528.23	0.019	188.4	0.0754
528.27	0.018	195.4	0.032	528.27	0.021	189	0.0808
528.30	0.019	195.4	0.0364	528.30	0.025	189.4	0.0888
528.33	0.019	195.6	0.0382	528.33	0.027	189.7	0.0959
528.37	0.02	195.9	0.0417	528.37	0.03	190.2	0.103
528.40	0.023	196.1	0.0462	528.40	0.032	190.5	0.103
528.43	0.024	196.4	0.0479	528.43	0.032	190.5	0.1074
528.47	0.024	196.6	0.0497	528.47	0.033	190.9	0.1118
528.50	0.026	196.8	0.0497	528.52	0.037	191.5	0.1163
528.53	0.027	196.8	0.0515	528.55	0.038	191.5	0.1189
528.57	0.027	197	0.0533	528.58	0.038	191.8	0.1207
528.60	0.028	197.2	0.055	528.60	0.038	192.1	0.1225
528.63	0.028	197.3	0.0559	528.63	0.039	192.4	0.1252
528.67	0.029	197.5	0.0568	528.67	0.04	192.6	0.126
528.70	0.029	197.6	0.0568	528.70	0.04	192.8	0.1278
528.73	0.029	197.7	0.0568	528.73	0.04	193	0.1278
528.77	0.028	197.8	0.0568	528.77	0.04	193	0.1278
528.80	0.028	197.8	0.0568	528.80	0.04	193.2	0.1278
528.83	0.028	197.9	0.0568	528.83	0.04	193.3	0.1278
528.87	0.028	198	0.0568	528.87	0.039	193.3	0.1269

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
528.90	0.027	198	0.0559	528.90	0.038	193.4	0.1252
528.93	0.026	198	0.0541	528.93	0.036	193.4	0.1216
528.97	0.024	198	0.0541	528.97	0.033	193.3	0.1216
529.00	0.022	197.9	0.0524	529.00	0.032	193.3	0.1198
529.03	0.022	197.9	0.0497	529.03	0.032	193.3	0.1172
529.07	0.022	197.9	0.0479	529.07	0.03	193.1	0.1136
529.10	0.02	197.8	0.0462	529.10	0.027	193	0.1092
529.13	0.018	197.7	0.0435	529.13	0.025	192.9	0.1056
529.17	0.017	197.6	0.0408	529.17	0.023	192.6	0.1003
529.20	0.015	197.4	0.0408	529.20	0.018	192.3	0.1003
529.23	0.013	197.3	0.0373	529.23	0.017	192.3	0.0941
529.27	0.013	197.3	0.0346	529.27	0.017	192.1	0.0897
529.30	0.012	197.1	0.0311	529.30	0.014	191.7	0.0817
529.33	0.008	196.9	0.0257	529.33	0.009	191.3	0.0737
529.37	0.006	196.7	0.0231	529.37	0.007	191.1	0.0675
529.40	0.005	196.5	0.0186	529.40	0.004	190.6	0.0604
529.43	0.002	196.2	0.0186	529.43	0	190.2	0.0604
529.47	0	196	0.0151	529.47	-0.001	190.2	0.0533
529.50	0	196	0.0115	529.50	-0.001	189.9	0.047
529.55	-0.003	195.5	0.008	529.53	-0.005	189.3	0.0382
529.58	-0.005	195.3	0.0053	529.57	-0.01	188.8	0.0293
529.62	-0.005	195.3	0.0027	529.60	-0.011	188.5	0.0231
529.63	-0.006	195	-0.0018	529.63	-0.013	188	0.0169
529.67	-0.008	194.7	-0.0062	529.67	-0.017	187.5	0.0169
529.70	-0.01	194.5	-0.0098	529.70	-0.018	187.5	0.0098
529.73	-0.011	194.3	-0.0124	529.73	-0.018	187.2	0.0053
529.77	-0.013	194	-0.0124	529.77	-0.021	186.7	-0.0009
529.80	-0.014	193.8	-0.0142	529.80	-0.024	186.3	-0.0062
529.83	-0.014	193.8	-0.016	529.83	-0.024	186	-0.0089
529.87	-0.014	193.6	-0.0178	529.87	-0.025	185.6	-0.0115
529.90	-0.016	193.3	-0.0204	529.90	-0.027	185.3	-0.0115
529.93	-0.017	193.2	-0.0213	529.93	-0.027	185.3	-0.0142
529.97	-0.017	193	-0.0222	529.98	-0.028	184.8	-0.0178
530.00	-0.017	192.9	-0.0231	530.02	-0.029	184.6	-0.0178
530.03	-0.017	192.7	-0.0231	530.03	-0.029	184.6	-0.0195
530.07	-0.017	192.7	-0.0231	530.07	-0.029	184.4	-0.0204
530.10	-0.017	192.6	-0.024	530.10	-0.029	184.3	-0.0204
530.13	-0.017	192.5	-0.0231	530.13	-0.029	184.1	-0.0213
530.17	-0.016	192.5	-0.0231	530.17	-0.028	184.1	-0.0195
530.20	-0.016	192.4	-0.0222	530.20	-0.027	184	-0.0186
530.23	-0.015	192.4	-0.0213	530.23	-0.024	184	-0.0186
530.27	-0.014	192.4	-0.0213	530.27	-0.023	184	-0.016
530.30	-0.013	192.4	-0.0204	530.30	-0.023	183.9	-0.0142
530.33	-0.013	192.4	-0.0186	530.33	-0.022	184	-0.0115
530.37	-0.012	192.5	-0.016	530.37	-0.019	184.2	-0.0089
530.40	-0.01	192.6	-0.0142	530.40	-0.019	184.3	-0.0062
530.43	-0.009	192.6	-0.0124	530.43	-0.016	184.6	-0.0009
530.47	-0.007	192.8	-0.0098	530.47	-0.011	184.8	-0.0009
530.50	-0.004	192.9	-0.0098	530.50	-0.01	184.8	0.0044
530.53	-0.003	192.9	-0.0062	530.53	-0.01	184.9	0.0089
530.57	-0.003	193	-0.0036	530.57	-0.008	185.3	0.0151
530.60	-0.002	193.2	0	530.60	-0.003	185.6	0.0213
530.63	0.002	193.4	0.0044	530.63	-0.002	185.9	0.0284
530.67	0.003	193.6	0.0071	530.67	0.001	186.3	0.0364
530.70	0.004	193.9	0.0115	530.70	0.007	186.7	0.0364
530.73	0.009	194.1	0.0115	530.73	0.008	186.7	0.0453
530.77	0.009	194.1	0.016	530.77	0.008	187.1	0.0506
530.80	0.009	194.3	0.0186	530.80	0.011	187.5	0.0586
530.83	0.011	194.6	0.0231	530.83	0.016	188	0.0666
530.87	0.014	194.8	0.0284	530.87	0.018	188.3	0.0728
530.90	0.015	195	0.0311	530.90	0.019	188.8	0.0781
530.93	0.016	195.3	0.0346	530.93	0.024	189.2	0.0781
530.97	0.02	195.6	0.0346	530.97	0.026	189.2	0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
531.02	0.021	195.8	0.0408	531.00	0.026	189.6	0.0932
531.05	0.021	196	0.0435	531.03	0.028	190	0.0994
531.07	0.023	196.3	0.0435	531.07	0.032	190.4	0.1047
531.10	0.024	196.3	0.0462	531.10	0.032	190.7	0.1092
531.13	0.024	196.5	0.0479	531.13	0.034	191.2	0.1136
531.17	0.025	196.7	0.0506	531.17	0.037	191.5	0.1136
531.20	0.027	196.9	0.0524	531.20	0.037	191.5	0.1181
531.23	0.027	197.1	0.0541	531.23	0.037	191.8	0.1198
531.27	0.028	197.2	0.0559	531.27	0.038	192.1	0.1234
531.30	0.028	197.4	0.0559	531.30	0.04	192.4	0.126
531.33	0.029	197.5	0.0568	531.33	0.04	192.6	0.1269
531.37	0.029	197.5	0.0577	531.37	0.04	192.8	0.1278
531.40	0.029	197.7	0.0577	531.40	0.04	193	0.1278
531.43	0.029	197.8	0.0577	531.45	0.04	193.1	0.1278
531.47	0.029	197.9	0.0577	531.48	0.04	193.3	0.1278
531.50	0.028	197.9	0.0568	531.50	0.04	193.4	0.1278
531.53	0.027	198	0.0559	531.53	0.039	193.4	0.1278
531.57	0.026	198	0.0559	531.57	0.039	193.4	0.1269
531.60	0.026	198	0.055	531.60	0.037	193.4	0.1243
531.63	0.026	198	0.0533	531.63	0.034	193.4	0.1216
531.67	0.024	198	0.0515	531.67	0.033	193.4	0.1198
531.70	0.022	197.9	0.0497	531.70	0.032	193.3	0.1163
531.73	0.022	197.9	0.0479	531.73	0.027	193.1	0.1163
531.77	0.02	197.8	0.0453	531.77	0.026	193.1	0.1118
531.80	0.017	197.6	0.0453	531.80	0.026	193	0.1083
531.83	0.016	197.6	0.0426	531.83	0.024	192.8	0.103
531.87	0.016	197.6	0.0399	531.87	0.02	192.5	0.0976
531.90	0.015	197.4	0.0373	531.90	0.018	192.3	0.0923
531.93	0.011	197.2	0.0328	531.93	0.016	192	0.0852
531.97	0.011	197.1	0.0302	531.97	0.011	191.6	0.0852
532.00	0.009	196.8	0.0257	532.00	0.008	191.3	0.0781
532.03	0.005	196.6	0.0257	532.03	0.008	191.3	0.0719
532.07	0.004	196.6	0.0213	532.07	0.006	190.9	0.0648
532.10	0.004	196.4	0.0186	532.10	0.001	190.4	0.0559
532.13	0.002	196.1	0.0142	532.13	-0.001	190.1	0.0497
532.17	-0.001	195.9	0.0098	532.17	-0.003	189.7	0.0426
532.20	-0.002	195.7	0.0062	532.20	-0.008	189.2	0.0426
532.23	-0.004	195.3	0.0027	532.23	-0.01	188.8	0.0337
532.27	-0.007	195.1	0.0027	532.27	-0.01	188.8	0.0284
532.30	-0.007	195.1	-0.0018	532.30	-0.012	188.4	0.0204
532.33	-0.007	194.9	-0.0044	532.33	-0.016	187.8	0.0133
532.37	-0.009	194.6	-0.008	532.37	-0.018	187.5	0.008
532.40	-0.011	194.3	-0.0107	532.40	-0.019	187.1	0.0027
532.45	-0.012	194.1	-0.0133	532.43	-0.022	186.5	0.0027
532.48	-0.013	193.9	-0.0142	532.47	-0.024	186.2	-0.0027
532.52	-0.015	193.7	-0.0169	532.50	-0.024	186.2	-0.0071
532.53	-0.015	193.5	-0.0186	532.53	-0.025	185.9	-0.0107
532.57	-0.016	193.3	-0.0195	532.57	-0.026	185.5	-0.0133
532.60	-0.016	193.1	-0.0195	532.60	-0.028	185.2	-0.016
532.63	-0.017	193.1	-0.0213	532.63	-0.028	185	-0.0178
532.67	-0.017	192.9	-0.0222	532.67	-0.029	184.7	-0.0195
532.70	-0.017	192.8	-0.0231	532.70	-0.029	184.5	-0.0195
532.73	-0.017	192.7	-0.0231	532.73	-0.029	184.5	-0.0204
532.77	-0.017	192.6	-0.0231	532.77	-0.029	184.3	-0.0204
532.80	-0.017	192.5	-0.0231	532.80	-0.028	184.2	-0.0204
532.83	-0.016	192.5	-0.0231	532.83	-0.028	184.1	-0.0195
532.87	-0.016	192.5	-0.0222	532.88	-0.027	184	-0.0186
532.90	-0.016	192.4	-0.0222	532.92	-0.026	184	-0.0178
532.93	-0.015	192.4	-0.0204	532.95	-0.024	184	-0.016
532.97	-0.013	192.4	-0.0186	532.97	-0.023	184	-0.0142
533.00	-0.013	192.4	-0.0178	533.00	-0.022	184.1	-0.0107
533.03	-0.011	192.5	-0.0151	533.03	-0.018	184.3	-0.0107
533.07	-0.009	192.6	-0.0151	533.07	-0.017	184.3	-0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
533.10	-0.008	192.6	-0.0124	533.10	-0.017	184.4	-0.0044
533.13	-0.008	192.7	-0.0107	533.13	-0.015	184.6	0.0009
533.17	-0.006	192.8	-0.0071	533.17	-0.01	184.9	0.0062
533.20	-0.004	193	-0.0044	533.20	-0.009	185	0.0107
533.23	-0.002	193.1	-0.0018	533.23	-0.007	185.4	0.0178
533.27	-0.001	193.3	0.0018	533.27	-0.001	185.8	0.0178
533.30	0.002	193.5	0.0018	533.30	0	185.8	0.0249
533.33	0.004	193.5	0.0062	533.33	0	186	0.0311
533.37	0.004	193.7	0.0089	533.37	0.003	186.5	0.0391
533.40	0.005	193.9	0.0124	533.40	0.007	186.8	0.0453
533.43	0.007	194.1	0.0151	533.43	0.007	187	0.0488
533.47	0.008	194.2	0.0178	533.47	0.01	187.5	0.055
533.50	0.01	194.5	0.0213	533.50	0.015	187.8	0.055
533.53	0.014	194.8	0.0213	533.53	0.016	187.8	0.063
533.57	0.015	194.8	0.0257	533.57	0.016	188.2	0.0692
533.60	0.015	195	0.0302	533.60	0.018	188.7	0.0763
533.63	0.016	195.2	0.0337	533.63	0.024	189.1	0.0843
533.67	0.019	195.5	0.0373	533.67	0.024	189.4	0.0905
533.70	0.02	195.7	0.0399	533.70	0.027	189.9	0.0968
533.73	0.021	196	0.0435	533.73	0.031	190.3	0.0968
533.77	0.023	196.2	0.0435	533.77	0.032	190.3	0.103
533.80	0.024	196.5	0.0462	533.80	0.032	190.6	0.1074
533.83	0.024	196.5	0.0488	533.83	0.033	191	0.1118
533.87	0.025	196.6	0.0506	533.87	0.036	191.4	0.1163
533.92	0.027	197	0.0533	533.90	0.037	191.7	0.1189
533.95	0.027	197	0.0541	533.93	0.038	192	0.1225
533.97	0.028	197.2	0.055	533.97	0.04	192.3	0.1225
534.00	0.028	197.4	0.0568	534.00	0.04	192.3	0.1252
534.03	0.029	197.5	0.0568	534.03	0.04	192.5	0.1269
534.07	0.029	197.6	0.0577	534.07	0.04	192.7	0.1278
534.10	0.029	197.7	0.0577	534.10	0.04	192.9	0.1278
534.13	0.029	197.9	0.0577	534.13	0.04	193.1	0.1278
534.17	0.029	197.9	0.0577	534.17	0.04	193.2	0.1278
534.20	0.028	197.9	0.0577	534.20	0.04	193.3	0.1278
534.23	0.027	198	0.0568	534.23	0.038	193.3	0.1278
534.27	0.027	198	0.0559	534.27	0.038	193.4	0.1269
534.30	0.026	198	0.0541	534.30	0.037	193.4	0.1243
534.33	0.025	198	0.0533	534.35	0.034	193.4	0.1216
534.37	0.023	198	0.0533	534.38	0.034	193.4	0.1207
534.40	0.022	198	0.0515	534.40	0.032	193.3	0.1172
534.43	0.022	197.9	0.0497	534.43	0.029	193.2	0.1136
534.47	0.021	197.8	0.047	534.47	0.027	193.1	0.1101
534.50	0.018	197.7	0.0444	534.50	0.026	192.9	0.1047
534.53	0.017	197.6	0.0417	534.53	0.021	192.6	0.1047
534.57	0.015	197.4	0.0382	534.57	0.019	192.4	0.0994
534.60	0.012	197.3	0.0382	534.60	0.019	192.4	0.095
534.63	0.011	197.3	0.0346	534.63	0.017	192.2	0.0879
534.67	0.011	197.1	0.032	534.67	0.012	191.7	0.0799
534.70	0.01	196.9	0.0284	534.70	0.01	191.4	0.0746
534.73	0.006	196.7	0.0231	534.73	0.008	191.2	0.0675
534.77	0.005	196.5	0.0195	534.77	0.002	190.6	0.0675
534.80	0.003	196.2	0.016	534.80	0	190.3	0.0586
534.83	0	196	0.016	534.83	0	190.3	0.0533
534.87	-0.001	196	0.0107	534.87	-0.002	189.9	0.0453
534.90	-0.001	195.8	0.0071	534.90	-0.007	189.4	0.0373
534.93	-0.003	195.4	0.0036	534.93	-0.009	189	0.0311
534.97	-0.006	195.2	0	534.97	-0.011	188.6	0.0231
535.00	-0.006	194.9	-0.0027	535.00	-0.015	188	0.0231
535.03	-0.008	194.6	-0.0071	535.03	-0.017	187.7	0.016
535.07	-0.011	194.4	-0.0071	535.07	-0.017	187.7	0.0107
535.10	-0.012	194.4	-0.0107	535.10	-0.018	187.3	0.0044
535.13	-0.012	194.2	-0.0124	535.13	-0.022	186.7	-0.0009
535.17	-0.013	193.9	-0.0151	535.17	-0.023	186.3	-0.0053

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
535.20	-0.015	193.7	-0.0178	535.20	-0.024	186	-0.0089
535.23	-0.015	193.5	-0.0186	535.23	-0.026	185.6	-0.0089
535.27	-0.016	193.3	-0.0204	535.27	-0.027	185.4	-0.0124
535.30	-0.017	193.1	-0.0204	535.30	-0.027	185.4	-0.0151
535.33	-0.017	193.1	-0.0222	535.33	-0.028	185.1	-0.0178
535.38	-0.017	192.8	-0.0231	535.37	-0.028	184.8	-0.0186
535.42	-0.017	192.7	-0.0231	535.40	-0.029	184.6	-0.0204
535.43	-0.017	192.7	-0.0231	535.43	-0.029	184.4	-0.0204
535.47	-0.017	192.6	-0.0231	535.47	-0.028	184.3	-0.0204
535.50	-0.017	192.5	-0.0231	535.50	-0.028	184.2	-0.0204
535.53	-0.016	192.4	-0.0231	535.53	-0.027	184.2	-0.0204
535.57	-0.016	192.4	-0.0222	535.57	-0.027	184.1	-0.0186
535.60	-0.015	192.3	-0.0213	535.60	-0.026	184.1	-0.0178
535.63	-0.014	192.4	-0.0213	535.63	-0.024	184.1	-0.016
535.67	-0.013	192.4	-0.0204	535.67	-0.023	184.1	-0.0133
535.70	-0.013	192.4	-0.0186	535.70	-0.022	184.2	-0.0107
535.73	-0.012	192.5	-0.0169	535.73	-0.018	184.3	-0.0107
535.77	-0.01	192.5	-0.0142	535.78	-0.017	184.4	-0.0053
535.80	-0.009	192.6	-0.0115	535.82	-0.016	184.6	-0.0018
535.83	-0.007	192.7	-0.0089	535.85	-0.012	184.8	-0.0018
535.87	-0.004	192.9	-0.0089	535.87	-0.01	184.8	0.0036
535.90	-0.003	192.9	-0.0062	535.90	-0.01	185	0.0089
535.93	-0.003	193	-0.0036	535.93	-0.008	185.3	0.0151
535.97	-0.002	193.2	0	535.97	-0.003	185.6	0.0213
536.00	0.002	193.4	0.0044	536.00	-0.001	185.9	0.0284
536.03	0.003	193.6	0.0071	536.03	0.001	186.4	0.0364
536.07	0.005	193.7	0.0115	536.07	0.006	186.7	0.0364
536.10	0.008	194	0.0115	536.10	0.008	186.7	0.0435
536.13	0.009	194.2	0.0151	536.13	0.008	187.1	0.0506
536.17	0.009	194.2	0.0186	536.17	0.011	187.6	0.0586
536.20	0.011	194.5	0.0222	536.20	0.016	188	0.0657
536.23	0.014	194.8	0.0284	536.23	0.017	188.3	0.0719
536.27	0.015	195	0.0311	536.27	0.02	188.8	0.079
536.30	0.017	195.2	0.0346	536.30	0.024	189.2	0.079
536.33	0.02	195.6	0.0346	536.33	0.026	189.2	0.087
536.37	0.021	195.8	0.0391	536.37	0.026	189.6	0.0932
536.40	0.021	195.8	0.0417	536.40	0.028	190.1	0.0994
536.43	0.022	196	0.0444	536.43	0.032	190.4	0.1056
536.47	0.024	196.3	0.047	536.47	0.033	190.8	0.1101
536.50	0.025	196.5	0.0488	536.50	0.034	191.2	0.1145
536.53	0.026	196.7	0.0515	536.53	0.037	191.5	0.1145
536.57	0.027	196.9	0.0515	536.57	0.037	191.5	0.1181
536.60	0.028	197.1	0.0533	536.60	0.037	191.8	0.1207
536.63	0.028	197.1	0.055	536.63	0.038	192.1	0.1243
536.67	0.028	197.2	0.0559	536.67	0.04	192.4	0.126
536.70	0.029	197.4	0.0559	536.70	0.04	192.6	0.1278
536.73	0.028	197.5	0.0568	536.73	0.04	192.8	0.1278
536.77	0.029	197.6	0.0568	536.77	0.04	193	0.1278
536.82	0.029	197.7	0.0577	536.80	0.04	193	0.1287
536.85	0.029	197.8	0.0577	536.83	0.04	193.1	0.1287
536.88	0.028	197.9	0.0568	536.87	0.039	193.2	0.1278
536.90	0.028	198	0.0559	536.90	0.038	193.3	0.1269
536.93	0.026	198	0.0559	536.93	0.037	193.4	0.1252
536.97	0.026	198	0.055	536.97	0.036	193.4	0.1234
537.00	0.026	198	0.0533	537.00	0.033	193.3	0.1234
537.03	0.024	197.9	0.0515	537.03	0.032	193.3	0.1207
537.07	0.022	197.9	0.0497	537.07	0.032	193.3	0.1181
537.10	0.022	197.8	0.0479	537.10	0.03	193.2	0.1145
537.13	0.02	197.7	0.0453	537.13	0.027	193	0.1101
537.17	0.017	197.6	0.0453	537.17	0.025	192.9	0.1065
537.20	0.016	197.6	0.0417	537.20	0.023	192.7	0.1012
537.23	0.016	197.5	0.0399	537.25	0.019	192.4	0.0959
537.27	0.015	197.4	0.0364	537.28	0.018	192.3	0.0923

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
537.30	0.011	197.2	0.0328	537.30	0.016	192	0.0852
537.33	0.011	197.1	0.0302	537.33	0.01	191.6	0.0852
537.37	0.009	196.8	0.0249	537.37	0.008	191.6	0.0781
537.40	0.005	196.6	0.0249	537.40	0.008	191.3	0.0719
537.43	0.004	196.4	0.0204	537.43	0.006	191	0.0648
537.47	0.004	196.4	0.0186	537.47	0.001	190.5	0.0568
537.50	0.003	196.2	0.0142	537.50	-0.001	190.1	0.0506
537.53	0	195.9	0.0098	537.53	-0.003	189.7	0.0426
537.57	-0.002	195.6	0.0062	537.57	-0.008	189.2	0.0426
537.60	-0.004	195.4	0.0018	537.60	-0.01	188.7	0.0346
537.63	-0.006	195	0.0018	537.63	-0.01	188.7	0.0275
537.67	-0.008	194.8	-0.0018	537.67	-0.012	188.4	0.0204
537.70	-0.008	194.8	-0.0053	537.70	-0.016	187.8	0.0133
537.73	-0.009	194.6	-0.008	537.73	-0.018	187.5	0.0089
537.77	-0.011	194.3	-0.0107	537.77	-0.019	187.1	0.0027
537.80	-0.013	194	-0.0133	537.80	-0.022	186.5	0.0027
537.83	-0.013	193.8	-0.0151	537.83	-0.024	186.2	-0.0027
537.87	-0.014	193.6	-0.0151	537.87	-0.024	186.2	-0.0071
537.90	-0.016	193.4	-0.0178	537.90	-0.025	185.9	-0.0107
537.93	-0.016	193.4	-0.0204	537.93	-0.026	185.5	-0.0142
537.97	-0.016	193.2	-0.0204	537.97	-0.028	185.2	-0.0169
538.00	-0.017	193	-0.0222	538.00	-0.028	185	-0.0178
538.03	-0.017	192.9	-0.0231	538.03	-0.028	184.7	-0.0178
538.07	-0.017	192.7	-0.0231	538.07	-0.029	184.5	-0.0186
538.10	-0.017	192.6	-0.0231	538.10	-0.029	184.5	-0.0204
538.13	-0.017	192.5	-0.0231	538.13	-0.029	184.4	-0.0204
538.17	-0.017	192.5	-0.024	538.17	-0.029	184.2	-0.0204
538.20	-0.017	192.5	-0.0231	538.20	-0.028	184.1	-0.0195
538.23	-0.016	192.4	-0.0222	538.23	-0.027	184.1	-0.0178
538.28	-0.015	192.4	-0.0213	538.27	-0.025	184.1	-0.0169
538.32	-0.015	192.3	-0.0204	538.30	-0.023	184.1	-0.0169
538.33	-0.014	192.4	-0.0195	538.33	-0.023	184.1	-0.0151
538.37	-0.012	192.4	-0.0178	538.37	-0.022	184.1	-0.0124
538.40	-0.011	192.4	-0.016	538.40	-0.02	184.3	-0.0089
538.43	-0.01	192.5	-0.0142	538.43	-0.017	184.4	-0.0053
538.47	-0.008	192.6	-0.0142	538.47	-0.016	184.5	-0.0018
538.50	-0.006	192.6	-0.0115	538.50	-0.013	184.8	0.0027
538.53	-0.006	192.7	-0.0089	538.53	-0.01	185	0.0027
538.57	-0.005	192.9	-0.0053	538.57	-0.008	185	0.0089
538.60	-0.002	193.1	-0.0018	538.60	-0.008	185.2	0.0133
538.63	-0.001	193.2	0.0009	538.63	-0.005	185.6	0.0204
538.67	0.001	193.4	0.0044	538.67	0	185.9	0.0293
538.70	0.004	193.6	0.0044	538.72	0.001	186.2	0.0337
538.73	0.006	193.6	0.0089	538.75	0.003	186.5	0.0391
538.77	0.006	193.8	0.0124	538.77	0.007	187	0.0462
538.80	0.007	194	0.016	538.80	0.009	187.3	0.0533
538.83	0.011	194.3	0.0204	538.83	0.012	187.8	0.0612
538.87	0.012	194.5	0.024	538.87	0.017	188.2	0.0612
538.90	0.013	194.8	0.0293	538.90	0.019	188.2	0.0692
538.93	0.017	195.1	0.0293	538.93	0.019	188.5	0.0754
538.97	0.017	195.1	0.0328	538.97	0.021	189	0.0826
539.00	0.017	195.3	0.0355	539.00	0.025	189.4	0.0897
539.03	0.019	195.6	0.0399	539.03	0.027	189.8	0.0959
539.07	0.022	195.9	0.0426	539.07	0.029	190.2	0.1012
539.10	0.023	196.1	0.0453	539.10	0.032	190.6	0.1012
539.13	0.024	196.3	0.0479	539.13	0.033	190.6	0.1065
539.17	0.025	196.5	0.0479	539.17	0.033	191	0.1118
539.20	0.026	196.7	0.0506	539.20	0.035	191.3	0.1163
539.23	0.026	196.7	0.0524	539.23	0.038	191.7	0.1198
539.27	0.027	196.9	0.0541	539.27	0.038	191.9	0.1216
539.30	0.028	197.1	0.0559	539.30	0.038	192.2	0.1243
539.33	0.028	197.3	0.0559	539.33	0.04	192.5	0.1243
539.37	0.028	197.4	0.0568	539.37	0.04	192.5	0.1269

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
539.40	0.028	197.5	0.0568	539.40	0.04	192.7	0.1278
539.43	0.029	197.7	0.0568	539.43	0.04	192.9	0.1287
539.47	0.029	197.7	0.0577	539.47	0.04	193.1	0.1287
539.50	0.029	197.7	0.0577	539.50	0.04	193.2	0.1287
539.53	0.029	197.8	0.0577	539.53	0.04	193.3	0.1287
539.57	0.028	197.9	0.0568	539.57	0.038	193.4	0.1287
539.60	0.027	197.9	0.055	539.60	0.037	193.4	0.1269
539.63	0.026	197.9	0.0533	539.63	0.037	193.4	0.1252
539.67	0.024	197.9	0.0533	539.67	0.036	193.4	0.1225
539.72	0.023	197.9	0.0506	539.70	0.033	193.4	0.1198
539.75	0.023	197.9	0.0497	539.73	0.031	193.3	0.1172
539.78	0.021	197.8	0.0497	539.77	0.03	193.1	0.1127
539.80	0.02	197.8	0.0479	539.80	0.025	192.9	0.1127
539.83	0.02	197.7	0.0453	539.83	0.024	192.9	0.1083
539.87	0.018	197.5	0.0417	539.87	0.024	192.8	0.1039
539.90	0.015	197.4	0.0382	539.90	0.022	192.6	0.0985
539.93	0.014	197.3	0.0355	539.93	0.017	192.3	0.0923
539.97	0.012	197.1	0.032	539.97	0.016	192.1	0.087
540.00	0.009	196.9	0.032	540.00	0.013	191.7	0.079
540.03	0.008	196.9	0.0284	540.03	0.007	191.3	0.079
540.07	0.008	196.7	0.024	540.07	0.006	191.3	0.0719
540.10	0.006	196.5	0.0204	540.10	0.006	191	0.0657
540.13	0.003	196.3	0.0169	540.15	0	190.2	0.0577
540.17	0.001	196.1	0.0133	540.18	-0.002	190.2	0.0533
540.20	0	195.7	0.0089	540.20	-0.002	189.9	0.047
540.23	-0.003	195.5	0.0089	540.23	-0.004	189.5	0.0391
540.27	-0.005	195.5	0.0053	540.27	-0.01	188.9	0.0302
540.30	-0.005	195.2	0.0018	540.30	-0.011	188.6	0.024
540.33	-0.006	194.9	-0.0027	540.33	-0.013	188.2	0.0178
540.37	-0.009	194.7	-0.0071	540.37	-0.017	187.6	0.0178
540.40	-0.01	194.5	-0.0089	540.40	-0.019	187.3	0.0107
540.43	-0.011	194.2	-0.0107	540.43	-0.019	187.3	0.0053
540.47	-0.013	193.9	-0.0107	540.47	-0.02	186.8	0
540.50	-0.013	193.9	-0.0133	540.50	-0.023	186.4	-0.0053
540.53	-0.013	193.8	-0.016	540.53	-0.024	186	-0.0089
540.57	-0.015	193.5	-0.0186	540.57	-0.025	185.7	-0.0115
540.60	-0.016	193.3	-0.0204	540.60	-0.027	185.3	-0.0115
540.63	-0.016	193.1	-0.0213	540.63	-0.028	185.1	-0.0151
540.67	-0.017	193	-0.0222	540.67	-0.028	185.1	-0.0178
540.70	-0.017	192.8	-0.0222	540.70	-0.028	184.8	-0.0186
540.73	-0.017	192.8	-0.0231	540.73	-0.029	184.6	-0.0195
540.77	-0.017	192.7	-0.0231	540.77	-0.029	184.4	-0.0204
540.80	-0.017	192.6	-0.0231	540.80	-0.029	184.3	-0.0204
540.83	-0.017	192.5	-0.0231	540.83	-0.028	184.2	-0.0204
540.87	-0.017	192.4	-0.0231	540.87	-0.027	184.1	-0.0204
540.90	-0.016	192.4	-0.0213	540.90	-0.027	184.1	-0.0195
540.93	-0.015	192.4	-0.0213	540.93	-0.026	184	-0.0178
540.97	-0.014	192.4	-0.0204	540.97	-0.025	184.1	-0.016
541.00	-0.014	192.4	-0.0195	541.00	-0.023	184.1	-0.0133
541.03	-0.013	192.4	-0.0178	541.03	-0.022	184.1	-0.0107
541.07	-0.011	192.5	-0.016	541.07	-0.019	184.3	-0.0107
541.10	-0.01	192.5	-0.0142	541.10	-0.016	184.4	-0.0071
541.13	-0.009	192.6	-0.0107	541.13	-0.016	184.4	-0.0036
541.18	-0.006	192.8	-0.0089	541.17	-0.015	184.6	0
541.22	-0.006	192.8	-0.0071	541.20	-0.011	184.9	0.0062
541.23	-0.004	193	-0.0036	541.23	-0.008	185.1	0.0115
541.27	-0.001	193.2	-0.0036	541.27	-0.007	185.3	0.0178
541.30	0	193.2	0	541.30	-0.003	185.8	0.0178
541.33	0	193.3	0.0027	541.33	0.001	186.1	0.0249
541.37	0.002	193.5	0.0062	541.37	0.001	186.1	0.032
541.40	0.005	193.8	0.0107	541.40	0.002	186.4	0.0391
541.43	0.007	193.9	0.0142	541.43	0.007	186.9	0.0462
541.47	0.008	194.2	0.0178	541.47	0.01	187.3	0.0533

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
541.50	0.011	194.5	0.0178	541.50	0.012	187.6	0.0604
541.53	0.013	194.5	0.0222	541.53	0.017	188.1	0.0604
541.57	0.013	194.6	0.0257	541.57	0.02	188.5	0.0701
541.60	0.014	194.9	0.0293	541.62	0.021	188.8	0.0799
541.63	0.017	195.2	0.0346	541.65	0.022	189.2	0.0799
541.67	0.019	195.4	0.0373	541.67	0.025	189.6	0.0852
541.70	0.02	195.7	0.0408	541.70	0.025	189.6	0.0914
541.73	0.022	195.9	0.0408	541.73	0.027	190	0.0985
541.77	0.023	195.9	0.0444	541.77	0.031	190.5	0.1065
541.80	0.023	196.2	0.0462	541.80	0.033	190.9	0.111
541.83	0.024	196.4	0.0479	541.83	0.034	191.2	0.1145
541.87	0.025	196.6	0.0506	541.87	0.036	191.5	0.1145
541.90	0.027	196.8	0.0533	541.90	0.038	191.9	0.1189
541.93	0.028	197	0.055	541.93	0.038	191.9	0.1216
541.97	0.028	197.2	0.055	541.97	0.038	192.1	0.1234
542.00	0.028	197.2	0.0559	542.00	0.039	192.4	0.1252
542.03	0.028	197.3	0.0568	542.03	0.04	192.7	0.1269
542.07	0.028	197.5	0.0568	542.07	0.04	192.8	0.1287
542.10	0.029	197.6	0.0577	542.10	0.04	193	0.1287
542.13	0.029	197.7	0.0577	542.13	0.04	193.2	0.1287
542.17	0.029	197.8	0.0577	542.17	0.04	193.2	0.1287
542.20	0.028	197.9	0.0577	542.20	0.04	193.3	0.1287
542.23	0.027	197.9	0.0568	542.23	0.039	193.4	0.1278
542.27	0.027	197.9	0.0559	542.27	0.037	193.4	0.126
542.30	0.026	197.9	0.055	542.30	0.036	193.5	0.1234
542.33	0.025	197.9	0.0533	542.33	0.034	193.4	0.1207
542.37	0.024	197.9	0.0524	542.37	0.032	193.3	0.1207
542.40	0.023	197.9	0.0497	542.40	0.031	193.3	0.1189
542.43	0.021	197.7	0.0497	542.43	0.031	193.3	0.1154
542.47	0.019	197.6	0.047	542.47	0.028	193	0.111
542.50	0.019	197.6	0.0444	542.50	0.024	192.9	0.1065
542.53	0.018	197.6	0.0426	542.53	0.023	192.8	0.1012
542.57	0.016	197.4	0.0391	542.57	0.02	192.4	0.0959
542.60	0.013	197.3	0.0355	542.60	0.016	192.2	0.0959
542.65	0.012	197.1	0.0337	542.63	0.014	192.2	0.0897
542.68	0.011	197	0.0311	542.67	0.014	191.9	0.0834
542.70	0.008	196.8	0.0275	542.70	0.011	191.5	0.0772
542.73	0.007	196.6	0.0231	542.73	0.007	191.2	0.0692
542.77	0.004	196.4	0.0186	542.77	0.005	190.8	0.0612
542.80	0.002	196.1	0.0186	542.80	0.001	190.3	0.0533
542.83	0.002	196.1	0.0151	542.83	-0.004	189.9	0.0533
542.87	0.001	196	0.0107	542.87	-0.004	189.9	0.0453
542.90	-0.002	195.6	0.0062	542.90	-0.005	189.6	0.0399
542.93	-0.004	195.3	0.0036	542.93	-0.008	189	0.032
542.97	-0.005	195.1	0	542.97	-0.012	188.6	0.024
543.00	-0.007	194.8	-0.0036	543.00	-0.013	188.2	0.0186
543.03	-0.01	194.5	-0.0036	543.05	-0.016	187.7	0.0115
543.07	-0.01	194.5	-0.0071	543.08	-0.018	187.4	0.008
543.10	-0.01	194.3	-0.0098	543.12	-0.019	187.1	0.0027
543.13	-0.011	194	-0.0124	543.13	-0.022	186.5	-0.0027
543.17	-0.013	193.8	-0.016	543.17	-0.024	186.2	-0.0027
543.20	-0.015	193.6	-0.0169	543.20	-0.025	186.2	-0.008
543.23	-0.015	193.4	-0.0186	543.23	-0.025	185.9	-0.0098
543.27	-0.016	193.2	-0.0186	543.27	-0.026	185.5	-0.0133
543.30	-0.017	193.2	-0.0204	543.30	-0.028	185.2	-0.016
543.33	-0.017	193	-0.0222	543.33	-0.028	185	-0.0178
543.37	-0.017	192.9	-0.0222	543.37	-0.028	184.7	-0.0195
543.40	-0.017	192.7	-0.0231	543.40	-0.029	184.5	-0.0195
543.43	-0.017	192.6	-0.0231	543.43	-0.029	184.5	-0.0204
543.47	-0.017	192.5	-0.0231	543.47	-0.029	184.3	-0.0213
543.50	-0.017	192.5	-0.0231	543.50	-0.029	184.2	-0.0204
543.53	-0.016	192.5	-0.0231	543.53	-0.027	184.1	-0.0195
543.57	-0.016	192.4	-0.0222	543.57	-0.027	184.1	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
543.60	-0.016	192.3	-0.0222	543.60	-0.026	184.1	-0.0169
543.63	-0.014	192.4	-0.0204	543.63	-0.023	184.1	-0.0169
543.67	-0.014	192.3	-0.0195	543.67	-0.022	184.1	-0.0142
543.70	-0.013	192.4	-0.0169	543.70	-0.022	184.1	-0.0115
543.73	-0.01	192.5	-0.0169	543.73	-0.021	184.3	-0.0089
543.77	-0.009	192.5	-0.0151	543.77	-0.017	184.4	-0.0053
543.80	-0.009	192.5	-0.0133	543.80	-0.016	184.5	-0.0018
543.83	-0.008	192.7	-0.0107	543.83	-0.014	184.8	0.0018
543.87	-0.005	192.8	-0.0071	543.87	-0.01	185	0.0018
543.90	-0.004	192.9	-0.0044	543.90	-0.008	185	0.008
543.93	-0.002	193.1	-0.0009	543.93	-0.008	185.3	0.0142
543.97	0.001	193.3	-0.0009	543.97	-0.005	185.6	0.0213
544.00	0.002	193.3	0.0027	544.00	0	185.9	0.0302
544.03	0.002	193.4	0.0062	544.03	0.001	186.2	0.0355
544.08	0.006	193.9	0.0098	544.07	0.003	186.7	0.0417
544.12	0.007	193.9	0.0124	544.10	0.009	187.2	0.0417
544.13	0.007	194	0.016	544.13	0.011	187.2	0.0497
544.17	0.009	194.3	0.0204	544.17	0.011	187.5	0.0559
544.20	0.012	194.6	0.024	544.20	0.013	188	0.0639
544.23	0.014	194.8	0.0284	544.23	0.019	188.4	0.0728
544.27	0.015	195	0.032	544.27	0.02	188.7	0.079
544.30	0.018	195.3	0.032	544.30	0.022	189.2	0.0861
544.33	0.019	195.3	0.0364	544.33	0.027	189.6	0.0861
544.37	0.019	195.5	0.0391	544.37	0.028	189.6	0.0932
544.40	0.021	195.8	0.0417	544.40	0.028	190	0.0985
544.43	0.022	196	0.0444	544.43	0.03	190.4	0.1039
544.47	0.024	196.3	0.0479	544.47	0.033	190.8	0.1101
544.50	0.025	196.5	0.0497	544.52	0.034	191.1	0.1136
544.53	0.026	196.7	0.0497	544.55	0.035	191.4	0.1163
544.57	0.027	196.7	0.0524	544.57	0.037	191.7	0.1198
544.60	0.027	196.9	0.0533	544.60	0.038	192	0.1225
544.63	0.027	197.1	0.0559	544.63	0.039	192.3	0.1252
544.67	0.028	197.3	0.0568	544.67	0.04	192.5	0.1252
544.70	0.029	197.4	0.0568	544.70	0.04	192.5	0.1269
544.73	0.029	197.5	0.0577	544.73	0.04	192.8	0.1278
544.77	0.029	197.7	0.0577	544.77	0.041	193	0.1287
544.80	0.029	197.7	0.0577	544.80	0.04	193.1	0.1296
544.83	0.029	197.7	0.0577	544.83	0.04	193.3	0.1287
544.87	0.028	197.8	0.0568	544.87	0.04	193.4	0.1287
544.90	0.027	197.9	0.0568	544.90	0.038	193.4	0.1287
544.93	0.027	197.9	0.0559	544.93	0.036	193.5	0.1269
544.97	0.026	197.9	0.0541	544.97	0.036	193.5	0.1252
545.00	0.025	197.9	0.0541	545.00	0.035	193.5	0.1225
545.03	0.023	197.9	0.0524	545.03	0.033	193.4	0.1198
545.07	0.023	197.9	0.0515	545.07	0.031	193.3	0.1181
545.10	0.022	197.8	0.0488	545.10	0.03	193.3	0.1136
545.13	0.02	197.7	0.0462	545.13	0.026	193	0.1136
545.17	0.019	197.6	0.0444	545.17	0.024	192.9	0.1083
545.20	0.017	197.5	0.0408	545.20	0.024	192.9	0.1039
545.23	0.014	197.3	0.0408	545.23	0.022	192.7	0.0985
545.27	0.013	197.2	0.0373	545.27	0.018	192.3	0.0923
545.30	0.013	197.2	0.0346	545.30	0.015	192.1	0.087
545.33	0.011	197	0.0311	545.33	0.013	191.8	0.0808
545.37	0.008	196.8	0.0257	545.37	0.008	191.3	0.0808
545.40	0.007	196.6	0.0231	545.40	0.005	191	0.0719
545.43	0.005	196.4	0.0195	545.43	0.005	191	0.0657
545.47	0.002	196.1	0.0195	545.47	0.003	190.7	0.0586
545.50	0	195.9	0.0151	545.50	-0.001	190.1	0.0506
545.55	-0.001	195.7	0.0098	545.53	-0.004	189.8	0.0435
545.58	-0.002	195.5	0.0098	545.57	-0.006	189.4	0.0364
545.60	-0.005	195.2	0.0062	545.60	-0.01	188.8	0.0364
545.63	-0.005	195.2	0.0018	545.63	-0.013	188.4	0.0284
545.67	-0.006	195	-0.0018	545.67	-0.013	188.4	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
545.70	-0.008	194.6	-0.0053	545.70	-0.014	188.1	0.0151
545.73	-0.01	194.4	-0.0089	545.73	-0.018	187.5	0.0089
545.77	-0.011	194.2	-0.0115	545.77	-0.02	187.2	0.0036
545.80	-0.013	193.9	-0.0142	545.80	-0.021	186.7	-0.0018
545.83	-0.014	193.7	-0.0142	545.83	-0.024	186.3	-0.0018
545.87	-0.014	193.7	-0.0169	545.87	-0.025	185.9	-0.0071
545.90	-0.015	193.5	-0.0178	545.90	-0.025	185.9	-0.0107
545.93	-0.016	193.3	-0.0195	545.95	-0.027	185.3	-0.0124
545.97	-0.016	193.1	-0.0213	545.98	-0.028	185.1	-0.0151
546.00	-0.017	192.9	-0.0222	546.02	-0.028	185.1	-0.0169
546.03	-0.017	192.8	-0.0222	546.03	-0.028	184.8	-0.0178
546.07	-0.017	192.7	-0.0222	546.07	-0.029	184.6	-0.0195
546.10	-0.017	192.7	-0.0231	546.10	-0.029	184.4	-0.0204
546.13	-0.017	192.5	-0.0231	546.13	-0.029	184.3	-0.0204
546.17	-0.017	192.4	-0.0231	546.17	-0.028	184.1	-0.0204
546.20	-0.016	192.4	-0.0231	546.20	-0.027	184.1	-0.0204
546.23	-0.016	192.4	-0.0222	546.23	-0.026	184.1	-0.0186
546.27	-0.015	192.3	-0.0204	546.27	-0.026	184	-0.0178
546.30	-0.014	192.3	-0.0204	546.30	-0.025	184	-0.016
546.33	-0.013	192.3	-0.0195	546.33	-0.023	184.1	-0.0142
546.37	-0.013	192.3	-0.0178	546.37	-0.022	184.1	-0.0115
546.40	-0.012	192.4	-0.016	546.40	-0.02	184.3	-0.008
546.43	-0.01	192.5	-0.0142	546.43	-0.016	184.5	-0.008
546.47	-0.009	192.6	-0.0115	546.47	-0.015	184.5	-0.0036
546.50	-0.007	192.7	-0.0089	546.50	-0.015	184.6	0
546.53	-0.004	192.8	-0.0089	546.53	-0.013	184.9	0.0053
546.57	-0.003	192.8	-0.0053	546.57	-0.008	185.1	0.0115
546.60	-0.003	193	-0.0027	546.60	-0.007	185.4	0.0169
546.63	-0.002	193.2	0	546.63	-0.004	185.7	0.024
546.67	0.002	193.4	0.0044	546.67	0.001	186.1	0.024
546.70	0.003	193.5	0.008	546.70	0.003	186.1	0.032
546.73	0.004	193.8	0.0115	546.73	0.003	186.4	0.0382
546.77	0.008	194	0.0115	546.77	0.006	186.9	0.0462
546.80	0.009	194	0.016	546.80	0.01	187.3	0.0541
546.83	0.009	194.2	0.0195	546.83	0.012	187.7	0.0604
546.87	0.011	194.5	0.024	546.87	0.015	188.1	0.0675
546.90	0.015	194.7	0.0284	546.90	0.019	188.5	0.0675
546.93	0.015	194.9	0.0311	546.93	0.021	188.5	0.0754
546.98	0.017	195.2	0.0355	546.97	0.021	188.9	0.0808
547.02	0.019	195.5	0.0373	547.00	0.023	189.4	0.0879
547.05	0.02	195.7	0.0399	547.03	0.027	189.8	0.0959
547.07	0.021	196	0.0435	547.07	0.029	190.2	0.1003
547.10	0.023	196.2	0.0435	547.10	0.031	190.6	0.1065
547.13	0.024	196.2	0.0462	547.13	0.034	191	0.1065
547.17	0.024	196.4	0.0488	547.17	0.035	191	0.1118
547.20	0.025	196.6	0.0506	547.20	0.035	191.3	0.1154
547.23	0.027	196.8	0.0524	547.23	0.036	191.6	0.1189
547.27	0.027	197	0.0541	547.27	0.039	191.9	0.1225
547.30	0.028	197.1	0.0559	547.30	0.039	192.2	0.1243
547.33	0.029	197.3	0.0559	547.33	0.039	192.5	0.126
547.37	0.029	197.3	0.0568	547.37	0.04	192.7	0.126
547.40	0.029	197.5	0.0568	547.42	0.04	192.9	0.1287
547.43	0.029	197.6	0.0577	547.45	0.04	193.1	0.1287
547.47	0.029	197.7	0.0577	547.47	0.04	193.2	0.1287
547.50	0.029	197.8	0.0577	547.50	0.04	193.2	0.1287
547.53	0.028	197.8	0.0568	547.53	0.04	193.4	0.1287
547.57	0.027	197.9	0.0568	547.57	0.039	193.5	0.1278
547.60	0.026	197.9	0.0559	547.60	0.037	193.5	0.126
547.63	0.026	197.9	0.0541	547.63	0.036	193.5	0.1243
547.67	0.026	197.9	0.0541	547.67	0.035	193.5	0.1216
547.70	0.024	197.9	0.0524	547.70	0.032	193.3	0.1216
547.73	0.023	197.8	0.0497	547.73	0.03	193.3	0.1181
547.77	0.021	197.8	0.0479	547.77	0.03	193.3	0.1154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
547.80	0.019	197.7	0.0479	547.80	0.028	193.2	0.1118
547.83	0.017	197.6	0.0453	547.83	0.025	193	0.1065
547.87	0.017	197.6	0.0417	547.87	0.023	192.8	0.1021
547.90	0.016	197.5	0.0399	547.90	0.021	192.6	0.0968
547.93	0.014	197.3	0.0364	547.93	0.016	192.2	0.0968
547.97	0.012	197.1	0.0337	547.97	0.013	191.9	0.0897
548.00	0.011	197	0.0293	548.00	0.013	191.9	0.0843
548.03	0.007	196.7	0.0293	548.03	0.012	191.7	0.0781
548.07	0.006	196.5	0.024	548.07	0.007	191.2	0.0692
548.10	0.006	196.5	0.0213	548.10	0.004	190.8	0.0621
548.13	0.004	196.3	0.0169	548.13	0.002	190.5	0.0559
548.17	0.001	196	0.0124	548.17	-0.002	190	0.0559
548.20	-0.001	195.8	0.0098	548.20	-0.005	189.6	0.0479
548.23	-0.002	195.6	0.0062	548.23	-0.005	189.6	0.0417
548.27	-0.004	195.2	0.0062	548.27	-0.007	189.2	0.0328
548.30	-0.006	195	0.0027	548.30	-0.012	188.6	0.024
548.33	-0.006	195	-0.0018	548.33	-0.013	188.3	0.0186
548.37	-0.007	194.7	-0.0044	548.37	-0.015	187.8	0.0124
548.40	-0.01	194.4	-0.0089	548.40	-0.019	187.3	0.0124
548.45	-0.011	194.2	-0.0115	548.43	-0.021	186.9	0.0053
548.48	-0.012	194	-0.0124	548.47	-0.021	186.9	0
548.50	-0.013	193.8	-0.0151	548.50	-0.022	186.5	-0.0036
548.53	-0.014	193.6	-0.0169	548.53	-0.024	186.1	-0.008
548.57	-0.015	193.4	-0.0195	548.57	-0.026	185.8	-0.0115
548.60	-0.016	193.1	-0.0204	548.60	-0.026	185.5	-0.0142
548.63	-0.017	193	-0.0204	548.63	-0.027	185.2	-0.0169
548.67	-0.017	193	-0.0213	548.67	-0.028	184.9	-0.0169
548.70	-0.017	192.8	-0.0222	548.70	-0.028	184.9	-0.0186
548.73	-0.017	192.7	-0.0231	548.73	-0.029	184.7	-0.0195
548.77	-0.018	192.6	-0.024	548.77	-0.029	184.5	-0.0195
548.80	-0.017	192.5	-0.0231	548.80	-0.029	184.3	-0.0204
548.83	-0.017	192.4	-0.0231	548.83	-0.028	184.2	-0.0204
548.87	-0.016	192.3	-0.0231	548.88	-0.028	184.1	-0.0195
548.90	-0.016	192.3	-0.0222	548.92	-0.027	184.1	-0.0186
548.93	-0.016	192.3	-0.0213	548.93	-0.026	184	-0.0169
548.97	-0.015	192.4	-0.0204	548.97	-0.025	184.1	-0.0151
549.00	-0.013	192.3	-0.0195	549.00	-0.022	184.1	-0.0151
549.03	-0.012	192.3	-0.0178	549.03	-0.021	184.1	-0.0124
549.07	-0.011	192.4	-0.016	549.07	-0.021	184.2	-0.0098
549.10	-0.009	192.5	-0.016	549.10	-0.019	184.4	-0.0062
549.13	-0.008	192.5	-0.0133	549.13	-0.015	184.6	-0.0018
549.17	-0.008	192.6	-0.0107	549.17	-0.013	184.7	0.0027
549.20	-0.006	192.7	-0.008	549.20	-0.012	184.9	0.0071
549.23	-0.004	192.9	-0.0044	549.23	-0.007	185.2	0.0071
549.27	-0.002	193	-0.0009	549.27	-0.005	185.2	0.0133
549.30	-0.001	193.2	0.0027	549.30	-0.005	185.5	0.0195
549.33	0.002	193.4	0.0027	549.33	-0.003	185.8	0.0275
549.37	0.004	193.4	0.0053	549.37	0.002	186.3	0.0346
549.40	0.004	193.6	0.0089	549.40	0.004	186.5	0.0417
549.43	0.005	193.8	0.0133	549.43	0.007	187.1	0.0488
549.47	0.009	194.1	0.0169	549.47	0.012	187.5	0.0488
549.50	0.01	194.3	0.0213	549.50	0.014	187.5	0.0568
549.53	0.012	194.6	0.0249	549.53	0.014	187.8	0.0621
549.57	0.015	194.9	0.0249	549.57	0.016	188.3	0.0701
549.60	0.016	194.9	0.0302	549.60	0.021	188.7	0.0781
549.63	0.016	195	0.0328	549.63	0.022	189.1	0.0852
549.67	0.017	195.3	0.0373	549.67	0.025	189.5	0.0923
549.70	0.02	195.6	0.0408	549.70	0.029	190	0.0923
549.73	0.022	195.9	0.0435	549.73	0.03	190	0.0994
549.77	0.022	196.1	0.0462	549.77	0.03	190.3	0.1039
549.80	0.024	196.3	0.0462	549.80	0.031	190.7	0.1083
549.83	0.025	196.3	0.0479	549.83	0.035	191.1	0.1136
549.88	0.026	196.7	0.0524	549.87	0.036	191.4	0.1172

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
549.92	0.027	196.9	0.0524	549.90	0.037	191.7	0.1216
549.95	0.027	196.9	0.0533	549.93	0.039	192.1	0.1216
549.97	0.027	197.1	0.055	549.97	0.039	192.1	0.1243
550.00	0.028	197.2	0.0559	550.00	0.039	192.3	0.126
550.03	0.029	197.4	0.0568	550.03	0.04	192.6	0.1269
550.07	0.029	197.5	0.0577	550.07	0.04	192.8	0.1287
550.10	0.029	197.6	0.0577	550.10	0.04	193	0.1296
550.13	0.029	197.7	0.0577	550.13	0.04	193.1	0.1296
550.17	0.028	197.7	0.0577	550.17	0.04	193.3	0.1296
550.20	0.028	197.8	0.0568	550.20	0.04	193.3	0.1296
550.23	0.028	197.9	0.0568	550.23	0.04	193.4	0.1287
550.27	0.027	197.9	0.0559	550.27	0.038	193.4	0.126
550.30	0.026	197.9	0.055	550.32	0.035	193.5	0.1243
550.33	0.026	197.9	0.0533	550.35	0.035	193.5	0.1234
550.37	0.023	197.9	0.0533	550.38	0.034	193.4	0.1207
550.40	0.023	197.9	0.0515	550.40	0.031	193.3	0.1181
550.43	0.023	197.8	0.0497	550.43	0.029	193.2	0.1145
550.47	0.021	197.8	0.047	550.47	0.027	193.1	0.1092
550.50	0.019	197.6	0.0435	550.50	0.024	192.9	0.1092
550.53	0.017	197.5	0.0408	550.53	0.021	192.7	0.1047
550.57	0.015	197.4	0.0382	550.57	0.021	192.7	0.1003
550.60	0.013	197.2	0.0382	550.60	0.019	192.5	0.095
550.63	0.011	197	0.0346	550.63	0.015	192.1	0.0879
550.67	0.011	197	0.032	550.67	0.013	191.8	0.0826
550.70	0.01	196.9	0.0284	550.70	0.01	191.5	0.0746
550.73	0.006	196.6	0.024	550.73	0.005	191	0.0746
550.77	0.005	196.4	0.0204	550.77	0.002	190.6	0.0657
550.80	0.004	196.2	0.016	550.80	0.002	190.6	0.0595
550.83	0.001	195.9	0.016	550.83	0.001	190.3	0.0533
550.87	-0.002	195.7	0.0124	550.87	-0.004	189.8	0.0444
550.90	-0.002	195.7	0.0089	550.90	-0.006	189.4	0.0382
550.93	-0.003	195.5	0.0044	550.93	-0.008	189	0.0311
550.97	-0.005	195.1	0	550.97	-0.012	188.4	0.0311
551.00	-0.007	194.8	-0.0036	551.00	-0.015	188.1	0.0222
551.03	-0.009	194.6	-0.0062	551.03	-0.015	188.1	0.016
551.07	-0.01	194.3	-0.0098	551.07	-0.016	187.7	0.0098
551.10	-0.012	194.1	-0.0098	551.10	-0.02	187.2	0.0036
551.13	-0.012	194.1	-0.0124	551.13	-0.022	186.7	-0.0009
551.17	-0.013	193.9	-0.0151	551.17	-0.023	186.4	-0.0044
551.20	-0.014	193.6	-0.0178	551.20	-0.025	186	-0.0044
551.23	-0.015	193.4	-0.0186	551.23	-0.026	185.7	-0.0089
551.27	-0.016	193.2	-0.0204	551.27	-0.026	185.7	-0.0124
551.30	-0.016	193	-0.0213	551.30	-0.027	185.4	-0.0151
551.35	-0.017	192.9	-0.0222	551.33	-0.028	185.1	-0.0169
551.38	-0.018	192.7	-0.0231	551.37	-0.029	184.8	-0.0186
551.40	-0.017	192.6	-0.0231	551.40	-0.029	184.6	-0.0195
551.43	-0.017	192.5	-0.0231	551.43	-0.029	184.4	-0.0204
551.47	-0.017	192.5	-0.0231	551.47	-0.028	184.3	-0.0204
551.50	-0.017	192.4	-0.0231	551.50	-0.028	184.3	-0.0195
551.53	-0.017	192.4	-0.0231	551.53	-0.028	184.2	-0.0195
551.57	-0.016	192.3	-0.0222	551.57	-0.027	184.1	-0.0186
551.60	-0.015	192.3	-0.0204	551.60	-0.026	184.1	-0.0169
551.63	-0.014	192.3	-0.0195	551.63	-0.025	184.1	-0.0151
551.67	-0.013	192.3	-0.0195	551.67	-0.023	184.2	-0.0124
551.70	-0.012	192.3	-0.0186	551.70	-0.02	184.3	-0.0124
551.73	-0.012	192.4	-0.016	551.73	-0.019	184.3	-0.0098
551.77	-0.011	192.4	-0.0142	551.78	-0.017	184.5	-0.0044
551.80	-0.008	192.5	-0.0115	551.82	-0.015	184.6	-0.0044
551.83	-0.007	192.6	-0.0089	551.83	-0.013	184.6	-0.0009
551.87	-0.006	192.8	-0.0062	551.87	-0.013	184.7	0.0036
551.90	-0.002	192.9	-0.0062	551.90	-0.011	185.1	0.0107
551.93	-0.001	192.9	-0.0027	551.93	-0.005	185.4	0.0178
551.97	-0.001	193.1	0	551.97	-0.004	185.7	0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
552.00	0	193.3	0.0036	552.00	-0.002	186	0.0302
552.03	0.004	193.5	0.008	552.03	0.004	186.4	0.0302
552.07	0.005	193.7	0.0107	552.07	0.006	186.4	0.0391
552.10	0.006	193.9	0.016	552.10	0.006	186.7	0.0444
552.13	0.01	194.2	0.016	552.13	0.008	187.2	0.0524
552.17	0.011	194.2	0.0195	552.17	0.013	187.7	0.0604
552.20	0.011	194.4	0.0231	552.20	0.015	188	0.0666
552.23	0.012	194.6	0.0275	552.23	0.017	188.4	0.0746
552.27	0.016	194.9	0.032	552.27	0.022	188.9	0.0746
552.30	0.017	195.1	0.0346	552.30	0.023	188.9	0.0817
552.33	0.018	195.4	0.0382	552.33	0.023	189.2	0.0879
552.37	0.021	195.7	0.0382	552.37	0.026	189.7	0.095
552.40	0.022	195.7	0.0417	552.40	0.03	190.2	0.1012
552.43	0.022	195.9	0.0444	552.43	0.031	190.5	0.1065
552.47	0.023	196.1	0.047	552.47	0.032	190.9	0.111
552.50	0.025	196.4	0.0497	552.50	0.035	191.3	0.111
552.53	0.026	196.6	0.0515	552.53	0.037	191.3	0.1163
552.57	0.026	196.8	0.0533	552.57	0.037	191.6	0.1198
552.60	0.027	197	0.0533	552.60	0.037	191.9	0.1225
552.63	0.028	197.2	0.055	552.63	0.039	192.2	0.1252
552.67	0.028	197.2	0.0559	552.67	0.039	192.4	0.1269
552.70	0.028	197.3	0.0568	552.70	0.04	192.7	0.1278
552.73	0.029	197.4	0.0577	552.73	0.04	192.9	0.1278
552.77	0.029	197.6	0.0577	552.77	0.04	193.1	0.1296
552.82	0.029	197.7	0.0577	552.80	0.04	193.1	0.1296
552.85	0.029	197.8	0.0577	552.83	0.04	193.3	0.1296
552.87	0.028	197.8	0.0577	552.87	0.04	193.4	0.1296
552.90	0.028	197.9	0.0568	552.90	0.038	193.4	0.1278
552.93	0.027	197.9	0.055	552.93	0.038	193.5	0.126
552.97	0.025	197.9	0.055	552.97	0.035	193.4	0.126
553.00	0.025	197.9	0.0541	553.00	0.034	193.4	0.1234
553.03	0.025	197.9	0.0524	553.03	0.034	193.4	0.1216
553.07	0.024	197.8	0.0506	553.07	0.032	193.4	0.1189
553.10	0.021	197.8	0.0488	553.10	0.029	193.2	0.1145
553.13	0.02	197.7	0.0462	553.13	0.027	193.1	0.111
553.17	0.019	197.6	0.0435	553.17	0.025	193	0.1065
553.20	0.016	197.4	0.0435	553.22	0.022	192.7	0.1003
553.23	0.014	197.4	0.0408	553.25	0.02	192.5	0.0976
553.27	0.014	197.3	0.0373	553.28	0.018	192.3	0.0923
553.30	0.013	197.1	0.0337	553.30	0.014	191.9	0.0852
553.33	0.01	196.9	0.0302	553.33	0.01	191.6	0.0852
553.37	0.009	196.8	0.0257	553.37	0.01	191.6	0.079
553.40	0.007	196.5	0.0222	553.40	0.009	191.4	0.0728
553.43	0.003	196.3	0.0222	553.43	0.005	190.8	0.0639
553.47	0.002	196.3	0.0178	553.47	0.001	190.4	0.0568
553.50	0.002	196.1	0.0151	553.50	-0.001	190.1	0.0497
553.53	0.001	195.8	0.0107	553.53	-0.004	189.6	0.0417
553.57	-0.003	195.6	0.0062	553.57	-0.009	189.1	0.0417
553.60	-0.004	195.3	0.0036	553.60	-0.01	189.1	0.0337
553.63	-0.005	195	-0.0009	553.63	-0.01	188.8	0.0284
553.67	-0.009	194.7	-0.0009	553.67	-0.012	188.3	0.0204
553.70	-0.009	194.7	-0.0044	553.70	-0.016	187.8	0.0124
553.73	-0.009	194.5	-0.0071	553.73	-0.017	187.5	0.0071
553.77	-0.01	194.2	-0.0107	553.77	-0.02	187	0.0018
553.80	-0.013	194	-0.0133	553.80	-0.023	186.6	0.0018
553.83	-0.013	193.8	-0.0151	553.83	-0.023	186.6	-0.0027
553.87	-0.014	193.6	-0.0178	553.87	-0.023	186.2	-0.0071
553.90	-0.016	193.3	-0.0178	553.90	-0.025	185.8	-0.0107
553.93	-0.016	193.3	-0.0195	553.93	-0.027	185.5	-0.0142
553.97	-0.016	193.2	-0.0204	553.97	-0.027	185.2	-0.0151
554.00	-0.016	193	-0.0213	554.00	-0.028	185	-0.0178
554.03	-0.017	192.8	-0.0222	554.03	-0.029	184.7	-0.0178
554.07	-0.017	192.7	-0.0231	554.07	-0.029	184.7	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
554.10	-0.017	192.6	-0.0231	554.10	-0.029	184.5	-0.0204
554.13	-0.017	192.5	-0.0231	554.13	-0.029	184.4	-0.0195
554.17	-0.017	192.4	-0.0231	554.17	-0.028	184.3	-0.0195
554.20	-0.017	192.4	-0.0231	554.20	-0.027	184.2	-0.0186
554.25	-0.016	192.3	-0.0222	554.23	-0.027	184.1	-0.0186
554.28	-0.015	192.3	-0.0213	554.27	-0.025	184.1	-0.0186
554.32	-0.015	192.3	-0.0213	554.30	-0.024	184.1	-0.0169
554.33	-0.014	192.3	-0.0186	554.33	-0.024	184.1	-0.0151
554.37	-0.013	192.3	-0.0178	554.37	-0.022	184.2	-0.0115
554.40	-0.011	192.4	-0.016	554.40	-0.019	184.3	-0.0089
554.43	-0.01	192.4	-0.0133	554.43	-0.018	184.4	-0.0053
554.47	-0.008	192.6	-0.0133	554.47	-0.016	184.7	-0.0009
554.50	-0.006	192.7	-0.0107	554.50	-0.012	184.9	-0.0009
554.53	-0.006	192.7	-0.008	554.53	-0.01	184.9	0.0044
554.57	-0.005	192.8	-0.0053	554.57	-0.01	185.1	0.0089
554.60	-0.002	193	-0.0018	554.60	-0.008	185.4	0.0142
554.63	0	193.2	0.0009	554.63	-0.004	185.7	0.0213
554.67	0.001	193.3	0.0044	554.68	-0.001	186	0.0302
554.70	0.004	193.6	0.0044	554.72	0	186.3	0.0328
554.73	0.006	193.8	0.0089	554.73	0.005	186.6	0.0399
554.77	0.006	193.8	0.0124	554.77	0.006	187	0.047
554.80	0.007	194	0.0169	554.80	0.009	187.5	0.0559
554.83	0.01	194.3	0.0204	554.83	0.015	187.9	0.0559
554.87	0.012	194.5	0.024	554.87	0.016	187.9	0.0639
554.90	0.014	194.7	0.0293	554.90	0.016	188.2	0.0692
554.93	0.016	195	0.0293	554.93	0.018	188.7	0.079
554.97	0.018	195.2	0.0328	554.97	0.024	189.2	0.0861
555.00	0.018	195.2	0.0364	555.00	0.025	189.5	0.0914
555.03	0.019	195.5	0.0399	555.03	0.027	190	0.0976
555.07	0.021	195.8	0.0426	555.07	0.031	190.4	0.0976
555.10	0.023	196	0.0453	555.10	0.032	190.4	0.1047
555.13	0.023	196.2	0.0479	555.13	0.032	190.7	0.1083
555.17	0.025	196.5	0.0506	555.17	0.033	191	0.1127
555.20	0.027	196.7	0.0506	555.20	0.036	191.4	0.1172
555.23	0.027	196.7	0.0524	555.23	0.037	191.7	0.1207
555.27	0.027	196.8	0.0541	555.27	0.038	192	0.1234
555.30	0.028	197	0.0559	555.30	0.039	192.3	0.1234
555.33	0.028	197.2	0.0568	555.33	0.04	192.3	0.1252
555.37	0.029	197.4	0.0568	555.37	0.04	192.6	0.1269
555.40	0.029	197.5	0.0577	555.40	0.04	192.8	0.1278
555.43	0.029	197.6	0.0577	555.43	0.04	193	0.1296
555.47	0.029	197.6	0.0577	555.47	0.04	193.2	0.1296
555.50	0.029	197.7	0.0577	555.50	0.04	193.3	0.1296
555.53	0.029	197.8	0.0577	555.53	0.039	193.4	0.1296
555.57	0.028	197.9	0.0568	555.57	0.038	193.4	0.1287
555.60	0.027	197.9	0.0559	555.60	0.038	193.5	0.1269
555.63	0.026	197.9	0.0541	555.63	0.037	193.5	0.1252
555.67	0.024	197.9	0.0541	555.67	0.034	193.5	0.1225
555.72	0.023	197.8	0.0515	555.70	0.033	193.4	0.1198
555.75	0.023	197.8	0.0497	555.73	0.031	193.3	0.1163
555.77	0.02	197.7	0.0497	555.77	0.028	193.2	0.1163
555.80	0.02	197.7	0.0479	555.80	0.026	193.2	0.1127
555.83	0.02	197.7	0.0453	555.83	0.026	193.1	0.1092
555.87	0.018	197.5	0.0417	555.87	0.024	192.9	0.1039
555.90	0.015	197.4	0.0391	555.90	0.02	192.6	0.0985
555.93	0.014	197.3	0.0364	555.93	0.018	192.4	0.0932
555.97	0.012	197.1	0.0328	555.97	0.016	192.1	0.0852
556.00	0.009	196.9	0.0328	556.00	0.01	191.7	0.0852
556.03	0.008	196.9	0.0284	556.03	0.009	191.7	0.0781
556.07	0.008	196.7	0.0249	556.07	0.009	191.4	0.0728
556.10	0.006	196.5	0.0204	556.12	0.003	190.6	0.0648
556.13	0.002	196.2	0.016	556.15	0	190.3	0.0604
556.17	0.001	196	0.0133	556.18	0	190.3	0.0541

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
556.20	0	195.8	0.0089	556.20	-0.002	190	0.0462
556.23	-0.004	195.4	0.0089	556.23	-0.007	189.4	0.0373
556.27	-0.004	195.4	0.0053	556.27	-0.009	189	0.032
556.30	-0.004	195.2	0.0027	556.30	-0.011	188.6	0.0231
556.33	-0.006	194.9	-0.0018	556.33	-0.015	188.1	0.0231
556.37	-0.009	194.6	-0.0062	556.37	-0.017	187.7	0.016
556.40	-0.01	194.4	-0.008	556.40	-0.017	187.7	0.0107
556.43	-0.011	194.1	-0.0115	556.43	-0.018	187.3	0.0044
556.47	-0.013	193.9	-0.0115	556.47	-0.021	186.7	-0.0009
556.50	-0.014	193.9	-0.0142	556.50	-0.023	186.4	-0.0053
556.53	-0.014	193.7	-0.016	556.53	-0.024	186.1	-0.0089
556.57	-0.014	193.5	-0.0178	556.57	-0.026	185.7	-0.0089
556.60	-0.016	193.2	-0.0204	556.60	-0.027	185.4	-0.0124
556.63	-0.016	193.1	-0.0213	556.63	-0.027	185.4	-0.0151
556.67	-0.017	192.9	-0.0222	556.67	-0.027	185.1	-0.0169
556.70	-0.017	192.8	-0.0222	556.70	-0.028	184.9	-0.0186
556.73	-0.017	192.6	-0.0231	556.73	-0.029	184.6	-0.0204
556.77	-0.017	192.6	-0.0231	556.77	-0.029	184.5	-0.0204
556.80	-0.017	192.5	-0.0231	556.80	-0.028	184.3	-0.0204
556.83	-0.017	192.4	-0.0231	556.83	-0.028	184.2	-0.0204
556.87	-0.016	192.4	-0.0231	556.87	-0.027	184.2	-0.0195
556.90	-0.016	192.3	-0.0222	556.90	-0.027	184.1	-0.0186
556.93	-0.015	192.3	-0.0222	556.93	-0.026	184.1	-0.0178
556.97	-0.014	192.3	-0.0213	556.97	-0.024	184.1	-0.0151
557.00	-0.014	192.3	-0.0195	557.00	-0.023	184.1	-0.0133
557.03	-0.013	192.3	-0.0178	557.03	-0.021	184.3	-0.0107
557.07	-0.011	192.4	-0.016	557.07	-0.018	184.4	-0.0107
557.10	-0.01	192.5	-0.0142	557.10	-0.017	184.4	-0.0071
557.15	-0.009	192.5	-0.0115	557.13	-0.017	184.4	-0.0036
557.18	-0.008	192.6	-0.0098	557.17	-0.015	184.7	0.0018
557.22	-0.005	192.7	-0.0071	557.20	-0.011	185	0.0062
557.23	-0.004	192.8	-0.0044	557.23	-0.009	185.2	0.0107
557.27	-0.002	193.1	-0.0009	557.27	-0.006	185.5	0.0178
557.30	0.001	193.2	-0.0009	557.30	-0.002	185.9	0.0178
557.33	0.002	193.2	0.0018	557.33	0	185.9	0.0257
557.37	0.002	193.4	0.0062	557.37	0	186.1	0.032
557.40	0.004	193.6	0.0098	557.40	0.003	186.5	0.0399
557.43	0.007	193.9	0.0142	557.43	0.008	187	0.047
557.47	0.008	194	0.0178	557.47	0.009	187.3	0.0533
557.50	0.01	194.3	0.0213	557.50	0.012	187.8	0.0612
557.53	0.013	194.6	0.0213	557.53	0.017	188.2	0.0612
557.57	0.014	194.6	0.0275	557.58	0.019	188.6	0.0746
557.60	0.014	194.8	0.0293	557.62	0.02	188.9	0.079
557.63	0.016	195.1	0.0337	557.63	0.024	189.3	0.079
557.67	0.019	195.4	0.0373	557.67	0.026	189.3	0.0861
557.70	0.02	195.6	0.0399	557.70	0.026	189.7	0.0932
557.73	0.021	195.8	0.0426	557.73	0.028	190.1	0.1003
557.77	0.024	196.1	0.0426	557.77	0.032	190.5	0.1056
557.80	0.024	196.1	0.047	557.80	0.032	190.9	0.1092
557.83	0.024	196.3	0.0479	557.83	0.034	191.3	0.1145
557.87	0.025	196.5	0.0506	557.87	0.037	191.6	0.1145
557.90	0.027	196.8	0.0533	557.90	0.038	191.6	0.1189
557.93	0.027	196.9	0.0541	557.93	0.038	191.9	0.1225
557.97	0.028	197.1	0.0559	557.97	0.039	192.2	0.1243
558.00	0.029	197.2	0.0559	558.00	0.039	192.5	0.126
558.03	0.029	197.2	0.0568	558.03	0.04	192.7	0.1278
558.07	0.029	197.4	0.0568	558.07	0.04	192.9	0.1287
558.10	0.029	197.5	0.0568	558.10	0.04	193.1	0.1287
558.13	0.028	197.6	0.0568	558.13	0.04	193.1	0.1287
558.17	0.028	197.7	0.0568	558.17	0.04	193.2	0.1296
558.20	0.028	197.8	0.0568	558.20	0.04	193.4	0.1287
558.23	0.027	197.8	0.0568	558.23	0.039	193.4	0.1278
558.27	0.027	197.8	0.0559	558.27	0.038	193.5	0.1269

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
558.30	0.027	197.9	0.0559	558.30	0.036	193.5	0.1243
558.33	0.026	197.9	0.0533	558.33	0.033	193.4	0.1243
558.37	0.024	197.8	0.0515	558.37	0.032	193.4	0.1207
558.40	0.023	197.8	0.0497	558.40	0.032	193.4	0.1189
558.43	0.022	197.7	0.047	558.43	0.031	193.3	0.1154
558.47	0.019	197.6	0.047	558.47	0.026	193.1	0.111
558.50	0.018	197.6	0.0453	558.50	0.025	193	0.1074
558.53	0.018	197.5	0.0426	558.53	0.023	192.8	0.1021
558.57	0.016	197.4	0.0391	558.57	0.018	192.5	0.1021
558.62	0.013	197.2	0.0355	558.60	0.017	192.5	0.0959
558.65	0.013	197.1	0.0346	558.63	0.017	192.3	0.0905
558.67	0.011	196.9	0.0302	558.67	0.014	191.9	0.0826
558.70	0.008	196.7	0.0257	558.70	0.009	191.5	0.0754
558.73	0.007	196.6	0.0231	558.73	0.007	191.2	0.0701
558.77	0.005	196.3	0.0186	558.77	0.005	190.8	0.0621
558.80	0.002	196.1	0.0186	558.80	-0.001	190.3	0.0621
558.83	0	195.8	0.0151	558.83	-0.002	190.3	0.0533
558.87	0	195.8	0.0115	558.87	-0.002	190	0.0479
558.90	-0.001	195.6	0.0071	558.90	-0.004	189.6	0.0399
558.93	-0.004	195.3	0.0036	558.93	-0.009	189.1	0.0311
558.97	-0.006	195	0	558.97	-0.011	188.7	0.024
559.00	-0.007	194.8	-0.0036	559.00	-0.013	188.2	0.0178
559.03	-0.009	194.5	-0.0036	559.05	-0.017	187.7	0.0107
559.07	-0.011	194.2	-0.0071	559.08	-0.018	187.4	0.0071
559.10	-0.011	194.2	-0.0098	559.10	-0.019	187	0.0018
559.13	-0.011	194	-0.0124	559.13	-0.022	186.5	0.0018
559.17	-0.013	193.7	-0.0151	559.17	-0.024	186.2	-0.0027
559.20	-0.015	193.5	-0.0169	559.20	-0.024	186.2	-0.0071
559.23	-0.015	193.4	-0.0178	559.23	-0.025	185.9	-0.0098
559.27	-0.016	193.1	-0.0204	559.27	-0.026	185.5	-0.0142
559.30	-0.016	193	-0.0204	559.30	-0.028	185.2	-0.0169
559.33	-0.017	193	-0.0213	559.33	-0.028	185	-0.0178
559.37	-0.017	192.8	-0.0222	559.37	-0.029	184.8	-0.0178
559.40	-0.017	192.7	-0.0231	559.40	-0.029	184.6	-0.0195
559.43	-0.017	192.6	-0.0231	559.43	-0.029	184.6	-0.0195
559.47	-0.017	192.5	-0.0231	559.47	-0.028	184.4	-0.0204
559.50	-0.017	192.4	-0.0231	559.50	-0.028	184.2	-0.0204
559.53	-0.016	192.3	-0.0231	559.53	-0.028	184.1	-0.0195
559.57	-0.015	192.3	-0.0222	559.57	-0.027	184.1	-0.0178
559.60	-0.015	192.3	-0.0213	559.60	-0.025	184.1	-0.0178
559.63	-0.015	192.2	-0.0204	559.63	-0.024	184.1	-0.016
559.67	-0.014	192.3	-0.0195	559.67	-0.024	184.1	-0.0151
559.70	-0.012	192.3	-0.0178	559.70	-0.022	184.1	-0.0124
559.73	-0.012	192.4	-0.016	559.73	-0.02	184.3	-0.0089
559.77	-0.009	192.5	-0.016	559.77	-0.017	184.4	-0.0053
559.80	-0.008	192.5	-0.0124	559.80	-0.016	184.5	-0.0018
559.83	-0.008	192.5	-0.0107	559.83	-0.013	184.8	0.0036
559.87	-0.007	192.7	-0.008	559.87	-0.009	185	0.0036
559.90	-0.003	192.8	-0.0044	559.90	-0.009	185	0.0089
559.93	-0.003	192.9	-0.0018	559.93	-0.008	185.2	0.0142
559.97	-0.001	193.2	0.0018	559.97	-0.004	185.6	0.0213
560.00	0.003	193.4	0.0018	560.00	-0.001	185.9	0.0284
560.05	0.004	193.5	0.008	560.03	0.001	186.3	0.0364
560.08	0.004	193.7	0.0115	560.07	0.006	186.7	0.0453
560.12	0.008	193.9	0.0115	560.10	0.01	187.2	0.0453
560.13	0.009	193.9	0.0151	560.13	0.01	187.2	0.0515
560.17	0.009	194.1	0.0186	560.17	0.011	187.5	0.0568
560.20	0.011	194.4	0.0231	560.20	0.014	188	0.0648
560.23	0.014	194.7	0.0284	560.23	0.018	188.4	0.0719
560.27	0.015	194.9	0.0311	560.27	0.02	188.8	0.0799
560.30	0.016	195.1	0.0346	560.30	0.023	189.3	0.0879
560.33	0.02	195.4	0.0346	560.33	0.027	189.7	0.0879
560.37	0.02	195.4	0.0391	560.37	0.027	189.7	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
560.40	0.02	195.7	0.0417	560.40	0.028	190	0.0994
560.43	0.022	195.9	0.0444	560.43	0.03	190.5	0.1047
560.47	0.024	196.2	0.047	560.48	0.034	190.8	0.111
560.50	0.025	196.4	0.0488	560.52	0.034	191.2	0.1136
560.53	0.026	196.6	0.0515	560.55	0.035	191.5	0.1172
560.57	0.027	196.8	0.0515	560.57	0.037	191.8	0.1207
560.60	0.027	196.8	0.0533	560.60	0.038	192.1	0.1234
560.63	0.027	197	0.055	560.63	0.039	192.4	0.1252
560.67	0.028	197.1	0.0559	560.67	0.04	192.6	0.1252
560.70	0.029	197.3	0.0568	560.70	0.04	192.6	0.1269
560.73	0.029	197.4	0.0577	560.73	0.04	192.8	0.1287
560.77	0.029	197.5	0.0577	560.77	0.041	193	0.1296
560.80	0.029	197.7	0.0577	560.80	0.04	193.2	0.1296
560.83	0.028	197.7	0.0577	560.83	0.04	193.3	0.1296
560.87	0.028	197.7	0.0577	560.87	0.04	193.4	0.1287
560.90	0.028	197.8	0.0568	560.90	0.037	193.5	0.1287
560.93	0.027	197.8	0.0559	560.93	0.037	193.5	0.1269
560.97	0.026	197.8	0.0541	560.97	0.037	193.5	0.126
561.00	0.025	197.9	0.0533	561.00	0.036	193.5	0.1234
561.03	0.023	197.8	0.0533	561.03	0.032	193.4	0.1207
561.07	0.022	197.7	0.0506	561.07	0.032	193.4	0.1172
561.10	0.022	197.7	0.0497	561.10	0.029	193.2	0.1136
561.13	0.021	197.7	0.047	561.13	0.025	193	0.1136
561.17	0.019	197.5	0.0435	561.17	0.024	193	0.1083
561.20	0.017	197.4	0.0417	561.20	0.024	192.9	0.1047
561.23	0.016	197.3	0.0382	561.23	0.022	192.6	0.0994
561.27	0.013	197.1	0.0382	561.27	0.017	192.4	0.0932
561.30	0.011	197	0.0346	561.30	0.016	192.1	0.0879
561.33	0.011	197	0.032	561.33	0.013	191.8	0.0808
561.37	0.009	196.8	0.0275	561.37	0.008	191.3	0.0808
561.40	0.006	196.5	0.0231	561.40	0.006	191.3	0.0719
561.43	0.005	196.4	0.0204	561.43	0.006	191	0.0657
561.47	0.003	196.2	0.016	561.47	0.003	190.6	0.0586
561.52	0	195.8	0.0115	561.50	-0.002	190.2	0.0497
561.55	-0.001	195.7	0.0098	561.53	-0.004	189.8	0.0435
561.57	-0.002	195.4	0.0062	561.57	-0.006	189.4	0.0364
561.60	-0.004	195.1	0.0062	561.60	-0.01	188.8	0.0364
561.63	-0.007	194.8	0.0018	561.63	-0.012	188.8	0.0284
561.67	-0.007	194.8	-0.0018	561.67	-0.012	188.5	0.0213
561.70	-0.007	194.6	-0.0044	561.70	-0.014	187.9	0.0151
561.73	-0.009	194.3	-0.0089	561.73	-0.019	187.5	0.0071
561.77	-0.012	194.1	-0.0115	561.77	-0.02	187.2	0.0027
561.80	-0.012	193.9	-0.0133	561.80	-0.021	186.7	-0.0018
561.83	-0.013	193.6	-0.016	561.83	-0.024	186.2	-0.0018
561.87	-0.015	193.4	-0.016	561.87	-0.025	186.2	-0.0071
561.90	-0.015	193.4	-0.0178	561.90	-0.025	186	-0.0089
561.93	-0.015	193.2	-0.0186	561.95	-0.027	185.3	-0.0124
561.97	-0.016	193	-0.0204	561.98	-0.028	185.3	-0.0151
562.00	-0.017	192.9	-0.0222	562.00	-0.028	185.1	-0.0169
562.03	-0.017	192.7	-0.0222	562.03	-0.028	184.8	-0.0186
562.07	-0.017	192.6	-0.0231	562.07	-0.029	184.6	-0.0204
562.10	-0.017	192.5	-0.0231	562.10	-0.029	184.5	-0.0204
562.13	-0.017	192.5	-0.0231	562.13	-0.028	184.3	-0.0195
562.17	-0.017	192.4	-0.0231	562.17	-0.028	184.2	-0.0195
562.20	-0.017	192.3	-0.0231	562.20	-0.027	184.2	-0.0195
562.23	-0.016	192.3	-0.0222	562.23	-0.027	184.1	-0.0195
562.27	-0.015	192.2	-0.0213	562.27	-0.027	184.1	-0.0169
562.30	-0.015	192.3	-0.0195	562.30	-0.024	184.1	-0.016
562.33	-0.013	192.3	-0.0195	562.33	-0.023	184.1	-0.0133
562.37	-0.012	192.3	-0.0186	562.37	-0.022	184.2	-0.0107
562.40	-0.012	192.3	-0.0169	562.40	-0.018	184.4	-0.0107
562.43	-0.011	192.4	-0.0142	562.43	-0.017	184.4	-0.0062
562.47	-0.008	192.5	-0.0115	562.47	-0.017	184.5	-0.0036

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
562.50	-0.007	192.6	-0.0098	562.50	-0.015	184.7	0.0009
562.53	-0.006	192.7	-0.0062	562.53	-0.011	185	0.0062
562.57	-0.003	192.9	-0.0062	562.57	-0.009	185.2	0.0115
562.60	-0.001	192.9	-0.0036	562.60	-0.007	185.5	0.0178
562.63	-0.001	193	0	562.63	-0.001	185.9	0.0178
562.67	0	193.2	0.0036	562.67	0	185.9	0.0257
562.70	0.004	193.4	0.0071	562.70	0	186.1	0.032
562.73	0.005	193.6	0.0107	562.73	0.003	186.6	0.0391
562.77	0.006	193.8	0.0142	562.77	0.008	187	0.0479
562.80	0.01	194.1	0.0142	562.80	0.01	187.3	0.0541
562.83	0.011	194.1	0.0195	562.83	0.012	187.8	0.0612
562.87	0.011	194.3	0.0222	562.87	0.017	188.2	0.0612
562.90	0.012	194.6	0.0275	562.90	0.018	188.2	0.0701
562.93	0.016	194.9	0.032	562.93	0.018	188.6	0.0754
562.98	0.017	195.1	0.0346	562.97	0.021	189.1	0.0834
563.02	0.017	195.3	0.0364	563.00	0.026	189.5	0.0914
563.03	0.02	195.6	0.0399	563.03	0.027	189.8	0.0968
563.07	0.021	195.8	0.0426	563.07	0.029	190.3	0.1021
563.10	0.022	196	0.0462	563.10	0.032	190.7	0.1021
563.13	0.025	196.3	0.0462	563.13	0.033	190.7	0.1083
563.17	0.025	196.5	0.0488	563.17	0.033	191	0.1118
563.20	0.025	196.5	0.0506	563.20	0.035	191.4	0.1172
563.23	0.026	196.7	0.0524	563.23	0.038	191.8	0.1216
563.27	0.027	196.9	0.0541	563.27	0.038	192	0.1234
563.30	0.028	197	0.055	563.30	0.039	192.3	0.1252
563.33	0.028	197.2	0.0559	563.33	0.039	192.6	0.1252
563.37	0.029	197.3	0.0559	563.38	0.041	192.8	0.1287
563.40	0.029	197.5	0.0568	563.42	0.041	193	0.1296
563.43	0.029	197.5	0.0577	563.45	0.04	193.1	0.1296
563.47	0.029	197.6	0.0577	563.47	0.04	193.1	0.1296
563.50	0.029	197.7	0.0577	563.50	0.04	193.3	0.1296
563.53	0.028	197.8	0.0577	563.53	0.04	193.4	0.1296
563.57	0.028	197.8	0.0568	563.57	0.039	193.5	0.1287
563.60	0.027	197.8	0.0559	563.60	0.037	193.5	0.1269
563.63	0.025	197.8	0.0559	563.63	0.036	193.5	0.1252
563.67	0.025	197.8	0.0541	563.67	0.034	193.5	0.1252
563.70	0.025	197.8	0.0524	563.70	0.032	193.5	0.1216
563.73	0.024	197.8	0.0506	563.73	0.032	193.5	0.1198
563.77	0.021	197.7	0.0479	563.77	0.031	193.4	0.1154
563.80	0.02	197.7	0.0462	563.80	0.027	193.2	0.111
563.83	0.019	197.5	0.0435	563.83	0.025	193	0.1065
563.87	0.016	197.4	0.0435	563.87	0.023	192.8	0.1012
563.90	0.015	197.4	0.0399	563.90	0.019	192.5	0.1012
563.93	0.015	197.3	0.0373	563.93	0.017	192.5	0.0959
563.97	0.013	197	0.0337	563.97	0.017	192.3	0.0905
564.00	0.01	196.9	0.0302	564.00	0.014	192	0.0834
564.03	0.009	196.7	0.0257	564.03	0.01	191.6	0.0754
564.07	0.007	196.5	0.0222	564.07	0.006	191.2	0.0692
564.10	0.004	196.2	0.0222	564.10	0.005	190.9	0.063
564.13	0.002	196.2	0.0186	564.13	0.001	190.4	0.063
564.17	0.002	196	0.0142	564.17	-0.003	190	0.0541
564.20	0.001	195.8	0.0107	564.20	-0.003	190	0.047
564.23	-0.003	195.5	0.0062	564.23	-0.005	189.7	0.0399
564.27	-0.004	195.2	0.0036	564.27	-0.009	189.1	0.0328
564.30	-0.005	194.9	-0.0009	564.30	-0.011	188.7	0.0249
564.33	-0.009	194.7	-0.0009	564.33	-0.013	188.3	0.0186
564.37	-0.009	194.7	-0.0044	564.37	-0.017	187.7	0.0186
564.42	-0.01	194.2	-0.0089	564.40	-0.019	187.4	0.0115
564.45	-0.012	194	-0.0089	564.43	-0.019	187.4	0.0062
564.48	-0.013	194	-0.0115	564.47	-0.02	187	0.0009
564.50	-0.013	193.8	-0.0142	564.50	-0.024	186.5	-0.0053
564.53	-0.014	193.6	-0.0169	564.53	-0.025	186.1	-0.008
564.57	-0.015	193.3	-0.0186	564.57	-0.025	185.8	-0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
564.60	-0.016	193.1	-0.0195	564.60	-0.027	185.4	-0.0115
564.63	-0.016	193	-0.0213	564.63	-0.028	185.2	-0.0151
564.67	-0.017	192.8	-0.0213	564.67	-0.028	185.2	-0.0169
564.70	-0.017	192.7	-0.0222	564.70	-0.028	184.9	-0.0186
564.73	-0.017	192.7	-0.0231	564.73	-0.028	184.7	-0.0195
564.77	-0.017	192.5	-0.0231	564.77	-0.029	184.5	-0.0204
564.80	-0.017	192.4	-0.0231	564.80	-0.029	184.4	-0.0204
564.83	-0.017	192.3	-0.0231	564.85	-0.028	184.3	-0.0195
564.87	-0.016	192.3	-0.0222	564.88	-0.028	184.1	-0.0195
564.90	-0.016	192.3	-0.0222	564.90	-0.027	184.1	-0.0186
564.93	-0.015	192.2	-0.0213	564.93	-0.025	184.1	-0.0169
564.97	-0.015	192.2	-0.0204	564.97	-0.023	184.1	-0.0169
565.00	-0.014	192.2	-0.0186	565.00	-0.022	184.1	-0.0142
565.03	-0.012	192.3	-0.0178	565.03	-0.022	184.1	-0.0124
565.07	-0.011	192.3	-0.016	565.07	-0.021	184.3	-0.0089
565.10	-0.01	192.4	-0.0133	565.10	-0.017	184.4	-0.0062
565.13	-0.008	192.5	-0.0133	565.13	-0.015	184.5	-0.0027
565.17	-0.006	192.6	-0.0115	565.17	-0.014	184.7	0.0018
565.20	-0.006	192.6	-0.008	565.20	-0.01	185	0.0018
565.23	-0.005	192.7	-0.0053	565.23	-0.008	185	0.008
565.27	-0.003	193	-0.0018	565.27	-0.008	185.2	0.0124
565.30	0	193.1	0.0009	565.30	-0.005	185.6	0.0195
565.33	0.001	193.3	0.0044	565.33	0	186	0.0293
565.37	0.003	193.5	0.0044	565.37	0.001	186.3	0.0346
565.40	0.006	193.7	0.0089	565.40	0.004	186.7	0.0426
565.43	0.006	193.7	0.0124	565.43	0.009	187.2	0.0426
565.47	0.007	193.9	0.0169	565.47	0.011	187.2	0.0506
565.50	0.01	194.2	0.0204	565.50	0.011	187.5	0.0559
565.53	0.012	194.4	0.024	565.53	0.014	188	0.0648
565.57	0.013	194.6	0.0284	565.57	0.018	188.4	0.0719
565.60	0.015	195	0.0328	565.60	0.02	188.7	0.0781
565.63	0.018	195.2	0.0328	565.63	0.022	189.2	0.0852
565.67	0.019	195.2	0.0364	565.67	0.027	189.7	0.0852
565.70	0.019	195.4	0.0391	565.70	0.028	189.7	0.0932
565.73	0.021	195.7	0.0426	565.73	0.028	190	0.0985
565.77	0.023	196	0.0453	565.77	0.03	190.4	0.1047
565.80	0.024	196.2	0.047	565.80	0.033	190.8	0.1092
565.83	0.025	196.4	0.0497	565.83	0.035	191.2	0.1145
565.88	0.027	196.6	0.0524	565.87	0.036	191.5	0.1181
565.92	0.027	196.8	0.0533	565.90	0.038	191.8	0.1181
565.93	0.027	196.9	0.0541	565.93	0.038	191.8	0.1216
565.97	0.028	197.1	0.0541	565.97	0.038	192.1	0.1234
566.00	0.028	197.1	0.055	566.00	0.039	192.4	0.126
566.03	0.028	197.3	0.0559	566.03	0.04	192.6	0.1269
566.07	0.029	197.4	0.0568	566.07	0.04	192.8	0.1287
566.10	0.029	197.5	0.0577	566.10	0.041	193	0.1296
566.13	0.029	197.6	0.0577	566.13	0.04	193.2	0.1296
566.17	0.029	197.7	0.0577	566.17	0.04	193.2	0.1296
566.20	0.028	197.8	0.0577	566.20	0.04	193.3	0.1287
566.23	0.027	197.8	0.0568	566.23	0.039	193.4	0.1278
566.27	0.027	197.8	0.0559	566.27	0.037	193.4	0.126
566.30	0.026	197.8	0.055	566.32	0.036	193.5	0.1243
566.33	0.025	197.8	0.0533	566.35	0.036	193.5	0.1234
566.37	0.024	197.8	0.0515	566.37	0.033	193.4	0.1207
566.40	0.023	197.8	0.0497	566.40	0.032	193.4	0.1181
566.43	0.021	197.7	0.0497	566.43	0.029	193.2	0.1136
566.47	0.019	197.7	0.047	566.47	0.025	193	0.1136
566.50	0.019	197.6	0.0453	566.50	0.024	193	0.1083
566.53	0.018	197.5	0.0417	566.53	0.024	192.9	0.1056
566.57	0.015	197.3	0.0391	566.57	0.022	192.6	0.0994
566.60	0.014	197.2	0.0364	566.60	0.017	192.3	0.0923
566.63	0.012	197	0.0328	566.63	0.016	192.1	0.087
566.67	0.009	196.8	0.0328	566.67	0.012	191.7	0.079

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
566.70	0.008	196.8	0.0284	566.70	0.007	191.4	0.079
566.73	0.008	196.6	0.0249	566.73	0.006	191.4	0.0719
566.77	0.006	196.4	0.0213	566.77	0.006	191.1	0.0666
566.80	0.002	196.2	0.0169	566.80	0.003	190.6	0.0586
566.83	0.002	196	0.0133	566.83	-0.001	190.2	0.0506
566.87	0	195.7	0.0089	566.87	-0.004	189.8	0.0444
566.90	-0.003	195.4	0.0089	566.90	-0.006	189.3	0.0373
566.93	-0.005	195.4	0.0044	566.93	-0.011	188.8	0.0373
566.97	-0.005	195.1	0.0018	566.97	-0.012	188.8	0.0284
567.00	-0.006	194.9	-0.0018	567.00	-0.012	188.5	0.0213
567.03	-0.008	194.6	-0.0053	567.03	-0.014	188	0.0142
567.07	-0.01	194.3	-0.008	567.07	-0.019	187.5	0.0071
567.10	-0.011	194.1	-0.0115	567.10	-0.019	187.2	0.0036
567.13	-0.013	193.8	-0.0115	567.13	-0.021	186.6	-0.0018
567.17	-0.014	193.8	-0.0142	567.17	-0.024	186.2	-0.0018
567.20	-0.014	193.6	-0.016	567.20	-0.025	186.2	-0.0071
567.23	-0.014	193.4	-0.0178	567.23	-0.025	185.9	-0.0107
567.27	-0.016	193.2	-0.0195	567.27	-0.026	185.6	-0.0142
567.32	-0.016	193	-0.0204	567.30	-0.028	185.3	-0.016
567.35	-0.017	192.9	-0.0222	567.33	-0.028	185	-0.0178
567.38	-0.017	192.7	-0.0222	567.37	-0.028	184.8	-0.0186
567.40	-0.017	192.6	-0.0231	567.40	-0.029	184.6	-0.0186
567.43	-0.017	192.5	-0.0231	567.43	-0.029	184.6	-0.0204
567.47	-0.017	192.4	-0.0231	567.47	-0.029	184.4	-0.0204
567.50	-0.017	192.3	-0.0231	567.50	-0.029	184.3	-0.0204
567.53	-0.017	192.3	-0.0231	567.53	-0.028	184.2	-0.0195
567.57	-0.016	192.2	-0.0222	567.57	-0.027	184.1	-0.0186
567.60	-0.015	192.3	-0.0213	567.60	-0.026	184.1	-0.0169
567.63	-0.014	192.2	-0.0204	567.63	-0.024	184.2	-0.0169
567.67	-0.014	192.2	-0.0186	567.67	-0.022	184.2	-0.0142
567.70	-0.012	192.3	-0.0186	567.70	-0.022	184.2	-0.0124
567.73	-0.01	192.3	-0.0169	567.75	-0.018	184.4	-0.0089
567.77	-0.01	192.3	-0.0151	567.78	-0.017	184.4	-0.0062
567.80	-0.009	192.4	-0.0124	567.80	-0.017	184.5	-0.0036
567.83	-0.008	192.6	-0.0098	567.83	-0.015	184.7	0.0009
567.87	-0.005	192.7	-0.0071	567.87	-0.011	185	0.0062
567.90	-0.004	192.8	-0.0036	567.90	-0.009	185.2	0.0115
567.93	-0.002	193	0	567.93	-0.006	185.5	0.0178
567.97	0.001	193.2	0	567.97	-0.002	185.8	0.0178
568.00	0.002	193.2	0.0027	568.00	0	185.8	0.0249
568.03	0.002	193.3	0.0062	568.03	0	186.1	0.032
568.07	0.003	193.6	0.0098	568.07	0.002	186.5	0.0391
568.10	0.007	193.8	0.0142	568.10	0.008	187	0.047
568.13	0.008	194	0.0178	568.13	0.01	187.3	0.0541
568.17	0.01	194.3	0.0222	568.17	0.012	187.8	0.0612
568.20	0.013	194.5	0.0222	568.20	0.017	188.2	0.0612
568.23	0.014	194.5	0.0275	568.23	0.019	188.2	0.0692
568.27	0.014	194.7	0.0302	568.27	0.019	188.6	0.0754
568.30	0.016	195	0.0337	568.30	0.021	189	0.0826
568.33	0.019	195.3	0.0373	568.33	0.025	189.5	0.0905
568.37	0.02	195.5	0.0408	568.37	0.027	189.8	0.0959
568.40	0.021	195.8	0.0435	568.40	0.029	190.3	0.1021
568.43	0.024	196.1	0.0435	568.43	0.033	190.7	0.1021
568.47	0.024	196.1	0.047	568.47	0.033	190.7	0.1083
568.50	0.024	196.3	0.0479	568.50	0.033	191	0.1118
568.53	0.025	196.5	0.0515	568.53	0.035	191.4	0.1163
568.57	0.027	196.7	0.0533	568.57	0.037	191.7	0.1216
568.60	0.027	196.9	0.0541	568.60	0.038	192	0.1234
568.63	0.028	197	0.0559	568.63	0.039	192.3	0.1252
568.67	0.028	197.2	0.0559	568.67	0.04	192.6	0.1252
568.70	0.029	197.2	0.0568	568.70	0.04	192.6	0.1278
568.73	0.029	197.3	0.0568	568.73	0.04	192.8	0.1287
568.78	0.029	197.5	0.0577	568.77	0.041	193	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
568.82	0.029	197.5	0.0577	568.80	0.04	193.2	0.1296
568.83	0.029	197.7	0.0577	568.83	0.04	193.3	0.1296
568.87	0.028	197.7	0.0577	568.87	0.04	193.4	0.1296
568.90	0.028	197.8	0.0568	568.90	0.038	193.5	0.1296
568.93	0.027	197.8	0.0559	568.93	0.037	193.5	0.1278
568.97	0.026	197.8	0.055	568.97	0.037	193.5	0.126
569.00	0.024	197.8	0.055	569.00	0.036	193.5	0.1234
569.03	0.023	197.8	0.0524	569.03	0.033	193.4	0.1216
569.07	0.023	197.8	0.0506	569.07	0.031	193.4	0.1181
569.10	0.022	197.7	0.0488	569.10	0.03	193.3	0.1136
569.13	0.02	197.6	0.0462	569.13	0.025	193.1	0.1136
569.17	0.019	197.5	0.0444	569.17	0.024	192.9	0.1092
569.20	0.017	197.4	0.0408	569.22	0.022	192.7	0.1021
569.23	0.015	197.2	0.0408	569.25	0.02	192.5	0.1021
569.27	0.013	197.1	0.0373	569.27	0.017	192.3	0.0976
569.30	0.013	197.1	0.0346	569.30	0.017	192.3	0.0923
569.33	0.011	197	0.0302	569.33	0.014	192	0.0834
569.37	0.009	196.7	0.0257	569.37	0.01	191.5	0.0754
569.40	0.006	196.5	0.0231	569.40	0.006	191.2	0.0683
569.43	0.005	196.3	0.0195	569.43	0.005	190.9	0.063
569.47	0.002	196.1	0.0195	569.47	0.001	190.4	0.063
569.50	0	195.8	0.0151	569.50	-0.003	190	0.0541
569.53	0	195.8	0.0115	569.53	-0.003	190	0.047
569.57	-0.001	195.6	0.008	569.57	-0.005	189.6	0.0391
569.60	-0.004	195.2	0.0036	569.60	-0.009	189.1	0.0328
569.63	-0.005	195	0.0009	569.63	-0.011	188.7	0.0257
569.67	-0.006	194.8	-0.0036	569.67	-0.013	188.3	0.0186
569.70	-0.009	194.4	-0.0036	569.70	-0.016	187.7	0.0186
569.73	-0.011	194.2	-0.0071	569.73	-0.019	187.3	0.0115
569.77	-0.011	194.2	-0.0098	569.77	-0.019	187.3	0.0053
569.80	-0.012	194	-0.0124	569.80	-0.02	187	0
569.83	-0.013	193.7	-0.0151	569.83	-0.023	186.4	-0.0053
569.87	-0.015	193.5	-0.0169	569.87	-0.025	186.1	-0.0089
569.90	-0.015	193.3	-0.0186	569.90	-0.026	185.8	-0.0124
569.93	-0.016	193.1	-0.0204	569.93	-0.027	185.4	-0.0151
569.97	-0.017	192.9	-0.0204	569.97	-0.028	185.2	-0.0151
570.00	-0.017	192.9	-0.0222	570.00	-0.028	185.2	-0.0178
570.03	-0.017	192.8	-0.0222	570.03	-0.028	184.9	-0.0178
570.07	-0.017	192.6	-0.0231	570.07	-0.029	184.7	-0.0195
570.10	-0.017	192.5	-0.0231	570.10	-0.029	184.5	-0.0204
570.13	-0.017	192.4	-0.0231	570.13	-0.028	184.4	-0.0204
570.17	-0.017	192.3	-0.0231	570.17	-0.028	184.3	-0.0195
570.20	-0.016	192.3	-0.0231	570.20	-0.027	184.2	-0.0195
570.25	-0.016	192.2	-0.0213	570.23	-0.027	184.2	-0.0186
570.28	-0.015	192.2	-0.0213	570.27	-0.027	184.1	-0.0178
570.30	-0.014	192.2	-0.0213	570.30	-0.025	184.2	-0.016
570.33	-0.013	192.2	-0.0195	570.33	-0.022	184.2	-0.0133
570.37	-0.013	192.2	-0.0178	570.37	-0.022	184.2	-0.0107
570.40	-0.012	192.3	-0.016	570.40	-0.019	184.4	-0.0071
570.43	-0.009	192.4	-0.0133	570.43	-0.016	184.5	-0.0071
570.47	-0.009	192.4	-0.0115	570.47	-0.015	184.5	-0.0036
570.50	-0.008	192.6	-0.0089	570.50	-0.015	184.7	0.0009
570.53	-0.004	192.7	-0.0089	570.53	-0.012	185	0.0062
570.57	-0.003	192.7	-0.0062	570.57	-0.009	185.2	0.0107
570.60	-0.003	192.9	-0.0027	570.60	-0.007	185.4	0.0169
570.63	-0.002	193.1	0.0009	570.65	-0.004	185.9	0.0231
570.67	0.002	193.2	0.0044	570.68	0	186.1	0.0284
570.70	0.003	193.4	0.008	570.72	0.001	186.3	0.0355
570.73	0.004	193.7	0.0115	570.73	0.004	186.7	0.0426
570.77	0.008	193.9	0.0115	570.77	0.009	187.2	0.0426
570.80	0.009	193.9	0.016	570.80	0.011	187.2	0.0506
570.83	0.009	194.1	0.0195	570.83	0.011	187.6	0.0568
570.87	0.011	194.3	0.0231	570.87	0.013	188.1	0.0639

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
570.90	0.014	194.6	0.0275	570.90	0.018	188.5	0.0737
570.93	0.015	194.8	0.0311	570.93	0.02	188.8	0.0799
570.97	0.017	195.1	0.0355	570.97	0.022	189.3	0.0861
571.00	0.02	195.4	0.0355	571.00	0.026	189.7	0.0861
571.03	0.021	195.4	0.0391	571.03	0.028	189.7	0.0932
571.07	0.021	195.6	0.0417	571.07	0.028	190.1	0.0985
571.10	0.022	195.8	0.0444	571.10	0.03	190.5	0.1047
571.13	0.024	196.1	0.047	571.13	0.034	190.9	0.111
571.17	0.025	196.3	0.0497	571.17	0.034	191.2	0.1145
571.20	0.025	196.5	0.0515	571.20	0.036	191.6	0.1189
571.23	0.027	196.7	0.0515	571.23	0.038	191.9	0.1189
571.27	0.028	196.9	0.0541	571.27	0.038	191.9	0.1225
571.30	0.028	196.9	0.055	571.30	0.038	192.2	0.1243
571.33	0.028	197.1	0.0559	571.33	0.039	192.4	0.126
571.37	0.028	197.2	0.0568	571.37	0.04	192.7	0.1278
571.40	0.029	197.4	0.0577	571.40	0.04	192.9	0.1287
571.43	0.029	197.5	0.0577	571.43	0.04	193.1	0.1296
571.47	0.029	197.6	0.0577	571.47	0.04	193.2	0.1296
571.50	0.028	197.7	0.0577	571.50	0.04	193.2	0.1296
571.53	0.028	197.7	0.0577	571.53	0.04	193.4	0.1296
571.57	0.028	197.8	0.0568	571.57	0.039	193.5	0.1287
571.60	0.027	197.8	0.0559	571.60	0.038	193.5	0.1269
571.63	0.026	197.8	0.055	571.63	0.036	193.5	0.1243
571.68	0.025	197.8	0.0533	571.67	0.035	193.5	0.1225
571.72	0.024	197.8	0.0524	571.70	0.032	193.4	0.1225
571.73	0.023	197.7	0.0506	571.73	0.031	193.4	0.1198
571.77	0.022	197.7	0.0479	571.77	0.031	193.3	0.1163
571.80	0.02	197.5	0.0444	571.80	0.028	193.1	0.111
571.83	0.017	197.4	0.0444	571.83	0.024	193	0.1065
571.87	0.017	197.4	0.0426	571.87	0.023	192.8	0.1021
571.90	0.016	197.3	0.0399	571.90	0.021	192.5	0.0968
571.93	0.015	197.2	0.0364	571.93	0.016	192.2	0.0968
571.97	0.011	197	0.0328	571.97	0.014	192.2	0.0905
572.00	0.011	196.9	0.0302	572.00	0.014	192	0.0852
572.03	0.008	196.6	0.0249	572.03	0.012	191.6	0.0781
572.07	0.005	196.4	0.0249	572.07	0.006	191.2	0.0692
572.10	0.005	196.4	0.0213	572.12	0.005	190.9	0.063
572.13	0.004	196.2	0.0178	572.15	0.003	190.6	0.0586
572.17	0.002	195.9	0.0133	572.17	-0.002	190.1	0.0506
572.20	-0.001	195.7	0.0098	572.20	-0.003	189.8	0.0444
572.23	-0.002	195.5	0.0062	572.23	-0.006	189.3	0.0355
572.27	-0.004	195.1	0.0027	572.27	-0.011	188.8	0.0355
572.30	-0.006	194.9	0.0027	572.30	-0.012	188.8	0.0275
572.33	-0.008	194.9	-0.0018	572.33	-0.012	188.4	0.0213
572.37	-0.008	194.6	-0.0044	572.37	-0.014	187.9	0.0133
572.40	-0.009	194.3	-0.0071	572.40	-0.019	187.4	0.0062
572.43	-0.012	194.1	-0.0107	572.43	-0.019	187.1	0.0027
572.47	-0.012	193.9	-0.0133	572.47	-0.021	186.6	-0.0036
572.50	-0.013	193.7	-0.0151	572.50	-0.025	186.2	-0.0036
572.53	-0.015	193.4	-0.0151	572.53	-0.025	186.2	-0.008
572.57	-0.015	193.4	-0.0178	572.57	-0.025	185.9	-0.0098
572.60	-0.015	193.2	-0.0186	572.60	-0.026	185.6	-0.0124
572.63	-0.016	193.1	-0.0204	572.63	-0.028	185.3	-0.016
572.67	-0.017	192.9	-0.0213	572.67	-0.028	185	-0.0178
572.70	-0.017	192.7	-0.0222	572.70	-0.028	184.8	-0.0186
572.73	-0.017	192.6	-0.0231	572.73	-0.029	184.6	-0.0186
572.77	-0.017	192.5	-0.0231	572.77	-0.029	184.6	-0.0204
572.80	-0.017	192.5	-0.0231	572.80	-0.029	184.4	-0.0204
572.83	-0.017	192.4	-0.0231	572.83	-0.028	184.3	-0.0204
572.87	-0.017	192.3	-0.0222	572.87	-0.028	184.2	-0.0195
572.90	-0.016	192.3	-0.0222	572.90	-0.027	184.1	-0.0186
572.93	-0.015	192.2	-0.0213	572.93	-0.026	184.1	-0.0169
572.97	-0.015	192.2	-0.0195	572.97	-0.024	184.1	-0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
573.00	-0.013	192.3	-0.0195	573.00	-0.022	184.1	-0.0151
573.03	-0.012	192.3	-0.0178	573.03	-0.022	184.2	-0.0124
573.07	-0.012	192.3	-0.0169	573.07	-0.02	184.3	-0.0089
573.10	-0.011	192.3	-0.0142	573.10	-0.017	184.5	-0.0053
573.15	-0.008	192.5	-0.0115	573.13	-0.016	184.6	-0.0018
573.18	-0.008	192.5	-0.0107	573.17	-0.014	184.8	0.0027
573.20	-0.006	192.6	-0.008	573.20	-0.01	185.1	0.0027
573.23	-0.004	192.8	-0.0044	573.23	-0.008	185.1	0.008
573.27	-0.002	192.9	-0.0018	573.27	-0.008	185.3	0.0133
573.30	-0.001	193.1	0.0018	573.30	-0.005	185.7	0.0204
573.33	0.002	193.3	0.0018	573.33	0	186	0.0293
573.37	0.004	193.5	0.0062	573.37	0.002	186.3	0.0346
573.40	0.004	193.5	0.0089	573.40	0.004	186.6	0.0417
573.43	0.005	193.7	0.0133	573.43	0.009	187.2	0.0417
573.47	0.008	194	0.0178	573.47	0.011	187.2	0.0506
573.50	0.011	194.2	0.0213	573.50	0.011	187.5	0.0568
573.53	0.012	194.4	0.0249	573.55	0.016	188.3	0.0639
573.57	0.014	194.7	0.0293	573.58	0.019	188.3	0.0692
573.60	0.016	194.9	0.0293	573.62	0.019	188.6	0.0754
573.63	0.016	194.9	0.0328	573.63	0.021	189	0.0826
573.67	0.018	195.1	0.0373	573.67	0.025	189.5	0.0905
573.70	0.02	195.5	0.0399	573.70	0.027	189.9	0.0968
573.73	0.022	195.8	0.0426	573.73	0.029	190.3	0.1039
573.77	0.022	196	0.0462	573.77	0.033	190.8	0.1039
573.80	0.024	196.2	0.0488	573.80	0.033	190.8	0.1101
573.83	0.026	196.4	0.0488	573.83	0.033	191.1	0.1127
573.87	0.026	196.4	0.0515	573.87	0.035	191.4	0.1172
573.90	0.026	196.6	0.0524	573.90	0.037	191.8	0.1207
573.93	0.027	196.8	0.0541	573.93	0.038	192.1	0.1234
573.97	0.028	197	0.0559	573.97	0.039	192.3	0.126
574.00	0.028	197.1	0.0559	574.00	0.04	192.6	0.126
574.03	0.028	197.3	0.0568	574.03	0.041	192.8	0.1278
574.07	0.029	197.4	0.0568	574.07	0.041	192.8	0.1296
574.10	0.029	197.4	0.0577	574.10	0.04	193	0.1296
574.13	0.029	197.5	0.0577	574.13	0.04	193.2	0.1296
574.17	0.029	197.6	0.0577	574.17	0.04	193.3	0.1296
574.20	0.029	197.7	0.0577	574.20	0.04	193.4	0.1296
574.23	0.027	197.8	0.0559	574.23	0.039	193.5	0.1296
574.27	0.026	197.8	0.055	574.27	0.037	193.5	0.1278
574.30	0.025	197.8	0.055	574.30	0.037	193.5	0.126
574.33	0.024	197.8	0.0541	574.33	0.035	193.5	0.1225
574.37	0.024	197.8	0.0524	574.37	0.033	193.4	0.1207
574.40	0.024	197.7	0.0506	574.40	0.031	193.4	0.1181
574.43	0.021	197.6	0.0488	574.43	0.03	193.3	0.1136
574.47	0.02	197.6	0.0462	574.47	0.026	193	0.1136
574.50	0.019	197.4	0.0435	574.50	0.024	192.9	0.1083
574.53	0.016	197.3	0.0435	574.53	0.024	192.9	0.1047
574.58	0.015	197.2	0.0382	574.57	0.022	192.7	0.1003
574.62	0.014	197.1	0.0355	574.60	0.018	192.4	0.0932
574.65	0.011	196.9	0.0355	574.63	0.014	192.1	0.087
574.67	0.01	196.9	0.032	574.67	0.013	191.9	0.0808
574.70	0.01	196.8	0.0284	574.70	0.009	191.4	0.0808
574.73	0.008	196.5	0.024	574.73	0.005	191.1	0.0737
574.77	0.004	196.3	0.0195	574.77	0.005	191.1	0.0657
574.80	0.003	196.1	0.0169	574.80	0.003	190.7	0.0586
574.83	0.002	195.8	0.0124	574.83	-0.001	190.2	0.0506
574.87	-0.002	195.6	0.0124	574.87	-0.004	189.8	0.0444
574.90	-0.003	195.6	0.008	574.90	-0.006	189.4	0.0364
574.93	-0.003	195.3	0.0053	574.93	-0.009	188.9	0.0364
574.97	-0.004	195	0.0009	574.97	-0.013	188.5	0.0293
575.00	-0.008	194.7	-0.0036	575.02	-0.014	188.1	0.0169
575.03	-0.009	194.5	-0.0053	575.05	-0.016	187.7	0.0115
575.07	-0.01	194.3	-0.0089	575.07	-0.019	187.3	0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
575.10	-0.012	194	-0.0089	575.10	-0.019	187.3	0.0062
575.13	-0.013	194	-0.0115	575.13	-0.02	186.9	0
575.17	-0.013	193.8	-0.0142	575.17	-0.023	186.4	-0.0053
575.20	-0.014	193.6	-0.016	575.20	-0.025	186	-0.0098
575.23	-0.015	193.3	-0.0186	575.23	-0.026	185.7	-0.0115
575.27	-0.016	193.2	-0.0195	575.27	-0.027	185.4	-0.0151
575.30	-0.016	193	-0.0204	575.30	-0.028	185.1	-0.0151
575.33	-0.017	192.8	-0.0204	575.33	-0.028	185.1	-0.0169
575.37	-0.017	192.8	-0.0222	575.37	-0.028	184.9	-0.0195
575.40	-0.017	192.7	-0.0231	575.40	-0.029	184.6	-0.0204
575.43	-0.017	192.5	-0.0231	575.43	-0.029	184.5	-0.0204
575.47	-0.017	192.4	-0.0231	575.47	-0.029	184.3	-0.0195
575.50	-0.017	192.3	-0.0231	575.50	-0.028	184.2	-0.0195
575.53	-0.016	192.3	-0.0222	575.53	-0.027	184.1	-0.0195
575.57	-0.016	192.3	-0.0222	575.57	-0.026	184.1	-0.0195
575.60	-0.015	192.3	-0.0213	575.60	-0.026	184.1	-0.0178
575.63	-0.015	192.2	-0.0204	575.63	-0.025	184.1	-0.0169
575.67	-0.014	192.2	-0.0195	575.67	-0.023	184.1	-0.0142
575.70	-0.012	192.3	-0.0178	575.70	-0.022	184.2	-0.0107
575.73	-0.011	192.3	-0.016	575.73	-0.02	184.4	-0.008
575.77	-0.01	192.4	-0.0133	575.77	-0.016	184.5	-0.008
575.80	-0.007	192.5	-0.0133	575.80	-0.015	184.5	-0.0027
575.83	-0.007	192.6	-0.0107	575.83	-0.015	184.6	0
575.87	-0.007	192.6	-0.0089	575.87	-0.012	184.9	0.0053
575.90	-0.005	192.7	-0.0053	575.90	-0.008	185.2	0.0107
575.93	-0.002	192.9	-0.0018	575.93	-0.007	185.4	0.016
575.97	-0.001	193.1	0.0009	575.97	-0.004	185.8	0.0231
576.00	0.001	193.2	0.0053	576.00	0.001	186.2	0.0231
576.05	0.004	193.5	0.0089	576.03	0.003	186.2	0.032
576.08	0.005	193.6	0.0107	576.07	0.003	186.4	0.0382
576.10	0.006	193.8	0.0151	576.10	0.006	187	0.0462
576.13	0.009	194.1	0.0151	576.13	0.011	187.4	0.0541
576.17	0.011	194.3	0.0195	576.17	0.012	187.7	0.0604
576.20	0.011	194.3	0.0231	576.20	0.015	188.1	0.0675
576.23	0.013	194.5	0.0275	576.23	0.02	188.5	0.0675
576.27	0.015	194.8	0.0311	576.27	0.021	188.5	0.0754
576.30	0.017	195.1	0.0346	576.30	0.021	188.9	0.0808
576.33	0.018	195.3	0.0382	576.33	0.023	189.4	0.0879
576.37	0.02	195.6	0.0382	576.37	0.028	189.8	0.0959
576.40	0.022	195.9	0.0417	576.40	0.029	190.2	0.1012
576.43	0.022	195.9	0.0444	576.43	0.031	190.6	0.1074
576.47	0.023	196.1	0.047	576.48	0.034	191	0.1118
576.50	0.024	196.3	0.0497	576.52	0.034	191.3	0.1145
576.53	0.026	196.5	0.0515	576.53	0.036	191.6	0.1181
576.57	0.026	196.7	0.0533	576.57	0.038	191.9	0.1181
576.60	0.027	196.9	0.0533	576.60	0.039	191.9	0.1225
576.63	0.028	197.1	0.055	576.63	0.039	192.2	0.1243
576.67	0.028	197.1	0.0559	576.67	0.039	192.4	0.1269
576.70	0.028	197.2	0.0568	576.70	0.04	192.7	0.1278
576.73	0.028	197.3	0.0568	576.73	0.04	192.9	0.1287
576.77	0.029	197.5	0.0577	576.77	0.04	193.1	0.1296
576.80	0.029	197.6	0.0577	576.80	0.04	193.3	0.1296
576.83	0.029	197.7	0.0577	576.83	0.04	193.3	0.1296
576.87	0.028	197.7	0.0577	576.87	0.04	193.4	0.1296
576.90	0.027	197.7	0.0568	576.90	0.039	193.5	0.1287
576.93	0.027	197.8	0.0559	576.93	0.037	193.5	0.1269
576.97	0.026	197.8	0.0541	576.97	0.036	193.5	0.1252
577.00	0.025	197.7	0.0533	577.00	0.035	193.5	0.1225
577.03	0.024	197.8	0.0515	577.03	0.032	193.4	0.1225
577.07	0.023	197.7	0.0488	577.07	0.031	193.4	0.1189
577.10	0.02	197.6	0.0488	577.10	0.031	193.4	0.1163
577.13	0.019	197.6	0.047	577.13	0.028	193.2	0.111
577.17	0.019	197.5	0.0453	577.17	0.024	193	0.1065

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
577.20	0.018	197.4	0.0417	577.20	0.023	192.8	0.1021
577.23	0.015	197.2	0.0391	577.23	0.021	192.5	0.0968
577.27	0.014	197.1	0.0364	577.27	0.016	192.2	0.0968
577.30	0.012	197	0.0328	577.30	0.014	192.2	0.0897
577.33	0.009	196.7	0.0328	577.33	0.014	192	0.0843
577.37	0.008	196.7	0.0284	577.37	0.012	191.6	0.0772
577.40	0.008	196.6	0.0249	577.40	0.006	191.2	0.0692
577.43	0.006	196.4	0.0204	577.43	0.005	190.9	0.0639
577.48	0.002	196.1	0.0169	577.47	0.002	190.5	0.0559
577.52	0.002	196	0.0142	577.50	-0.003	190	0.0559
577.55	0.001	195.7	0.0107	577.53	-0.005	190	0.0462
577.57	-0.003	195.4	0.0062	577.57	-0.005	189.6	0.0399
577.60	-0.004	195.2	0.0036	577.60	-0.008	189.2	0.032
577.63	-0.005	194.9	-0.0009	577.63	-0.012	188.7	0.0231
577.67	-0.008	194.6	-0.0009	577.67	-0.013	188.3	0.0186
577.70	-0.009	194.6	-0.0044	577.70	-0.015	187.8	0.0124
577.73	-0.009	194.4	-0.0071	577.73	-0.019	187.4	0.0124
577.77	-0.01	194.1	-0.0098	577.77	-0.02	187.4	0.0053
577.80	-0.013	193.9	-0.0133	577.80	-0.02	187	0.0009
577.83	-0.013	193.7	-0.0151	577.83	-0.022	186.5	-0.0044
577.87	-0.014	193.4	-0.0178	577.87	-0.025	186.1	-0.0089
577.90	-0.016	193.2	-0.0178	577.92	-0.026	185.8	-0.0124
577.93	-0.016	193.2	-0.0195	577.95	-0.026	185.5	-0.0142
577.97	-0.016	193	-0.0204	577.98	-0.028	185.3	-0.016
578.00	-0.016	192.9	-0.0213	578.00	-0.027	185	-0.0178
578.03	-0.017	192.7	-0.0222	578.03	-0.028	184.7	-0.0195
578.07	-0.017	192.6	-0.0231	578.07	-0.029	184.5	-0.0195
578.10	-0.017	192.5	-0.0231	578.10	-0.029	184.5	-0.0204
578.13	-0.017	192.4	-0.0231	578.13	-0.029	184.3	-0.0213
578.17	-0.017	192.3	-0.0231	578.17	-0.029	184.3	-0.0195
578.20	-0.017	192.3	-0.0231	578.20	-0.027	184.2	-0.0195
578.23	-0.016	192.2	-0.0222	578.23	-0.027	184.1	-0.0186
578.27	-0.015	192.2	-0.0213	578.27	-0.026	184.1	-0.0169
578.30	-0.014	192.2	-0.0204	578.30	-0.023	184.1	-0.0169
578.33	-0.013	192.2	-0.0178	578.33	-0.022	184.1	-0.0142
578.37	-0.012	192.3	-0.0169	578.37	-0.022	184.2	-0.0124
578.40	-0.01	192.3	-0.0169	578.40	-0.021	184.2	-0.0098
578.43	-0.01	192.3	-0.0151	578.43	-0.017	184.4	-0.0053
578.47	-0.01	192.4	-0.0124	578.47	-0.016	184.6	-0.0027
578.50	-0.007	192.5	-0.0098	578.50	-0.014	184.7	0.0027
578.53	-0.005	192.7	-0.0071	578.53	-0.01	185	0.0027
578.57	-0.004	192.8	-0.0036	578.57	-0.007	185.3	0.0089
578.60	-0.002	193	0	578.60	-0.007	185.3	0.0133
578.63	0.001	193.2	0	578.63	-0.006	185.5	0.0204
578.67	0.001	193.2	0.0027	578.67	-0.001	186	0.0284
578.70	0.002	193.3	0.0062	578.70	0.002	186.3	0.0346
578.73	0.004	193.6	0.0107	578.73	0.004	186.6	0.0417
578.77	0.007	193.8	0.0142	578.77	0.009	187.1	0.0417
578.80	0.008	194	0.0178	578.80	0.011	187.5	0.0506
578.83	0.01	194.3	0.0222	578.83	0.011	187.5	0.0568
578.87	0.013	194.5	0.0222	578.87	0.014	187.9	0.0648
578.90	0.014	194.5	0.0257	578.90	0.018	188.4	0.0728
578.95	0.016	194.9	0.032	578.93	0.021	188.8	0.079
578.98	0.017	195.1	0.032	578.97	0.023	189.1	0.087
579.00	0.019	195.1	0.0346	579.00	0.026	189.6	0.087
579.03	0.019	195.4	0.0382	579.03	0.029	190	0.0941
579.07	0.02	195.7	0.0426	579.07	0.029	190	0.0985
579.10	0.023	196	0.0453	579.10	0.03	190.4	0.1039
579.13	0.024	196.1	0.047	579.13	0.033	190.8	0.1101
579.17	0.024	196.4	0.0497	579.17	0.035	191.2	0.1145
579.20	0.027	196.6	0.0497	579.20	0.036	191.5	0.1181
579.23	0.027	196.6	0.0524	579.23	0.037	191.8	0.1181
579.27	0.027	196.8	0.0533	579.27	0.039	192.1	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
579.30	0.027	196.9	0.055	579.30	0.039	192.1	0.1243
579.33	0.028	197.1	0.0559	579.33	0.039	192.4	0.1252
579.37	0.029	197.3	0.0568	579.38	0.04	192.8	0.1269
579.40	0.029	197.4	0.0568	579.42	0.04	192.8	0.1287
579.43	0.029	197.5	0.0568	579.43	0.04	193	0.1287
579.47	0.028	197.6	0.0568	579.47	0.04	193.2	0.1296
579.50	0.028	197.6	0.0577	579.50	0.04	193.3	0.1296
579.53	0.028	197.7	0.0568	579.53	0.04	193.4	0.1296
579.57	0.028	197.8	0.0568	579.57	0.039	193.5	0.1287
579.60	0.027	197.8	0.0559	579.60	0.037	193.5	0.1287
579.63	0.026	197.8	0.0541	579.63	0.036	193.5	0.126
579.67	0.025	197.7	0.0524	579.67	0.036	193.5	0.1243
579.70	0.023	197.7	0.0524	579.70	0.034	193.5	0.1198
579.73	0.023	197.7	0.0506	579.73	0.031	193.4	0.1181
579.77	0.022	197.7	0.0488	579.77	0.029	193.3	0.1145
579.80	0.021	197.6	0.0462	579.80	0.028	193.1	0.1101
579.83	0.018	197.4	0.0435	579.83	0.023	192.9	0.1101
579.87	0.017	197.4	0.0417	579.87	0.022	192.9	0.1047
579.90	0.015	197.2	0.0382	579.90	0.022	192.8	0.1003
579.93	0.012	197	0.0382	579.93	0.019	192.4	0.0941
579.97	0.011	197	0.0346	579.97	0.014	192.1	0.087
580.00	0.011	196.9	0.0311	580.00	0.013	191.9	0.0817
580.03	0.01	196.7	0.0275	580.03	0.011	191.4	0.0746
580.07	0.006	196.4	0.0231	580.07	0.004	191	0.0746
580.10	0.005	196.3	0.0195	580.10	0.003	191	0.0648
580.13	0.003	196	0.0151	580.13	0.003	190.7	0.0586
580.17	0	195.7	0.0151	580.17	0	190.2	0.0506
580.20	-0.001	195.7	0.0107	580.20	-0.005	189.8	0.0435
580.23	-0.001	195.6	0.008	580.23	-0.006	189.4	0.0373
580.27	-0.003	195.2	0.0036	580.27	-0.008	188.9	0.0302
580.30	-0.006	194.9	0	580.30	-0.013	188.4	0.0302
580.33	-0.007	194.7	-0.0027	580.33	-0.014	188.4	0.0213
580.37	-0.008	194.4	-0.0062	580.37	-0.014	188.1	0.0151
580.42	-0.011	194.2	-0.0098	580.40	-0.017	187.6	0.0089
580.45	-0.011	194	-0.0115	580.43	-0.02	187.2	0.0027
580.47	-0.012	193.7	-0.0142	580.47	-0.021	186.8	-0.0018
580.50	-0.014	193.5	-0.0142	580.50	-0.023	186.3	-0.0062
580.53	-0.015	193.5	-0.016	580.53	-0.025	185.9	-0.0062
580.57	-0.015	193.3	-0.0178	580.57	-0.025	185.9	-0.0107
580.60	-0.015	193.1	-0.0195	580.60	-0.025	185.7	-0.0124
580.63	-0.016	192.9	-0.0213	580.63	-0.027	185.3	-0.0169
580.67	-0.017	192.8	-0.0222	580.67	-0.029	185	-0.0195
580.70	-0.017	192.6	-0.0222	580.70	-0.029	184.8	-0.0204
580.73	-0.017	192.5	-0.0222	580.73	-0.029	184.6	-0.0204
580.77	-0.017	192.5	-0.0231	580.77	-0.028	184.4	-0.0204
580.80	-0.017	192.4	-0.0231	580.82	-0.029	184.3	-0.0213
580.83	-0.017	192.3	-0.0231	580.85	-0.029	184.2	-0.0213
580.87	-0.017	192.2	-0.0231	580.88	-0.027	184.1	-0.0213
580.90	-0.016	192.2	-0.0213	580.90	-0.026	184.1	-0.0195
580.93	-0.015	192.2	-0.0204	580.93	-0.026	184	-0.0186
580.97	-0.014	192.2	-0.0204	580.97	-0.025	184	-0.0169
581.00	-0.013	192.2	-0.0195	581.00	-0.023	184.1	-0.0142
581.03	-0.013	192.2	-0.0178	581.03	-0.022	184.2	-0.0124
581.07	-0.012	192.2	-0.016	581.07	-0.02	184.3	-0.0089
581.10	-0.01	192.4	-0.0142	581.10	-0.016	184.5	-0.0089
581.13	-0.008	192.4	-0.0115	581.13	-0.015	184.5	-0.0044
581.17	-0.007	192.5	-0.0089	581.17	-0.015	184.6	0
581.20	-0.005	192.7	-0.0089	581.20	-0.013	184.9	0.0053
581.23	-0.003	192.8	-0.0062	581.23	-0.008	185.2	0.0115
581.27	-0.003	192.8	-0.0027	581.27	-0.006	185.3	0.0169
581.30	-0.002	193	0	581.30	-0.004	185.7	0.0231
581.33	0.001	193.2	0.0036	581.33	0.001	186.1	0.0231
581.37	0.003	193.4	0.0071	581.37	0.002	186.1	0.0302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
581.40	0.004	193.5	0.0115	581.40	0.002	186.4	0.0373
581.43	0.008	193.9	0.0115	581.43	0.005	186.8	0.0462
581.47	0.01	194.1	0.016	581.47	0.011	187.3	0.055
581.50	0.01	194.1	0.0186	581.50	0.012	187.6	0.0604
581.53	0.011	194.2	0.0231	581.53	0.015	188.1	0.0675
581.57	0.014	194.6	0.0284	581.57	0.019	188.6	0.0675
581.60	0.016	194.8	0.032	581.60	0.021	188.6	0.0754
581.63	0.017	195	0.0355	581.63	0.021	188.9	0.0817
581.67	0.019	195.3	0.0355	581.67	0.023	189.4	0.0888
581.70	0.021	195.6	0.0391	581.70	0.028	189.8	0.0968
581.73	0.021	195.6	0.0417	581.73	0.029	190.2	0.1012
581.77	0.022	195.8	0.0444	581.77	0.031	190.6	0.1065
581.80	0.023	196.1	0.047	581.80	0.034	191	0.1065
581.85	0.025	196.3	0.0497	581.83	0.035	191	0.1118
581.88	0.025	196.5	0.0506	581.87	0.035	191.3	0.1154
581.92	0.026	196.7	0.0524	581.90	0.036	191.7	0.1198
581.93	0.027	196.8	0.0541	581.93	0.039	192	0.1234
581.97	0.028	197	0.055	581.97	0.039	192.2	0.1252
582.00	0.028	197.1	0.0559	582.00	0.039	192.5	0.126
582.03	0.029	197.3	0.0559	582.03	0.04	192.7	0.126
582.07	0.029	197.3	0.0568	582.07	0.04	192.7	0.1278
582.10	0.029	197.4	0.0568	582.10	0.04	192.9	0.1296
582.13	0.029	197.5	0.0577	582.13	0.04	193.1	0.1296
582.17	0.029	197.6	0.0577	582.17	0.04	193.3	0.1296
582.20	0.028	197.7	0.0577	582.20	0.04	193.4	0.1296
582.23	0.028	197.8	0.0568	582.23	0.039	193.5	0.1278
582.27	0.026	197.8	0.0568	582.28	0.037	193.4	0.126
582.30	0.025	197.8	0.055	582.32	0.036	193.5	0.1252
582.33	0.025	197.8	0.0541	582.33	0.035	193.5	0.1225
582.37	0.025	197.8	0.0524	582.37	0.031	193.4	0.1225
582.40	0.023	197.7	0.0506	582.40	0.03	193.4	0.1189
582.43	0.021	197.6	0.0479	582.43	0.03	193.4	0.1163
582.47	0.02	197.6	0.0453	582.47	0.029	193.2	0.1118
582.50	0.018	197.4	0.0453	582.50	0.025	193	0.1074
582.53	0.016	197.4	0.0435	582.53	0.023	192.9	0.103
582.57	0.016	197.3	0.0399	582.57	0.021	192.6	0.0959
582.60	0.015	197.2	0.0373	582.60	0.015	192.2	0.0959
582.63	0.012	197	0.0328	582.63	0.014	192.2	0.0897
582.67	0.01	196.8	0.0302	582.67	0.014	192	0.0852
582.70	0.009	196.7	0.0257	582.70	0.012	191.6	0.0763
582.73	0.005	196.4	0.0257	582.73	0.006	191.2	0.0692
582.77	0.004	196.2	0.0213	582.77	0.005	190.9	0.063
582.80	0.004	196.2	0.0186	582.80	0.002	190.5	0.055
582.83	0.003	196	0.0142	582.83	-0.003	190	0.055
582.87	-0.001	195.7	0.0098	582.87	-0.005	190	0.047
582.90	-0.003	195.4	0.0062	582.90	-0.005	189.6	0.0399
582.93	-0.003	195.2	0.0036	582.93	-0.007	189.2	0.0328
582.97	-0.006	194.8	0.0036	582.97	-0.013	188.7	0.0222
583.00	-0.008	194.6	-0.0009	583.00	-0.014	188.4	0.0178
583.03	-0.008	194.6	-0.0044	583.03	-0.015	187.9	0.0124
583.07	-0.009	194.4	-0.008	583.07	-0.019	187.4	0.0124
583.10	-0.011	194.1	-0.0107	583.10	-0.02	187.4	0.0062
583.13	-0.013	193.8	-0.0133	583.13	-0.02	187	0.0018
583.17	-0.013	193.6	-0.016	583.17	-0.022	186.5	-0.0044
583.20	-0.015	193.4	-0.016	583.20	-0.025	186.1	-0.0098
583.23	-0.015	193.2	-0.0178	583.23	-0.026	185.8	-0.0115
583.27	-0.015	193.2	-0.0195	583.27	-0.026	185.5	-0.0142
583.32	-0.017	192.8	-0.0222	583.30	-0.027	185.2	-0.0142
583.35	-0.017	192.7	-0.0222	583.33	-0.028	184.9	-0.0169
583.37	-0.017	192.7	-0.0222	583.37	-0.028	184.9	-0.0186
583.40	-0.017	192.6	-0.0231	583.40	-0.028	184.8	-0.0195
583.43	-0.017	192.4	-0.0231	583.43	-0.029	184.5	-0.0204
583.47	-0.017	192.3	-0.0231	583.47	-0.029	184.4	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
583.50	-0.017	192.3	-0.0231	583.50	-0.028	184.2	-0.0204
583.53	-0.017	192.2	-0.0222	583.53	-0.027	184.2	-0.0204
583.57	-0.015	192.2	-0.0222	583.57	-0.027	184.1	-0.0195
583.60	-0.015	192.2	-0.0213	583.60	-0.027	184.1	-0.0186
583.63	-0.015	192.1	-0.0204	583.63	-0.025	184.1	-0.016
583.67	-0.014	192.2	-0.0186	583.67	-0.023	184.2	-0.0133
583.70	-0.012	192.2	-0.0169	583.70	-0.021	184.3	-0.0115
583.73	-0.011	192.2	-0.016	583.75	-0.02	184.3	-0.0098
583.77	-0.01	192.3	-0.0133	583.78	-0.018	184.4	-0.0071
583.80	-0.007	192.5	-0.0133	583.80	-0.016	184.5	-0.0027
583.83	-0.006	192.5	-0.0107	583.83	-0.014	184.7	0.0036
583.87	-0.006	192.5	-0.008	583.87	-0.01	185.1	0.0036
583.90	-0.005	192.7	-0.0053	583.90	-0.007	185.3	0.008
583.93	-0.002	192.9	-0.0018	583.93	-0.007	185.3	0.0133
583.97	-0.001	193	0.0009	583.97	-0.006	185.5	0.0195
584.00	0.001	193.2	0.0053	584.00	-0.001	186	0.0284
584.03	0.004	193.5	0.0053	584.03	0.002	186.3	0.0346
584.07	0.006	193.6	0.0089	584.07	0.004	186.6	0.0426
584.10	0.006	193.6	0.0124	584.10	0.009	187.2	0.0426
584.13	0.007	193.8	0.0169	584.13	0.012	187.5	0.0506
584.17	0.011	194.1	0.0213	584.17	0.012	187.5	0.0568
584.20	0.012	194.3	0.024	584.20	0.013	187.9	0.0639
584.23	0.013	194.6	0.0293	584.23	0.017	188.4	0.0719
584.27	0.017	194.9	0.0293	584.27	0.02	188.8	0.079
584.30	0.018	195.1	0.0328	584.30	0.022	189.1	0.0861
584.33	0.018	195.1	0.0355	584.33	0.026	189.6	0.0861
584.37	0.019	195.3	0.0391	584.37	0.029	190	0.0932
584.40	0.021	195.7	0.0426	584.40	0.029	190	0.0985
584.43	0.023	195.9	0.0453	584.43	0.03	190.4	0.1047
584.47	0.023	196.1	0.0479	584.47	0.032	190.8	0.1101
584.50	0.025	196.3	0.0479	584.50	0.035	191.2	0.1145
584.53	0.026	196.5	0.0506	584.53	0.035	191.5	0.1181
584.57	0.026	196.5	0.0524	584.57	0.037	191.9	0.1216
584.60	0.027	196.7	0.0541	584.60	0.039	192.2	0.1216
584.63	0.028	196.9	0.055	584.63	0.039	192.2	0.1252
584.67	0.028	197.1	0.0568	584.67	0.039	192.4	0.1269
584.70	0.029	197.2	0.0568	584.70	0.04	192.6	0.1278
584.75	0.029	197.3	0.0568	584.73	0.041	192.9	0.1296
584.78	0.029	197.4	0.0577	584.77	0.04	193	0.1296
584.82	0.029	197.6	0.0577	584.80	0.04	193.2	0.1296
584.83	0.028	197.6	0.0577	584.83	0.04	193.3	0.1296
584.87	0.028	197.7	0.0577	584.87	0.04	193.3	0.1296
584.90	0.027	197.7	0.0577	584.90	0.04	193.5	0.1296
584.93	0.027	197.7	0.0559	584.93	0.038	193.5	0.1269
584.97	0.027	197.8	0.055	584.97	0.036	193.5	0.1252
585.00	0.025	197.8	0.0533	585.00	0.035	193.5	0.1234
585.03	0.024	197.7	0.0524	585.03	0.033	193.4	0.1198
585.07	0.023	197.7	0.0497	585.07	0.03	193.3	0.1198
585.10	0.021	197.6	0.0497	585.10	0.029	193.3	0.1163
585.13	0.019	197.6	0.047	585.13	0.029	193.2	0.1136
585.17	0.019	197.5	0.0453	585.18	0.024	192.9	0.1083
585.20	0.018	197.4	0.0417	585.22	0.022	192.9	0.1056
585.23	0.015	197.3	0.0391	585.23	0.022	192.7	0.1003
585.27	0.014	197.1	0.0364	585.27	0.019	192.4	0.0941
585.30	0.012	197	0.0328	585.30	0.014	192.1	0.0879
585.33	0.009	196.7	0.0328	585.33	0.013	191.9	0.0817
585.37	0.007	196.6	0.0293	585.37	0.01	191.4	0.0746
585.40	0.007	196.6	0.0249	585.40	0.005	191	0.0746
585.43	0.006	196.3	0.0213	585.43	0.003	191	0.0657
585.47	0.003	196.1	0.0169	585.47	0.003	190.7	0.0595
585.50	0.001	195.9	0.0133	585.50	0.001	190.2	0.0515
585.53	0	195.7	0.0089	585.53	-0.004	189.8	0.0435
585.57	-0.003	195.3	0.0089	585.57	-0.006	189.5	0.0373

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
585.60	-0.005	195	0.0053	585.60	-0.008	188.9	0.0302
585.63	-0.005	195	0.0018	585.63	-0.013	188.4	0.0302
585.67	-0.006	194.8	-0.0018	585.67	-0.014	188.4	0.0204
585.70	-0.008	194.5	-0.0053	585.70	-0.014	188.1	0.016
585.73	-0.01	194.2	-0.0089	585.73	-0.016	187.6	0.0089
585.77	-0.011	194	-0.0115	585.77	-0.021	187.1	0.0027
585.80	-0.013	193.7	-0.0115	585.80	-0.021	186.8	-0.0009
585.83	-0.014	193.5	-0.0142	585.83	-0.022	186.4	-0.0053
585.87	-0.014	193.5	-0.016	585.87	-0.026	186	-0.0053
585.90	-0.015	193.3	-0.0178	585.90	-0.026	186	-0.0107
585.93	-0.016	193.1	-0.0195	585.93	-0.026	185.7	-0.0133
585.97	-0.016	192.9	-0.0204	585.97	-0.027	185.3	-0.0151
586.00	-0.017	192.8	-0.0213	586.00	-0.029	185	-0.0186
586.03	-0.017	192.6	-0.0222	586.03	-0.028	184.8	-0.0186
586.07	-0.017	192.5	-0.0222	586.07	-0.029	184.6	-0.0204
586.10	-0.017	192.5	-0.0231	586.10	-0.029	184.5	-0.0204
586.13	-0.017	192.4	-0.0231	586.13	-0.028	184.5	-0.0204
586.17	-0.017	192.3	-0.0231	586.17	-0.028	184.3	-0.0204
586.22	-0.016	192.3	-0.0222	586.20	-0.028	184.2	-0.0195
586.25	-0.016	192.2	-0.0222	586.23	-0.027	184.2	-0.0186
586.27	-0.016	192.1	-0.0213	586.27	-0.026	184.1	-0.0169
586.30	-0.014	192.2	-0.0195	586.30	-0.025	184.1	-0.0151
586.33	-0.014	192.1	-0.0186	586.33	-0.022	184.2	-0.0151
586.37	-0.012	192.2	-0.0169	586.37	-0.021	184.2	-0.0124
586.40	-0.01	192.3	-0.0169	586.40	-0.021	184.3	-0.0107
586.43	-0.01	192.3	-0.0151	586.43	-0.019	184.4	-0.0062
586.47	-0.01	192.3	-0.0124	586.47	-0.015	184.6	-0.0018
586.50	-0.008	192.5	-0.0098	586.50	-0.014	184.8	0.0018
586.53	-0.005	192.6	-0.0071	586.53	-0.012	185	0.008
586.57	-0.004	192.7	-0.0036	586.57	-0.007	185.3	0.008
586.60	-0.002	192.9	-0.0009	586.60	-0.005	185.6	0.0133
586.63	0.001	193.1	-0.0009	586.65	-0.003	185.8	0.0231
586.67	0.002	193.1	0.0027	586.68	-0.001	186.1	0.0231
586.70	0.002	193.3	0.0062	586.70	0.003	186.5	0.0293
586.73	0.003	193.5	0.0098	586.73	0.003	186.5	0.0364
586.77	0.007	193.8	0.0142	586.77	0.005	186.8	0.0444
586.80	0.008	193.9	0.0178	586.80	0.01	187.4	0.0533
586.83	0.01	194.2	0.0222	586.83	0.013	187.7	0.0604
586.87	0.013	194.5	0.0222	586.87	0.015	188.1	0.0675
586.90	0.015	194.5	0.0275	586.90	0.019	188.6	0.0675
586.93	0.015	194.7	0.0302	586.93	0.022	189	0.0754
586.97	0.016	194.9	0.0337	586.97	0.022	189	0.0826
587.00	0.019	195.2	0.0382	587.00	0.023	189.4	0.0879
587.03	0.02	195.4	0.0408	587.03	0.026	189.9	0.095
587.07	0.021	195.8	0.0435	587.07	0.03	190.2	0.1012
587.10	0.024	196	0.0435	587.10	0.031	190.6	0.1074
587.13	0.024	196	0.047	587.13	0.033	191	0.1074
587.17	0.024	196.2	0.0488	587.17	0.036	191.4	0.1127
587.20	0.025	196.4	0.0515	587.20	0.036	191.4	0.1163
587.23	0.027	196.6	0.0533	587.23	0.036	191.7	0.1198
587.27	0.027	196.8	0.0541	587.27	0.038	192	0.1234
587.30	0.027	196.9	0.0559	587.30	0.039	192.3	0.126
587.33	0.029	197.1	0.0559	587.33	0.04	192.5	0.1278
587.37	0.029	197.1	0.0568	587.37	0.04	192.8	0.1287
587.40	0.029	197.2	0.0568	587.40	0.04	193	0.1287
587.43	0.029	197.4	0.0577	587.43	0.04	193	0.1296
587.47	0.029	197.5	0.0577	587.47	0.04	193.1	0.1296
587.50	0.029	197.6	0.0577	587.50	0.04	193.3	0.1296
587.53	0.028	197.7	0.0577	587.53	0.04	193.4	0.1296
587.57	0.028	197.7	0.0577	587.57	0.039	193.5	0.1287
587.60	0.026	197.7	0.0568	587.60	0.038	193.5	0.126
587.63	0.026	197.7	0.055	587.63	0.035	193.5	0.126
587.68	0.025	197.7	0.0533	587.67	0.034	193.5	0.1234

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
587.72	0.023	197.7	0.0533	587.70	0.034	193.5	0.1216
587.73	0.023	197.7	0.0506	587.73	0.032	193.4	0.1181
587.77	0.022	197.7	0.0488	587.77	0.029	193.3	0.1145
587.80	0.02	197.5	0.0462	587.80	0.027	193.2	0.111
587.83	0.018	197.4	0.0444	587.83	0.026	193	0.1065
587.87	0.017	197.3	0.0408	587.87	0.021	192.7	0.1065
587.90	0.015	197.2	0.0408	587.90	0.019	192.7	0.1003
587.93	0.013	197	0.0382	587.93	0.019	192.5	0.0959
587.97	0.013	197	0.0346	587.97	0.017	192.2	0.0888
588.00	0.011	196.9	0.0311	588.00	0.012	191.8	0.0817
588.03	0.009	196.6	0.0275	588.03	0.01	191.6	0.0754
588.07	0.006	196.4	0.0231	588.08	0.008	191.2	0.0683
588.10	0.005	196.3	0.0195	588.12	0.004	190.9	0.0639
588.13	0.002	195.9	0.0195	588.15	0.002	190.6	0.0568
588.17	0	195.7	0.0151	588.17	0	190.1	0.0488
588.20	0	195.7	0.0115	588.20	-0.006	189.6	0.0488
588.23	-0.001	195.5	0.008	588.23	-0.007	189.6	0.0399
588.27	-0.004	195.1	0.0036	588.27	-0.007	189.2	0.0346
588.30	-0.006	194.9	0	588.30	-0.009	188.8	0.0275
588.33	-0.007	194.7	-0.0036	588.33	-0.014	188.3	0.0186
588.37	-0.009	194.4	-0.0036	588.37	-0.016	187.9	0.0133
588.40	-0.011	194.1	-0.0071	588.40	-0.017	187.5	0.0071
588.43	-0.011	194.1	-0.0098	588.43	-0.021	187	0.0071
588.47	-0.012	193.9	-0.0124	588.47	-0.022	186.6	0.0009
588.50	-0.013	193.6	-0.0151	588.50	-0.022	186.6	-0.0036
588.53	-0.015	193.4	-0.0169	588.53	-0.023	186.3	-0.0071
588.57	-0.015	193.2	-0.0186	588.57	-0.026	185.8	-0.0115
588.60	-0.016	193	-0.0204	588.60	-0.027	185.5	-0.0142
588.63	-0.017	192.9	-0.0204	588.63	-0.028	185.3	-0.0169
588.67	-0.017	192.9	-0.0213	588.67	-0.028	185	-0.0169
588.70	-0.017	192.7	-0.0222	588.70	-0.029	184.7	-0.0186
588.73	-0.017	192.5	-0.0231	588.73	-0.029	184.7	-0.0195
588.77	-0.017	192.4	-0.0231	588.77	-0.029	184.6	-0.0204
588.80	-0.017	192.3	-0.0231	588.80	-0.029	184.4	-0.0204
588.83	-0.017	192.3	-0.0222	588.83	-0.028	184.3	-0.0204
588.87	-0.016	192.2	-0.0222	588.87	-0.028	184.2	-0.0195
588.90	-0.015	192.2	-0.0222	588.90	-0.027	184.2	-0.0195
588.93	-0.015	192.2	-0.0213	588.93	-0.025	184.1	-0.0186
588.97	-0.015	192.1	-0.0204	588.97	-0.025	184.1	-0.0169
589.00	-0.013	192.2	-0.0186	589.00	-0.024	184.1	-0.0151
589.03	-0.013	192.2	-0.0169	589.03	-0.022	184.3	-0.0115
589.07	-0.011	192.3	-0.0151	589.07	-0.019	184.4	-0.0089
589.12	-0.009	192.3	-0.0124	589.10	-0.018	184.4	-0.0053
589.15	-0.009	192.4	-0.0115	589.13	-0.016	184.7	-0.0009
589.17	-0.007	192.5	-0.008	589.17	-0.012	184.9	-0.0009
589.20	-0.004	192.7	-0.008	589.20	-0.011	184.9	0.0036
589.23	-0.003	192.7	-0.0053	589.23	-0.011	185.1	0.0089
589.27	-0.003	192.8	-0.0036	589.27	-0.008	185.4	0.0151
589.30	-0.002	192.9	0.0009	589.30	-0.003	185.7	0.0222
589.33	0.001	193.2	0.0044	589.33	-0.001	186	0.0293
589.37	0.003	193.3	0.008	589.37	0.002	186.4	0.0364
589.40	0.004	193.5	0.0115	589.40	0.006	186.8	0.0364
589.43	0.008	193.8	0.0115	589.43	0.008	186.8	0.0444
589.47	0.01	194	0.016	589.47	0.008	187.2	0.0515
589.50	0.01	194	0.0195	589.50	0.011	187.7	0.0586
589.53	0.011	194.2	0.0231	589.55	0.016	188.1	0.0657
589.57	0.014	194.5	0.0284	589.58	0.016	188.4	0.0701
589.60	0.015	194.7	0.0311	589.60	0.019	188.8	0.0772
589.63	0.017	195	0.0355	589.63	0.023	189.3	0.0852
589.67	0.019	195.3	0.0355	589.67	0.025	189.6	0.0905
589.70	0.021	195.6	0.0391	589.70	0.027	190	0.0968
589.73	0.021	195.6	0.0426	589.73	0.031	190.4	0.0968
589.77	0.022	195.8	0.0444	589.77	0.032	190.4	0.1039

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
589.80	0.023	196	0.047	589.80	0.032	190.8	0.1083
589.83	0.025	196.3	0.0497	589.83	0.033	191.2	0.1127
589.87	0.025	196.4	0.0524	589.87	0.036	191.5	0.1181
589.90	0.027	196.7	0.0541	589.90	0.037	191.8	0.1207
589.93	0.028	196.8	0.0541	589.93	0.038	192.2	0.1234
589.97	0.028	196.8	0.055	589.97	0.04	192.4	0.1234
590.00	0.028	197	0.0559	590.00	0.04	192.4	0.126
590.03	0.028	197.2	0.0568	590.03	0.04	192.6	0.1269
590.07	0.029	197.3	0.0577	590.07	0.04	192.8	0.1287
590.10	0.029	197.4	0.0577	590.10	0.04	193.1	0.1296
590.13	0.029	197.5	0.0577	590.13	0.04	193.2	0.1296
590.17	0.029	197.6	0.0577	590.17	0.04	193.4	0.1296
590.20	0.028	197.6	0.0577	590.20	0.04	193.5	0.1296
590.23	0.028	197.7	0.0577	590.23	0.038	193.5	0.1296
590.27	0.027	197.7	0.0559	590.27	0.038	193.6	0.1278
590.30	0.026	197.7	0.0541	590.30	0.037	193.5	0.1252
590.33	0.025	197.7	0.0533	590.33	0.034	193.5	0.1234
590.37	0.024	197.7	0.0515	590.37	0.033	193.5	0.1216
590.40	0.022	197.6	0.0515	590.40	0.032	193.4	0.1172
590.43	0.021	197.6	0.0497	590.43	0.027	193.2	0.1172
590.47	0.021	197.6	0.0479	590.47	0.026	193.2	0.1127
590.50	0.019	197.5	0.0444	590.50	0.026	193.1	0.1092
590.53	0.017	197.3	0.0417	590.53	0.024	192.9	0.1039
590.58	0.016	197.2	0.0391	590.57	0.019	192.6	0.0985
590.62	0.015	197.1	0.0373	590.60	0.018	192.4	0.0932
590.63	0.012	196.9	0.0337	590.63	0.016	192.1	0.087
590.67	0.01	196.8	0.0302	590.67	0.01	191.7	0.087
590.70	0.009	196.6	0.0257	590.70	0.008	191.7	0.079
590.73	0.005	196.3	0.0257	590.73	0.008	191.4	0.0728
590.77	0.004	196.3	0.0213	590.77	0.007	191.1	0.0657
590.80	0.004	196.1	0.0186	590.80	0.001	190.6	0.0568
590.83	0.003	195.9	0.0142	590.83	-0.001	190.2	0.0506
590.87	-0.001	195.6	0.0107	590.87	-0.003	189.8	0.0435
590.90	-0.002	195.4	0.0071	590.90	-0.008	189.3	0.0435
590.93	-0.003	195.1	0.0027	590.93	-0.01	188.9	0.0346
590.97	-0.006	194.8	0.0027	590.98	-0.012	188.5	0.0231
591.00	-0.008	194.5	-0.0009	591.02	-0.014	188.1	0.0231
591.03	-0.008	194.5	-0.0044	591.05	-0.016	187.7	0.0178
591.07	-0.009	194.3	-0.0071	591.07	-0.016	187.7	0.0115
591.10	-0.011	194	-0.0107	591.10	-0.018	187.3	0.0053
591.13	-0.013	193.8	-0.0133	591.13	-0.022	186.7	-0.0018
591.17	-0.013	193.6	-0.0151	591.17	-0.023	186.4	-0.0053
591.20	-0.014	193.3	-0.0151	591.20	-0.024	186.1	-0.0098
591.23	-0.016	193.1	-0.0178	591.23	-0.026	185.7	-0.0098
591.27	-0.016	193.1	-0.0186	591.27	-0.027	185.4	-0.0133
591.30	-0.016	193	-0.0204	591.30	-0.027	185.4	-0.016
591.33	-0.017	192.8	-0.0222	591.33	-0.028	185.1	-0.0178
591.37	-0.017	192.6	-0.0231	591.37	-0.028	184.9	-0.0195
591.40	-0.017	192.5	-0.0231	591.40	-0.029	184.6	-0.0204
591.43	-0.017	192.4	-0.0231	591.43	-0.029	184.5	-0.0204
591.47	-0.017	192.3	-0.0231	591.47	-0.029	184.3	-0.0204
591.50	-0.017	192.3	-0.0231	591.50	-0.028	184.2	-0.0204
591.53	-0.017	192.2	-0.0231	591.53	-0.028	184.2	-0.0204
591.57	-0.016	192.2	-0.0213	591.57	-0.027	184.1	-0.0195
591.60	-0.015	192.1	-0.0213	591.60	-0.026	184.1	-0.0178
591.63	-0.015	192.1	-0.0195	591.63	-0.024	184.1	-0.016
591.67	-0.014	192.2	-0.0186	591.67	-0.023	184.1	-0.0142
591.70	-0.012	192.2	-0.0186	591.70	-0.021	184.3	-0.0142
591.73	-0.011	192.2	-0.0169	591.73	-0.018	184.4	-0.0107
591.77	-0.011	192.2	-0.0142	591.77	-0.018	184.4	-0.008
591.80	-0.009	192.4	-0.0124	591.80	-0.017	184.5	-0.0036
591.83	-0.007	192.5	-0.0098	591.83	-0.014	184.8	0.0009
591.87	-0.006	192.6	-0.0071	591.87	-0.011	185	0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
591.90	-0.004	192.8	-0.0036	591.90	-0.009	185.2	0.0115
591.93	-0.001	193	-0.0036	591.93	-0.005	185.6	0.0186
591.97	0	193	0	591.97	-0.002	185.9	0.0186
592.02	0.002	193.2	0.0053	592.00	-0.002	185.9	0.0249
592.05	0.004	193.4	0.0053	592.03	0	186.1	0.0328
592.08	0.005	193.4	0.008	592.07	0.004	186.6	0.0408
592.10	0.005	193.6	0.0124	592.10	0.008	187.1	0.0479
592.13	0.007	193.9	0.0169	592.13	0.009	187.4	0.0541
592.17	0.011	194.1	0.0213	592.17	0.013	187.9	0.0621
592.20	0.012	194.3	0.024	592.20	0.017	188.3	0.0621
592.23	0.013	194.6	0.0293	592.23	0.017	188.3	0.0692
592.27	0.017	194.9	0.0293	592.27	0.018	188.6	0.0763
592.30	0.018	194.9	0.0337	592.30	0.022	189.1	0.0843
592.33	0.018	195.1	0.0364	592.33	0.025	189.5	0.0905
592.37	0.019	195.4	0.0399	592.37	0.027	189.9	0.0968
592.40	0.022	195.7	0.0435	592.40	0.029	190.4	0.103
592.43	0.022	195.8	0.0453	592.45	0.033	190.7	0.1083
592.47	0.023	196.1	0.0479	592.48	0.033	191	0.1118
592.50	0.025	196.3	0.0479	592.50	0.034	191.3	0.1145
592.53	0.026	196.3	0.0506	592.53	0.036	191.7	0.1145
592.57	0.026	196.5	0.0524	592.57	0.038	191.7	0.1189
592.60	0.027	196.7	0.0541	592.60	0.038	192	0.1216
592.63	0.028	196.9	0.0559	592.63	0.038	192.3	0.1243
592.67	0.029	197.1	0.0568	592.67	0.04	192.5	0.1269
592.70	0.029	197.2	0.0568	592.70	0.04	192.7	0.1278
592.73	0.028	197.3	0.0568	592.73	0.04	192.9	0.1287
592.77	0.029	197.4	0.0568	592.77	0.04	193.1	0.1287
592.80	0.029	197.4	0.0577	592.80	0.04	193.1	0.1296
592.83	0.029	197.5	0.0577	592.83	0.04	193.3	0.1287
592.87	0.028	197.6	0.0577	592.87	0.04	193.4	0.1287
592.90	0.027	197.7	0.0568	592.90	0.039	193.5	0.1287
592.93	0.027	197.7	0.0559	592.93	0.038	193.5	0.1269
592.97	0.026	197.7	0.0541	592.97	0.036	193.5	0.1243
593.00	0.024	197.7	0.0541	593.00	0.033	193.5	0.1243
593.03	0.024	197.7	0.0533	593.03	0.033	193.5	0.1216
593.07	0.024	197.7	0.0515	593.07	0.033	193.5	0.1189
593.10	0.022	197.6	0.0488	593.10	0.03	193.3	0.1154
593.13	0.02	197.5	0.0462	593.13	0.026	193.1	0.111
593.17	0.019	197.4	0.0435	593.17	0.025	193	0.1065
593.20	0.017	197.2	0.0408	593.20	0.023	192.7	0.1012
593.23	0.014	197.1	0.0408	593.23	0.018	192.5	0.1012
593.27	0.014	197.1	0.0373	593.27	0.017	192.5	0.095
593.30	0.013	197	0.0346	593.30	0.017	192.3	0.0905
593.33	0.011	196.7	0.0311	593.33	0.014	191.9	0.0834
593.37	0.008	196.6	0.0275	593.37	0.009	191.5	0.0746
593.40	0.007	196.4	0.0222	593.40	0.007	191.3	0.0683
593.43	0.005	196.1	0.0186	593.43	0.005	190.8	0.0612
593.48	0.002	195.9	0.0151	593.47	-0.001	190.4	0.0612
593.52	0.001	195.7	0.0124	593.50	-0.002	190.4	0.0533
593.53	-0.001	195.4	0.0089	593.53	-0.002	190	0.047
593.57	-0.004	195.2	0.0089	593.57	-0.005	189.5	0.0391
593.60	-0.004	195.2	0.0053	593.60	-0.01	189	0.0302
593.63	-0.004	195	0.0018	593.63	-0.011	188.7	0.024
593.67	-0.006	194.6	-0.0018	593.67	-0.013	188.2	0.0169
593.70	-0.009	194.4	-0.0062	593.70	-0.017	187.7	0.0169
593.73	-0.01	194.2	-0.008	593.73	-0.018	187.7	0.0098
593.77	-0.011	193.9	-0.0107	593.77	-0.018	187.4	0.0053
593.80	-0.013	193.6	-0.0107	593.80	-0.02	186.8	0
593.83	-0.014	193.6	-0.0142	593.83	-0.023	186.4	-0.0053
593.87	-0.014	193.5	-0.016	593.87	-0.024	186.1	-0.0089
593.90	-0.015	193.2	-0.0178	593.92	-0.026	185.7	-0.0124
593.93	-0.016	193	-0.0195	593.95	-0.027	185.5	-0.0151
593.97	-0.016	192.9	-0.0213	593.97	-0.028	185.2	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
594.00	-0.017	192.7	-0.0222	594.00	-0.028	185	-0.0186
594.03	-0.017	192.5	-0.0222	594.03	-0.028	184.7	-0.0186
594.07	-0.017	192.5	-0.0231	594.07	-0.028	184.7	-0.0195
594.10	-0.017	192.4	-0.0231	594.10	-0.028	184.5	-0.0204
594.13	-0.017	192.3	-0.0231	594.13	-0.029	184.4	-0.0213
594.17	-0.017	192.2	-0.0231	594.17	-0.029	184.3	-0.0213
594.20	-0.016	192.2	-0.0222	594.20	-0.028	184.1	-0.0204
594.23	-0.016	192.1	-0.0213	594.23	-0.026	184.1	-0.0186
594.27	-0.015	192.1	-0.0213	594.27	-0.025	184.1	-0.0186
594.30	-0.014	192.1	-0.0204	594.30	-0.024	184.1	-0.0169
594.33	-0.014	192.1	-0.0195	594.33	-0.024	184.1	-0.0151
594.37	-0.013	192.1	-0.0178	594.37	-0.022	184.2	-0.0124
594.40	-0.011	192.2	-0.0151	594.40	-0.019	184.3	-0.0089
594.43	-0.01	192.3	-0.0142	594.43	-0.018	184.4	-0.0053
594.47	-0.009	192.4	-0.0107	594.47	-0.016	184.7	-0.0018
594.50	-0.006	192.5	-0.0107	594.50	-0.012	184.9	-0.0018
594.53	-0.005	192.5	-0.008	594.53	-0.01	184.9	0.0036
594.57	-0.005	192.6	-0.0053	594.57	-0.01	185	0.0089
594.60	-0.003	192.8	-0.0018	594.60	-0.008	185.4	0.0142
594.63	0	193	0.0018	594.63	-0.003	185.7	0.0213
594.67	0.001	193.2	0.0044	594.67	-0.002	186	0.0284
594.70	0.002	193.3	0.008	594.70	0.001	186.4	0.0364
594.73	0.006	193.6	0.008	594.73	0.007	186.8	0.0364
594.77	0.008	193.8	0.0124	594.77	0.008	186.8	0.0453
594.80	0.008	193.8	0.016	594.80	0.008	187.2	0.0515
594.83	0.009	194	0.0204	594.83	0.01	187.7	0.0577
594.87	0.012	194.3	0.0249	594.87	0.016	188.1	0.0675
594.92	0.014	194.5	0.0284	594.90	0.018	188.4	0.0737
594.95	0.014	194.7	0.0311	594.93	0.02	188.9	0.0808
594.98	0.016	195	0.0346	594.97	0.024	189.3	0.0808
595.00	0.019	195.2	0.0373	595.00	0.026	189.3	0.0879
595.03	0.02	195.4	0.0408	595.03	0.026	189.7	0.0941
595.07	0.022	195.8	0.0408	595.07	0.028	190.2	0.1003
595.10	0.024	196	0.0444	595.10	0.032	190.6	0.1056
595.13	0.024	196	0.047	595.13	0.032	190.9	0.1101
595.17	0.024	196.2	0.0488	595.17	0.034	191.3	0.1163
595.20	0.026	196.4	0.0515	595.20	0.038	191.6	0.1163
595.23	0.027	196.6	0.0533	595.23	0.037	191.6	0.1207
595.27	0.027	196.8	0.055	595.27	0.037	191.9	0.1225
595.30	0.028	197	0.0559	595.30	0.038	192.3	0.1243
595.33	0.029	197.1	0.0559	595.35	0.04	192.5	0.1269
595.37	0.029	197.1	0.0568	595.38	0.04	192.7	0.1278
595.40	0.029	197.2	0.0568	595.42	0.04	192.9	0.1296
595.43	0.029	197.4	0.0577	595.43	0.04	193.1	0.1296
595.47	0.029	197.5	0.0577	595.47	0.04	193.3	0.1305
595.50	0.029	197.6	0.0577	595.50	0.04	193.4	0.1296
595.53	0.028	197.7	0.0577	595.53	0.039	193.5	0.1296
595.57	0.027	197.7	0.0577	595.57	0.038	193.5	0.1296
595.60	0.026	197.7	0.0559	595.60	0.038	193.6	0.1287
595.63	0.026	197.7	0.055	595.63	0.037	193.6	0.126
595.67	0.026	197.7	0.0541	595.67	0.034	193.5	0.1234
595.70	0.024	197.7	0.0524	595.70	0.033	193.5	0.1207
595.73	0.023	197.7	0.0506	595.73	0.031	193.4	0.1172
595.77	0.022	197.6	0.0479	595.77	0.027	193.3	0.1172
595.80	0.019	197.5	0.0479	595.80	0.027	193.3	0.1127
595.83	0.018	197.5	0.0453	595.83	0.027	193.2	0.1101
595.87	0.018	197.4	0.0426	595.87	0.025	192.9	0.1047
595.90	0.016	197.3	0.0399	595.90	0.02	192.6	0.0994
595.93	0.013	197.1	0.0364	595.93	0.018	192.4	0.0941
595.97	0.012	196.9	0.0337	595.97	0.016	192.1	0.0861
596.00	0.011	196.8	0.0302	596.00	0.01	191.7	0.0861
596.03	0.007	196.5	0.0302	596.03	0.009	191.7	0.0781
596.07	0.006	196.5	0.0249	596.07	0.009	191.4	0.0728

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
596.10	0.006	196.3	0.0222	596.10	0.006	191	0.0657
596.13	0.004	196.1	0.0178	596.13	0.001	190.6	0.0568
596.17	0.001	195.8	0.0133	596.17	-0.001	190.2	0.0506
596.20	0	195.6	0.0107	596.20	-0.003	189.8	0.0426
596.23	-0.002	195.3	0.0062	596.23	-0.008	189.3	0.0426
596.27	-0.005	195	0.0062	596.27	-0.01	189.3	0.0337
596.30	-0.006	194.8	0.0018	596.30	-0.01	188.9	0.0284
596.33	-0.006	194.8	-0.0009	596.33	-0.012	188.5	0.0213
596.38	-0.009	194.3	-0.0053	596.37	-0.016	187.9	0.0133
596.42	-0.01	194.1	-0.0071	596.40	-0.018	187.6	0.0071
596.43	-0.01	194.1	-0.0089	596.43	-0.02	187.2	0.0009
596.47	-0.011	193.8	-0.0124	596.47	-0.023	186.7	0.0009
596.50	-0.013	193.5	-0.0151	596.50	-0.023	186.7	-0.0036
596.53	-0.015	193.3	-0.0169	596.53	-0.023	186.3	-0.0062
596.57	-0.015	193.2	-0.0186	596.57	-0.025	185.9	-0.0107
596.60	-0.016	193	-0.0186	596.60	-0.027	185.6	-0.0142
596.63	-0.016	192.8	-0.0204	596.63	-0.027	185.3	-0.0169
596.67	-0.016	192.8	-0.0213	596.67	-0.028	185	-0.0186
596.70	-0.017	192.6	-0.0222	596.70	-0.028	184.8	-0.0186
596.73	-0.017	192.5	-0.0222	596.73	-0.029	184.6	-0.0195
596.77	-0.017	192.4	-0.0231	596.77	-0.029	184.6	-0.0204
596.80	-0.017	192.3	-0.0231	596.82	-0.028	184.3	-0.0204
596.83	-0.017	192.2	-0.0231	596.85	-0.028	184.2	-0.0213
596.87	-0.016	192.2	-0.0231	596.87	-0.028	184.2	-0.0204
596.90	-0.015	192.2	-0.0222	596.90	-0.027	184.1	-0.0195
596.93	-0.015	192.1	-0.0213	596.93	-0.026	184.1	-0.0186
596.97	-0.015	192.1	-0.0204	596.97	-0.025	184.1	-0.0169
597.00	-0.014	192.1	-0.0186	597.00	-0.023	184.1	-0.0133
597.03	-0.012	192.2	-0.0169	597.03	-0.02	184.3	-0.0133
597.07	-0.011	192.2	-0.0151	597.07	-0.019	184.4	-0.0107
597.10	-0.009	192.3	-0.0151	597.10	-0.019	184.4	-0.008
597.13	-0.008	192.3	-0.0124	597.13	-0.017	184.5	-0.0036
597.17	-0.008	192.4	-0.0107	597.17	-0.014	184.8	0.0009
597.20	-0.007	192.5	-0.008	597.20	-0.011	184.9	0.0053
597.23	-0.004	192.7	-0.0044	597.23	-0.009	185.1	0.0124
597.27	-0.002	192.8	-0.0018	597.27	-0.005	185.5	0.0186
597.30	-0.001	193	0.0027	597.30	-0.002	185.9	0.0186
597.33	0.003	193.2	0.0027	597.33	-0.002	185.9	0.0249
597.37	0.003	193.2	0.0062	597.37	0	186.1	0.0337
597.40	0.003	193.4	0.0098	597.40	0.004	186.6	0.0408
597.43	0.005	193.6	0.0133	597.43	0.007	187	0.047
597.47	0.009	193.9	0.0178	597.47	0.009	187.4	0.0541
597.50	0.01	194.1	0.0213	597.50	0.013	187.9	0.063
597.53	0.012	194.3	0.0249	597.53	0.017	188.3	0.063
597.57	0.015	194.6	0.0249	597.57	0.017	188.3	0.0701
597.60	0.016	194.8	0.0302	597.60	0.019	188.6	0.0772
597.63	0.016	194.8	0.0328	597.63	0.022	189.1	0.0843
597.67	0.017	195	0.0364	597.67	0.026	189.5	0.0914
597.70	0.02	195.4	0.0408	597.70	0.027	189.9	0.0959
597.73	0.021	195.6	0.0435	597.73	0.029	190.3	0.1021
597.77	0.022	195.8	0.0453	597.77	0.032	190.7	0.1021
597.80	0.024	196.1	0.0453	597.80	0.033	190.7	0.1074
597.85	0.025	196.3	0.0506	597.83	0.033	191.1	0.1118
597.88	0.026	196.5	0.0524	597.87	0.035	191.5	0.1172
597.90	0.027	196.7	0.0524	597.90	0.038	191.8	0.1207
597.93	0.028	196.9	0.0533	597.93	0.038	192	0.1234
597.97	0.028	196.9	0.055	597.97	0.039	192.3	0.1252
598.00	0.028	197	0.0559	598.00	0.04	192.6	0.1252
598.03	0.028	197.2	0.0568	598.03	0.04	192.6	0.1269
598.07	0.029	197.3	0.0577	598.07	0.04	192.8	0.1287
598.10	0.029	197.4	0.0577	598.10	0.04	193	0.1287
598.13	0.029	197.5	0.0577	598.13	0.04	193.2	0.1296
598.17	0.029	197.6	0.0577	598.17	0.04	193.3	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
598.20	0.028	197.6	0.0577	598.20	0.04	193.4	0.1296
598.23	0.028	197.7	0.0577	598.25	0.038	193.5	0.1278
598.27	0.027	197.7	0.0559	598.28	0.038	193.6	0.1269
598.30	0.026	197.7	0.0541	598.32	0.036	193.5	0.1243
598.33	0.025	197.7	0.0541	598.33	0.033	193.5	0.1243
598.37	0.024	197.6	0.0515	598.37	0.033	193.5	0.1216
598.40	0.022	197.6	0.0515	598.40	0.033	193.5	0.1198
598.43	0.021	197.6	0.0497	598.43	0.031	193.3	0.1154
598.47	0.021	197.6	0.0479	598.47	0.026	193.1	0.111
598.50	0.02	197.4	0.0453	598.50	0.025	193.1	0.1065
598.53	0.016	197.3	0.0417	598.53	0.023	192.8	0.1021
598.57	0.016	197.2	0.0391	598.57	0.018	192.5	0.1021
598.60	0.014	197	0.0355	598.60	0.017	192.5	0.0959
598.63	0.01	196.8	0.0355	598.63	0.017	192.3	0.0914
598.67	0.01	196.8	0.032	598.67	0.014	191.9	0.0834
598.70	0.01	196.7	0.0284	598.70	0.009	191.5	0.0754
598.73	0.008	196.4	0.024	598.73	0.007	191.3	0.0692
598.77	0.004	196.2	0.0204	598.77	0.005	190.8	0.0612
598.80	0.003	196	0.0169	598.80	-0.001	190.4	0.0612
598.83	0.002	195.8	0.0124	598.83	-0.002	190.4	0.0533
598.87	-0.002	195.5	0.0124	598.87	-0.002	190.1	0.047
598.90	-0.003	195.5	0.0089	598.90	-0.004	189.5	0.0399
598.93	-0.003	195.2	0.0053	598.93	-0.01	189.1	0.0302
598.97	-0.004	195	0.0018	598.97	-0.011	188.7	0.024
599.00	-0.008	194.6	-0.0027	599.00	-0.013	188.2	0.0169
599.03	-0.008	194.4	-0.0053	599.03	-0.018	187.8	0.0169
599.07	-0.009	194.2	-0.0089	599.07	-0.018	187.8	0.0098
599.10	-0.012	193.9	-0.0089	599.10	-0.018	187.4	0.0053
599.13	-0.013	193.7	-0.0124	599.13	-0.02	186.9	-0.0009
599.17	-0.013	193.7	-0.0133	599.17	-0.024	186.4	-0.0062
599.20	-0.013	193.5	-0.016	599.20	-0.024	186.1	-0.0089
599.23	-0.015	193.2	-0.0178	599.23	-0.025	185.8	-0.0115
599.28	-0.016	193	-0.0195	599.27	-0.027	185.4	-0.0115
599.32	-0.016	192.9	-0.0204	599.30	-0.028	185.4	-0.0151
599.35	-0.016	192.7	-0.0213	599.33	-0.028	185.2	-0.0178
599.37	-0.017	192.6	-0.0222	599.37	-0.029	185	-0.0195
599.40	-0.017	192.4	-0.0231	599.40	-0.029	184.7	-0.0204
599.43	-0.017	192.3	-0.0231	599.43	-0.028	184.6	-0.0204
599.47	-0.017	192.2	-0.0231	599.47	-0.028	184.4	-0.0204
599.50	-0.017	192.2	-0.0231	599.50	-0.028	184.3	-0.0204
599.53	-0.017	192.2	-0.0231	599.53	-0.027	184.3	-0.0204
599.57	-0.016	192.1	-0.0213	599.57	-0.027	184.2	-0.0195
599.60	-0.015	192.1	-0.0213	599.60	-0.026	184.1	-0.0178
599.63	-0.014	192.1	-0.0195	599.63	-0.024	184.2	-0.016
599.67	-0.014	192.1	-0.0186	599.67	-0.023	184.2	-0.0133
599.70	-0.011	192.2	-0.0186	599.72	-0.022	184.3	-0.0107
599.73	-0.011	192.2	-0.016	599.75	-0.02	184.4	-0.0089
599.77	-0.011	192.2	-0.0151	599.77	-0.018	184.4	-0.0062
599.80	-0.01	192.3	-0.0124	599.80	-0.016	184.6	-0.0009
599.83	-0.007	192.4	-0.0098	599.83	-0.012	184.9	-0.0009
599.87	-0.006	192.5	-0.0071	599.87	-0.01	185.1	0.0036
599.90	-0.004	192.7	-0.0036	599.90	-0.01	185.1	0.008
599.93	-0.001	192.9	-0.0036	599.93	-0.008	185.3	0.0142
599.97	0	192.9	0	599.97	-0.004	185.7	0.0213
600.00	0	193	0.0027	600.00	-0.001	186	0.0284
600.03	0.002	193.2	0.0071	600.03	0.001	186.3	0.0364
600.07	0.006	193.5	0.0115	600.07	0.006	186.8	0.0364
600.10	0.006	193.7	0.0142	600.10	0.009	187.2	0.0444
600.13	0.008	193.9	0.0186	600.13	0.009	187.2	0.0506
600.17	0.012	194.2	0.0186	600.17	0.01	187.5	0.0577
600.20	0.013	194.2	0.0231	600.20	0.015	188	0.0657
600.23	0.013	194.4	0.0257	600.23	0.018	188.5	0.0728
600.27	0.014	194.6	0.0302	600.27	0.019	188.8	0.079

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
600.30	0.017	194.9	0.0346	600.30	0.023	189.3	0.079
600.33	0.019	195.1	0.0382	600.33	0.026	189.7	0.087
600.37	0.02	195.4	0.0408	600.37	0.026	189.7	0.0941
600.40	0.022	195.7	0.0408	600.40	0.028	190	0.0994
600.43	0.024	195.9	0.0444	600.43	0.031	190.5	0.1065
600.47	0.024	195.9	0.047	600.47	0.033	190.9	0.111
600.50	0.024	196.1	0.0497	600.50	0.034	191.2	0.1154
600.53	0.025	196.3	0.0515	600.53	0.036	191.6	0.1154
600.57	0.027	196.6	0.0533	600.57	0.038	191.9	0.1189
600.60	0.027	196.7	0.0541	600.60	0.038	191.9	0.1225
600.63	0.028	196.9	0.0541	600.63	0.038	192.2	0.1252
600.67	0.029	197.1	0.0559	600.67	0.04	192.4	0.1278
600.70	0.029	197.1	0.0577	600.70	0.04	192.7	0.1287
600.75	0.028	197.3	0.0577	600.73	0.04	192.9	0.1296
600.78	0.029	197.4	0.0577	600.77	0.04	193.1	0.1296
600.80	0.029	197.4	0.0577	600.80	0.04	193.2	0.1296
600.83	0.029	197.5	0.0577	600.83	0.04	193.2	0.1296
600.87	0.029	197.6	0.0577	600.87	0.04	193.4	0.1296
600.90	0.028	197.7	0.0577	600.90	0.039	193.5	0.1296
600.93	0.027	197.7	0.0559	600.93	0.038	193.5	0.1278
600.97	0.026	197.7	0.0541	600.97	0.037	193.5	0.126
601.00	0.024	197.7	0.0541	601.00	0.035	193.4	0.1225
601.03	0.023	197.7	0.0533	601.03	0.031	193.4	0.1225
601.07	0.023	197.7	0.0515	601.07	0.03	193.4	0.1198
601.10	0.022	197.6	0.0488	601.10	0.03	193.3	0.1163
601.13	0.02	197.5	0.047	601.15	0.026	193.1	0.1118
601.17	0.019	197.4	0.0444	601.18	0.024	193.1	0.1101
601.20	0.017	197.3	0.0417	601.22	0.024	192.9	0.1047
601.23	0.014	197.1	0.0417	601.23	0.022	192.7	0.0994
601.27	0.013	197.1	0.0382	601.27	0.017	192.4	0.0932
601.30	0.013	197	0.0355	601.30	0.016	192.2	0.0879
601.33	0.012	196.8	0.032	601.33	0.013	191.7	0.0808
601.37	0.008	196.6	0.0275	601.37	0.007	191.4	0.0808
601.40	0.007	196.4	0.024	601.40	0.006	191.4	0.0719
601.43	0.005	196.2	0.0195	601.43	0.006	191.1	0.0666
601.47	0.002	195.9	0.0195	601.47	0.004	190.6	0.0586
601.50	0.001	195.9	0.0151	601.50	-0.002	190.2	0.0497
601.53	0.001	195.7	0.0115	601.53	-0.003	189.8	0.0444
601.57	-0.001	195.4	0.008	601.57	-0.006	189.3	0.0373
601.60	-0.004	195.1	0.0036	601.60	-0.011	188.9	0.0373
601.63	-0.005	194.9	0.0009	601.63	-0.012	188.9	0.0284
601.67	-0.007	194.6	-0.0036	601.67	-0.012	188.5	0.0222
601.70	-0.01	194.3	-0.0036	601.70	-0.014	188	0.0142
601.73	-0.011	194.3	-0.0071	601.73	-0.019	187.5	0.0071
601.77	-0.011	194.1	-0.0089	601.77	-0.019	187.2	0.0036
601.80	-0.011	193.8	-0.0124	601.80	-0.021	186.7	-0.0018
601.83	-0.014	193.6	-0.0151	601.83	-0.025	186.3	-0.0018
601.87	-0.014	193.4	-0.016	601.87	-0.025	186.3	-0.0071
601.90	-0.015	193.2	-0.0186	601.90	-0.025	186	-0.0098
601.93	-0.016	193	-0.0186	601.93	-0.026	185.7	-0.0133
601.97	-0.017	193	-0.0195	601.97	-0.028	185.3	-0.016
602.00	-0.017	192.8	-0.0213	602.00	-0.028	185.1	-0.0178
602.03	-0.017	192.7	-0.0213	602.03	-0.029	184.8	-0.0195
602.07	-0.017	192.5	-0.0222	602.07	-0.029	184.7	-0.0195
602.10	-0.017	192.4	-0.0231	602.10	-0.029	184.7	-0.0195
602.13	-0.017	192.3	-0.0231	602.13	-0.029	184.5	-0.0204
602.18	-0.017	192.2	-0.0222	602.17	-0.028	184.3	-0.0204
602.22	-0.017	192.1	-0.0222	602.20	-0.028	184.2	-0.0195
602.25	-0.016	192.1	-0.0213	602.23	-0.027	184.2	-0.0186
602.27	-0.015	192.1	-0.0213	602.27	-0.026	184.2	-0.0178
602.30	-0.014	192.1	-0.0204	602.30	-0.024	184.2	-0.0178
602.33	-0.014	192.1	-0.0186	602.33	-0.023	184.2	-0.0151
602.37	-0.013	192.1	-0.0178	602.37	-0.023	184.2	-0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
602.40	-0.011	192.2	-0.0151	602.40	-0.021	184.4	-0.008
602.43	-0.01	192.2	-0.0142	602.43	-0.016	184.5	-0.0036
602.47	-0.009	192.3	-0.0107	602.47	-0.016	184.6	-0.0018
602.50	-0.006	192.5	-0.0107	602.50	-0.014	184.8	0.0027
602.53	-0.005	192.6	-0.008	602.53	-0.01	185.1	0.0027
602.57	-0.005	192.6	-0.0053	602.57	-0.008	185.1	0.0071
602.60	-0.004	192.7	-0.0018	602.62	-0.006	185.6	0.0178
602.63	0	193	0.0018	602.65	-0.003	185.8	0.0178
602.67	0.001	193.1	0.0044	602.67	0	185.8	0.0231
602.70	0.003	193.3	0.0089	602.70	0	186.1	0.0311
602.73	0.005	193.6	0.0089	602.73	0.002	186.5	0.0382
602.77	0.008	193.8	0.0124	602.77	0.008	187.1	0.047
602.80	0.008	193.8	0.016	602.80	0.01	187.4	0.0533
602.83	0.009	194	0.0195	602.83	0.012	187.7	0.0612
602.87	0.012	194.3	0.024	602.87	0.017	188.2	0.0612
602.90	0.014	194.5	0.0284	602.90	0.019	188.2	0.0701
602.93	0.015	194.7	0.0328	602.93	0.019	188.6	0.0754
602.97	0.018	195	0.0328	602.97	0.021	189	0.0834
603.00	0.02	195.3	0.0364	603.00	0.025	189.5	0.0905
603.03	0.02	195.3	0.0391	603.03	0.027	189.9	0.095
603.07	0.02	195.5	0.0426	603.07	0.028	190.3	0.1021
603.10	0.022	195.8	0.0453	603.10	0.033	190.8	0.1021
603.13	0.024	196	0.0479	603.13	0.034	190.8	0.1092
603.17	0.025	196.2	0.0506	603.17	0.034	191.1	0.1136
603.20	0.026	196.5	0.0524	603.20	0.035	191.4	0.1181
603.23	0.027	196.7	0.0524	603.23	0.038	191.8	0.1216
603.27	0.027	196.7	0.0541	603.27	0.038	192	0.1234
603.30	0.027	196.8	0.055	603.30	0.038	192.3	0.126
603.33	0.028	197	0.0559	603.33	0.04	192.6	0.126
603.37	0.029	197.1	0.0577	603.37	0.04	192.6	0.1269
603.40	0.029	197.3	0.0577	603.40	0.04	192.9	0.1278
603.43	0.029	197.4	0.0577	603.43	0.041	193	0.1296
603.47	0.029	197.5	0.0577	603.47	0.041	193.2	0.1305
603.50	0.029	197.5	0.0577	603.50	0.04	193.3	0.1305
603.53	0.029	197.6	0.0577	603.53	0.04	193.5	0.1296
603.57	0.028	197.6	0.0577	603.57	0.037	193.5	0.1296
603.60	0.027	197.6	0.0559	603.60	0.037	193.5	0.1269
603.65	0.026	197.7	0.055	603.63	0.037	193.6	0.126
603.68	0.026	197.7	0.0541	603.67	0.036	193.6	0.1243
603.70	0.024	197.7	0.0524	603.70	0.033	193.5	0.1207
603.73	0.022	197.6	0.0506	603.73	0.031	193.4	0.1181
603.77	0.022	197.6	0.0479	603.77	0.029	193.3	0.1145
603.80	0.02	197.5	0.0479	603.80	0.025	193.1	0.1145
603.83	0.017	197.3	0.0462	603.83	0.024	193.1	0.1092
603.87	0.017	197.3	0.0435	603.87	0.024	192.9	0.1056
603.90	0.017	197.3	0.0399	603.90	0.022	192.8	0.1003
603.93	0.014	197	0.0364	603.93	0.017	192.4	0.0932
603.97	0.012	196.9	0.0337	603.97	0.015	192.2	0.0888
604.00	0.011	196.8	0.0302	604.00	0.014	191.9	0.0808
604.03	0.007	196.5	0.0302	604.03	0.008	191.4	0.0808
604.07	0.006	196.3	0.0249	604.08	0.006	191.1	0.0675
604.10	0.006	196.3	0.0222	604.12	0.005	190.9	0.0621
604.13	0.004	196.1	0.0178	604.13	0	190.4	0.0621
604.17	0.001	195.8	0.0142	604.17	-0.002	190	0.0541
604.20	-0.001	195.6	0.0107	604.20	-0.002	190	0.0479
604.23	-0.002	195.3	0.0062	604.23	-0.005	189.6	0.0399
604.27	-0.005	195	0.0062	604.27	-0.009	189.1	0.032
604.30	-0.006	194.7	0.0027	604.30	-0.011	188.7	0.0249
604.33	-0.006	194.7	-0.0009	604.33	-0.013	188.3	0.0178
604.37	-0.007	194.5	-0.0044	604.37	-0.017	187.7	0.0178
604.40	-0.01	194.2	-0.008	604.40	-0.019	187.3	0.0107
604.43	-0.011	194	-0.0107	604.43	-0.019	187.3	0.0053
604.47	-0.012	193.8	-0.0133	604.47	-0.02	187	0

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
604.50	-0.013	193.5	-0.0133	604.50	-0.023	186.5	-0.0053
604.53	-0.015	193.3	-0.0151	604.53	-0.025	186.1	-0.0089
604.57	-0.015	193.3	-0.0178	604.57	-0.025	185.8	-0.0115
604.60	-0.015	193.1	-0.0186	604.60	-0.027	185.4	-0.0115
604.63	-0.016	192.9	-0.0204	604.63	-0.028	185.2	-0.0151
604.67	-0.017	192.7	-0.0213	604.67	-0.028	185.2	-0.0178
604.70	-0.017	192.6	-0.0222	604.70	-0.028	184.9	-0.0186
604.73	-0.017	192.5	-0.0222	604.73	-0.029	184.8	-0.0204
604.77	-0.017	192.4	-0.0222	604.77	-0.029	184.6	-0.0213
604.80	-0.017	192.4	-0.0222	604.80	-0.029	184.4	-0.0213
604.83	-0.017	192.3	-0.0222	604.83	-0.028	184.3	-0.0213
604.87	-0.017	192.2	-0.0222	604.87	-0.027	184.2	-0.0195
604.90	-0.016	192.1	-0.0213	604.90	-0.027	184.2	-0.0195
604.93	-0.015	192.1	-0.0204	604.93	-0.026	184.1	-0.0178
604.97	-0.015	192.1	-0.0186	604.97	-0.025	184.2	-0.016
605.00	-0.013	192.1	-0.0186	605.00	-0.023	184.2	-0.0133
605.03	-0.012	192.1	-0.0178	605.03	-0.022	184.2	-0.0107
605.08	-0.011	192.2	-0.0151	605.07	-0.019	184.4	-0.0107
605.12	-0.01	192.3	-0.0151	605.10	-0.016	184.5	-0.0071
605.15	-0.008	192.3	-0.0133	605.13	-0.016	184.5	-0.0044
605.17	-0.008	192.4	-0.0107	605.17	-0.015	184.7	0.0009
605.20	-0.007	192.5	-0.0071	605.20	-0.012	185	0.0062
605.23	-0.004	192.7	-0.0044	605.23	-0.008	185.2	0.0107
605.27	-0.002	192.8	-0.0018	605.27	-0.007	185.4	0.0169
605.30	-0.001	192.9	0.0027	605.30	-0.004	185.9	0.0169
605.33	0.002	193.2	0.0027	605.33	0.001	186.2	0.0231
605.37	0.004	193.4	0.0062	605.37	0.001	186.2	0.0311
605.40	0.004	193.4	0.0089	605.40	0.003	186.5	0.0399
605.43	0.005	193.6	0.0133	605.43	0.007	187.1	0.0479
605.47	0.009	193.8	0.0178	605.47	0.01	187.4	0.0541
605.50	0.01	194	0.0213	605.52	0.012	187.7	0.0612
605.53	0.012	194.3	0.0249	605.55	0.014	188.1	0.0648
605.57	0.015	194.6	0.0249	605.58	0.018	188.5	0.0719
605.60	0.016	194.8	0.0302	605.60	0.02	188.9	0.0799
605.63	0.016	194.8	0.0337	605.63	0.023	189.4	0.0879
605.67	0.017	195	0.0373	605.67	0.027	189.8	0.0879
605.70	0.02	195.4	0.0408	605.70	0.027	189.8	0.0941
605.73	0.022	195.6	0.0435	605.73	0.028	190.1	0.0994
605.77	0.022	195.8	0.047	605.77	0.03	190.6	0.1056
605.80	0.024	196.1	0.047	605.80	0.033	191	0.111
605.83	0.025	196.3	0.0497	605.83	0.034	191.3	0.1145
605.87	0.025	196.3	0.0506	605.87	0.036	191.7	0.1189
605.90	0.026	196.5	0.0524	605.90	0.038	192	0.1189
605.93	0.027	196.7	0.0541	605.93	0.038	192	0.1225
605.97	0.028	196.9	0.0559	605.97	0.039	192.2	0.1252
606.00	0.028	197	0.0568	606.00	0.039	192.5	0.126
606.03	0.029	197.2	0.0568	606.03	0.04	192.7	0.1278
606.07	0.029	197.3	0.0577	606.07	0.04	192.9	0.1296
606.10	0.029	197.3	0.0577	606.10	0.04	193.1	0.1296
606.13	0.029	197.4	0.0577	606.13	0.04	193.3	0.1296
606.17	0.029	197.5	0.0577	606.17	0.04	193.3	0.1305
606.20	0.028	197.6	0.0577	606.20	0.04	193.4	0.1296
606.23	0.027	197.6	0.0568	606.23	0.04	193.5	0.1296
606.27	0.026	197.6	0.055	606.27	0.037	193.5	0.1269
606.30	0.025	197.6	0.055	606.30	0.036	193.6	0.1252
606.33	0.025	197.6	0.0541	606.33	0.035	193.5	0.1225
606.37	0.025	197.6	0.0533	606.37	0.031	193.4	0.1225
606.40	0.023	197.6	0.0506	606.40	0.031	193.4	0.1198
606.43	0.021	197.5	0.0488	606.43	0.031	193.4	0.1163
606.47	0.02	197.5	0.0462	606.47	0.029	193.2	0.1118
606.50	0.019	197.3	0.0435	606.50	0.024	193	0.1074
606.55	0.016	197.2	0.0408	606.53	0.023	192.9	0.103
606.58	0.015	197.1	0.0391	606.57	0.021	192.6	0.0976

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
606.60	0.014	197	0.0355	606.60	0.016	192.3	0.0976
606.63	0.01	196.8	0.0355	606.63	0.014	192.3	0.0905
606.67	0.01	196.8	0.032	606.67	0.014	192	0.0852
606.70	0.01	196.6	0.0293	606.70	0.012	191.7	0.0781
606.73	0.008	196.4	0.024	606.73	0.006	191.2	0.0683
606.77	0.004	196.2	0.0204	606.77	0.004	190.9	0.063
606.80	0.004	196	0.0169	606.80	0.002	190.5	0.0559
606.83	0.002	195.7	0.0124	606.83	-0.004	190	0.0559
606.87	-0.002	195.4	0.0124	606.87	-0.005	190	0.047
606.90	-0.003	195.4	0.008	606.90	-0.005	189.7	0.0408
606.93	-0.003	195.2	0.0053	606.93	-0.007	189.2	0.0337
606.97	-0.004	194.8	0.0009	606.98	-0.012	188.7	0.024
607.00	-0.008	194.6	-0.0027	607.02	-0.012	188.4	0.0204
607.03	-0.008	194.4	-0.0053	607.03	-0.014	188	0.0142
607.07	-0.01	194.1	-0.0089	607.07	-0.019	187.5	0.008
607.10	-0.012	193.8	-0.0089	607.10	-0.019	187.2	0.0036
607.13	-0.013	193.8	-0.0115	607.13	-0.021	186.7	-0.0018
607.17	-0.013	193.6	-0.0133	607.17	-0.024	186.3	-0.0018
607.20	-0.014	193.4	-0.016	607.20	-0.025	186.3	-0.0071
607.23	-0.015	193.2	-0.0178	607.23	-0.025	185.9	-0.0098
607.27	-0.016	193	-0.0186	607.27	-0.026	185.6	-0.0133
607.30	-0.016	192.8	-0.0204	607.30	-0.027	185.3	-0.0169
607.33	-0.017	192.6	-0.0204	607.33	-0.028	185	-0.0178
607.37	-0.017	192.6	-0.0222	607.37	-0.029	184.8	-0.0195
607.40	-0.017	192.5	-0.0222	607.40	-0.029	184.6	-0.0195
607.43	-0.017	192.4	-0.0222	607.43	-0.029	184.4	-0.0204
607.47	-0.017	192.3	-0.0222	607.47	-0.029	184.4	-0.0213
607.50	-0.017	192.2	-0.0222	607.50	-0.029	184.3	-0.0204
607.53	-0.017	192.1	-0.0222	607.53	-0.028	184.2	-0.0204
607.57	-0.016	192.1	-0.0222	607.57	-0.026	184.2	-0.0186
607.60	-0.015	192.1	-0.0213	607.60	-0.026	184.1	-0.0169
607.63	-0.015	192.1	-0.0204	607.63	-0.024	184.1	-0.0169
607.67	-0.014	192.1	-0.0186	607.67	-0.022	184.2	-0.0151
607.70	-0.013	192.1	-0.0169	607.70	-0.022	184.2	-0.0124
607.73	-0.011	192.2	-0.0151	607.73	-0.021	184.3	-0.0098
607.77	-0.01	192.2	-0.0124	607.77	-0.018	184.5	-0.0062
607.80	-0.008	192.4	-0.0124	607.80	-0.015	184.6	-0.0027
607.83	-0.006	192.5	-0.0098	607.83	-0.014	184.7	0.0018
607.87	-0.006	192.5	-0.008	607.87	-0.01	185.1	0.0018
607.90	-0.005	192.6	-0.0053	607.90	-0.007	185.3	0.008
607.93	-0.002	192.8	-0.0009	607.93	-0.007	185.3	0.0133
607.97	0	192.9	0.0018	607.97	-0.006	185.5	0.0195
608.02	0.001	193.1	0.0053	608.00	-0.001	186	0.0275
608.05	0.002	193.3	0.0071	608.03	0.002	186.3	0.0346
608.07	0.005	193.5	0.0107	608.07	0.004	186.6	0.0426
608.10	0.006	193.7	0.0151	608.10	0.009	187.2	0.0426
608.13	0.009	194	0.0151	608.13	0.011	187.6	0.0506
608.17	0.012	194.2	0.0195	608.17	0.011	187.6	0.0577
608.20	0.012	194.2	0.0231	608.20	0.013	187.9	0.0648
608.23	0.012	194.4	0.0275	608.23	0.018	188.4	0.0728
608.27	0.015	194.7	0.032	608.27	0.021	188.8	0.079
608.30	0.017	194.9	0.0355	608.30	0.022	189.2	0.0852
608.33	0.018	195.1	0.0391	608.33	0.026	189.7	0.0852
608.37	0.02	195.5	0.0417	608.37	0.029	190.1	0.0932
608.40	0.022	195.7	0.0417	608.42	0.03	190.4	0.103
608.43	0.022	195.7	0.0444	608.45	0.031	190.8	0.1074
608.47	0.023	195.9	0.047	608.48	0.034	191.1	0.1074
608.50	0.024	196.2	0.0497	608.50	0.035	191.1	0.1118
608.53	0.026	196.4	0.0524	608.53	0.035	191.4	0.1163
608.57	0.026	196.6	0.0541	608.57	0.036	191.8	0.1207
608.60	0.027	196.7	0.055	608.60	0.039	192.1	0.1234
608.63	0.028	196.9	0.055	608.63	0.039	192.4	0.1252
608.67	0.029	196.9	0.0568	608.67	0.039	192.6	0.1278

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
608.70	0.029	197.1	0.0577	608.70	0.04	192.9	0.1278
608.73	0.029	197.2	0.0577	608.73	0.04	192.9	0.1287
608.77	0.029	197.3	0.0577	608.77	0.04	193	0.1296
608.80	0.029	197.4	0.0586	608.80	0.04	193.2	0.1296
608.83	0.029	197.5	0.0586	608.83	0.04	193.4	0.1296
608.87	0.028	197.6	0.0586	608.87	0.04	193.5	0.1296
608.90	0.027	197.6	0.0577	608.90	0.039	193.5	0.1287
608.93	0.027	197.6	0.0568	608.93	0.036	193.5	0.1287
608.97	0.027	197.7	0.055	608.97	0.036	193.5	0.126
609.00	0.025	197.6	0.0541	609.00	0.036	193.6	0.1243
609.03	0.024	197.6	0.0524	609.03	0.034	193.5	0.1207
609.07	0.023	197.6	0.0497	609.07	0.03	193.4	0.1181
609.10	0.02	197.5	0.0497	609.10	0.029	193.3	0.1145
609.13	0.019	197.5	0.0479	609.13	0.027	193.1	0.1101
609.17	0.019	197.4	0.0462	609.17	0.023	192.9	0.1101
609.20	0.018	197.3	0.0426	609.20	0.022	192.9	0.1056
609.23	0.015	197.1	0.0399	609.23	0.022	192.8	0.1012
609.27	0.014	197	0.0373	609.27	0.02	192.4	0.095
609.30	0.012	196.9	0.0328	609.30	0.014	192.1	0.0879
609.33	0.009	196.6	0.0328	609.33	0.013	191.9	0.0826
609.37	0.007	196.5	0.0293	609.37	0.01	191.4	0.0746
609.40	0.007	196.5	0.0257	609.40	0.004	191	0.0746
609.43	0.006	196.3	0.0213	609.43	0.003	191	0.0648
609.47	0.003	196	0.0169	609.47	0.003	190.8	0.0595
609.50	0.001	195.7	0.0142	609.50	0.001	190.3	0.0524
609.53	0	195.6	0.0098	609.53	-0.005	189.8	0.0435
609.57	-0.003	195.2	0.0098	609.57	-0.006	189.5	0.0382
609.60	-0.005	194.9	0.0053	609.60	-0.008	189	0.0302
609.63	-0.005	194.9	0.0027	609.63	-0.013	188.5	0.0302
609.68	-0.008	194.5	-0.0009	609.67	-0.014	188.5	0.0213
609.72	-0.009	194.2	-0.0036	609.70	-0.014	188.1	0.016
609.73	-0.009	194.2	-0.0062	609.73	-0.016	187.6	0.0089
609.77	-0.01	194	-0.0098	609.77	-0.021	187.2	0.0027
609.80	-0.012	193.7	-0.0124	609.80	-0.021	186.8	-0.0009
609.83	-0.014	193.5	-0.0151	609.83	-0.022	186.4	-0.0053
609.87	-0.014	193.3	-0.0169	609.88	-0.026	186	-0.0107
609.90	-0.015	193.1	-0.0186	609.92	-0.025	185.7	-0.0115
609.93	-0.016	192.9	-0.0186	609.93	-0.026	185.4	-0.0151
609.97	-0.016	192.9	-0.0195	609.97	-0.028	185.1	-0.0151
610.00	-0.017	192.7	-0.0204	610.00	-0.028	185.1	-0.0178
610.03	-0.017	192.6	-0.0222	610.03	-0.028	184.9	-0.0186
610.07	-0.017	192.4	-0.0222	610.07	-0.029	184.7	-0.0204
610.10	-0.017	192.3	-0.0222	610.10	-0.029	184.5	-0.0204
610.13	-0.017	192.2	-0.0222	610.13	-0.029	184.3	-0.0204
610.17	-0.017	192.1	-0.0222	610.17	-0.028	184.2	-0.0204
610.20	-0.016	192.1	-0.0222	610.20	-0.027	184.2	-0.0204
610.23	-0.016	192.1	-0.0222	610.23	-0.026	184.2	-0.0195
610.27	-0.016	192.1	-0.0204	610.27	-0.026	184.1	-0.0186
610.30	-0.014	192.1	-0.0195	610.30	-0.025	184.1	-0.016
610.33	-0.014	192.1	-0.0186	610.33	-0.023	184.2	-0.0142
610.37	-0.012	192.1	-0.016	610.37	-0.021	184.2	-0.0115
610.40	-0.01	192.2	-0.016	610.40	-0.02	184.3	-0.008
610.43	-0.009	192.2	-0.0142	610.43	-0.016	184.5	-0.008
610.47	-0.009	192.2	-0.0124	610.47	-0.015	184.6	-0.0036
610.50	-0.008	192.4	-0.0098	610.50	-0.015	184.6	-0.0009
610.53	-0.005	192.5	-0.0062	610.53	-0.013	184.8	0.0044
610.57	-0.004	192.6	-0.0044	610.57	-0.008	185.2	0.0107
610.60	-0.003	192.8	0	610.60	-0.006	185.4	0.016
610.63	0.001	193	0	610.63	-0.004	185.7	0.0231
610.67	0.002	193	0.0036	610.67	0.001	186.1	0.0231
610.70	0.002	193.2	0.0062	610.70	0.003	186.5	0.032
610.73	0.004	193.4	0.0107	610.73	0.003	186.5	0.0382
610.77	0.007	193.6	0.0151	610.77	0.005	186.8	0.0453

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
610.80	0.009	193.8	0.0178	610.80	0.01	187.3	0.0533
610.83	0.01	194.1	0.0222	610.83	0.013	187.7	0.0604
610.87	0.013	194.3	0.0222	610.87	0.015	188	0.0675
610.90	0.014	194.3	0.0275	610.90	0.019	188.6	0.0675
610.93	0.014	194.6	0.0302	610.93	0.022	189	0.0754
610.97	0.016	194.8	0.0346	610.97	0.022	189	0.0817
611.00	0.019	195.1	0.0382	611.00	0.023	189.3	0.0888
611.03	0.02	195.3	0.0408	611.03	0.027	189.9	0.0959
611.07	0.021	195.6	0.0444	611.07	0.03	190.2	0.1012
611.12	0.023	195.9	0.047	611.10	0.031	190.6	0.1074
611.15	0.024	196	0.0479	611.13	0.034	191	0.1136
611.18	0.025	196.2	0.0506	611.17	0.036	191.3	0.1136
611.20	0.026	196.5	0.0506	611.20	0.036	191.3	0.1172
611.23	0.027	196.7	0.0533	611.23	0.036	191.6	0.1207
611.27	0.027	196.7	0.055	611.27	0.038	192	0.1234
611.30	0.027	196.8	0.055	611.30	0.039	192.3	0.126
611.33	0.028	197	0.0568	611.35	0.04	192.5	0.1269
611.37	0.029	197.1	0.0577	611.38	0.04	192.8	0.1287
611.40	0.029	197.3	0.0577	611.40	0.04	193	0.1296
611.43	0.029	197.4	0.0577	611.43	0.04	193.1	0.1296
611.47	0.029	197.5	0.0577	611.47	0.04	193.3	0.1305
611.50	0.029	197.5	0.0577	611.50	0.04	193.4	0.1305
611.53	0.029	197.6	0.0577	611.53	0.039	193.4	0.1305
611.57	0.028	197.6	0.0577	611.57	0.039	193.6	0.1296
611.60	0.026	197.6	0.0559	611.60	0.038	193.6	0.1278
611.63	0.026	197.7	0.055	611.63	0.036	193.6	0.126
611.67	0.025	197.6	0.0533	611.67	0.035	193.6	0.1234
611.70	0.023	197.6	0.0533	611.70	0.033	193.5	0.1198
611.73	0.022	197.6	0.0515	611.73	0.03	193.4	0.1198
611.77	0.022	197.6	0.0497	611.77	0.029	193.4	0.1172
611.80	0.021	197.5	0.047	611.80	0.029	193.3	0.1136
611.83	0.018	197.4	0.0444	611.83	0.026	193	0.1083
611.87	0.017	197.3	0.0417	611.87	0.022	192.8	0.1039
611.90	0.016	197.1	0.0391	611.90	0.02	192.7	0.0985
611.93	0.012	196.9	0.0391	611.93	0.018	192.3	0.0923
611.97	0.011	196.9	0.0355	611.97	0.013	192	0.0923
612.00	0.011	196.8	0.0328	612.00	0.012	192	0.0852
612.03	0.01	196.5	0.0275	612.03	0.012	191.8	0.079
612.07	0.006	196.3	0.0231	612.07	0.009	191.3	0.071
612.10	0.005	196.2	0.0204	612.10	0.003	190.9	0.0621
612.13	0.003	195.9	0.0169	612.13	0.002	190.6	0.0568
612.17	0	195.7	0.0169	612.17	-0.001	190.1	0.0488
612.20	-0.001	195.7	0.0124	612.20	-0.006	189.7	0.0488
612.23	-0.001	195.4	0.0089	612.23	-0.007	189.7	0.0408
612.27	-0.002	195.1	0.0053	612.27	-0.007	189.3	0.0346
612.30	-0.006	194.8	0.0009	612.30	-0.009	188.8	0.0257
612.33	-0.007	194.6	-0.0027	612.33	-0.015	188.3	0.0178
612.37	-0.008	194.3	-0.0062	612.37	-0.015	187.9	0.0133
612.40	-0.011	194	-0.0062	612.40	-0.017	187.5	0.0071
612.43	-0.012	194	-0.0098	612.43	-0.021	187	0.0071
612.47	-0.012	193.8	-0.0115	612.47	-0.022	187	0.0009
612.50	-0.012	193.6	-0.0133	612.50	-0.022	186.6	-0.0027
612.53	-0.015	193.3	-0.016	612.53	-0.023	186.2	-0.008
612.58	-0.015	193.2	-0.0178	612.57	-0.026	185.8	-0.0115
612.62	-0.015	193	-0.0186	612.60	-0.026	185.6	-0.0142
612.63	-0.016	192.8	-0.0204	612.63	-0.027	185.3	-0.0169
612.67	-0.017	192.6	-0.0213	612.67	-0.028	185	-0.0169
612.70	-0.017	192.5	-0.0222	612.70	-0.029	185	-0.0186
612.73	-0.017	192.4	-0.0222	612.73	-0.029	184.8	-0.0195
612.77	-0.017	192.4	-0.0222	612.78	-0.029	184.4	-0.0204
612.80	-0.017	192.3	-0.0231	612.82	-0.029	184.4	-0.0213
612.83	-0.017	192.2	-0.0222	612.85	-0.029	184.3	-0.0213
612.87	-0.016	192.1	-0.0222	612.87	-0.028	184.2	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
612.90	-0.016	192.1	-0.0213	612.90	-0.027	184.1	-0.0195
612.93	-0.015	192.1	-0.0204	612.93	-0.026	184.1	-0.0178
612.97	-0.014	192.1	-0.0204	612.97	-0.025	184.1	-0.0151
613.00	-0.013	192.1	-0.0186	613.00	-0.022	184.2	-0.0151
613.03	-0.013	192.1	-0.0178	613.03	-0.021	184.2	-0.0124
613.07	-0.012	192.1	-0.016	613.07	-0.021	184.2	-0.0107
613.10	-0.01	192.2	-0.0133	613.10	-0.019	184.4	-0.0071
613.13	-0.008	192.3	-0.0107	613.13	-0.015	184.6	-0.0027
613.17	-0.007	192.4	-0.0089	613.17	-0.014	184.7	0.0009
613.20	-0.005	192.6	-0.0089	613.20	-0.012	184.9	0.0062
613.23	-0.003	192.6	-0.0053	613.23	-0.007	185.3	0.0062
613.27	-0.003	192.7	-0.0027	613.27	-0.005	185.5	0.0133
613.30	-0.002	192.8	0.0009	613.30	-0.005	185.5	0.0186
613.33	0.002	193.1	0.0053	613.33	-0.003	185.8	0.0257
613.37	0.003	193.2	0.008	613.37	0.002	186.3	0.0355
613.40	0.004	193.5	0.0115	613.40	0.005	186.6	0.0408
613.43	0.008	193.7	0.0115	613.43	0.006	187	0.0479
613.47	0.009	193.7	0.016	613.47	0.011	187.6	0.0479
613.50	0.009	193.9	0.0195	613.50	0.014	187.9	0.0568
613.53	0.011	194.1	0.024	613.53	0.014	187.9	0.0639
613.57	0.014	194.4	0.0293	613.57	0.016	188.3	0.071
613.60	0.015	194.6	0.032	613.60	0.02	188.8	0.079
613.63	0.016	194.9	0.0355	613.63	0.023	189.2	0.0852
613.67	0.019	195.2	0.0355	613.67	0.025	189.6	0.0914
613.70	0.021	195.4	0.0399	613.70	0.028	190.1	0.0985
613.73	0.021	195.4	0.0426	613.73	0.03	190.4	0.0985
613.77	0.022	195.7	0.0453	613.77	0.03	190.4	0.1047
613.80	0.023	195.9	0.0479	613.80	0.032	190.8	0.1101
613.83	0.025	196.2	0.0506	613.83	0.034	191.2	0.1145
613.87	0.025	196.3	0.0524	613.87	0.036	191.5	0.1189
613.90	0.026	196.6	0.0524	613.90	0.037	191.8	0.1216
613.93	0.027	196.7	0.0541	613.93	0.038	192.2	0.1243
613.97	0.027	196.7	0.055	613.97	0.04	192.4	0.1243
614.00	0.029	197.1	0.0568	614.00	0.04	192.4	0.1269
614.05	0.029	197.2	0.0577	614.03	0.04	192.6	0.1278
614.08	0.029	197.2	0.0577	614.07	0.04	192.9	0.1287
614.10	0.029	197.3	0.0577	614.10	0.04	193.1	0.1296
614.13	0.029	197.4	0.0577	614.13	0.04	193.2	0.1296
614.17	0.029	197.5	0.0577	614.17	0.04	193.3	0.1296
614.20	0.028	197.6	0.0577	614.20	0.04	193.5	0.1296
614.23	0.028	197.6	0.0568	614.25	0.038	193.6	0.1287
614.27	0.026	197.6	0.0568	614.28	0.038	193.6	0.1269
614.30	0.026	197.6	0.0559	614.30	0.035	193.6	0.1269
614.33	0.026	197.7	0.0541	614.33	0.034	193.6	0.1243
614.37	0.024	197.6	0.0524	614.37	0.034	193.6	0.1225
614.40	0.022	197.6	0.0506	614.40	0.032	193.5	0.1189
614.43	0.021	197.5	0.0488	614.43	0.029	193.3	0.1145
614.47	0.02	197.4	0.0462	614.47	0.027	193.2	0.111
614.50	0.017	197.3	0.0462	614.50	0.026	193	0.1065
614.53	0.017	197.3	0.0435	614.53	0.021	192.7	0.1065
614.57	0.017	197.2	0.0408	614.57	0.019	192.7	0.1003
614.60	0.015	197	0.0373	614.60	0.019	192.6	0.0959
614.63	0.011	196.8	0.0337	614.63	0.017	192.2	0.0897
614.67	0.011	196.7	0.0302	614.67	0.011	191.9	0.0817
614.70	0.009	196.5	0.0257	614.70	0.01	191.6	0.0763
614.73	0.005	196.2	0.0257	614.73	0.007	191.2	0.0675
614.77	0.004	196.2	0.0213	614.77	0.002	190.7	0.0675
614.80	0.004	196.1	0.0186	614.80	0.001	190.7	0.0595
614.83	0.002	195.8	0.0151	614.83	0.001	190.4	0.0533
614.87	-0.001	195.5	0.0107	614.87	-0.002	189.9	0.0462
614.90	-0.002	195.2	0.0071	614.90	-0.007	189.4	0.0364
614.93	-0.003	194.9	0.0027	614.93	-0.008	189.1	0.0311
614.97	-0.007	194.7	0.0027	614.97	-0.011	188.6	0.0231

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
615.00	-0.008	194.7	-0.0018	615.00	-0.016	188.1	0.0231
615.03	-0.008	194.4	-0.0036	615.03	-0.016	188.1	0.0142
615.07	-0.009	194.2	-0.0071	615.07	-0.016	187.8	0.0098
615.10	-0.012	193.9	-0.0107	615.10	-0.018	187.3	0.0044
615.13	-0.012	193.7	-0.0124	615.13	-0.022	186.8	-0.0018
615.17	-0.013	193.5	-0.0151	615.17	-0.022	186.5	-0.0053
615.20	-0.015	193.2	-0.0151	615.20	-0.024	186.1	-0.0098
615.23	-0.015	193.2	-0.0178	615.23	-0.027	185.7	-0.0098
615.27	-0.015	193.1	-0.0186	615.27	-0.027	185.7	-0.0133
615.30	-0.016	192.9	-0.0204	615.30	-0.027	185.4	-0.0151
615.33	-0.017	192.7	-0.0213	615.33	-0.027	185.1	-0.0178
615.37	-0.017	192.5	-0.0222	615.37	-0.028	184.9	-0.0195
615.40	-0.017	192.4	-0.0222	615.40	-0.029	184.7	-0.0204
615.43	-0.017	192.3	-0.0222	615.43	-0.029	184.5	-0.0204
615.48	-0.017	192.2	-0.0222	615.47	-0.028	184.4	-0.0204
615.52	-0.017	192.1	-0.0222	615.50	-0.028	184.4	-0.0204
615.53	-0.016	192.1	-0.0222	615.53	-0.028	184.3	-0.0204
615.57	-0.015	192	-0.0222	615.57	-0.027	184.2	-0.0186
615.60	-0.015	192	-0.0213	615.60	-0.026	184.2	-0.0178
615.63	-0.015	192	-0.0204	615.63	-0.024	184.2	-0.016
615.67	-0.014	192	-0.0186	615.68	-0.023	184.2	-0.0133
615.70	-0.012	192.1	-0.0169	615.72	-0.021	184.2	-0.0115
615.73	-0.012	192.1	-0.0151	615.75	-0.02	184.3	-0.0089
615.77	-0.009	192.2	-0.0151	615.77	-0.018	184.4	-0.0053
615.80	-0.008	192.3	-0.0124	615.80	-0.015	184.7	-0.0053
615.83	-0.008	192.3	-0.0107	615.83	-0.012	184.8	-0.0009
615.87	-0.007	192.4	-0.0071	615.87	-0.012	184.8	0.0036
615.90	-0.004	192.6	-0.0044	615.90	-0.011	185	0.0098
615.93	-0.002	192.7	-0.0009	615.93	-0.006	185.4	0.016
615.97	-0.001	192.9	0.0027	615.97	-0.003	185.7	0.0222
616.00	0.002	193.1	0.0027	616.00	-0.001	186	0.0302
616.03	0.005	193.3	0.0062	616.03	0.003	186.5	0.0302
616.07	0.005	193.3	0.0098	616.07	0.006	186.8	0.0382
616.10	0.005	193.5	0.0133	616.10	0.006	186.8	0.0444
616.13	0.008	193.8	0.0178	616.13	0.008	187.2	0.0515
616.17	0.011	194	0.0213	616.17	0.012	187.7	0.0612
616.20	0.011	194.2	0.0249	616.20	0.016	188.1	0.0666
616.23	0.014	194.5	0.0302	616.23	0.017	188.4	0.0737
616.27	0.017	194.8	0.0302	616.27	0.021	189	0.0737
616.30	0.017	194.8	0.0337	616.30	0.024	189.4	0.0826
616.33	0.017	195	0.0373	616.33	0.024	189.4	0.0879
616.37	0.019	195.3	0.0408	616.37	0.025	189.7	0.0941
616.40	0.022	195.6	0.0435	616.40	0.029	190.3	0.1021
616.43	0.022	195.8	0.0462	616.43	0.032	190.6	0.1083
616.47	0.024	196	0.0488	616.47	0.033	190.9	0.1127
616.50	0.026	196.2	0.0488	616.50	0.035	191.3	0.1163
616.53	0.026	196.2	0.0515	616.53	0.037	191.7	0.1163
616.57	0.026	196.4	0.0533	616.57	0.037	191.7	0.1198
616.60	0.027	196.6	0.055	616.60	0.037	192	0.1234
616.63	0.028	196.8	0.0559	616.63	0.038	192.3	0.126
616.67	0.028	197	0.0568	616.67	0.04	192.5	0.1278
616.70	0.028	197.1	0.0577	616.70	0.04	192.8	0.1287
616.73	0.029	197.2	0.0577	616.73	0.04	192.9	0.1296
616.77	0.029	197.2	0.0586	616.77	0.04	193.1	0.1296
616.80	0.029	197.3	0.0586	616.80	0.04	193.1	0.1305
616.83	0.029	197.4	0.0586	616.83	0.04	193.3	0.1305
616.87	0.028	197.5	0.0577	616.87	0.04	193.4	0.1305
616.90	0.027	197.6	0.0568	616.90	0.039	193.5	0.1296
616.95	0.027	197.6	0.0559	616.93	0.037	193.5	0.1278
616.98	0.026	197.6	0.055	616.97	0.037	193.5	0.1252
617.00	0.025	197.6	0.0541	617.00	0.033	193.5	0.1252
617.03	0.024	197.6	0.0524	617.03	0.032	193.5	0.1225
617.07	0.022	197.5	0.0524	617.07	0.032	193.5	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
617.10	0.021	197.5	0.0497	617.10	0.031	193.3	0.1163
617.13	0.021	197.5	0.0479	617.15	0.026	193.1	0.1118
617.17	0.02	197.3	0.0444	617.18	0.026	193.1	0.1101
617.20	0.016	197.2	0.0417	617.20	0.024	192.8	0.1047
617.23	0.016	197.1	0.0391	617.23	0.019	192.6	0.0985
617.27	0.014	196.9	0.0355	617.27	0.018	192.4	0.0932
617.30	0.011	196.7	0.0355	617.30	0.016	192.1	0.087
617.33	0.009	196.7	0.032	617.33	0.011	191.7	0.087
617.37	0.009	196.6	0.0293	617.37	0.009	191.7	0.0799
617.40	0.008	196.4	0.024	617.40	0.009	191.4	0.0728
617.43	0.004	196.1	0.0204	617.43	0.006	191	0.0648
617.47	0.003	196	0.0178	617.47	0.001	190.6	0.0577
617.50	0.002	195.7	0.0133	617.50	-0.001	190.2	0.0515
617.53	-0.002	195.4	0.0133	617.53	-0.003	189.8	0.0435
617.57	-0.003	195.4	0.0089	617.57	-0.009	189.3	0.0435
617.60	-0.003	195.1	0.0053	617.60	-0.01	189.3	0.0346
617.63	-0.004	194.9	0.0018	617.63	-0.01	188.9	0.0284
617.67	-0.007	194.6	-0.0027	617.67	-0.012	188.4	0.0213
617.70	-0.009	194.4	-0.0053	617.70	-0.016	187.9	0.0133
617.73	-0.01	194.1	-0.0089	617.73	-0.018	187.6	0.008
617.77	-0.012	193.8	-0.0089	617.77	-0.019	187.2	0.0027
617.80	-0.012	193.8	-0.0115	617.80	-0.023	186.6	0.0027
617.83	-0.012	193.6	-0.0133	617.83	-0.023	186.6	-0.0027
617.87	-0.014	193.4	-0.016	617.87	-0.023	186.3	-0.0062
617.90	-0.015	193.1	-0.0178	617.90	-0.025	186	-0.0107
617.93	-0.016	193	-0.0195	617.93	-0.027	185.6	-0.0142
617.97	-0.016	192.8	-0.0204	617.97	-0.028	185.3	-0.016
618.00	-0.017	192.6	-0.0204	618.00	-0.028	185.1	-0.0178
618.03	-0.017	192.5	-0.0222	618.03	-0.028	184.8	-0.0178
618.07	-0.017	192.5	-0.0222	618.07	-0.029	184.8	-0.0195
618.10	-0.017	192.3	-0.0222	618.10	-0.029	184.6	-0.0204
618.13	-0.017	192.2	-0.0222	618.13	-0.029	184.4	-0.0204
618.17	-0.017	192.1	-0.0222	618.17	-0.028	184.3	-0.0204
618.20	-0.017	192.1	-0.0222	618.20	-0.028	184.2	-0.0195
618.23	-0.016	192.1	-0.0222	618.23	-0.027	184.2	-0.0186
618.27	-0.015	192	-0.0213	618.27	-0.025	184.2	-0.0186
618.30	-0.015	192	-0.0204	618.30	-0.024	184.2	-0.016
618.33	-0.014	192	-0.0186	618.33	-0.024	184.2	-0.0142
618.38	-0.012	192.1	-0.016	618.37	-0.023	184.2	-0.0115
618.42	-0.012	192.1	-0.016	618.40	-0.02	184.4	-0.0089
618.45	-0.011	192.1	-0.0133	618.43	-0.017	184.5	-0.0053
618.47	-0.009	192.3	-0.0115	618.47	-0.016	184.6	-0.0009
618.50	-0.006	192.4	-0.0089	618.50	-0.012	184.9	-0.0009
618.53	-0.006	192.5	-0.0062	618.53	-0.01	185.1	0.0044
618.57	-0.004	192.7	-0.0027	618.58	-0.008	185.3	0.0124
618.60	-0.001	192.8	-0.0027	618.62	-0.006	185.5	0.0124
618.63	-0.001	192.8	0	618.65	-0.003	185.9	0.0178
618.67	0	193	0.0036	618.67	-0.003	185.9	0.024
618.70	0.002	193.2	0.008	618.70	0	186.2	0.0328
618.73	0.005	193.4	0.0115	618.73	0.004	186.7	0.0417
618.77	0.006	193.6	0.0151	618.77	0.008	187.1	0.0488
618.80	0.009	193.9	0.0195	618.80	0.009	187.4	0.055
618.83	0.011	194.1	0.0195	618.83	0.013	187.9	0.055
618.87	0.012	194.1	0.0231	618.87	0.017	188.3	0.063
618.90	0.012	194.3	0.0275	618.90	0.017	188.3	0.0701
618.93	0.015	194.6	0.0311	618.93	0.018	188.6	0.0772
618.97	0.017	194.9	0.0346	618.97	0.023	189.2	0.0852
619.00	0.018	195.1	0.0382	619.00	0.025	189.5	0.0914
619.03	0.02	195.4	0.0408	619.03	0.027	189.9	0.0976
619.07	0.022	195.7	0.0408	619.07	0.03	190.4	0.0976
619.10	0.023	195.7	0.0444	619.10	0.032	190.8	0.1039
619.13	0.023	195.8	0.0462	619.13	0.032	190.8	0.1083
619.17	0.024	196.1	0.0497	619.17	0.033	191.1	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
619.20	0.026	196.3	0.0515	619.20	0.035	191.5	0.1181
619.23	0.026	196.5	0.0533	619.23	0.038	191.8	0.1216
619.27	0.027	196.7	0.055	619.27	0.038	192.1	0.1243
619.30	0.028	196.9	0.055	619.30	0.039	192.4	0.1269
619.33	0.029	196.9	0.0559	619.33	0.04	192.6	0.1269
619.37	0.029	197	0.0568	619.37	0.04	192.6	0.1287
619.40	0.029	197.1	0.0577	619.40	0.04	192.9	0.1296
619.43	0.029	197.3	0.0577	619.43	0.04	193	0.1296
619.47	0.029	197.4	0.0577	619.47	0.04	193.2	0.1305
619.50	0.028	197.5	0.0577	619.50	0.04	193.4	0.1305
619.53	0.028	197.6	0.0577	619.53	0.04	193.5	0.1305
619.57	0.027	197.6	0.0577	619.57	0.038	193.5	0.1305
619.60	0.027	197.6	0.0568	619.60	0.037	193.5	0.1287
619.63	0.026	197.6	0.055	619.63	0.037	193.6	0.1269
619.67	0.025	197.6	0.0541	619.67	0.036	193.5	0.1243
619.70	0.024	197.6	0.0524	619.70	0.032	193.5	0.1216
619.73	0.023	197.5	0.0497	619.73	0.031	193.4	0.1189
619.77	0.02	197.4	0.0497	619.77	0.03	193.3	0.1145
619.80	0.02	197.4	0.047	619.80	0.025	193.1	0.1145
619.85	0.018	197.3	0.0444	619.83	0.024	193.1	0.1101
619.88	0.017	197.2	0.0444	619.87	0.024	193	0.1056
619.90	0.015	197.2	0.0417	619.90	0.022	192.7	0.1003
619.93	0.015	197.1	0.0382	619.93	0.017	192.4	0.0932
619.97	0.013	196.9	0.0337	619.97	0.015	192.2	0.0879
620.00	0.01	196.7	0.0302	620.00	0.013	191.8	0.0817
620.03	0.009	196.5	0.0275	620.05	0.007	191.4	0.0728
620.07	0.007	196.3	0.0231	620.08	0.007	191.2	0.0692
620.10	0.004	196	0.0231	620.10	0.005	190.8	0.063
620.13	0.002	195.8	0.0186	620.13	-0.001	190.4	0.063
620.17	0.002	195.8	0.0151	620.17	-0.002	190.4	0.0533
620.20	0.001	195.6	0.0115	620.20	-0.002	190	0.0479
620.23	-0.002	195.2	0.0071	620.23	-0.004	189.5	0.0399
620.27	-0.004	195	0.0044	620.27	-0.01	189.1	0.032
620.30	-0.005	194.8	0	620.30	-0.011	188.7	0.0249
620.33	-0.008	194.4	0	620.33	-0.013	188.2	0.0178
620.37	-0.009	194.2	-0.0036	620.37	-0.018	187.7	0.0178
620.40	-0.009	194.2	-0.0071	620.40	-0.019	187.7	0.0107
620.43	-0.01	194	-0.0098	620.43	-0.019	187.4	0.0062
620.47	-0.012	193.7	-0.0124	620.47	-0.02	186.9	0.0009
620.50	-0.013	193.5	-0.0142	620.50	-0.024	186.4	-0.0044
620.53	-0.014	193.3	-0.0169	620.53	-0.024	186.1	-0.008
620.57	-0.015	193	-0.0169	620.57	-0.025	185.8	-0.0107
620.60	-0.016	192.9	-0.0186	620.60	-0.027	185.4	-0.0107
620.63	-0.016	192.9	-0.0195	620.63	-0.028	185.4	-0.0151
620.67	-0.017	192.7	-0.0213	620.67	-0.028	185.2	-0.0169
620.70	-0.017	192.6	-0.0213	620.70	-0.028	184.9	-0.0186
620.73	-0.017	192.4	-0.0222	620.73	-0.029	184.7	-0.0195
620.77	-0.017	192.3	-0.0222	620.77	-0.029	184.5	-0.0204
620.80	-0.017	192.2	-0.0222	620.80	-0.029	184.4	-0.0204
620.83	-0.017	192.1	-0.0222	620.83	-0.028	184.3	-0.0204
620.87	-0.016	192.1	-0.0222	620.87	-0.027	184.3	-0.0195
620.90	-0.016	192.1	-0.0222	620.90	-0.027	184.2	-0.0186
620.93	-0.016	192	-0.0204	620.93	-0.026	184.1	-0.0178
620.97	-0.014	192	-0.0195	620.97	-0.024	184.2	-0.016
621.00	-0.013	192	-0.0178	621.00	-0.024	184.2	-0.0133
621.03	-0.013	192.1	-0.016	621.03	-0.022	184.3	-0.0107
621.07	-0.01	192.2	-0.016	621.07	-0.018	184.4	-0.0107
621.10	-0.01	192.2	-0.0142	621.10	-0.017	184.4	-0.0071
621.13	-0.01	192.2	-0.0124	621.13	-0.017	184.5	-0.0036
621.17	-0.008	192.4	-0.0098	621.17	-0.015	184.7	0.0018
621.20	-0.005	192.5	-0.0062	621.20	-0.011	185	0.0071
621.23	-0.004	192.6	-0.0036	621.23	-0.009	185.2	0.0115
621.28	-0.002	192.8	0	621.27	-0.007	185.5	0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
621.32	0	192.9	0.0018	621.30	-0.001	185.9	0.0178
621.35	0.001	193	0.0053	621.33	0	185.9	0.0257
621.37	0.002	193.3	0.0089	621.37	0	186.2	0.032
621.40	0.007	193.5	0.0089	621.40	0.002	186.5	0.0391
621.43	0.007	193.5	0.0133	621.43	0.007	187.1	0.0479
621.47	0.007	193.7	0.016	621.47	0.011	187.4	0.055
621.50	0.009	193.9	0.0204	621.52	0.012	187.7	0.0621
621.53	0.013	194.2	0.0249	621.55	0.015	188.1	0.0657
621.57	0.013	194.4	0.0284	621.57	0.017	188.5	0.0719
621.60	0.015	194.7	0.0328	621.60	0.019	188.9	0.0808
621.63	0.018	195	0.0328	621.63	0.024	189.4	0.0808
621.67	0.019	195.2	0.0364	621.67	0.026	189.8	0.0897
621.70	0.019	195.2	0.0399	621.70	0.026	189.8	0.095
621.73	0.02	195.4	0.0426	621.73	0.028	190.2	0.1012
621.77	0.023	195.7	0.0462	621.77	0.031	190.6	0.1074
621.80	0.024	196	0.0479	621.80	0.033	191	0.1118
621.83	0.025	196.1	0.0506	621.83	0.034	191.3	0.1154
621.87	0.026	196.4	0.0506	621.87	0.036	191.7	0.1154
621.90	0.027	196.6	0.0533	621.90	0.038	192	0.1198
621.93	0.027	196.6	0.0541	621.93	0.038	192	0.1225
621.97	0.027	196.8	0.0559	621.97	0.038	192.2	0.1252
622.00	0.028	196.9	0.0568	622.00	0.039	192.6	0.1269
622.03	0.029	197.1	0.0577	622.03	0.04	192.8	0.1287
622.07	0.029	197.2	0.0577	622.07	0.04	193	0.1296
622.10	0.029	197.3	0.0586	622.10	0.04	193.2	0.1296
622.13	0.029	197.4	0.0586	622.13	0.04	193.3	0.1305
622.17	0.029	197.4	0.0586	622.17	0.04	193.3	0.1305
622.20	0.029	197.5	0.0586	622.20	0.04	193.4	0.1305
622.23	0.028	197.6	0.0568	622.23	0.039	193.5	0.1296
622.27	0.026	197.6	0.0559	622.27	0.038	193.6	0.1278
622.30	0.026	197.6	0.055	622.30	0.036	193.6	0.1252
622.33	0.025	197.6	0.0533	622.33	0.034	193.5	0.1252
622.37	0.023	197.5	0.0533	622.37	0.031	193.5	0.1225
622.40	0.022	197.5	0.0515	622.40	0.031	193.5	0.1198
622.43	0.022	197.5	0.0497	622.43	0.031	193.4	0.1163
622.47	0.021	197.4	0.047	622.47	0.028	193.2	0.1136
622.50	0.018	197.3	0.0444	622.50	0.025	193	0.1083
622.53	0.017	197.2	0.0417	622.53	0.023	192.9	0.103
622.57	0.016	197.1	0.0391	622.57	0.019	192.6	0.103
622.60	0.012	196.9	0.0391	622.60	0.016	192.3	0.0968
622.63	0.011	196.9	0.0355	622.63	0.016	192.3	0.0914
622.67	0.011	196.8	0.0328	622.67	0.015	192.1	0.0852
622.70	0.01	196.5	0.0284	622.70	0.01	191.6	0.0763
622.75	0.006	196.3	0.0231	622.73	0.006	191.2	0.0692
622.78	0.006	196.2	0.0222	622.77	0.005	190.9	0.063
622.80	0.004	196	0.0178	622.80	0.001	190.4	0.063
622.83	0.001	195.7	0.0142	622.83	-0.003	190	0.055
622.87	0	195.5	0.0107	622.87	-0.003	190	0.047
622.90	-0.002	195.2	0.0062	622.90	-0.005	189.7	0.0408
622.93	-0.005	194.9	0.0062	622.95	-0.01	188.8	0.0328
622.97	-0.006	194.9	0.0027	622.98	-0.01	188.8	0.0284
623.00	-0.006	194.7	0	623.02	-0.012	188.4	0.0204
623.03	-0.007	194.4	-0.0044	623.03	-0.015	187.9	0.0133
623.07	-0.01	194.1	-0.008	623.07	-0.018	187.5	0.008
623.10	-0.011	193.9	-0.0107	623.10	-0.019	187.1	0.0027
623.13	-0.012	193.7	-0.0124	623.13	-0.022	186.6	-0.0027
623.17	-0.014	193.4	-0.0124	623.17	-0.024	186.2	-0.0027
623.20	-0.015	193.2	-0.0151	623.20	-0.025	186.2	-0.0071
623.23	-0.015	193.2	-0.0178	623.23	-0.025	185.9	-0.0107
623.27	-0.015	193	-0.0186	623.27	-0.026	185.6	-0.0133
623.30	-0.016	192.8	-0.0204	623.30	-0.028	185.3	-0.016
623.33	-0.017	192.6	-0.0213	623.33	-0.028	185	-0.0169
623.37	-0.017	192.5	-0.0222	623.37	-0.028	184.8	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
623.40	-0.017	192.4	-0.0222	623.40	-0.029	184.6	-0.0195
623.43	-0.017	192.2	-0.0222	623.43	-0.029	184.6	-0.0204
623.47	-0.017	192.2	-0.0222	623.47	-0.029	184.4	-0.0204
623.50	-0.017	192.2	-0.0222	623.50	-0.028	184.3	-0.0204
623.53	-0.017	192.1	-0.0222	623.53	-0.027	184.2	-0.0195
623.57	-0.016	192.1	-0.0213	623.57	-0.027	184.1	-0.0186
623.60	-0.015	192	-0.0204	623.60	-0.026	184.2	-0.0169
623.63	-0.014	192.1	-0.0204	623.63	-0.023	184.2	-0.0169
623.67	-0.013	192.1	-0.0186	623.67	-0.022	184.2	-0.0142
623.70	-0.013	192.1	-0.0178	623.70	-0.022	184.2	-0.0124
623.73	-0.012	192.1	-0.016	623.73	-0.021	184.3	-0.0089
623.77	-0.01	192.2	-0.0133	623.77	-0.017	184.5	-0.0053
623.80	-0.008	192.3	-0.0115	623.80	-0.016	184.6	-0.0018
623.83	-0.007	192.4	-0.008	623.83	-0.014	184.9	0.0036
623.87	-0.005	192.5	-0.008	623.87	-0.009	185.1	0.0036
623.90	-0.003	192.7	-0.0053	623.90	-0.008	185.1	0.0089
623.93	-0.003	192.7	-0.0018	623.93	-0.008	185.3	0.0142
623.97	-0.002	192.8	0.0009	623.97	-0.005	185.7	0.0213
624.00	0.001	193	0.0044	624.00	0	186.1	0.0302
624.03	0.003	193.2	0.008	624.03	0.001	186.3	0.0364
624.07	0.004	193.4	0.0124	624.07	0.004	186.8	0.0435
624.10	0.007	193.7	0.0169	624.10	0.01	187.2	0.0435
624.13	0.01	193.9	0.0169	624.13	0.011	187.2	0.0515
624.17	0.01	193.9	0.0204	624.17	0.011	187.5	0.0577
624.22	0.012	194.4	0.0257	624.20	0.013	188	0.0648
624.25	0.015	194.6	0.0257	624.23	0.019	188.5	0.0737
624.27	0.016	194.6	0.0302	624.27	0.02	188.8	0.079
624.30	0.016	194.8	0.0337	624.30	0.022	189.3	0.0861
624.33	0.018	195.1	0.0373	624.33	0.027	189.7	0.0861
624.37	0.02	195.3	0.0408	624.37	0.028	189.7	0.0941
624.40	0.021	195.6	0.0435	624.42	0.03	190.4	0.1039
624.43	0.022	195.8	0.0462	624.45	0.031	190.8	0.1039
624.47	0.025	196.1	0.0462	624.47	0.033	190.8	0.1074
624.50	0.025	196.1	0.0488	624.50	0.033	191.2	0.1127
624.53	0.025	196.2	0.0506	624.53	0.035	191.5	0.1181
624.57	0.026	196.5	0.0533	624.57	0.037	191.8	0.1216
624.60	0.027	196.7	0.055	624.60	0.038	192.1	0.1243
624.63	0.028	196.8	0.0559	624.63	0.039	192.4	0.126
624.67	0.028	197	0.0568	624.67	0.04	192.7	0.126
624.70	0.029	197.1	0.0568	624.70	0.04	192.7	0.1287
624.73	0.029	197.1	0.0577	624.73	0.04	192.9	0.1296
624.77	0.029	197.2	0.0577	624.77	0.04	193.1	0.1305
624.80	0.029	197.4	0.0586	624.80	0.04	193.2	0.1305
624.83	0.029	197.5	0.0586	624.83	0.04	193.4	0.1314
624.87	0.028	197.5	0.0577	624.87	0.04	193.5	0.1305
624.90	0.028	197.6	0.0568	624.90	0.038	193.6	0.1305
624.93	0.026	197.6	0.0568	624.93	0.037	193.6	0.1287
624.97	0.026	197.6	0.0559	624.97	0.037	193.6	0.1278
625.00	0.026	197.6	0.055	625.00	0.037	193.6	0.126
625.03	0.025	197.6	0.0524	625.03	0.033	193.4	0.1225
625.07	0.023	197.5	0.0506	625.07	0.031	193.4	0.1181
625.10	0.021	197.5	0.0488	625.10	0.029	193.4	0.1145
625.13	0.02	197.4	0.0462	625.13	0.026	193.1	0.1145
625.17	0.018	197.3	0.0462	625.17	0.024	193	0.1101
625.20	0.016	197.2	0.0435	625.20	0.024	193	0.1065
625.23	0.016	197.2	0.0408	625.23	0.022	192.8	0.1012
625.27	0.015	197	0.0382	625.27	0.017	192.4	0.095
625.30	0.012	196.8	0.0337	625.30	0.015	192.2	0.0888
625.33	0.01	196.7	0.0311	625.33	0.013	191.9	0.0817
625.37	0.009	196.5	0.0257	625.37	0.008	191.4	0.0817
625.40	0.006	196.2	0.0257	625.40	0.005	191.1	0.0737
625.43	0.004	196	0.0222	625.43	0.005	191.1	0.0675
625.47	0.004	196	0.0186	625.47	0.003	190.8	0.0595

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
625.50	0.002	195.8	0.0142	625.50	-0.001	190.3	0.0506
625.53	0	195.5	0.0107	625.53	-0.004	189.9	0.0444
625.57	-0.002	195.2	0.0071	625.57	-0.006	189.5	0.0373
625.60	-0.004	195	0.0036	625.60	-0.01	188.9	0.0373
625.65	-0.006	194.6	0	625.63	-0.013	188.5	0.0293
625.68	-0.007	194.5	-0.0027	625.67	-0.013	188.5	0.0222
625.70	-0.008	194.3	-0.0053	625.70	-0.014	188.2	0.0151
625.73	-0.01	193.9	-0.0089	625.73	-0.017	187.6	0.0089
625.77	-0.012	193.7	-0.0089	625.77	-0.02	187.2	0.0036
625.80	-0.012	193.7	-0.0115	625.80	-0.021	186.8	-0.0009
625.83	-0.013	193.5	-0.0142	625.85	-0.023	186.3	-0.0062
625.87	-0.014	193.3	-0.016	625.88	-0.025	186	-0.0089
625.90	-0.016	193.1	-0.0178	625.92	-0.025	185.8	-0.0115
625.93	-0.016	192.9	-0.0195	625.93	-0.026	185.4	-0.0142
625.97	-0.016	192.7	-0.0204	625.97	-0.028	185.2	-0.0142
626.00	-0.017	192.5	-0.0204	626.00	-0.029	185.2	-0.0178
626.03	-0.017	192.5	-0.0213	626.03	-0.029	184.9	-0.0186
626.07	-0.017	192.4	-0.0222	626.07	-0.029	184.7	-0.0195
626.10	-0.017	192.3	-0.0222	626.10	-0.029	184.5	-0.0195
626.13	-0.017	192.2	-0.0222	626.13	-0.028	184.4	-0.0204
626.17	-0.017	192.1	-0.0222	626.17	-0.028	184.2	-0.0204
626.20	-0.017	192	-0.0222	626.20	-0.027	184.2	-0.0204
626.23	-0.015	192	-0.0222	626.23	-0.026	184.2	-0.0195
626.27	-0.015	192	-0.0204	626.27	-0.026	184.1	-0.0178
626.30	-0.015	192	-0.0195	626.30	-0.025	184.2	-0.016
626.33	-0.014	192	-0.0186	626.33	-0.023	184.2	-0.0133
626.37	-0.012	192	-0.0169	626.37	-0.022	184.2	-0.0107
626.40	-0.011	192.1	-0.0151	626.40	-0.02	184.4	-0.008
626.43	-0.01	192.2	-0.0133	626.43	-0.016	184.5	-0.008
626.47	-0.007	192.3	-0.0133	626.47	-0.015	184.5	-0.0036
626.50	-0.007	192.3	-0.0098	626.50	-0.015	184.7	0
626.53	-0.007	192.4	-0.0071	626.53	-0.012	185	0.0062
626.57	-0.005	192.6	-0.0044	626.57	-0.008	185.2	0.0115
626.60	-0.002	192.8	-0.0009	626.60	-0.007	185.4	0.0169
626.63	0	192.9	0.0027	626.63	-0.004	185.8	0.0231
626.67	0.001	193.1	0.0062	626.67	0.001	186.2	0.0231
626.70	0.004	193.3	0.0062	626.70	0.002	186.2	0.0328
626.73	0.005	193.3	0.0098	626.73	0.002	186.5	0.0382
626.77	0.005	193.5	0.0133	626.77	0.005	187.1	0.0462
626.80	0.007	193.7	0.0178	626.80	0.011	187.5	0.055
626.83	0.011	194	0.0213	626.83	0.012	187.8	0.0604
626.87	0.012	194.2	0.0249	626.87	0.015	188.2	0.0683
626.90	0.014	194.4	0.0302	626.90	0.02	188.7	0.0683
626.93	0.017	194.7	0.0302	626.93	0.021	188.7	0.0772
626.97	0.018	194.7	0.0337	626.97	0.021	189	0.0826
627.00	0.018	194.9	0.0364	627.00	0.024	189.5	0.0905
627.03	0.019	195.2	0.0399	627.03	0.028	189.9	0.0985
627.07	0.021	195.5	0.0426	627.07	0.029	190.2	0.103
627.12	0.023	195.7	0.0462	627.10	0.03	190.7	0.1065
627.15	0.023	195.9	0.0479	627.13	0.034	191.1	0.1065
627.17	0.025	196.1	0.0497	627.17	0.035	191.1	0.1127
627.20	0.026	196.3	0.0524	627.20	0.035	191.4	0.1172
627.23	0.026	196.5	0.0541	627.23	0.036	191.7	0.1216
627.27	0.027	196.7	0.0541	627.27	0.039	192	0.1243
627.30	0.028	196.9	0.055	627.32	0.039	192.3	0.1269
627.33	0.028	196.9	0.0568	627.35	0.039	192.5	0.1278
627.37	0.028	197	0.0568	627.37	0.04	192.8	0.1296
627.40	0.029	197.2	0.0577	627.40	0.04	193	0.1305
627.43	0.029	197.3	0.0577	627.43	0.04	193.2	0.1314
627.47	0.029	197.4	0.0586	627.47	0.04	193.3	0.1314
627.50	0.029	197.5	0.0586	627.50	0.04	193.3	0.1305
627.53	0.028	197.5	0.0586	627.53	0.04	193.5	0.1305
627.57	0.027	197.5	0.0577	627.57	0.039	193.6	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
627.60	0.027	197.6	0.0568	627.60	0.037	193.6	0.1278
627.63	0.026	197.6	0.055	627.63	0.036	193.6	0.126
627.67	0.025	197.6	0.0541	627.67	0.035	193.6	0.1243
627.70	0.024	197.6	0.0524	627.70	0.032	193.5	0.1243
627.73	0.023	197.5	0.0497	627.73	0.03	193.5	0.1207
627.77	0.02	197.4	0.0497	627.77	0.03	193.4	0.1172
627.80	0.02	197.4	0.0479	627.80	0.028	193.3	0.1127
627.83	0.02	197.4	0.0453	627.83	0.024	193.1	0.1083
627.87	0.018	197.2	0.0426	627.87	0.023	192.9	0.1039
627.90	0.015	197.1	0.0391	627.90	0.021	192.7	0.0976
627.93	0.014	197	0.0364	627.93	0.016	192.3	0.0976
627.97	0.012	196.7	0.0328	627.97	0.014	192.3	0.0914
628.00	0.009	196.5	0.0328	628.00	0.014	192.1	0.0861
628.03	0.008	196.5	0.0293	628.03	0.012	191.7	0.0781
628.07	0.008	196.4	0.0249	628.07	0.006	191.3	0.0692
628.10	0.006	196.1	0.0213	628.10	0.005	191	0.0639
628.13	0.003	195.9	0.0178	628.13	0.002	190.5	0.0559
628.17	0.001	195.7	0.0142	628.17	-0.003	190.1	0.0559
628.20	0	195.4	0.0107	628.20	-0.005	190.1	0.047
628.23	-0.004	195.1	0.0107	628.23	-0.005	189.7	0.0408
628.27	-0.005	195.1	0.0053	628.27	-0.007	189.3	0.0337
628.30	-0.005	194.9	0.0027	628.30	-0.012	188.7	0.0249
628.33	-0.006	194.6	-0.0018	628.33	-0.013	188.4	0.0186
628.37	-0.009	194.3	-0.0053	628.37	-0.015	187.9	0.0124
628.40	-0.01	194.1	-0.008	628.40	-0.019	187.4	0.0124
628.43	-0.011	193.8	-0.0107	628.43	-0.02	187.4	0.0053
628.47	-0.013	193.6	-0.0107	628.47	-0.02	187.1	0.0009
628.50	-0.014	193.6	-0.0133	628.50	-0.022	186.6	-0.0036
628.55	-0.015	193.2	-0.0169	628.53	-0.025	186.2	-0.0089
628.58	-0.015	193	-0.0169	628.57	-0.026	185.9	-0.0124
628.62	-0.016	193	-0.0186	628.60	-0.027	185.6	-0.0151
628.63	-0.016	192.8	-0.0195	628.63	-0.028	185.2	-0.0151
628.67	-0.016	192.6	-0.0213	628.67	-0.028	185.2	-0.0178
628.70	-0.017	192.5	-0.0222	628.70	-0.028	185	-0.0195
628.73	-0.017	192.3	-0.0222	628.73	-0.028	184.8	-0.0195
628.77	-0.017	192.2	-0.0222	628.78	-0.029	184.4	-0.0204
628.80	-0.017	192.2	-0.0222	628.82	-0.029	184.4	-0.0213
628.83	-0.017	192.2	-0.0222	628.83	-0.029	184.3	-0.0213
628.87	-0.017	192.1	-0.0222	628.87	-0.028	184.2	-0.0204
628.90	-0.016	192	-0.0213	628.90	-0.027	184.1	-0.0195
628.93	-0.015	192	-0.0204	628.93	-0.026	184.1	-0.0178
628.97	-0.014	192	-0.0195	628.97	-0.024	184.2	-0.0178
629.00	-0.014	192	-0.0178	629.00	-0.022	184.2	-0.016
629.03	-0.012	192.1	-0.0178	629.03	-0.022	184.2	-0.0133
629.07	-0.011	192.1	-0.016	629.07	-0.021	184.3	-0.0098
629.10	-0.011	192.1	-0.0142	629.10	-0.017	184.5	-0.0062
629.13	-0.01	192.2	-0.0115	629.13	-0.016	184.6	-0.0036
629.17	-0.007	192.3	-0.0089	629.17	-0.014	184.8	0.0027
629.20	-0.005	192.4	-0.0062	629.20	-0.01	185.1	0.0027
629.23	-0.004	192.5	-0.0036	629.23	-0.007	185.3	0.008
629.27	-0.001	192.8	-0.0036	629.27	-0.007	185.3	0.0133
629.30	0	192.9	0	629.30	-0.005	185.6	0.0204
629.33	0	192.9	0.0036	629.33	0	186	0.0293
629.37	0.002	193.1	0.0071	629.37	0.002	186.3	0.0346
629.40	0.005	193.4	0.0115	629.40	0.004	186.6	0.0417
629.43	0.007	193.6	0.0142	629.43	0.009	187.2	0.0417
629.47	0.008	193.8	0.0186	629.47	0.011	187.6	0.0506
629.50	0.012	194.1	0.0186	629.50	0.011	187.6	0.0568
629.53	0.013	194.3	0.0231	629.53	0.013	187.9	0.0648
629.57	0.013	194.3	0.0275	629.57	0.018	188.4	0.0728
629.60	0.014	194.5	0.0311	629.60	0.021	188.8	0.0799
629.63	0.017	194.8	0.0346	629.63	0.022	189.2	0.0861
629.67	0.018	195	0.0382	629.67	0.026	189.7	0.0861

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
629.70	0.02	195.3	0.0417	629.70	0.029	190.1	0.0932
629.73	0.022	195.6	0.0417	629.73	0.029	190.1	0.0994
629.77	0.023	195.8	0.0453	629.77	0.03	190.4	0.1047
629.80	0.023	195.8	0.047	629.80	0.033	190.9	0.1101
629.83	0.024	196	0.0497	629.83	0.035	191.2	0.1145
629.87	0.026	196.3	0.0515	629.87	0.035	191.5	0.1189
629.90	0.027	196.5	0.0533	629.90	0.037	191.9	0.1189
629.93	0.027	196.6	0.055	629.93	0.039	192.2	0.1225
629.97	0.028	196.8	0.055	629.97	0.039	192.2	0.1252
630.02	0.029	196.9	0.0568	630.00	0.039	192.4	0.1269
630.05	0.029	197.1	0.0577	630.03	0.04	192.7	0.1278
630.07	0.029	197.2	0.0577	630.07	0.04	192.9	0.1296
630.10	0.029	197.3	0.0577	630.10	0.04	193.1	0.1305
630.13	0.029	197.3	0.0577	630.13	0.04	193.2	0.1305
630.17	0.029	197.4	0.0577	630.17	0.04	193.4	0.1305
630.20	0.028	197.5	0.0577	630.22	0.04	193.5	0.1305
630.23	0.028	197.6	0.0577	630.25	0.039	193.6	0.1287
630.27	0.027	197.6	0.0559	630.27	0.037	193.6	0.1287
630.30	0.026	197.6	0.0541	630.30	0.035	193.6	0.1269
630.33	0.024	197.6	0.0541	630.33	0.035	193.6	0.1252
630.37	0.024	197.6	0.0533	630.37	0.034	193.5	0.1225
630.40	0.024	197.5	0.0515	630.40	0.031	193.4	0.1189
630.43	0.022	197.5	0.0488	630.43	0.03	193.4	0.1154
630.47	0.019	197.4	0.0462	630.47	0.027	193.2	0.111
630.50	0.019	197.3	0.0444	630.50	0.023	193	0.111
630.53	0.017	197.1	0.0408	630.53	0.022	193	0.1056
630.57	0.014	197	0.0408	630.57	0.022	192.8	0.1012
630.60	0.013	197	0.0382	630.60	0.02	192.5	0.095
630.63	0.013	196.9	0.0355	630.63	0.014	192.2	0.0879
630.67	0.012	196.6	0.032	630.67	0.013	191.9	0.0826
630.70	0.008	196.4	0.0275	630.70	0.01	191.5	0.0746
630.73	0.007	196.3	0.0231	630.73	0.004	191.1	0.0746
630.77	0.005	196	0.0195	630.77	0.004	191.1	0.0666
630.80	0.002	195.8	0.0195	630.80	0.004	190.8	0.0604
630.83	0.001	195.8	0.0151	630.83	0.001	190.3	0.0524
630.87	0.001	195.6	0.0115	630.87	-0.005	189.8	0.0435
630.90	-0.001	195.2	0.008	630.90	-0.006	189.5	0.0373
630.93	-0.004	195	0.0044	630.93	-0.008	189	0.0293
630.97	-0.005	194.7	0.0009	630.97	-0.013	188.5	0.0293
631.00	-0.007	194.5	-0.0036	631.00	-0.014	188.5	0.0213
631.03	-0.01	194.2	-0.0036	631.03	-0.014	188.1	0.016
631.07	-0.01	194.2	-0.0071	631.07	-0.016	187.7	0.0089
631.10	-0.01	194	-0.0089	631.10	-0.02	187.2	0.0027
631.13	-0.011	193.7	-0.0115	631.13	-0.021	186.8	-0.0009
631.17	-0.014	193.5	-0.0151	631.17	-0.023	186.4	-0.0062
631.20	-0.014	193.3	-0.016	631.20	-0.025	186	-0.0062
631.23	-0.015	193.1	-0.0186	631.23	-0.026	186	-0.0107
631.27	-0.016	192.8	-0.0186	631.27	-0.026	185.7	-0.0133
631.30	-0.017	192.8	-0.0204	631.30	-0.027	185.4	-0.016
631.33	-0.017	192.7	-0.0213	631.33	-0.028	185.1	-0.0178
631.37	-0.017	192.5	-0.0213	631.37	-0.028	184.9	-0.0195
631.40	-0.017	192.4	-0.0222	631.40	-0.029	184.7	-0.0204
631.45	-0.017	192.3	-0.0222	631.43	-0.029	184.5	-0.0204
631.48	-0.017	192.2	-0.0222	631.47	-0.029	184.5	-0.0204
631.52	-0.017	192.1	-0.0222	631.50	-0.029	184.3	-0.0213
631.53	-0.016	192	-0.0222	631.53	-0.028	184.2	-0.0204
631.57	-0.016	192	-0.0213	631.57	-0.027	184.2	-0.0195
631.60	-0.015	192	-0.0213	631.60	-0.026	184.2	-0.0178
631.63	-0.014	192	-0.0204	631.63	-0.025	184.1	-0.0151
631.67	-0.014	192	-0.0195	631.68	-0.022	184.2	-0.0133
631.70	-0.013	192	-0.0169	631.72	-0.022	184.2	-0.0124
631.73	-0.011	192.1	-0.0151	631.73	-0.02	184.3	-0.008
631.77	-0.01	192.1	-0.0133	631.77	-0.016	184.5	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
631.80	-0.009	192.2	-0.0107	631.80	-0.014	184.7	-0.0036
631.83	-0.006	192.4	-0.0107	631.83	-0.014	184.7	0
631.87	-0.005	192.5	-0.008	631.87	-0.013	184.8	0.0044
631.90	-0.005	192.5	-0.0053	631.90	-0.008	185.2	0.0098
631.93	-0.003	192.6	-0.0018	631.93	-0.006	185.4	0.0151
631.97	-0.001	192.8	0.0009	631.97	-0.004	185.7	0.0222
632.00	0.001	193	0.0044	632.00	0.001	186.1	0.0222
632.03	0.003	193.2	0.0089	632.03	0.003	186.4	0.032
632.07	0.006	193.5	0.0089	632.07	0.003	186.4	0.0373
632.10	0.008	193.7	0.0133	632.10	0.005	186.8	0.0453
632.13	0.008	193.7	0.0169	632.13	0.011	187.4	0.0541
632.17	0.009	193.9	0.0204	632.17	0.012	187.7	0.0604
632.20	0.012	194.2	0.024	632.20	0.015	188.1	0.0683
632.23	0.014	194.4	0.0293	632.23	0.019	188.6	0.0683
632.27	0.015	194.6	0.0328	632.27	0.022	189	0.0763
632.30	0.017	194.9	0.0328	632.30	0.022	189	0.0826
632.33	0.02	195.1	0.0364	632.33	0.023	189.4	0.0897
632.37	0.02	195.1	0.0399	632.37	0.027	189.8	0.0959
632.40	0.02	195.4	0.0426	632.40	0.029	190.2	0.1012
632.43	0.022	195.7	0.0462	632.43	0.031	190.6	0.1074
632.47	0.024	195.9	0.0488	632.47	0.033	191	0.1074
632.50	0.025	196.1	0.0515	632.50	0.036	191.4	0.1127
632.53	0.026	196.3	0.0533	632.53	0.036	191.4	0.1172
632.57	0.027	196.5	0.0533	632.57	0.036	191.7	0.1207
632.60	0.027	196.5	0.0541	632.60	0.038	192	0.1234
632.63	0.027	196.7	0.0559	632.63	0.039	192.3	0.126
632.67	0.028	196.9	0.0568	632.67	0.04	192.5	0.1278
632.70	0.029	197	0.0577	632.70	0.04	192.8	0.1296
632.73	0.029	197.1	0.0586	632.73	0.04	193	0.1296
632.77	0.029	197.3	0.0586	632.77	0.04	193	0.1305
632.80	0.029	197.4	0.0586	632.80	0.04	193.1	0.1305
632.83	0.029	197.4	0.0586	632.83	0.04	193.3	0.1305
632.87	0.028	197.5	0.0577	632.87	0.04	193.4	0.1305
632.92	0.027	197.6	0.0568	632.90	0.039	193.5	0.1287
632.95	0.026	197.6	0.0568	632.93	0.038	193.5	0.1269
632.97	0.026	197.6	0.0559	632.97	0.035	193.5	0.1269
633.00	0.026	197.6	0.0541	633.00	0.034	193.5	0.1243
633.03	0.024	197.5	0.0524	633.03	0.034	193.5	0.1225
633.07	0.023	197.5	0.0506	633.07	0.032	193.4	0.1189
633.10	0.022	197.4	0.0479	633.12	0.029	193.3	0.1154
633.13	0.019	197.3	0.0479	633.15	0.029	193.2	0.1127
633.17	0.018	197.3	0.0453	633.18	0.026	193	0.1083
633.20	0.018	197.3	0.0435	633.20	0.022	192.8	0.103
633.23	0.016	197.1	0.0399	633.23	0.021	192.6	0.0985
633.27	0.013	196.9	0.0364	633.27	0.018	192.3	0.0914
633.30	0.012	196.8	0.0337	633.30	0.013	192	0.0914
633.33	0.01	196.6	0.0302	633.33	0.012	192	0.0852
633.37	0.007	196.4	0.0302	633.37	0.012	191.7	0.079
633.40	0.006	196.4	0.0257	633.40	0.009	191.3	0.071
633.43	0.006	196.2	0.0222	633.43	0.003	190.9	0.0621
633.47	0.004	195.9	0.0178	633.47	0.002	190.6	0.0568
633.50	0.001	195.7	0.0142	633.50	-0.001	190.1	0.0488
633.53	0	195.4	0.0107	633.53	-0.006	189.6	0.0488
633.57	-0.002	195.1	0.0062	633.57	-0.007	189.6	0.0408
633.60	-0.005	194.8	0.0062	633.60	-0.007	189.3	0.0346
633.63	-0.006	194.8	0.0018	633.63	-0.009	188.7	0.0275
633.67	-0.006	194.6	-0.0009	633.67	-0.014	188.3	0.0186
633.70	-0.007	194.3	-0.0044	633.70	-0.015	187.9	0.0133
633.73	-0.011	194	-0.008	633.73	-0.017	187.4	0.0062
633.77	-0.011	193.8	-0.0098	633.77	-0.022	187	0.0062
633.80	-0.012	193.6	-0.0124	633.80	-0.022	187	0
633.83	-0.014	193.3	-0.0124	633.83	-0.022	186.6	-0.0036
633.87	-0.015	193.3	-0.0151	633.87	-0.023	186.2	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
633.90	-0.015	193.2	-0.0169	633.90	-0.026	185.8	-0.0124
633.93	-0.015	193	-0.0186	633.93	-0.027	185.5	-0.0142
633.97	-0.016	192.7	-0.0204	633.97	-0.027	185.3	-0.0169
634.00	-0.017	192.6	-0.0213	634.00	-0.028	185	-0.0169
634.03	-0.017	192.5	-0.0213	634.03	-0.029	185	-0.0186
634.07	-0.017	192.3	-0.0213	634.07	-0.029	184.8	-0.0195
634.10	-0.017	192.3	-0.0222	634.10	-0.029	184.6	-0.0204
634.13	-0.017	192.2	-0.0222	634.13	-0.028	184.4	-0.0213
634.17	-0.017	192.1	-0.0222	634.17	-0.028	184.3	-0.0213
634.20	-0.016	192.1	-0.0213	634.20	-0.028	184.2	-0.0195
634.23	-0.016	192	-0.0213	634.23	-0.026	184.2	-0.0195
634.27	-0.015	192	-0.0204	634.27	-0.025	184.1	-0.0186
634.30	-0.014	192	-0.0204	634.30	-0.025	184.1	-0.0169
634.33	-0.013	192	-0.0186	634.33	-0.024	184.2	-0.0142
634.38	-0.012	192	-0.0169	634.37	-0.022	184.3	-0.0115
634.42	-0.011	192.1	-0.0169	634.40	-0.019	184.4	-0.0089
634.43	-0.01	192.1	-0.0151	634.43	-0.018	184.4	-0.0053
634.47	-0.01	192.1	-0.0124	634.47	-0.015	184.7	-0.0053
634.50	-0.008	192.3	-0.0098	634.50	-0.012	184.9	-0.0009
634.53	-0.005	192.4	-0.0062	634.53	-0.012	184.9	0.0036
634.57	-0.004	192.5	-0.0044	634.58	-0.008	185.3	0.0098
634.60	-0.003	192.7	0	634.62	-0.005	185.6	0.0124
634.63	0.001	192.9	0	634.63	-0.005	185.6	0.0178
634.67	0.002	192.9	0.0036	634.67	-0.003	185.8	0.0257
634.70	0.002	193	0.0062	634.70	0.001	186.3	0.0346
634.73	0.003	193.3	0.0107	634.73	0.005	186.7	0.0417
634.77	0.007	193.5	0.0151	634.77	0.007	187	0.0488
634.80	0.008	193.7	0.0186	634.80	0.01	187.6	0.0568
634.83	0.01	194	0.0222	634.83	0.015	187.9	0.0568
634.87	0.013	194.3	0.0222	634.87	0.015	187.9	0.0639
634.90	0.014	194.3	0.0257	634.90	0.016	188.3	0.0701
634.93	0.014	194.5	0.0302	634.93	0.019	188.8	0.079
634.97	0.016	194.7	0.0346	634.97	0.023	189.2	0.0852
635.00	0.02	195	0.0391	635.00	0.025	189.6	0.0914
635.03	0.02	195.2	0.0408	635.03	0.027	190	0.0985
635.07	0.021	195.5	0.0435	635.07	0.031	190.4	0.0985
635.10	0.023	195.8	0.0435	635.10	0.031	190.4	0.1039
635.13	0.024	195.8	0.047	635.13	0.031	190.8	0.1083
635.17	0.024	196	0.0488	635.17	0.034	191.2	0.1154
635.20	0.025	196.2	0.0515	635.20	0.037	191.5	0.1198
635.23	0.027	196.4	0.0533	635.23	0.037	191.8	0.1216
635.27	0.027	196.6	0.055	635.27	0.038	192.1	0.1252
635.30	0.028	196.7	0.0568	635.30	0.039	192.4	0.1252
635.33	0.029	196.9	0.0568	635.33	0.04	192.4	0.1269
635.37	0.029	196.9	0.0577	635.37	0.04	192.6	0.1278
635.40	0.029	197	0.0577	635.40	0.04	192.8	0.1287
635.43	0.029	197.2	0.0577	635.43	0.04	193	0.1305
635.47	0.028	197.3	0.0577	635.47	0.04	193.2	0.1305
635.50	0.028	197.4	0.0577	635.50	0.04	193.4	0.1305
635.53	0.028	197.5	0.0577	635.53	0.039	193.5	0.1305
635.57	0.028	197.5	0.0577	635.57	0.038	193.5	0.1296
635.60	0.027	197.5	0.0577	635.60	0.038	193.6	0.1287
635.63	0.027	197.5	0.0559	635.63	0.037	193.5	0.126
635.67	0.025	197.5	0.0541	635.67	0.034	193.5	0.1234
635.70	0.024	197.5	0.0524	635.70	0.033	193.5	0.1216
635.73	0.023	197.5	0.0506	635.73	0.032	193.3	0.1181
635.77	0.022	197.4	0.0488	635.77	0.028	193.2	0.1181
635.82	0.019	197.3	0.0462	635.80	0.026	193.2	0.1145
635.85	0.018	197.2	0.0444	635.83	0.026	193.1	0.1092
635.88	0.017	197.1	0.0417	635.87	0.024	192.9	0.1047
635.90	0.014	197	0.0417	635.90	0.019	192.6	0.0985
635.93	0.013	197	0.0382	635.93	0.019	192.4	0.0941
635.97	0.013	196.8	0.0355	635.97	0.016	192	0.0861

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
636.00	0.012	196.7	0.032	636.02	0.01	191.7	0.079
636.03	0.008	196.4	0.0275	636.05	0.009	191.5	0.0746
636.07	0.007	196.2	0.024	636.08	0.007	191.1	0.0683
636.10	0.005	196.1	0.0195	636.10	0.002	190.7	0.0683
636.13	0.002	195.8	0.0195	636.13	0.001	190.7	0.0604
636.17	0	195.6	0.0151	636.17	0.001	190.3	0.0541
636.20	0	195.6	0.0124	636.20	-0.002	189.8	0.0462
636.23	-0.001	195.3	0.008	636.23	-0.007	189.4	0.0373
636.27	-0.004	194.9	0.0044	636.27	-0.009	189	0.0311
636.30	-0.005	194.7	0.0018	636.30	-0.011	188.5	0.0231
636.33	-0.007	194.5	-0.0027	636.33	-0.016	188.1	0.0231
636.37	-0.009	194.2	-0.0027	636.37	-0.016	188.1	0.016
636.40	-0.011	193.9	-0.0062	636.40	-0.016	187.7	0.0107
636.43	-0.011	193.9	-0.0098	636.43	-0.018	187.3	0.0053
636.47	-0.012	193.7	-0.0115	636.47	-0.022	186.7	-0.0009
636.50	-0.013	193.4	-0.0142	636.50	-0.023	186.4	-0.0053
636.53	-0.014	193.2	-0.016	636.53	-0.024	186.1	-0.0089
636.57	-0.015	193	-0.0178	636.57	-0.027	185.7	-0.0089
636.60	-0.016	192.8	-0.0178	636.60	-0.027	185.7	-0.0133
636.63	-0.017	192.7	-0.0195	636.63	-0.027	185.4	-0.0151
636.67	-0.017	192.7	-0.0204	636.67	-0.027	185.1	-0.0178
636.70	-0.017	192.5	-0.0213	636.70	-0.029	184.9	-0.0195
636.73	-0.017	192.4	-0.0222	636.73	-0.029	184.6	-0.0204
636.77	-0.017	192.2	-0.0222	636.77	-0.029	184.5	-0.0204
636.80	-0.017	192.1	-0.0222	636.80	-0.029	184.3	-0.0204
636.83	-0.017	192.1	-0.0222	636.83	-0.028	184.3	-0.0213
636.87	-0.016	192	-0.0222	636.87	-0.028	184.2	-0.0204
636.90	-0.016	192	-0.0213	636.90	-0.027	184.1	-0.0186
636.93	-0.015	192	-0.0204	636.93	-0.025	184.2	-0.0178
636.97	-0.015	192	-0.0195	636.97	-0.024	184.1	-0.016
637.00	-0.013	192	-0.0178	637.00	-0.023	184.1	-0.0133
637.03	-0.012	192	-0.0169	637.03	-0.021	184.3	-0.0133
637.07	-0.011	192.1	-0.0142	637.07	-0.019	184.4	-0.0107
637.10	-0.009	192.2	-0.0142	637.10	-0.019	184.4	-0.008
637.13	-0.008	192.2	-0.0124	637.13	-0.017	184.5	-0.0036
637.17	-0.008	192.2	-0.0098	637.17	-0.013	184.8	0.0018
637.20	-0.006	192.4	-0.0071	637.20	-0.011	184.9	0.0053
637.23	-0.003	192.6	-0.0036	637.23	-0.009	185.1	0.0115
637.28	-0.002	192.7	-0.0009	637.27	-0.005	185.5	0.0115
637.32	-0.002	192.8	0.0009	637.30	-0.002	185.8	0.0186
637.33	0.001	193	0.0044	637.33	-0.002	185.8	0.0249
637.37	0.003	193.2	0.008	637.37	0	186.1	0.0328
637.40	0.004	193.4	0.0124	637.40	0.004	186.6	0.0408
637.43	0.009	193.7	0.0124	637.43	0.008	187	0.047
637.47	0.009	193.7	0.0169	637.48	0.009	187.3	0.0541
637.50	0.009	193.8	0.0195	637.52	0.012	187.7	0.0586
637.53	0.011	194.1	0.024	637.53	0.015	188.1	0.0657
637.57	0.014	194.4	0.0293	637.57	0.017	188.5	0.0737
637.60	0.015	194.6	0.032	637.60	0.021	189	0.0826
637.63	0.017	194.9	0.0364	637.63	0.024	189.4	0.0826
637.67	0.02	195.1	0.0364	637.67	0.024	189.4	0.0879
637.70	0.021	195.1	0.0408	637.70	0.025	189.7	0.0941
637.73	0.021	195.4	0.0426	637.73	0.028	190.2	0.1012
637.77	0.022	195.6	0.0453	637.77	0.032	190.6	0.1074
637.80	0.024	195.9	0.0479	637.80	0.033	190.9	0.1118
637.83	0.025	196.1	0.0506	637.83	0.035	191.3	0.1163
637.87	0.025	196.3	0.0524	637.87	0.037	191.7	0.1163
637.90	0.027	196.5	0.0524	637.90	0.037	191.7	0.1198
637.93	0.028	196.5	0.0541	637.93	0.038	192	0.1234
637.97	0.028	196.7	0.0559	637.97	0.038	192.3	0.1252
638.00	0.028	196.8	0.0568	638.00	0.04	192.5	0.1278
638.03	0.028	197	0.0568	638.03	0.04	192.7	0.1287
638.07	0.029	197.1	0.0577	638.07	0.04	192.9	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
638.10	0.029	197.2	0.0586	638.10	0.04	193.1	0.1296
638.13	0.029	197.3	0.0586	638.13	0.04	193.1	0.1305
638.17	0.029	197.4	0.0586	638.17	0.04	193.3	0.1305
638.20	0.029	197.4	0.0586	638.20	0.04	193.4	0.1305
638.23	0.028	197.5	0.0568	638.23	0.039	193.5	0.1296
638.27	0.027	197.5	0.0559	638.27	0.037	193.6	0.1278
638.30	0.026	197.5	0.055	638.30	0.036	193.6	0.1252
638.33	0.025	197.5	0.0533	638.33	0.033	193.5	0.1252
638.37	0.024	197.4	0.0533	638.37	0.032	193.5	0.1225
638.40	0.022	197.4	0.0515	638.40	0.032	193.5	0.1198
638.43	0.022	197.4	0.0497	638.43	0.031	193.3	0.1163
638.47	0.021	197.4	0.0479	638.47	0.026	193.1	0.1118
638.50	0.019	197.2	0.0444	638.50	0.025	193	0.1083
638.53	0.017	197.1	0.0417	638.53	0.023	192.7	0.1021
638.57	0.016	197	0.0391	638.57	0.018	192.5	0.1021
638.60	0.013	196.8	0.0391	638.60	0.017	192.5	0.0959
638.63	0.011	196.7	0.0355	638.63	0.017	192.3	0.0905
638.67	0.011	196.7	0.0328	638.67	0.014	191.9	0.0834
638.72	0.007	196.3	0.0284	638.70	0.009	191.5	0.0754
638.75	0.006	196.1	0.0257	638.73	0.007	191.3	0.0701
638.78	0.006	196.1	0.0222	638.77	0.005	190.8	0.0621
638.80	0.004	195.9	0.0186	638.80	-0.001	190.3	0.0621
638.83	0.002	195.6	0.0142	638.83	-0.002	190.3	0.0533
638.87	-0.001	195.4	0.0107	638.87	-0.002	190	0.0479
638.90	-0.002	195.1	0.0071	638.90	-0.004	189.5	0.0399
638.93	-0.004	194.8	0.0027	638.95	-0.01	189	0.0311
638.97	-0.007	194.6	0.0027	638.98	-0.01	188.7	0.0257
639.00	-0.007	194.6	-0.0009	639.00	-0.012	188.3	0.0204
639.03	-0.008	194.3	-0.0044	639.03	-0.016	187.8	0.0133
639.07	-0.009	194	-0.0071	639.07	-0.017	187.5	0.008
639.10	-0.011	193.8	-0.0098	639.10	-0.019	187	0.0018
639.13	-0.012	193.6	-0.0133	639.13	-0.023	186.5	0.0018
639.17	-0.014	193.3	-0.0151	639.17	-0.023	186.5	-0.0044
639.20	-0.015	193.1	-0.0151	639.20	-0.023	186.2	-0.0071
639.23	-0.015	193.1	-0.0169	639.23	-0.025	185.8	-0.0107
639.27	-0.015	192.9	-0.0186	639.27	-0.027	185.5	-0.0142
639.30	-0.016	192.7	-0.0195	639.30	-0.027	185.2	-0.0169
639.33	-0.017	192.6	-0.0213	639.33	-0.028	185	-0.0186
639.37	-0.017	192.4	-0.0213	639.37	-0.029	184.7	-0.0186
639.40	-0.017	192.3	-0.0222	639.40	-0.029	184.7	-0.0195
639.43	-0.017	192.2	-0.0222	639.43	-0.029	184.5	-0.0204
639.47	-0.017	192.2	-0.0222	639.47	-0.029	184.4	-0.0204
639.50	-0.017	192.1	-0.0222	639.50	-0.028	184.3	-0.0204
639.53	-0.017	192	-0.0213	639.53	-0.028	184.2	-0.0195
639.57	-0.016	192	-0.0213	639.57	-0.027	184.1	-0.0186
639.60	-0.015	192	-0.0204	639.60	-0.025	184.1	-0.0186
639.63	-0.015	191.9	-0.0195	639.63	-0.024	184.1	-0.0169
639.67	-0.013	192	-0.0195	639.67	-0.024	184.1	-0.0151
639.70	-0.012	192	-0.0178	639.70	-0.023	184.1	-0.0124
639.73	-0.012	192	-0.016	639.73	-0.019	184.3	-0.0089
639.77	-0.011	192.1	-0.0133	639.77	-0.018	184.4	-0.0062
639.80	-0.008	192.2	-0.0107	639.80	-0.016	184.6	-0.0018
639.83	-0.007	192.3	-0.008	639.83	-0.012	184.8	-0.0018
639.87	-0.006	192.4	-0.0053	639.87	-0.01	185	0.0036
639.90	-0.002	192.6	-0.0053	639.90	-0.01	185	0.008
639.93	-0.002	192.6	-0.0018	639.93	-0.008	185.3	0.0142
639.97	-0.002	192.7	0	639.97	-0.003	185.7	0.0222
640.00	0	193	0.0044	640.00	-0.001	186	0.0284
640.03	0.004	193.2	0.0089	640.03	0.001	186.3	0.0355
640.07	0.005	193.3	0.0115	640.07	0.006	186.7	0.0355
640.10	0.006	193.6	0.016	640.10	0.009	187.2	0.0435
640.13	0.01	193.8	0.016	640.13	0.009	187.2	0.0506
640.18	0.011	194	0.0222	640.17	0.011	187.5	0.0586

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
640.22	0.011	194.2	0.0257	640.20	0.015	188	0.0666
640.23	0.015	194.5	0.0257	640.23	0.018	188.4	0.0728
640.27	0.016	194.5	0.0302	640.27	0.019	188.7	0.0799
640.30	0.016	194.7	0.0337	640.30	0.024	189.3	0.0799
640.33	0.017	195	0.0373	640.33	0.027	189.7	0.0879
640.37	0.021	195.2	0.0408	640.38	0.028	190	0.0985
640.40	0.021	195.4	0.0435	640.42	0.029	190.4	0.0985
640.43	0.022	195.7	0.0462	640.45	0.032	190.8	0.103
640.47	0.025	196	0.0462	640.47	0.032	190.8	0.1083
640.50	0.025	196	0.0488	640.50	0.033	191.1	0.1136
640.53	0.025	196.2	0.0506	640.53	0.036	191.5	0.1181
640.57	0.026	196.4	0.0533	640.57	0.037	191.8	0.1216
640.60	0.027	196.6	0.055	640.60	0.038	192.1	0.1252
640.63	0.028	196.7	0.0559	640.63	0.039	192.4	0.1269
640.67	0.028	196.9	0.0568	640.67	0.04	192.6	0.1269
640.70	0.029	197.1	0.0568	640.70	0.04	192.6	0.1287
640.73	0.029	197.1	0.0577	640.73	0.04	192.9	0.1296
640.77	0.029	197.2	0.0586	640.77	0.04	193	0.1305
640.80	0.029	197.3	0.0586	640.80	0.04	193.2	0.1305
640.83	0.029	197.4	0.0586	640.83	0.04	193.3	0.1305
640.87	0.028	197.5	0.0586	640.87	0.04	193.5	0.1305
640.90	0.027	197.5	0.0568	640.90	0.038	193.5	0.1305
640.93	0.027	197.5	0.0568	640.93	0.037	193.5	0.1287
640.97	0.025	197.5	0.0559	640.97	0.037	193.6	0.1269
641.00	0.025	197.5	0.0541	641.00	0.036	193.5	0.1243
641.03	0.024	197.5	0.0524	641.03	0.033	193.5	0.1216
641.07	0.023	197.4	0.0506	641.07	0.031	193.4	0.1189
641.10	0.021	197.4	0.0488	641.10	0.029	193.2	0.1145
641.13	0.02	197.3	0.0462	641.13	0.025	193.1	0.1145
641.17	0.018	197.2	0.0462	641.17	0.024	193.1	0.1101
641.20	0.016	197.1	0.0435	641.20	0.024	193	0.1056
641.23	0.016	197.1	0.0408	641.23	0.022	192.6	0.1003
641.27	0.015	197	0.0382	641.27	0.017	192.4	0.0932
641.30	0.012	196.7	0.0337	641.30	0.016	192.2	0.0879
641.33	0.01	196.6	0.0311	641.33	0.013	191.7	0.0808
641.37	0.009	196.4	0.0275	641.37	0.007	191.4	0.0808
641.40	0.006	196.2	0.0275	641.40	0.006	191.4	0.0728
641.43	0.004	195.9	0.0222	641.43	0.006	191.1	0.0666
641.47	0.004	195.9	0.0186	641.47	0.003	190.6	0.0586
641.50	0.002	195.7	0.0151	641.50	-0.002	190.2	0.0506
641.53	0	195.4	0.0107	641.53	-0.003	189.8	0.0444
641.57	-0.003	195.1	0.0071	641.57	-0.006	189.3	0.0364
641.62	-0.004	194.9	0.0036	641.60	-0.011	188.8	0.0364
641.65	-0.005	194.7	0.0018	641.63	-0.012	188.8	0.0275
641.68	-0.007	194.4	-0.0018	641.67	-0.012	188.5	0.0213
641.70	-0.008	194.2	-0.0053	641.70	-0.014	188	0.0142
641.73	-0.01	193.9	-0.0089	641.73	-0.019	187.5	0.0071
641.77	-0.012	193.6	-0.0089	641.77	-0.019	187.2	0.0036
641.80	-0.012	193.6	-0.0115	641.80	-0.021	186.7	-0.0018
641.83	-0.013	193.4	-0.0142	641.85	-0.024	186.3	-0.0071
641.87	-0.014	193.2	-0.016	641.88	-0.024	186	-0.0089
641.90	-0.016	193	-0.0178	641.90	-0.025	185.7	-0.0124
641.93	-0.016	192.8	-0.0186	641.93	-0.027	185.3	-0.0124
641.97	-0.016	192.7	-0.0204	641.97	-0.028	185.3	-0.016
642.00	-0.017	192.5	-0.0204	642.00	-0.028	185.1	-0.0178
642.03	-0.017	192.5	-0.0213	642.03	-0.028	184.8	-0.0195
642.07	-0.017	192.4	-0.0222	642.07	-0.029	184.6	-0.0204
642.10	-0.017	192.2	-0.0222	642.10	-0.029	184.4	-0.0213
642.13	-0.017	192.1	-0.0222	642.13	-0.029	184.3	-0.0213
642.17	-0.017	192	-0.0222	642.17	-0.028	184.2	-0.0213
642.20	-0.016	192	-0.0213	642.20	-0.027	184.2	-0.0204
642.23	-0.015	192	-0.0213	642.23	-0.027	184.1	-0.0195
642.27	-0.015	192	-0.0204	642.27	-0.026	184.1	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
642.30	-0.015	191.9	-0.0204	642.30	-0.024	184.1	-0.016
642.33	-0.014	191.9	-0.0186	642.33	-0.023	184.1	-0.0142
642.37	-0.012	192	-0.0169	642.37	-0.022	184.2	-0.0107
642.40	-0.011	192	-0.0151	642.40	-0.018	184.4	-0.0107
642.43	-0.01	192.1	-0.0124	642.43	-0.017	184.4	-0.0071
642.47	-0.007	192.2	-0.0124	642.47	-0.017	184.5	-0.0036
642.50	-0.006	192.2	-0.0098	642.50	-0.015	184.7	0.0009
642.53	-0.006	192.3	-0.008	642.53	-0.01	185	0.0062
642.57	-0.005	192.4	-0.0044	642.57	-0.009	185.1	0.0107
642.60	-0.002	192.7	-0.0009	642.60	-0.007	185.4	0.0178
642.63	0	192.8	0.0018	642.63	-0.001	185.8	0.0178
642.67	0.001	192.9	0.0062	642.67	0	185.8	0.0257
642.70	0.004	193.2	0.0062	642.70	0	186.1	0.032
642.73	0.006	193.4	0.0107	642.73	0.002	186.4	0.0399
642.77	0.006	193.4	0.0133	642.77	0.008	187	0.0479
642.80	0.007	193.6	0.0178	642.80	0.01	187.3	0.0533
642.83	0.01	193.9	0.0213	642.83	0.012	187.7	0.0612
642.87	0.012	194.1	0.0249	642.87	0.017	188.2	0.0612
642.90	0.013	194.3	0.0293	642.90	0.019	188.5	0.0701
642.93	0.016	194.6	0.0293	642.93	0.019	188.5	0.0763
642.97	0.018	194.9	0.0337	642.97	0.021	188.9	0.0834
643.00	0.018	194.9	0.0373	643.00	0.025	189.4	0.0914
643.03	0.019	195.1	0.0399	643.03	0.027	189.8	0.0968
643.08	0.022	195.6	0.0435	643.07	0.029	190.2	0.103
643.12	0.022	195.6	0.0453	643.10	0.032	190.7	0.103
643.13	0.023	195.8	0.0479	643.13	0.034	191	0.1092
643.17	0.025	196.1	0.0506	643.17	0.034	191	0.1136
643.20	0.026	196.3	0.0524	643.20	0.035	191.3	0.1181
643.23	0.026	196.4	0.0541	643.23	0.037	191.7	0.1216
643.27	0.027	196.7	0.055	643.28	0.038	192	0.1243
643.30	0.028	196.8	0.055	643.32	0.039	192.2	0.126
643.33	0.028	196.8	0.0568	643.35	0.039	192.5	0.1278
643.37	0.028	196.9	0.0568	643.37	0.04	192.7	0.1296
643.40	0.029	197.1	0.0577	643.40	0.04	192.9	0.1296
643.43	0.029	197.2	0.0586	643.43	0.04	193.1	0.1305
643.47	0.029	197.3	0.0586	643.47	0.04	193.2	0.1305
643.50	0.029	197.4	0.0586	643.50	0.04	193.2	0.1305
643.53	0.028	197.5	0.0586	643.53	0.04	193.4	0.1305
643.57	0.027	197.5	0.0577	643.57	0.039	193.5	0.1305
643.60	0.027	197.5	0.0568	643.60	0.038	193.5	0.1287
643.63	0.027	197.5	0.0559	643.63	0.037	193.6	0.1269
643.67	0.025	197.5	0.0541	643.67	0.035	193.5	0.1234
643.70	0.024	197.5	0.0524	643.70	0.031	193.4	0.1234
643.73	0.023	197.4	0.0497	643.73	0.03	193.4	0.1198
643.77	0.02	197.4	0.0497	643.77	0.03	193.4	0.1172
643.80	0.019	197.4	0.0479	643.80	0.029	193.2	0.1136
643.83	0.019	197.3	0.0462	643.83	0.024	193	0.1083
643.87	0.018	197.2	0.0426	643.87	0.023	192.8	0.1047
643.90	0.015	197	0.0399	643.90	0.02	192.5	0.0985
643.93	0.014	196.9	0.0373	643.93	0.016	192.3	0.0985
643.97	0.012	196.7	0.0328	643.97	0.014	192.3	0.0914
644.00	0.009	196.5	0.0328	644.00	0.014	192	0.0861
644.03	0.007	196.5	0.0293	644.03	0.011	191.6	0.079
644.07	0.007	196.3	0.0257	644.07	0.006	191.2	0.0701
644.10	0.006	196.1	0.0222	644.10	0.005	190.9	0.0639
644.13	0.003	195.9	0.0178	644.13	0.002	190.4	0.0559
644.17	0.001	195.6	0.0142	644.17	-0.003	190	0.0559
644.20	0	195.4	0.0098	644.20	-0.005	190	0.047
644.23	-0.004	195	0.0098	644.23	-0.005	189.6	0.0417
644.27	-0.005	194.8	0.0053	644.27	-0.007	189.1	0.0337
644.30	-0.005	194.8	0.0027	644.30	-0.012	188.7	0.0249
644.33	-0.006	194.6	-0.0009	644.33	-0.013	188.3	0.0186
644.37	-0.009	194.3	-0.0053	644.37	-0.015	187.7	0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
644.40	-0.01	194	-0.0071	644.40	-0.019	187.3	0.0124
644.43	-0.011	193.8	-0.0107	644.43	-0.02	187.3	0.0053
644.47	-0.013	193.5	-0.0107	644.47	-0.02	187	0.0009
644.50	-0.014	193.3	-0.0133	644.50	-0.022	186.5	-0.0044
644.55	-0.014	193.1	-0.016	644.53	-0.025	186.1	-0.0089
644.58	-0.015	192.9	-0.0178	644.57	-0.025	185.8	-0.0115
644.60	-0.016	192.7	-0.0178	644.60	-0.026	185.5	-0.0142
644.63	-0.016	192.7	-0.0195	644.63	-0.028	185.2	-0.0142
644.67	-0.017	192.6	-0.0213	644.67	-0.028	185.2	-0.0169
644.70	-0.017	192.4	-0.0213	644.70	-0.028	184.9	-0.0186
644.73	-0.017	192.3	-0.0222	644.75	-0.029	184.5	-0.0195
644.77	-0.017	192.2	-0.0222	644.78	-0.029	184.5	-0.0204
644.80	-0.017	192.1	-0.0222	644.80	-0.029	184.4	-0.0204
644.83	-0.017	192	-0.0222	644.83	-0.029	184.2	-0.0204
644.87	-0.016	192	-0.0222	644.87	-0.028	184.1	-0.0195
644.90	-0.016	192	-0.0213	644.90	-0.027	184.1	-0.0186
644.93	-0.015	191.9	-0.0204	644.93	-0.026	184.1	-0.0169
644.97	-0.014	191.9	-0.0186	644.97	-0.023	184.1	-0.0169
645.00	-0.014	191.9	-0.0178	645.00	-0.023	184.1	-0.0151
645.03	-0.012	192	-0.016	645.03	-0.023	184.1	-0.0124
645.07	-0.01	192	-0.016	645.07	-0.021	184.3	-0.0089
645.10	-0.009	192	-0.0142	645.10	-0.017	184.4	-0.0053
645.13	-0.009	192.1	-0.0115	645.13	-0.016	184.5	-0.0018
645.17	-0.008	192.2	-0.0089	645.17	-0.014	184.8	0.0027
645.20	-0.005	192.4	-0.0062	645.20	-0.009	185.1	0.0027
645.23	-0.004	192.5	-0.0036	645.23	-0.008	185.1	0.0089
645.27	-0.002	192.7	0	645.27	-0.008	185.3	0.0133
645.30	0.001	192.9	0	645.30	-0.006	185.6	0.0204
645.33	0.002	192.9	0.0036	645.33	0	186	0.0293
645.37	0.002	193	0.0062	645.37	0.002	186.3	0.0355
645.40	0.004	193.3	0.0107	645.40	0.004	186.6	0.0426
645.43	0.007	193.5	0.0151	645.43	0.009	187.2	0.0426
645.47	0.008	193.7	0.0178	645.47	0.011	187.2	0.0506
645.50	0.01	194	0.0222	645.50	0.011	187.5	0.0577
645.53	0.014	194.2	0.0222	645.53	0.013	187.9	0.0648
645.57	0.014	194.2	0.0275	645.57	0.018	188.4	0.0728
645.60	0.014	194.4	0.0311	645.60	0.02	188.7	0.0799
645.63	0.016	194.7	0.0346	645.63	0.022	189.1	0.087
645.67	0.019	195	0.0391	645.67	0.026	189.6	0.087
645.70	0.02	195.2	0.0408	645.70	0.028	190	0.0941
645.73	0.021	195.4	0.0435	645.73	0.028	190	0.0994
645.77	0.024	195.7	0.0435	645.77	0.03	190.4	0.1056
645.80	0.024	195.7	0.047	645.80	0.033	190.8	0.111
645.83	0.024	195.9	0.0488	645.83	0.035	191.2	0.1154
645.87	0.025	196.1	0.0515	645.87	0.036	191.5	0.1198
645.90	0.027	196.4	0.0541	645.90	0.038	191.8	0.1198
645.93	0.027	196.6	0.055	645.93	0.039	192.1	0.1234
645.98	0.028	196.7	0.0559	645.97	0.039	192.1	0.1252
646.02	0.028	196.9	0.0568	646.00	0.039	192.3	0.1278
646.05	0.029	197	0.0577	646.03	0.04	192.6	0.1296
646.07	0.029	197.1	0.0586	646.07	0.04	192.8	0.1305
646.10	0.029	197.2	0.0586	646.10	0.04	193	0.1305
646.13	0.029	197.2	0.0586	646.13	0.04	193.2	0.1305
646.17	0.029	197.4	0.0586	646.17	0.04	193.3	0.1305
646.20	0.028	197.5	0.0577	646.22	0.04	193.4	0.1305
646.23	0.028	197.5	0.0577	646.25	0.039	193.5	0.1296
646.27	0.027	197.5	0.0568	646.27	0.036	193.5	0.1296
646.30	0.026	197.5	0.055	646.30	0.036	193.5	0.1269
646.33	0.025	197.5	0.055	646.33	0.036	193.5	0.126
646.37	0.023	197.5	0.0533	646.37	0.034	193.4	0.1225
646.40	0.023	197.5	0.0524	646.40	0.031	193.4	0.1198
646.43	0.023	197.4	0.0497	646.43	0.03	193.3	0.1163
646.47	0.02	197.3	0.047	646.47	0.028	193.1	0.1118

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
646.50	0.018	197.2	0.0453	646.50	0.023	192.9	0.1118
646.53	0.017	197.1	0.0417	646.53	0.022	192.9	0.1065
646.57	0.014	196.9	0.0417	646.57	0.022	192.7	0.1021
646.60	0.013	196.9	0.0382	646.60	0.02	192.4	0.0959
646.63	0.013	196.8	0.0355	646.63	0.014	192.1	0.0888
646.67	0.012	196.7	0.032	646.67	0.013	191.9	0.0834
646.70	0.008	196.4	0.0284	646.70	0.011	191.5	0.0763
646.73	0.007	196.2	0.0249	646.73	0.004	191	0.0763
646.77	0.006	196	0.0204	646.77	0.003	191	0.0666
646.80	0.002	195.7	0.0204	646.80	0.003	190.8	0.0612
646.83	0.001	195.7	0.016	646.83	0.001	190.3	0.0533
646.87	0.001	195.5	0.0124	646.87	-0.005	189.8	0.0444
646.90	-0.001	195.2	0.008	646.90	-0.006	189.5	0.0382
646.93	-0.004	194.9	0.0044	646.93	-0.008	189	0.0302
646.97	-0.005	194.7	0.0018	646.97	-0.013	188.5	0.0302
647.00	-0.007	194.4	-0.0027	647.00	-0.014	188.5	0.0213
647.03	-0.01	194.1	-0.0027	647.03	-0.014	188.1	0.0169
647.07	-0.011	194.1	-0.0062	647.07	-0.016	187.6	0.0098
647.10	-0.011	193.9	-0.0089	647.10	-0.021	187.2	0.0027
647.13	-0.011	193.7	-0.0115	647.13	-0.021	186.8	-0.0009
647.17	-0.013	193.4	-0.0142	647.17	-0.022	186.4	-0.0053
647.20	-0.014	193.2	-0.016	647.20	-0.025	186	-0.0053
647.23	-0.015	193	-0.0178	647.23	-0.026	186	-0.0098
647.27	-0.016	192.8	-0.0178	647.27	-0.026	185.7	-0.0124
647.30	-0.017	192.6	-0.0195	647.30	-0.027	185.4	-0.0151
647.33	-0.017	192.6	-0.0204	647.33	-0.028	185.1	-0.0178
647.37	-0.017	192.5	-0.0213	647.37	-0.029	184.8	-0.0195
647.40	-0.017	192.3	-0.0222	647.40	-0.029	184.6	-0.0195
647.45	-0.017	192.2	-0.0222	647.43	-0.029	184.5	-0.0195
647.48	-0.017	192.1	-0.0222	647.47	-0.028	184.3	-0.0204
647.50	-0.017	192	-0.0231	647.50	-0.028	184.3	-0.0204
647.53	-0.017	192	-0.0222	647.53	-0.028	184.2	-0.0204
647.57	-0.016	191.9	-0.0213	647.57	-0.027	184.2	-0.0186
647.60	-0.015	191.9	-0.0213	647.60	-0.025	184.1	-0.0169
647.63	-0.014	191.9	-0.0195	647.65	-0.025	184.1	-0.0151
647.67	-0.014	191.9	-0.0186	647.68	-0.024	184.1	-0.0142
647.70	-0.013	191.9	-0.0169	647.70	-0.021	184.2	-0.0115
647.73	-0.011	192	-0.0151	647.73	-0.02	184.3	-0.0071
647.77	-0.01	192	-0.0133	647.77	-0.017	184.5	-0.0036
647.80	-0.009	192.1	-0.0107	647.80	-0.014	184.6	-0.0036
647.83	-0.007	192.3	-0.0107	647.83	-0.014	184.6	0
647.87	-0.005	192.4	-0.008	647.87	-0.013	184.8	0.0053
647.90	-0.005	192.4	-0.0053	647.90	-0.009	185.1	0.0115
647.93	-0.004	192.5	-0.0018	647.93	-0.006	185.4	0.0169
647.97	-0.001	192.8	0.0018	647.97	-0.004	185.7	0.024
648.00	0.002	193	0.0053	648.00	0	186.1	0.032
648.03	0.003	193.1	0.0089	648.03	0.004	186.5	0.032
648.07	0.005	193.4	0.0133	648.07	0.004	186.5	0.0391
648.10	0.008	193.6	0.0133	648.10	0.005	186.8	0.0453
648.13	0.008	193.6	0.0169	648.13	0.009	187.3	0.0541
648.17	0.009	193.8	0.0204	648.17	0.013	187.7	0.0612
648.20	0.011	194.1	0.024	648.20	0.015	188	0.0675
648.23	0.014	194.3	0.0293	648.23	0.017	188.5	0.0746
648.27	0.015	194.5	0.032	648.27	0.022	188.9	0.0746
648.30	0.017	194.8	0.0355	648.30	0.023	188.9	0.0826
648.33	0.02	195	0.0355	648.33	0.023	189.3	0.0888
648.37	0.02	195	0.0399	648.37	0.026	189.8	0.0959
648.40	0.02	195.2	0.0417	648.40	0.03	190.2	0.103
648.43	0.022	195.6	0.0453	648.43	0.031	190.5	0.1074
648.47	0.024	195.8	0.0479	648.47	0.033	190.9	0.1127
648.50	0.024	196	0.0497	648.50	0.036	191.3	0.1127
648.53	0.025	196.2	0.0524	648.53	0.036	191.3	0.1181
648.57	0.027	196.4	0.0524	648.57	0.036	191.6	0.1207

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
648.60	0.028	196.4	0.0541	648.60	0.037	191.9	0.1243
648.63	0.028	196.6	0.055	648.63	0.04	192.2	0.1269
648.67	0.028	196.8	0.0559	648.67	0.039	192.5	0.1287
648.70	0.029	196.9	0.0568	648.70	0.04	192.7	0.1296
648.73	0.029	197.1	0.0577	648.73	0.04	192.9	0.1296
648.77	0.029	197.2	0.0577	648.77	0.04	192.9	0.1305
648.80	0.029	197.3	0.0577	648.80	0.04	193.1	0.1314
648.83	0.029	197.3	0.0586	648.83	0.04	193.2	0.1314
648.88	0.028	197.4	0.0577	648.87	0.04	193.4	0.1314
648.92	0.027	197.5	0.0577	648.90	0.039	193.5	0.1305
648.95	0.026	197.5	0.0568	648.93	0.038	193.5	0.1278
648.97	0.026	197.5	0.055	648.97	0.035	193.4	0.1278
649.00	0.026	197.5	0.0541	649.00	0.034	193.4	0.1252
649.03	0.024	197.5	0.0524	649.03	0.034	193.4	0.1234
649.07	0.023	197.4	0.0515	649.07	0.032	193.4	0.1198
649.10	0.022	197.4	0.0479	649.12	0.028	193.2	0.1163
649.13	0.019	197.2	0.0479	649.15	0.028	193.2	0.1136
649.17	0.017	197.2	0.0453	649.17	0.026	193	0.1092
649.20	0.017	197.2	0.0435	649.20	0.022	192.8	0.1039
649.23	0.016	197	0.0399	649.23	0.021	192.6	0.0994
649.27	0.014	196.8	0.0373	649.27	0.018	192.3	0.0932
649.30	0.012	196.7	0.0346	649.30	0.013	192	0.0932
649.33	0.011	196.5	0.0302	649.33	0.012	192	0.0852
649.37	0.007	196.3	0.0302	649.37	0.012	191.7	0.0799
649.40	0.006	196.1	0.0249	649.40	0.009	191.3	0.0719
649.43	0.006	196.1	0.0222	649.43	0.003	190.9	0.0639
649.47	0.004	195.9	0.0186	649.47	0.002	190.5	0.0586
649.50	0.001	195.6	0.0142	649.50	-0.001	190.1	0.0497
649.53	0	195.4	0.0107	649.53	-0.006	189.6	0.0497
649.57	-0.002	195.1	0.0062	649.57	-0.007	189.3	0.0417
649.60	-0.005	194.8	0.0062	649.60	-0.007	189.3	0.0355
649.63	-0.006	194.5	0.0018	649.63	-0.01	188.8	0.0275
649.67	-0.006	194.5	-0.0009	649.67	-0.014	188.3	0.0195
649.70	-0.007	194.3	-0.0036	649.70	-0.016	187.9	0.0142
649.73	-0.01	194	-0.0071	649.73	-0.017	187.5	0.008
649.77	-0.011	193.8	-0.0107	649.77	-0.021	187	0.008
649.80	-0.012	193.6	-0.0133	649.80	-0.022	186.6	0.0018
649.83	-0.014	193.3	-0.0133	649.83	-0.022	186.6	-0.0027
649.87	-0.015	193.1	-0.0151	649.87	-0.024	186.2	-0.0071
649.90	-0.015	193.1	-0.0169	649.90	-0.025	185.8	-0.0115
649.93	-0.015	192.9	-0.0186	649.93	-0.027	185.5	-0.0142
649.97	-0.016	192.7	-0.0195	649.97	-0.027	185.2	-0.0169
650.00	-0.017	192.5	-0.0213	650.00	-0.028	185	-0.0178
650.03	-0.017	192.4	-0.0213	650.03	-0.029	184.7	-0.0178
650.07	-0.017	192.3	-0.0222	650.07	-0.029	184.7	-0.0195
650.10	-0.017	192.2	-0.0222	650.10	-0.029	184.5	-0.0195
650.13	-0.017	192.2	-0.0222	650.13	-0.029	184.4	-0.0204
650.17	-0.017	192.1	-0.0222	650.17	-0.028	184.2	-0.0204
650.20	-0.017	192	-0.0222	650.20	-0.028	184.1	-0.0195
650.23	-0.016	192	-0.0213	650.23	-0.027	184.1	-0.0186
650.27	-0.015	191.9	-0.0204	650.27	-0.025	184.1	-0.0186
650.30	-0.014	191.9	-0.0186	650.30	-0.024	184.1	-0.0169
650.35	-0.013	192	-0.0178	650.33	-0.024	184.1	-0.0142
650.38	-0.012	191.9	-0.016	650.37	-0.023	184.2	-0.0115
650.40	-0.012	192	-0.0151	650.40	-0.019	184.3	-0.008
650.43	-0.009	192.1	-0.0151	650.43	-0.018	184.4	-0.0062
650.47	-0.008	192.1	-0.0124	650.47	-0.016	184.6	-0.0009
650.50	-0.008	192.2	-0.0098	650.50	-0.012	184.9	-0.0009
650.53	-0.007	192.3	-0.0071	650.55	-0.01	185	0.0071
650.57	-0.003	192.5	-0.0036	650.58	-0.009	185.2	0.0124
650.60	-0.002	192.6	-0.0009	650.62	-0.004	185.5	0.0124
650.63	-0.001	192.8	0.0027	650.63	-0.003	185.5	0.0186
650.67	0.003	193	0.0027	650.67	-0.003	185.8	0.0249

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
650.70	0.004	193	0.0071	650.70	0	186.2	0.0337
650.73	0.004	193.2	0.0098	650.73	0.006	186.6	0.0426
650.77	0.005	193.4	0.0142	650.77	0.007	187	0.0488
650.80	0.009	193.7	0.0186	650.80	0.009	187.4	0.0559
650.83	0.01	193.9	0.0213	650.83	0.015	187.8	0.0559
650.87	0.012	194.1	0.0257	650.87	0.016	187.8	0.0639
650.90	0.015	194.4	0.0257	650.90	0.016	188.2	0.071
650.93	0.016	194.4	0.0311	650.93	0.018	188.6	0.0781
650.97	0.016	194.6	0.0337	650.97	0.024	189.1	0.0861
651.00	0.017	194.9	0.0373	651.00	0.024	189.5	0.0923
651.03	0.02	195.1	0.0408	651.03	0.026	189.9	0.0985
651.07	0.021	195.4	0.0435	651.07	0.031	190.4	0.0985
651.10	0.022	195.6	0.0462	651.10	0.032	190.4	0.1056
651.13	0.024	195.9	0.0462	651.13	0.032	190.7	0.1092
651.17	0.025	195.9	0.0488	651.17	0.033	191.1	0.1145
651.20	0.025	196.1	0.0506	651.20	0.036	191.4	0.1189
651.23	0.026	196.3	0.0533	651.23	0.037	191.7	0.1225
651.27	0.027	196.5	0.055	651.27	0.038	192	0.1252
651.30	0.028	196.6	0.0559	651.30	0.039	192.3	0.1252
651.33	0.028	196.8	0.0568	651.33	0.04	192.3	0.1278
651.37	0.028	196.9	0.0568	651.37	0.04	192.6	0.1287
651.40	0.028	196.9	0.0568	651.40	0.04	192.8	0.1305
651.43	0.028	197.1	0.0577	651.43	0.04	193	0.1305
651.47	0.029	197.2	0.0577	651.47	0.04	193.1	0.1314
651.50	0.028	197.3	0.0577	651.50	0.04	193.3	0.1314
651.53	0.029	197.4	0.0577	651.53	0.04	193.4	0.1314
651.57	0.028	197.4	0.0568	651.57	0.038	193.4	0.1314
651.60	0.026	197.4	0.0568	651.60	0.038	193.5	0.1296
651.63	0.025	197.5	0.0559	651.63	0.037	193.5	0.1269
651.67	0.025	197.5	0.0541	651.67	0.034	193.4	0.1243
651.70	0.025	197.4	0.0524	651.70	0.033	193.4	0.1225
651.73	0.023	197.4	0.0506	651.73	0.031	193.3	0.1189
651.77	0.021	197.3	0.0488	651.77	0.028	193.2	0.1189
651.82	0.02	197.3	0.047	651.80	0.026	193	0.1145
651.85	0.02	197.2	0.0462	651.83	0.026	193	0.111
651.87	0.017	197.1	0.0426	651.87	0.024	192.9	0.1047
651.90	0.016	197	0.0391	651.90	0.02	192.5	0.0994
651.93	0.013	196.8	0.0391	651.93	0.018	192.3	0.0941
651.97	0.011	196.6	0.0355	651.97	0.016	192.1	0.0879
652.00	0.011	196.6	0.032	652.02	0.011	191.7	0.0799
652.03	0.01	196.4	0.0293	652.05	0.009	191.4	0.0763
652.07	0.007	196.2	0.024	652.07	0.008	191.2	0.0692
652.10	0.005	196	0.0204	652.10	0.003	190.7	0.0692
652.13	0.003	195.8	0.0169	652.13	0	190.3	0.0612
652.17	0.001	195.4	0.0169	652.17	0	190.3	0.055
652.20	-0.002	195.2	0.0124	652.20	-0.002	190	0.047
652.23	-0.002	195.2	0.0089	652.23	-0.006	189.4	0.0382
652.27	-0.003	195	0.0053	652.27	-0.009	189	0.032
652.30	-0.005	194.6	0.0018	652.30	-0.011	188.6	0.024
652.33	-0.007	194.4	-0.0018	652.33	-0.014	188.1	0.024
652.37	-0.008	194.2	-0.0062	652.37	-0.017	187.6	0.016
652.40	-0.011	193.9	-0.0089	652.40	-0.017	187.6	0.0107
652.43	-0.012	193.7	-0.0089	652.43	-0.018	187.3	0.0044
652.47	-0.012	193.7	-0.0115	652.47	-0.021	186.7	-0.0009
652.50	-0.013	193.4	-0.0133	652.50	-0.023	186.4	-0.0053
652.53	-0.014	193.2	-0.0151	652.53	-0.024	186	-0.0089
652.57	-0.015	193	-0.0178	652.57	-0.026	185.6	-0.0089
652.60	-0.016	192.8	-0.0195	652.60	-0.027	185.3	-0.0124
652.63	-0.017	192.6	-0.0213	652.63	-0.027	185.3	-0.0151
652.67	-0.017	192.5	-0.0213	652.67	-0.027	185.1	-0.0169
652.70	-0.017	192.5	-0.0213	652.70	-0.028	184.8	-0.0186
652.73	-0.017	192.3	-0.0222	652.73	-0.029	184.6	-0.0204
652.77	-0.017	192.2	-0.0222	652.77	-0.029	184.4	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
652.80	-0.017	192.1	-0.0222	652.80	-0.028	184.3	-0.0204
652.83	-0.017	192	-0.0222	652.83	-0.028	184.2	-0.0204
652.87	-0.017	191.9	-0.0213	652.87	-0.027	184.2	-0.0204
652.90	-0.016	191.9	-0.0213	652.90	-0.027	184.1	-0.0186
652.93	-0.015	191.9	-0.0204	652.93	-0.026	184.1	-0.0178
652.97	-0.015	191.9	-0.0195	652.97	-0.024	184.1	-0.016
653.00	-0.014	191.9	-0.0186	653.00	-0.023	184.1	-0.0133
653.03	-0.012	192	-0.0169	653.03	-0.022	184.2	-0.0107
653.07	-0.011	192	-0.0151	653.07	-0.018	184.4	-0.0107
653.10	-0.01	192.1	-0.0124	653.10	-0.017	184.4	-0.0071
653.13	-0.007	192.2	-0.0124	653.13	-0.017	184.4	-0.0036
653.17	-0.006	192.2	-0.0098	653.17	-0.015	184.7	0.0009
653.20	-0.006	192.3	-0.0071	653.20	-0.011	184.9	0.0062
653.25	-0.003	192.6	-0.0044	653.23	-0.009	185.1	0.0115
653.28	-0.002	192.6	-0.0027	653.27	-0.006	185.5	0.0178
653.30	-0.002	192.7	0.0009	653.30	-0.002	185.8	0.0178
653.33	0	192.9	0.0044	653.33	0	185.8	0.0249
653.37	0.004	193.1	0.008	653.37	0	186.1	0.032
653.40	0.004	193.3	0.0115	653.40	0.003	186.5	0.0399
653.43	0.006	193.6	0.016	653.45	0.009	187	0.0488
653.47	0.01	193.8	0.016	653.48	0.009	187.2	0.0524
653.50	0.011	193.8	0.0204	653.52	0.011	187.7	0.0595
653.53	0.011	194	0.0231	653.53	0.016	188.1	0.0675
653.57	0.013	194.2	0.0284	653.57	0.017	188.4	0.0737
653.60	0.016	194.5	0.032	653.60	0.02	188.9	0.0817
653.63	0.017	194.7	0.0346	653.63	0.025	189.3	0.0817
653.67	0.018	194.9	0.0382	653.67	0.026	189.3	0.0897
653.70	0.021	195.2	0.0382	653.70	0.026	189.7	0.095
653.73	0.022	195.2	0.0417	653.73	0.028	190.1	0.1012
653.77	0.022	195.5	0.0444	653.77	0.032	190.5	0.1074
653.80	0.023	195.7	0.047	653.80	0.032	190.9	0.111
653.83	0.025	196	0.0497	653.83	0.034	191.3	0.1163
653.87	0.026	196.2	0.0515	653.87	0.037	191.6	0.1163
653.90	0.026	196.4	0.0533	653.90	0.037	191.6	0.1207
653.93	0.027	196.6	0.0533	653.93	0.037	191.9	0.1234
653.97	0.028	196.7	0.0559	653.97	0.038	192.2	0.126
654.00	0.028	196.7	0.0568	654.00	0.04	192.5	0.1287
654.03	0.029	196.9	0.0568	654.03	0.04	192.7	0.1296
654.07	0.029	197	0.0577	654.07	0.04	192.9	0.1305
654.10	0.029	197.1	0.0586	654.10	0.04	193	0.1305
654.13	0.029	197.2	0.0586	654.13	0.04	193	0.1305
654.17	0.029	197.3	0.0586	654.17	0.04	193.2	0.1305
654.20	0.028	197.4	0.0586	654.20	0.04	193.3	0.1305
654.23	0.028	197.4	0.0577	654.23	0.039	193.4	0.1305
654.27	0.028	197.4	0.0568	654.27	0.038	193.5	0.1287
654.30	0.026	197.4	0.055	654.30	0.036	193.5	0.126
654.33	0.025	197.4	0.0541	654.33	0.033	193.4	0.126
654.37	0.024	197.4	0.0524	654.37	0.032	193.4	0.1234
654.40	0.022	197.3	0.0524	654.40	0.032	193.4	0.1207
654.43	0.02	197.3	0.0497	654.43	0.031	193.3	0.1163
654.47	0.02	197.3	0.0479	654.47	0.026	193.1	0.1118
654.50	0.019	197.2	0.0453	654.50	0.025	193	0.1083
654.53	0.018	197.1	0.0426	654.53	0.023	192.8	0.103
654.57	0.015	196.9	0.0391	654.57	0.019	192.4	0.103
654.60	0.014	196.8	0.0364	654.60	0.017	192.2	0.0968
654.63	0.012	196.6	0.0337	654.63	0.017	192.2	0.0923
654.67	0.009	196.4	0.0337	654.67	0.015	192	0.0852
654.72	0.008	196.2	0.0257	654.70	0.009	191.5	0.0772
654.75	0.007	196.1	0.0231	654.73	0.007	191.2	0.0701
654.77	0.004	195.9	0.0231	654.77	0.005	190.9	0.063
654.80	0.002	195.9	0.0195	654.80	0	190.3	0.063
654.83	0.002	195.7	0.0151	654.83	-0.003	190	0.0541
654.87	0.001	195.4	0.0115	654.87	-0.003	190	0.0479

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
654.90	-0.002	195.1	0.008	654.92	-0.007	189.2	0.0408
654.93	-0.004	194.8	0.0044	654.95	-0.01	188.8	0.0355
654.97	-0.005	194.5	0.0009	654.97	-0.01	188.8	0.0302
655.00	-0.008	194.3	0.0009	655.00	-0.011	188.4	0.0213
655.03	-0.009	194.3	-0.0036	655.03	-0.015	187.8	0.0133
655.07	-0.009	194.1	-0.0062	655.07	-0.019	187.4	0.0071
655.10	-0.01	193.8	-0.0098	655.10	-0.02	187.1	0.0027
655.13	-0.013	193.5	-0.0124	655.13	-0.021	186.6	-0.0027
655.17	-0.013	193.3	-0.0142	655.17	-0.024	186.2	-0.0027
655.20	-0.014	193.1	-0.016	655.20	-0.024	186.2	-0.0071
655.23	-0.016	192.9	-0.016	655.23	-0.025	185.9	-0.0098
655.27	-0.016	192.9	-0.0186	655.27	-0.026	185.5	-0.0133
655.30	-0.016	192.7	-0.0195	655.30	-0.028	185.2	-0.016
655.33	-0.017	192.6	-0.0204	655.33	-0.028	185	-0.0178
655.37	-0.017	192.4	-0.0213	655.37	-0.028	184.7	-0.0195
655.40	-0.017	192.3	-0.0222	655.40	-0.029	184.5	-0.0195
655.43	-0.017	192.1	-0.0222	655.43	-0.029	184.5	-0.0204
655.47	-0.017	192	-0.0222	655.47	-0.029	184.4	-0.0204
655.50	-0.017	192	-0.0222	655.50	-0.028	184.2	-0.0204
655.53	-0.017	192	-0.0222	655.53	-0.028	184.1	-0.0195
655.57	-0.016	191.9	-0.0213	655.57	-0.027	184.1	-0.0186
655.60	-0.015	191.9	-0.0204	655.60	-0.026	184.1	-0.0169
655.63	-0.015	191.8	-0.0195	655.63	-0.024	184.1	-0.0169
655.67	-0.014	191.9	-0.0178	655.67	-0.022	184.1	-0.0151
655.70	-0.012	191.9	-0.0178	655.70	-0.022	184.1	-0.0124
655.73	-0.011	191.9	-0.016	655.73	-0.021	184.2	-0.0098
655.77	-0.011	192	-0.0142	655.77	-0.017	184.4	-0.0053
655.80	-0.01	192.1	-0.0115	655.80	-0.016	184.5	-0.0018
655.83	-0.007	192.2	-0.0089	655.83	-0.014	184.8	0.0036
655.87	-0.006	192.3	-0.0062	655.87	-0.009	185.1	0.0036
655.90	-0.004	192.5	-0.0027	655.90	-0.008	185.1	0.0089
655.93	-0.001	192.7	-0.0027	655.93	-0.008	185.2	0.0142
655.97	0	192.7	0	655.97	-0.006	185.6	0.0204
656.00	0	192.8	0.0036	656.00	0	185.9	0.0293
656.03	0.002	193.1	0.008	656.03	0.001	186.2	0.0355
656.07	0.005	193.3	0.0115	656.07	0.004	186.7	0.0435
656.10	0.006	193.5	0.0151	656.10	0.009	187.1	0.0435
656.15	0.008	193.7	0.0195	656.13	0.011	187.1	0.0515
656.18	0.01	193.9	0.0213	656.17	0.011	187.5	0.0577
656.22	0.012	194.1	0.0249	656.20	0.013	187.9	0.0648
656.23	0.014	194.4	0.0302	656.23	0.019	188.4	0.0737
656.27	0.017	194.6	0.0302	656.27	0.02	188.7	0.0799
656.30	0.017	194.6	0.0337	656.30	0.022	189.2	0.087
656.33	0.017	194.8	0.0364	656.33	0.027	189.6	0.087
656.37	0.019	195.1	0.0408	656.38	0.028	190	0.0985
656.40	0.022	195.4	0.0444	656.42	0.028	190.3	0.103
656.43	0.022	195.6	0.0453	656.43	0.032	190.7	0.103
656.47	0.023	195.8	0.0488	656.47	0.034	190.7	0.1083
656.50	0.025	196.1	0.0488	656.50	0.034	191	0.1136
656.53	0.026	196.1	0.0506	656.53	0.035	191.4	0.1181
656.57	0.026	196.3	0.0533	656.57	0.037	191.7	0.1216
656.60	0.027	196.5	0.0541	656.60	0.038	192	0.1243
656.63	0.027	196.7	0.0559	656.63	0.039	192.3	0.1269
656.67	0.028	196.8	0.0568	656.67	0.04	192.5	0.1269
656.70	0.029	197	0.0577	656.70	0.04	192.5	0.1287
656.73	0.029	197.1	0.0577	656.73	0.04	192.8	0.1305
656.77	0.029	197.1	0.0586	656.77	0.04	193	0.1305
656.80	0.029	197.2	0.0586	656.80	0.04	193.1	0.1314
656.83	0.029	197.3	0.0586	656.83	0.04	193.3	0.1305
656.87	0.028	197.4	0.0577	656.87	0.04	193.4	0.1305
656.90	0.027	197.4	0.0568	656.90	0.039	193.5	0.1305
656.93	0.027	197.5	0.0559	656.93	0.037	193.5	0.1296
656.97	0.026	197.5	0.0559	656.97	0.037	193.5	0.1278

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
657.00	0.024	197.5	0.055	657.00	0.036	193.5	0.1243
657.03	0.024	197.4	0.0533	657.03	0.032	193.4	0.1216
657.07	0.024	197.4	0.0515	657.07	0.031	193.4	0.1189
657.10	0.022	197.4	0.0488	657.10	0.03	193.3	0.1154
657.13	0.02	197.3	0.047	657.13	0.026	193	0.1154
657.17	0.019	197.2	0.0444	657.17	0.024	193	0.111
657.20	0.016	197	0.0444	657.20	0.024	192.9	0.1074
657.23	0.015	197	0.0408	657.23	0.022	192.7	0.1003
657.27	0.015	196.9	0.0382	657.27	0.017	192.3	0.0941
657.30	0.013	196.7	0.0346	657.30	0.015	192.1	0.0888
657.33	0.01	196.5	0.0311	657.33	0.013	191.8	0.0817
657.37	0.009	196.3	0.0284	657.37	0.007	191.4	0.0817
657.40	0.007	196.1	0.0231	657.40	0.006	191.4	0.0737
657.43	0.003	195.9	0.0231	657.43	0.006	191	0.0675
657.47	0.002	195.9	0.0186	657.47	0.004	190.7	0.0595
657.50	0.002	195.7	0.016	657.50	-0.002	190.1	0.0506
657.53	0.001	195.4	0.0115	657.53	-0.004	189.8	0.0444
657.57	-0.002	195.1	0.008	657.57	-0.006	189.4	0.0373
657.62	-0.004	194.9	0.0044	657.60	-0.01	188.8	0.0373
657.65	-0.005	194.7	0.0009	657.63	-0.012	188.4	0.0284
657.67	-0.007	194.4	-0.0018	657.67	-0.012	188.4	0.0222
657.70	-0.008	194.2	-0.0044	657.70	-0.014	188	0.0151
657.73	-0.01	193.9	-0.0089	657.73	-0.018	187.5	0.008
657.77	-0.012	193.6	-0.0089	657.77	-0.02	187.1	0.0036
657.80	-0.013	193.4	-0.0115	657.82	-0.021	186.7	-0.0018
657.83	-0.013	193.4	-0.0133	657.85	-0.023	186.3	-0.0044
657.87	-0.014	193.2	-0.0151	657.88	-0.024	186	-0.008
657.90	-0.015	192.9	-0.0178	657.90	-0.025	185.7	-0.0124
657.93	-0.016	192.8	-0.0195	657.93	-0.027	185.3	-0.0124
657.97	-0.016	192.6	-0.0204	657.97	-0.028	185	-0.0151
658.00	-0.017	192.4	-0.0204	658.00	-0.028	185	-0.0178
658.03	-0.017	192.3	-0.0213	658.03	-0.028	184.8	-0.0186
658.07	-0.017	192.3	-0.0222	658.07	-0.028	184.6	-0.0195
658.10	-0.017	192.2	-0.0222	658.10	-0.029	184.4	-0.0204
658.13	-0.017	192.1	-0.0222	658.13	-0.029	184.3	-0.0204
658.17	-0.017	192	-0.0222	658.17	-0.028	184.1	-0.0204
658.20	-0.017	191.9	-0.0213	658.20	-0.027	184.1	-0.0204
658.23	-0.016	191.9	-0.0213	658.23	-0.027	184.1	-0.0195
658.27	-0.015	191.9	-0.0213	658.27	-0.026	184	-0.0178
658.30	-0.015	191.9	-0.0195	658.30	-0.025	184.1	-0.016
658.33	-0.014	191.8	-0.0178	658.33	-0.023	184.1	-0.0142
658.37	-0.012	191.9	-0.0169	658.37	-0.022	184.1	-0.0107
658.40	-0.011	192	-0.0151	658.40	-0.019	184.4	-0.0071
658.43	-0.01	192	-0.0124	658.43	-0.016	184.5	-0.0071
658.47	-0.008	192.1	-0.0124	658.47	-0.016	184.5	-0.0036
658.50	-0.006	192.3	-0.0098	658.50	-0.015	184.6	0.0009
658.53	-0.006	192.3	-0.0071	658.53	-0.012	184.9	0.0053
658.57	-0.005	192.3	-0.0044	658.57	-0.008	185.1	0.0115
658.60	-0.003	192.6	-0.0009	658.60	-0.007	185.3	0.0178
658.63	0	192.7	0.0018	658.63	-0.003	185.8	0.0249
658.67	0.001	192.9	0.0062	658.67	0.001	186.1	0.0249
658.70	0.004	193.2	0.0062	658.70	0.001	186.1	0.0328
658.73	0.006	193.3	0.0098	658.73	0.002	186.4	0.0391
658.77	0.006	193.3	0.0133	658.77	0.006	187	0.047
658.80	0.007	193.5	0.0178	658.80	0.011	187.3	0.055
658.83	0.01	193.8	0.0213	658.83	0.012	187.6	0.0621
658.87	0.012	194.1	0.024	658.87	0.016	188.2	0.0701
658.90	0.013	194.3	0.0293	658.90	0.02	188.6	0.0701
658.93	0.016	194.6	0.0337	658.93	0.02	188.6	0.0772
658.97	0.019	194.8	0.0337	658.97	0.021	188.9	0.0826
659.00	0.019	194.8	0.0373	659.00	0.024	189.4	0.0905
659.05	0.02	195.2	0.0408	659.03	0.028	189.8	0.0976
659.08	0.022	195.5	0.0408	659.07	0.029	190.1	0.103

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
659.12	0.022	195.5	0.0435	659.10	0.031	190.6	0.1083
659.13	0.022	195.7	0.047	659.13	0.034	191	0.1083
659.17	0.025	196	0.0506	659.17	0.035	191	0.1145
659.20	0.027	196.2	0.0524	659.20	0.035	191.2	0.1181
659.23	0.026	196.3	0.0533	659.23	0.036	191.6	0.1216
659.27	0.027	196.6	0.055	659.28	0.038	192	0.1243
659.30	0.028	196.7	0.055	659.32	0.038	192.2	0.1252
659.33	0.028	196.7	0.0559	659.33	0.039	192.4	0.1278
659.37	0.028	196.9	0.0568	659.37	0.04	192.6	0.1305
659.40	0.029	197	0.0586	659.40	0.041	192.8	0.1314
659.43	0.029	197.1	0.0586	659.43	0.04	193.1	0.1305
659.47	0.029	197.3	0.0586	659.47	0.04	193.3	0.1305
659.50	0.029	197.4	0.0577	659.50	0.04	193.3	0.1305
659.53	0.027	197.4	0.0577	659.53	0.04	193.4	0.1305
659.57	0.027	197.4	0.0568	659.57	0.039	193.5	0.1305
659.60	0.027	197.4	0.0568	659.60	0.037	193.5	0.1287
659.63	0.026	197.4	0.0559	659.63	0.036	193.5	0.1269
659.67	0.025	197.4	0.0541	659.67	0.035	193.5	0.1243
659.70	0.024	197.4	0.0524	659.70	0.031	193.4	0.1243
659.73	0.023	197.4	0.0497	659.73	0.031	193.4	0.1198
659.77	0.02	197.3	0.0497	659.77	0.031	193.4	0.1181
659.80	0.02	197.3	0.0479	659.80	0.028	193.1	0.1136
659.83	0.02	197.2	0.0462	659.83	0.024	193	0.1092
659.87	0.018	197	0.0426	659.87	0.023	192.8	0.1047
659.90	0.015	196.9	0.0391	659.90	0.021	192.5	0.0985
659.93	0.014	196.8	0.0364	659.93	0.016	192.2	0.0985
659.97	0.012	196.6	0.032	659.97	0.014	192.2	0.0914
660.00	0.008	196.4	0.032	660.00	0.014	192	0.0861
660.03	0.008	196.4	0.0284	660.03	0.012	191.5	0.0781
660.07	0.008	196.2	0.0249	660.07	0.006	191.2	0.0701
660.10	0.006	196	0.0222	660.10	0.005	190.9	0.0639
660.13	0.003	195.8	0.0178	660.13	0.002	190.4	0.0559
660.17	0.002	195.6	0.0142	660.17	-0.003	189.9	0.0559
660.20	0	195.2	0.0098	660.20	-0.005	189.9	0.0479
660.23	-0.004	194.9	0.0098	660.23	-0.005	189.6	0.0408
660.27	-0.004	194.9	0.0053	660.27	-0.007	189	0.0337
660.30	-0.004	194.7	0.0027	660.30	-0.012	188.6	0.024
660.33	-0.006	194.4	-0.0018	660.33	-0.013	188.2	0.0186
660.37	-0.009	194.1	-0.0053	660.37	-0.015	187.7	0.0115
660.40	-0.01	193.9	-0.008	660.40	-0.019	187.3	0.0115
660.43	-0.011	193.6	-0.0107	660.43	-0.02	187.3	0.0053
660.47	-0.013	193.4	-0.0107	660.47	-0.02	186.9	0.0009
660.52	-0.014	193.2	-0.0151	660.50	-0.022	186.4	-0.0036
660.55	-0.014	193	-0.0169	660.53	-0.025	186	-0.0089
660.57	-0.016	192.8	-0.0169	660.57	-0.025	185.8	-0.0115
660.60	-0.016	192.8	-0.0186	660.60	-0.026	185.4	-0.0142
660.63	-0.016	192.7	-0.0195	660.63	-0.028	185.1	-0.0142
660.67	-0.016	192.5	-0.0204	660.67	-0.028	185.1	-0.0169
660.70	-0.017	192.3	-0.0222	660.72	-0.029	184.7	-0.0195
660.73	-0.017	192.2	-0.0222	660.75	-0.029	184.5	-0.0195
660.77	-0.017	192.1	-0.0222	660.78	-0.029	184.5	-0.0204
660.80	-0.017	192	-0.0222	660.80	-0.029	184.3	-0.0204
660.83	-0.017	192	-0.0222	660.83	-0.028	184.2	-0.0204
660.87	-0.017	191.9	-0.0222	660.87	-0.028	184.1	-0.0204
660.90	-0.016	191.9	-0.0213	660.90	-0.027	184	-0.0195
660.93	-0.015	191.8	-0.0204	660.93	-0.026	184	-0.0178
660.97	-0.014	191.8	-0.0186	660.97	-0.024	184.1	-0.0178
661.00	-0.013	191.8	-0.0178	661.00	-0.022	184.1	-0.0151
661.03	-0.011	191.9	-0.0178	661.03	-0.022	184.1	-0.0133
661.07	-0.011	191.9	-0.016	661.07	-0.021	184.2	-0.0098
661.10	-0.011	191.9	-0.0142	661.10	-0.017	184.4	-0.0053
661.13	-0.01	192.1	-0.0115	661.13	-0.016	184.5	-0.0027
661.17	-0.007	192.2	-0.0089	661.17	-0.014	184.6	0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
661.20	-0.006	192.3	-0.0062	661.20	-0.01	185	0.0027
661.23	-0.004	192.5	-0.0027	661.23	-0.007	185.2	0.0089
661.27	0	192.7	-0.0027	661.27	-0.007	185.2	0.0142
661.30	0	192.7	0.0009	661.30	-0.006	185.5	0.0204
661.33	0	192.8	0.0036	661.33	-0.002	185.9	0.0284
661.37	0.002	193	0.008	661.37	0.002	186.2	0.0355
661.40	0.005	193.2	0.0115	661.40	0.004	186.5	0.0426
661.43	0.006	193.4	0.0151	661.43	0.008	187.1	0.0515
661.47	0.008	193.7	0.0195	661.47	0.012	187.5	0.0515
661.50	0.012	193.9	0.0195	661.50	0.012	187.5	0.0577
661.53	0.013	193.9	0.024	661.53	0.013	187.8	0.0648
661.57	0.013	194.1	0.0275	661.57	0.017	188.3	0.0728
661.60	0.014	194.4	0.0311	661.60	0.021	188.7	0.0799
661.63	0.017	194.7	0.0355	661.63	0.022	189.1	0.087
661.67	0.018	194.9	0.0382	661.67	0.025	189.6	0.0941
661.70	0.02	195.1	0.0417	661.70	0.029	190	0.0941
661.73	0.023	195.4	0.0417	661.73	0.029	190	0.1003
661.77	0.023	195.4	0.0453	661.77	0.03	190.3	0.1056
661.80	0.023	195.7	0.047	661.80	0.032	190.8	0.111
661.83	0.024	195.9	0.0497	661.83	0.035	191.2	0.1163
661.87	0.026	196.1	0.0524	661.87	0.036	191.4	0.1198
661.90	0.027	196.3	0.0541	661.90	0.037	191.8	0.1234
661.93	0.027	196.5	0.055	661.93	0.039	192.1	0.1234
661.98	0.028	196.7	0.0559	661.97	0.039	192.1	0.126
662.02	0.029	196.8	0.0568	662.00	0.039	192.3	0.1278
662.03	0.028	196.9	0.0568	662.03	0.04	192.6	0.1296
662.07	0.028	197.1	0.0568	662.07	0.04	192.8	0.1305
662.10	0.029	197.2	0.0577	662.10	0.04	193	0.1305
662.13	0.029	197.2	0.0577	662.13	0.04	193.1	0.1314
662.17	0.029	197.3	0.0577	662.18	0.04	193.3	0.1314
662.20	0.029	197.3	0.0586	662.22	0.04	193.4	0.1314
662.23	0.028	197.4	0.0577	662.23	0.039	193.5	0.1296
662.27	0.027	197.5	0.0559	662.27	0.037	193.5	0.1296
662.30	0.025	197.4	0.0559	662.30	0.036	193.5	0.1278
662.33	0.024	197.4	0.0541	662.33	0.036	193.5	0.126
662.37	0.024	197.4	0.0533	662.37	0.034	193.4	0.1225
662.40	0.024	197.4	0.0515	662.40	0.03	193.3	0.1189
662.43	0.022	197.3	0.0497	662.43	0.029	193.3	0.1163
662.47	0.02	197.2	0.047	662.47	0.028	193.1	0.1118
662.50	0.019	197.2	0.0435	662.50	0.023	192.9	0.1118
662.53	0.016	197	0.0435	662.53	0.022	192.9	0.1065
662.57	0.015	196.8	0.0408	662.57	0.022	192.7	0.1021
662.60	0.015	196.8	0.0391	662.60	0.02	192.4	0.0968
662.63	0.013	196.7	0.0346	662.63	0.014	192.1	0.0888
662.67	0.01	196.5	0.0311	662.67	0.013	191.9	0.0826
662.70	0.008	196.3	0.0275	662.70	0.01	191.4	0.0754
662.73	0.007	196.2	0.0222	662.73	0.005	191	0.0754
662.77	0.004	195.9	0.0222	662.77	0.003	191	0.0675
662.80	0.001	195.6	0.0186	662.80	0.003	190.7	0.0612
662.83	0.001	195.6	0.0151	662.83	0.001	190.3	0.0533
662.87	0.001	195.4	0.0124	662.87	-0.005	189.8	0.0444
662.90	-0.001	195	0.008	662.90	-0.006	189.4	0.0382
662.93	-0.004	194.8	0.0044	662.93	-0.008	188.9	0.0302
662.97	-0.005	194.6	0.0009	662.97	-0.014	188.4	0.0302
663.00	-0.007	194.3	0.0009	663.00	-0.014	188.4	0.0213
663.03	-0.01	194	-0.0036	663.03	-0.014	188.1	0.016
663.07	-0.01	194	-0.0071	663.07	-0.016	187.6	0.0098
663.10	-0.01	193.8	-0.0089	663.10	-0.02	187.1	0.0036
663.13	-0.012	193.5	-0.0124	663.13	-0.021	186.7	-0.0009
663.17	-0.014	193.3	-0.0142	663.17	-0.023	186.3	-0.0062
663.20	-0.014	193.1	-0.016	663.20	-0.025	185.9	-0.0062
663.23	-0.015	192.9	-0.0186	663.23	-0.026	185.9	-0.0098
663.27	-0.017	192.7	-0.0186	663.27	-0.026	185.6	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
663.30	-0.017	192.7	-0.0204	663.30	-0.027	185.3	-0.0151
663.33	-0.016	192.5	-0.0204	663.33	-0.028	185	-0.0178
663.37	-0.017	192.4	-0.0213	663.37	-0.029	184.8	-0.0186
663.42	-0.017	192.2	-0.0222	663.40	-0.029	184.6	-0.0195
663.45	-0.017	192.1	-0.0222	663.43	-0.028	184.4	-0.0195
663.48	-0.017	192	-0.0222	663.47	-0.028	184.2	-0.0204
663.50	-0.017	191.9	-0.0222	663.50	-0.028	184.2	-0.0204
663.53	-0.017	191.8	-0.0222	663.53	-0.028	184.2	-0.0204
663.57	-0.016	191.8	-0.0204	663.57	-0.027	184.1	-0.0195
663.60	-0.015	191.8	-0.0204	663.62	-0.026	184.1	-0.0178
663.63	-0.014	191.8	-0.0195	663.65	-0.025	184	-0.016
663.67	-0.014	191.8	-0.0186	663.68	-0.023	184.1	-0.0142
663.70	-0.013	191.9	-0.0169	663.70	-0.022	184.1	-0.0115
663.73	-0.011	191.9	-0.0151	663.73	-0.02	184.2	-0.008
663.77	-0.01	192	-0.0124	663.77	-0.017	184.4	-0.008
663.80	-0.009	192.1	-0.0107	663.80	-0.014	184.6	-0.0036
663.83	-0.006	192.2	-0.0107	663.83	-0.014	184.6	0
663.87	-0.005	192.2	-0.008	663.87	-0.013	184.7	0.0053
663.90	-0.005	192.3	-0.0053	663.90	-0.009	185.1	0.0107
663.93	-0.004	192.5	-0.0018	663.93	-0.006	185.3	0.016
663.97	0	192.7	0.0018	663.97	-0.004	185.6	0.0231
664.00	0.001	192.9	0.0053	664.00	0	186.1	0.0231
664.03	0.003	193.1	0.0098	664.03	0.003	186.4	0.032
664.07	0.006	193.3	0.0098	664.07	0.003	186.4	0.0382
664.10	0.007	193.3	0.0133	664.10	0.005	186.7	0.0462
664.13	0.007	193.5	0.0169	664.13	0.01	187.3	0.0541
664.17	0.009	193.8	0.0204	664.17	0.013	187.6	0.0604
664.20	0.013	194	0.0249	664.20	0.015	188	0.0683
664.23	0.014	194.2	0.0293	664.23	0.019	188.5	0.0683
664.27	0.015	194.5	0.0328	664.27	0.022	188.9	0.0754
664.30	0.018	194.8	0.0328	664.30	0.022	188.9	0.0826
664.33	0.019	194.8	0.0373	664.33	0.023	189.3	0.0897
664.37	0.019	195	0.0391	664.37	0.027	189.8	0.0976
664.40	0.02	195.3	0.0426	664.40	0.03	190.2	0.103
664.43	0.023	195.6	0.0453	664.43	0.031	190.5	0.1083
664.47	0.024	195.8	0.0479	664.47	0.033	191	0.1083
664.50	0.025	196	0.0515	664.50	0.036	191.3	0.1136
664.53	0.026	196.2	0.0515	664.53	0.036	191.3	0.1181
664.57	0.027	196.2	0.0533	664.57	0.036	191.6	0.1207
664.60	0.027	196.4	0.0541	664.60	0.038	191.9	0.1243
664.63	0.027	196.6	0.0559	664.63	0.039	192.2	0.1269
664.67	0.028	196.7	0.0568	664.67	0.039	192.4	0.1287
664.70	0.029	196.9	0.0577	664.70	0.04	192.7	0.1296
664.73	0.029	197	0.0577	664.73	0.04	192.9	0.1296
664.77	0.029	197.1	0.0577	664.77	0.04	192.9	0.1305
664.80	0.029	197.1	0.0586	664.80	0.04	193	0.1305
664.83	0.029	197.2	0.0586	664.83	0.04	193.2	0.1305
664.88	0.028	197.4	0.0586	664.87	0.04	193.3	0.1305
664.92	0.027	197.4	0.0586	664.90	0.039	193.4	0.1296
664.93	0.027	197.4	0.0568	664.93	0.038	193.4	0.1278
664.97	0.027	197.5	0.0559	664.97	0.035	193.4	0.1278
665.00	0.025	197.4	0.0541	665.00	0.034	193.4	0.1252
665.03	0.024	197.4	0.0524	665.03	0.034	193.4	0.1234
665.07	0.023	197.4	0.0506	665.08	0.03	193.3	0.1198
665.10	0.021	197.3	0.0506	665.12	0.028	193.3	0.1181
665.13	0.019	197.3	0.0479	665.13	0.028	193.2	0.1145
665.17	0.019	197.2	0.0462	665.17	0.027	193	0.1101
665.20	0.018	197.1	0.0435	665.20	0.022	192.8	0.1047
665.23	0.015	196.9	0.0399	665.23	0.021	192.6	0.0994
665.27	0.014	196.8	0.0373	665.27	0.019	192.3	0.0932
665.30	0.012	196.7	0.0328	665.30	0.013	191.9	0.0932
665.33	0.009	196.4	0.0328	665.33	0.011	191.9	0.0861
665.37	0.007	196.2	0.0293	665.37	0.011	191.7	0.0799

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
665.40	0.007	196.2	0.0249	665.40	0.009	191.3	0.0719
665.43	0.006	196.1	0.0213	665.43	0.003	190.8	0.0639
665.47	0.003	195.8	0.0178	665.47	0.002	190.5	0.0577
665.50	0.002	195.6	0.0142	665.50	-0.001	190.1	0.0497
665.53	0	195.2	0.0107	665.53	-0.006	189.6	0.0497
665.57	-0.003	194.9	0.0107	665.57	-0.007	189.6	0.0408
665.60	-0.005	194.7	0.0062	665.60	-0.007	189.2	0.0355
665.63	-0.005	194.7	0.0027	665.63	-0.009	188.7	0.0275
665.67	-0.006	194.5	-0.0018	665.67	-0.014	188.2	0.0186
665.70	-0.009	194.2	-0.0053	665.70	-0.016	187.8	0.0133
665.73	-0.01	193.9	-0.008	665.73	-0.017	187.4	0.0071
665.77	-0.011	193.7	-0.0107	665.77	-0.021	186.9	0.0071
665.80	-0.012	193.4	-0.0107	665.80	-0.022	186.9	0.0009
665.83	-0.014	193.2	-0.0124	665.83	-0.022	186.5	-0.0027
665.87	-0.014	193.2	-0.0151	665.87	-0.023	186.2	-0.0071
665.90	-0.015	193	-0.0178	665.90	-0.025	185.8	-0.0115
665.93	-0.016	192.8	-0.0195	665.93	-0.027	185.4	-0.0142
665.97	-0.016	192.6	-0.0204	665.97	-0.027	185.2	-0.016
666.00	-0.017	192.5	-0.0213	666.00	-0.028	184.9	-0.016
666.03	-0.017	192.3	-0.0213	666.03	-0.029	184.7	-0.0186
666.07	-0.017	192.2	-0.0222	666.07	-0.029	184.7	-0.0195
666.10	-0.017	192.2	-0.0222	666.10	-0.029	184.5	-0.0204
666.13	-0.017	192.1	-0.0222	666.13	-0.029	184.3	-0.0204
666.17	-0.017	192	-0.0222	666.17	-0.028	184.2	-0.0204
666.20	-0.017	191.9	-0.0213	666.20	-0.028	184.1	-0.0195
666.23	-0.016	191.9	-0.0204	666.23	-0.027	184.1	-0.0186
666.27	-0.015	191.9	-0.0204	666.27	-0.025	184.1	-0.0186
666.32	-0.014	191.9	-0.0186	666.30	-0.025	184.1	-0.0169
666.35	-0.014	191.8	-0.0178	666.33	-0.024	184	-0.0142
666.38	-0.012	191.9	-0.0178	666.37	-0.022	184.2	-0.0115
666.40	-0.01	192	-0.016	666.40	-0.019	184.3	-0.0089
666.43	-0.01	192	-0.0142	666.43	-0.018	184.3	-0.0053
666.47	-0.009	192	-0.0115	666.47	-0.015	184.6	0
666.50	-0.007	192.2	-0.0089	666.50	-0.012	184.8	0
666.53	-0.005	192.3	-0.0062	666.55	-0.01	185	0.0071
666.57	-0.004	192.4	-0.0036	666.58	-0.009	185.2	0.0115
666.60	-0.002	192.6	0	666.60	-0.005	185.5	0.0115
666.63	0.001	192.8	0	666.63	-0.003	185.5	0.0186
666.67	0.001	192.8	0.0036	666.67	-0.003	185.7	0.0249
666.70	0.002	192.9	0.0071	666.70	0	186.2	0.0337
666.73	0.004	193.2	0.0115	666.73	0.005	186.6	0.0417
666.77	0.007	193.4	0.0151	666.77	0.007	186.9	0.0479
666.80	0.008	193.6	0.0186	666.80	0.01	187.4	0.0559
666.83	0.01	193.9	0.0231	666.83	0.015	187.8	0.0559
666.87	0.014	194.1	0.0231	666.87	0.016	187.8	0.0639
666.90	0.014	194.1	0.0275	666.90	0.016	188.2	0.0701
666.93	0.014	194.3	0.0311	666.93	0.019	188.6	0.0772
666.97	0.016	194.6	0.0346	666.97	0.023	189	0.0861
667.00	0.019	194.9	0.0382	667.00	0.025	189.4	0.0923
667.03	0.019	195.1	0.0399	667.03	0.027	189.9	0.0985
667.07	0.021	195.4	0.0444	667.07	0.031	190.3	0.0985
667.10	0.024	195.7	0.0444	667.10	0.032	190.3	0.1047
667.13	0.024	195.7	0.0479	667.13	0.032	190.6	0.1092
667.17	0.024	195.8	0.0497	667.17	0.033	191.1	0.1145
667.20	0.025	196.1	0.0524	667.20	0.036	191.4	0.1189
667.23	0.027	196.3	0.0541	667.23	0.037	191.7	0.1216
667.27	0.027	196.5	0.055	667.27	0.038	192	0.1252
667.30	0.027	196.7	0.0559	667.30	0.04	192.3	0.1252
667.33	0.028	196.8	0.0559	667.33	0.04	192.3	0.1278
667.37	0.029	196.8	0.0577	667.37	0.04	192.5	0.1287
667.40	0.029	197	0.0577	667.40	0.04	192.7	0.1305
667.43	0.029	197.1	0.0586	667.43	0.04	192.9	0.1305
667.47	0.029	197.2	0.0586	667.47	0.04	193.1	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
667.50	0.029	197.3	0.0586	667.50	0.04	193.2	0.1314
667.53	0.028	197.4	0.0586	667.53	0.04	193.4	0.1314
667.57	0.027	197.4	0.0586	667.57	0.038	193.4	0.1305
667.60	0.026	197.4	0.0568	667.60	0.038	193.4	0.1287
667.63	0.026	197.4	0.0559	667.63	0.037	193.4	0.1269
667.67	0.026	197.4	0.0541	667.67	0.034	193.4	0.1243
667.70	0.024	197.4	0.0533	667.70	0.033	193.4	0.1225
667.73	0.023	197.3	0.0506	667.73	0.031	193.2	0.1181
667.78	0.022	197.3	0.0479	667.77	0.028	193.1	0.1181
667.82	0.02	197.2	0.047	667.80	0.026	193.1	0.1145
667.83	0.019	197.1	0.0444	667.83	0.026	193	0.1101
667.87	0.017	197	0.0417	667.87	0.024	192.8	0.1056
667.90	0.014	196.8	0.0417	667.90	0.019	192.5	0.0994
667.93	0.013	196.8	0.0391	667.93	0.018	192.3	0.0941
667.97	0.013	196.7	0.0355	667.98	0.016	191.9	0.0879
668.00	0.012	196.5	0.032	668.02	0.012	191.7	0.0826
668.03	0.007	196.3	0.0275	668.05	0.01	191.5	0.0772
668.07	0.007	196.1	0.024	668.07	0.008	191	0.0692
668.10	0.006	195.9	0.0204	668.10	0.001	190.6	0.0692
668.13	0.001	195.6	0.0204	668.13	0.001	190.6	0.0604
668.17	0.001	195.6	0.016	668.17	0.001	190.3	0.0541
668.20	0.001	195.4	0.0133	668.20	-0.002	189.8	0.0462
668.23	-0.001	195.1	0.0089	668.23	-0.007	189.3	0.0382
668.27	-0.005	194.8	0.0036	668.27	-0.009	189	0.032
668.30	-0.005	194.6	0.0018	668.30	-0.01	188.5	0.024
668.33	-0.006	194.3	-0.0027	668.33	-0.016	188	0.024
668.37	-0.01	194	-0.0027	668.37	-0.016	188	0.016
668.40	-0.011	194	-0.0062	668.40	-0.016	187.6	0.0107
668.43	-0.011	193.8	-0.0089	668.43	-0.018	187.2	0.0053
668.47	-0.011	193.6	-0.0115	668.47	-0.022	186.7	-0.0018
668.50	-0.013	193.3	-0.0142	668.50	-0.023	186.3	-0.0044
668.53	-0.014	193.1	-0.016	668.53	-0.024	186	-0.0089
668.57	-0.015	192.9	-0.0178	668.57	-0.026	185.6	-0.0089
668.60	-0.016	192.7	-0.0178	668.60	-0.027	185.6	-0.0124
668.63	-0.017	192.5	-0.0195	668.63	-0.027	185.3	-0.0151
668.67	-0.017	192.5	-0.0204	668.67	-0.027	185	-0.0178
668.70	-0.017	192.4	-0.0213	668.70	-0.028	184.8	-0.0186
668.73	-0.017	192.2	-0.0213	668.73	-0.029	184.5	-0.0204
668.77	-0.017	192.1	-0.0222	668.77	-0.029	184.4	-0.0204
668.80	-0.017	192	-0.0222	668.80	-0.029	184.2	-0.0204
668.83	-0.017	191.9	-0.0222	668.83	-0.028	184.1	-0.0204
668.87	-0.016	191.9	-0.0222	668.87	-0.028	184.1	-0.0204
668.90	-0.016	191.9	-0.0213	668.90	-0.027	184	-0.0186
668.93	-0.016	191.8	-0.0204	668.93	-0.026	184.1	-0.0178
668.97	-0.015	191.8	-0.0186	668.97	-0.024	184.1	-0.016
669.00	-0.013	191.8	-0.0178	669.00	-0.023	184.1	-0.0133
669.03	-0.012	191.9	-0.0151	669.03	-0.021	184.2	-0.0133
669.07	-0.011	192	-0.0133	669.07	-0.018	184.3	-0.0107
669.10	-0.009	192	-0.0133	669.10	-0.018	184.3	-0.0071
669.13	-0.009	192	-0.0124	669.13	-0.017	184.4	-0.0027
669.17	-0.008	192.1	-0.0089	669.17	-0.014	184.7	0.0009
669.20	-0.006	192.3	-0.0062	669.20	-0.011	184.9	0.0053
669.25	-0.003	192.4	-0.0036	669.23	-0.009	185.1	0.0124
669.28	-0.003	192.5	-0.0018	669.27	-0.005	185.5	0.0124
669.30	-0.002	192.7	0.0018	669.30	-0.002	185.8	0.0195
669.33	0.002	192.9	0.0053	669.33	-0.002	185.8	0.0249
669.37	0.003	193	0.0089	669.37	-0.001	186	0.0328
669.40	0.005	193.3	0.0124	669.40	0.004	186.5	0.0417
669.43	0.008	193.5	0.0124	669.45	0.008	187	0.0488
669.47	0.009	193.5	0.0169	669.48	0.008	187.2	0.0524
669.50	0.009	193.7	0.0204	669.50	0.012	187.6	0.0604
669.53	0.011	194	0.024	669.53	0.015	188	0.0675
669.57	0.014	194.2	0.0293	669.57	0.017	188.4	0.0746

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
669.60	0.015	194.4	0.032	669.60	0.021	188.9	0.0826
669.63	0.017	194.7	0.0364	669.63	0.024	189.3	0.0826
669.67	0.02	195	0.0364	669.67	0.024	189.3	0.0897
669.70	0.02	195	0.0399	669.70	0.026	189.6	0.095
669.73	0.02	195.2	0.0426	669.73	0.029	190.1	0.1021
669.77	0.022	195.5	0.0453	669.77	0.032	190.5	0.1074
669.80	0.024	195.7	0.0479	669.80	0.032	190.8	0.1118
669.83	0.025	195.9	0.0506	669.83	0.035	191.3	0.1172
669.87	0.026	196.1	0.0524	669.87	0.037	191.6	0.1172
669.90	0.027	196.4	0.0524	669.90	0.037	191.6	0.1207
669.93	0.027	196.4	0.0541	669.93	0.037	191.9	0.1243
669.97	0.027	196.5	0.055	669.97	0.039	192.2	0.1269
670.00	0.028	196.7	0.0568	670.00	0.04	192.4	0.1287
670.03	0.029	196.9	0.0577	670.03	0.04	192.6	0.1296
670.07	0.029	197	0.0577	670.07	0.04	192.8	0.1305
670.10	0.029	197.1	0.0586	670.10	0.04	193	0.1305
670.13	0.029	197.2	0.0586	670.13	0.04	193	0.1305
670.17	0.028	197.2	0.0586	670.17	0.04	193.2	0.1314
670.20	0.028	197.3	0.0586	670.20	0.04	193.3	0.1314
670.23	0.028	197.4	0.0577	670.23	0.039	193.4	0.1305
670.27	0.027	197.4	0.0568	670.27	0.038	193.4	0.1287
670.30	0.026	197.4	0.055	670.30	0.036	193.4	0.126
670.33	0.025	197.4	0.0541	670.33	0.033	193.4	0.126
670.37	0.023	197.4	0.0541	670.37	0.032	193.4	0.1234
670.40	0.022	197.4	0.0524	670.40	0.032	193.3	0.1207
670.43	0.022	197.3	0.0497	670.43	0.031	193.2	0.1172
670.47	0.021	197.2	0.047	670.47	0.026	193	0.1127
670.50	0.018	197.1	0.0444	670.50	0.025	192.9	0.1092
670.53	0.017	197	0.0426	670.53	0.023	192.6	0.103
670.57	0.016	196.9	0.0391	670.57	0.018	192.4	0.103
670.60	0.012	196.7	0.0391	670.60	0.017	192.4	0.0968
670.63	0.011	196.7	0.0355	670.63	0.017	192.2	0.0914
670.68	0.01	196.4	0.0311	670.67	0.014	191.8	0.0843
670.72	0.008	196.2	0.0311	670.70	0.009	191.4	0.0772
670.73	0.006	196.2	0.0275	670.73	0.007	191.2	0.0701
670.77	0.006	196	0.0222	670.77	0.005	190.7	0.0621
670.80	0.005	195.8	0.0186	670.80	-0.001	190.3	0.0621
670.83	0.001	195.5	0.0142	670.83	-0.002	190.3	0.0541
670.87	0	195.2	0.0107	670.88	-0.004	189.6	0.0435
670.90	-0.002	195	0.0071	670.92	-0.007	189.2	0.0435
670.93	-0.005	194.7	0.0071	670.95	-0.009	189.2	0.0373
670.97	-0.006	194.4	0.0027	670.97	-0.009	188.8	0.0293
671.00	-0.006	194.4	0	671.00	-0.012	188.3	0.0204
671.03	-0.007	194.2	-0.0036	671.03	-0.017	187.8	0.0133
671.07	-0.01	193.9	-0.008	671.07	-0.017	187.4	0.0089
671.10	-0.011	193.7	-0.0098	671.10	-0.019	187	0.0018
671.13	-0.012	193.5	-0.0124	671.13	-0.023	186.5	0.0018
671.17	-0.014	193.2	-0.0124	671.17	-0.023	186.5	-0.0036
671.20	-0.015	193	-0.0151	671.20	-0.023	186.2	-0.0062
671.23	-0.015	193	-0.0169	671.23	-0.025	185.8	-0.0107
671.27	-0.015	192.8	-0.0186	671.27	-0.027	185.4	-0.0142
671.30	-0.016	192.6	-0.0195	671.30	-0.027	185.2	-0.016
671.33	-0.017	192.4	-0.0213	671.33	-0.028	184.9	-0.0178
671.37	-0.017	192.3	-0.0222	671.37	-0.029	184.7	-0.0178
671.40	-0.017	192.2	-0.0222	671.40	-0.029	184.5	-0.0195
671.43	-0.017	192.1	-0.0222	671.43	-0.029	184.5	-0.0204
671.47	-0.017	192.1	-0.0222	671.47	-0.028	184.3	-0.0204
671.50	-0.017	192	-0.0222	671.50	-0.028	184.2	-0.0204
671.53	-0.017	191.9	-0.0222	671.53	-0.028	184.1	-0.0195
671.57	-0.016	191.9	-0.0213	671.57	-0.027	184	-0.0186
671.60	-0.016	191.8	-0.0204	671.60	-0.025	184	-0.0186
671.63	-0.014	191.9	-0.0204	671.63	-0.024	184	-0.0169
671.67	-0.013	191.9	-0.0186	671.67	-0.024	184	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
671.70	-0.013	191.9	-0.0178	671.70	-0.023	184.1	-0.0115
671.73	-0.012	191.9	-0.0151	671.73	-0.019	184.2	-0.0089
671.77	-0.01	192	-0.0124	671.77	-0.018	184.3	-0.0062
671.80	-0.008	192.1	-0.0098	671.80	-0.016	184.5	-0.0009
671.83	-0.007	192.2	-0.008	671.83	-0.012	184.7	-0.0009
671.87	-0.005	192.3	-0.0053	671.87	-0.01	185	0.0036
671.90	-0.003	192.5	-0.0053	671.90	-0.01	185	0.0089
671.93	-0.003	192.5	-0.0027	671.93	-0.008	185.2	0.0151
671.97	-0.002	192.6	0.0018	671.97	-0.004	185.6	0.0222
672.00	0.001	192.9	0.0053	672.00	-0.001	185.9	0.0293
672.03	0.003	193	0.0089	672.03	0.001	186.2	0.0364
672.07	0.004	193.2	0.0124	672.07	0.005	186.7	0.0364
672.10	0.007	193.5	0.0169	672.10	0.009	187.1	0.0444
672.15	0.01	193.7	0.0204	672.13	0.009	187.1	0.0515
672.18	0.01	193.9	0.0222	672.17	0.011	187.4	0.0586
672.20	0.012	194.1	0.0257	672.20	0.015	187.9	0.0666
672.23	0.015	194.4	0.0257	672.23	0.018	188.3	0.0737
672.27	0.016	194.4	0.0302	672.27	0.02	188.7	0.0817
672.30	0.016	194.6	0.0337	672.30	0.023	189.2	0.0817
672.33	0.017	194.9	0.0373	672.35	0.026	189.6	0.095
672.37	0.02	195.1	0.0408	672.38	0.027	189.9	0.0985
672.40	0.021	195.3	0.0444	672.40	0.029	190.3	0.1047
672.43	0.023	195.6	0.047	672.43	0.032	190.7	0.1047
672.47	0.025	195.9	0.047	672.47	0.033	190.7	0.1101
672.50	0.025	195.9	0.0497	672.50	0.033	191	0.1145
672.53	0.025	196	0.0515	672.53	0.035	191.4	0.1189
672.57	0.026	196.3	0.0533	672.57	0.037	191.7	0.1225
672.60	0.028	196.5	0.055	672.60	0.038	192	0.1243
672.63	0.028	196.6	0.0559	672.63	0.039	192.3	0.1269
672.67	0.028	196.8	0.0577	672.67	0.04	192.5	0.1269
672.70	0.029	196.9	0.0577	672.70	0.04	192.5	0.1287
672.73	0.029	196.9	0.0577	672.73	0.04	192.7	0.1296
672.77	0.029	197	0.0577	672.77	0.04	192.9	0.1305
672.80	0.029	197.1	0.0586	672.80	0.04	193.1	0.1314
672.83	0.029	197.2	0.0586	672.83	0.04	193.2	0.1314
672.87	0.028	197.3	0.0586	672.87	0.04	193.3	0.1314
672.90	0.028	197.4	0.0577	672.90	0.038	193.4	0.1314
672.93	0.026	197.4	0.0577	672.93	0.037	193.4	0.1296
672.97	0.026	197.4	0.0559	672.97	0.037	193.4	0.1278
673.00	0.026	197.4	0.055	673.00	0.036	193.4	0.1252
673.03	0.024	197.4	0.0524	673.03	0.032	193.3	0.1225
673.07	0.023	197.3	0.0506	673.07	0.031	193.3	0.1198
673.10	0.021	197.3	0.0488	673.10	0.03	193.1	0.1154
673.13	0.02	197.2	0.0462	673.13	0.025	193	0.1154
673.17	0.017	197	0.0462	673.17	0.024	193	0.111
673.20	0.016	197	0.0435	673.20	0.024	192.8	0.1065
673.23	0.016	197	0.0417	673.23	0.022	192.6	0.1012
673.27	0.014	196.8	0.0364	673.27	0.017	192.3	0.095
673.30	0.011	196.6	0.0337	673.30	0.016	192.1	0.0888
673.33	0.01	196.4	0.032	673.33	0.013	191.6	0.0817
673.37	0.009	196.3	0.0275	673.37	0.007	191.2	0.0817
673.40	0.005	196	0.0275	673.40	0.006	191.2	0.0728
673.43	0.004	196	0.0222	673.43	0.006	191	0.0675
673.47	0.004	195.8	0.0195	673.47	0.004	190.5	0.0595
673.50	0.002	195.6	0.0151	673.50	-0.002	190.1	0.0515
673.53	0	195.2	0.0115	673.53	-0.003	189.7	0.0444
673.58	-0.002	195	0.008	673.57	-0.006	189.2	0.0364
673.62	-0.003	194.8	0.0053	673.60	-0.011	188.7	0.0364
673.65	-0.006	194.5	0.0009	673.63	-0.012	188.7	0.0284
673.67	-0.007	194.3	-0.0018	673.67	-0.012	188.4	0.0222
673.70	-0.008	194.1	-0.0053	673.70	-0.014	187.9	0.0151
673.73	-0.011	193.8	-0.0053	673.73	-0.019	187.4	0.008
673.77	-0.012	193.5	-0.0089	673.77	-0.02	187.1	0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
673.80	-0.012	193.5	-0.0115	673.82	-0.021	186.7	0
673.83	-0.013	193.3	-0.0133	673.85	-0.023	186.3	-0.0036
673.87	-0.014	193.1	-0.016	673.87	-0.024	186	-0.008
673.90	-0.015	192.9	-0.0169	673.90	-0.025	185.6	-0.0115
673.93	-0.015	192.7	-0.0186	673.93	-0.028	185.3	-0.0115
673.97	-0.017	192.5	-0.0186	673.97	-0.027	185.3	-0.016
674.00	-0.017	192.4	-0.0204	674.00	-0.027	185	-0.0178
674.03	-0.017	192.4	-0.0213	674.03	-0.028	184.8	-0.0186
674.07	-0.017	192.2	-0.0222	674.07	-0.029	184.5	-0.0195
674.10	-0.017	192.1	-0.0222	674.10	-0.029	184.4	-0.0204
674.13	-0.017	192	-0.0222	674.13	-0.029	184.2	-0.0204
674.17	-0.017	191.9	-0.0222	674.17	-0.028	184.1	-0.0204
674.20	-0.017	191.9	-0.0222	674.20	-0.027	184.1	-0.0204
674.23	-0.016	191.8	-0.0213	674.23	-0.027	184	-0.0195
674.27	-0.016	191.8	-0.0204	674.27	-0.026	184	-0.0178
674.30	-0.015	191.8	-0.0186	674.30	-0.024	184	-0.016
674.33	-0.014	191.8	-0.0178	674.33	-0.023	184	-0.0142
674.37	-0.012	191.9	-0.016	674.37	-0.022	184.1	-0.0107
674.40	-0.012	191.9	-0.0151	674.40	-0.019	184.3	-0.0107
674.43	-0.01	192	-0.0124	674.43	-0.016	184.4	-0.0071
674.47	-0.007	192.1	-0.0124	674.47	-0.016	184.4	-0.0036
674.50	-0.007	192.1	-0.0098	674.50	-0.015	184.5	0.0009
674.53	-0.006	192.2	-0.0062	674.53	-0.011	184.8	0.0062
674.57	-0.004	192.4	-0.0036	674.57	-0.009	185	0.0107
674.60	-0.002	192.5	-0.0009	674.60	-0.007	185.3	0.0178
674.63	-0.001	192.6	0.0027	674.63	-0.002	185.7	0.0178
674.67	0.001	192.9	0.0071	674.67	0.001	186	0.0249
674.70	0.004	193.1	0.0071	674.70	0.001	186	0.032
674.73	0.004	193.1	0.0107	674.73	0.002	186.3	0.0391
674.77	0.005	193.3	0.0142	674.77	0.007	186.8	0.0479
674.80	0.008	193.6	0.0186	674.80	0.01	187.2	0.0541
674.83	0.011	193.8	0.0222	674.83	0.012	187.6	0.0621
674.87	0.012	194	0.0249	674.87	0.016	188.1	0.0621
674.90	0.013	194.3	0.0293	674.90	0.019	188.5	0.071
674.93	0.016	194.5	0.0293	674.93	0.019	188.5	0.0772
674.97	0.018	194.5	0.0337	674.97	0.021	188.9	0.0843
675.00	0.018	194.8	0.0373	675.00	0.024	189.4	0.0914
675.05	0.021	195.2	0.0399	675.03	0.027	189.8	0.0976
675.08	0.022	195.2	0.0426	675.07	0.029	190.1	0.1039
675.10	0.022	195.4	0.0453	675.10	0.032	190.6	0.1092
675.13	0.023	195.7	0.0479	675.13	0.034	190.9	0.1092
675.17	0.025	196	0.0506	675.17	0.034	190.9	0.1145
675.20	0.026	196.1	0.0515	675.20	0.035	191.2	0.1189
675.23	0.026	196.3	0.0533	675.25	0.038	191.9	0.1225
675.27	0.027	196.5	0.0533	675.28	0.038	191.9	0.1243
675.30	0.028	196.5	0.0559	675.30	0.038	192.1	0.126
675.33	0.028	196.7	0.0568	675.33	0.039	192.4	0.1287
675.37	0.028	196.8	0.0577	675.37	0.04	192.6	0.1296
675.40	0.029	197	0.0577	675.40	0.04	192.8	0.1305
675.43	0.029	197.1	0.0586	675.43	0.04	193	0.1314
675.47	0.029	197.2	0.0586	675.47	0.04	193.1	0.1314
675.50	0.029	197.3	0.0586	675.50	0.04	193.1	0.1314
675.53	0.028	197.3	0.0586	675.53	0.04	193.3	0.1314
675.57	0.028	197.3	0.0577	675.57	0.039	193.4	0.1305
675.60	0.027	197.4	0.0559	675.60	0.037	193.4	0.1287
675.63	0.026	197.4	0.055	675.63	0.037	193.5	0.1269
675.67	0.025	197.4	0.0541	675.67	0.035	193.4	0.1234
675.70	0.024	197.4	0.0524	675.70	0.032	193.3	0.1234
675.73	0.022	197.3	0.0524	675.73	0.031	193.3	0.1207
675.77	0.021	197.3	0.0506	675.77	0.031	193.3	0.1181
675.80	0.021	197.2	0.0479	675.80	0.029	193	0.1136
675.83	0.019	197.1	0.0453	675.83	0.024	192.9	0.1083
675.87	0.016	197	0.0426	675.87	0.023	192.7	0.1047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
675.90	0.015	196.9	0.0399	675.90	0.021	192.4	0.0985
675.93	0.014	196.8	0.0364	675.93	0.015	192.1	0.0985
675.97	0.011	196.5	0.0364	675.97	0.014	192.1	0.0914
676.00	0.009	196.4	0.0328	676.00	0.014	191.9	0.0861
676.03	0.009	196.4	0.0302	676.03	0.012	191.5	0.0781
676.07	0.008	196.2	0.0249	676.07	0.006	191.1	0.0701
676.10	0.005	195.9	0.0204	676.10	0.004	190.8	0.0648
676.13	0.003	195.7	0.0178	676.13	0.002	190.4	0.0568
676.17	0.002	195.5	0.0142	676.17	-0.003	189.9	0.0568
676.20	-0.001	195.1	0.0142	676.20	-0.005	189.9	0.0479
676.23	-0.004	194.9	0.0089	676.23	-0.005	189.5	0.0417
676.27	-0.004	194.9	0.0053	676.27	-0.007	189.1	0.0337
676.30	-0.005	194.7	0.0018	676.30	-0.012	188.6	0.0249
676.33	-0.007	194.3	-0.0018	676.33	-0.013	188.2	0.0195
676.37	-0.008	194.1	-0.0044	676.37	-0.015	187.8	0.0124
676.40	-0.009	193.9	-0.008	676.40	-0.019	187.3	0.0124
676.43	-0.012	193.6	-0.008	676.43	-0.02	187.3	0.0053
676.48	-0.013	193.4	-0.0133	676.47	-0.02	186.8	0.0009
676.52	-0.013	193.2	-0.0142	676.50	-0.022	186.4	-0.0036
676.55	-0.014	193	-0.016	676.53	-0.025	186	-0.0089
676.57	-0.016	192.8	-0.016	676.57	-0.026	185.7	-0.0115
676.60	-0.016	192.8	-0.0186	676.60	-0.026	185.4	-0.0142
676.63	-0.016	192.6	-0.0195	676.63	-0.027	185.1	-0.0142
676.67	-0.017	192.4	-0.0204	676.67	-0.028	185.1	-0.0169
676.70	-0.017	192.3	-0.0213	676.72	-0.029	184.6	-0.0204
676.73	-0.017	192.1	-0.0213	676.75	-0.029	184.4	-0.0204
676.77	-0.017	192	-0.0222	676.77	-0.029	184.3	-0.0204
676.80	-0.017	191.9	-0.0222	676.80	-0.029	184.3	-0.0204
676.83	-0.017	191.9	-0.0222	676.83	-0.028	184.1	-0.0204
676.87	-0.017	191.8	-0.0222	676.87	-0.028	184	-0.0195
676.90	-0.016	191.8	-0.0213	676.90	-0.027	184	-0.0186
676.93	-0.015	191.8	-0.0195	676.93	-0.026	184	-0.0169
676.97	-0.014	191.8	-0.0186	676.97	-0.024	184	-0.0169
677.00	-0.014	191.8	-0.0178	677.00	-0.022	184	-0.0151
677.03	-0.012	191.8	-0.0178	677.03	-0.022	184	-0.0124
677.07	-0.011	191.8	-0.016	677.07	-0.021	184.1	-0.0098
677.10	-0.011	191.9	-0.0142	677.10	-0.018	184.3	-0.0062
677.13	-0.01	192	-0.0115	677.13	-0.015	184.4	-0.0018
677.17	-0.007	192.1	-0.0089	677.17	-0.014	184.6	0.0027
677.20	-0.006	192.2	-0.0062	677.20	-0.01	184.9	0.0027
677.23	-0.004	192.4	-0.0027	677.23	-0.007	185.1	0.008
677.27	-0.001	192.6	-0.0027	677.27	-0.007	185.1	0.0133
677.30	0	192.7	0.0009	677.30	-0.005	185.4	0.0213
677.33	0	192.7	0.0036	677.33	-0.001	185.8	0.0293
677.37	0.001	192.9	0.0071	677.37	0.002	186.2	0.0355
677.40	0.005	193.2	0.0115	677.40	0.004	186.5	0.0426
677.43	0.006	193.3	0.0151	677.43	0.008	187	0.0426
677.47	0.008	193.6	0.0195	677.47	0.012	187.4	0.0506
677.50	0.011	193.9	0.0195	677.50	0.012	187.4	0.0577
677.53	0.013	194.1	0.024	677.53	0.013	187.7	0.0648
677.57	0.013	194.1	0.0275	677.57	0.017	188.3	0.0737
677.60	0.014	194.3	0.0311	677.60	0.021	188.7	0.0808
677.63	0.016	194.6	0.0346	677.63	0.022	189	0.087
677.67	0.019	194.8	0.0391	677.67	0.025	189.5	0.0941
677.70	0.02	195	0.0426	677.70	0.029	189.9	0.0941
677.73	0.022	195.3	0.0426	677.73	0.029	189.9	0.1003
677.77	0.023	195.6	0.0444	677.77	0.03	190.3	0.1056
677.80	0.023	195.6	0.047	677.80	0.032	190.7	0.111
677.83	0.024	195.8	0.0497	677.83	0.035	191.1	0.1163
677.87	0.025	196.1	0.0524	677.87	0.036	191.4	0.1198
677.90	0.027	196.2	0.0541	677.90	0.038	191.8	0.1234
677.95	0.027	196.4	0.055	677.93	0.039	192	0.1234
677.98	0.027	196.6	0.0559	677.97	0.039	192	0.126

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
678.00	0.028	196.7	0.0568	678.00	0.039	192.3	0.1278
678.03	0.029	196.9	0.0577	678.03	0.04	192.5	0.1296
678.07	0.029	197	0.0586	678.07	0.04	192.7	0.1305
678.10	0.029	197.1	0.0586	678.10	0.04	192.9	0.1314
678.13	0.029	197.1	0.0586	678.15	0.04	193.1	0.1314
678.17	0.029	197.2	0.0586	678.18	0.04	193.2	0.1314
678.20	0.028	197.3	0.0586	678.22	0.04	193.4	0.1314
678.23	0.028	197.3	0.0586	678.23	0.039	193.4	0.1305
678.27	0.027	197.4	0.0568	678.27	0.037	193.4	0.1305
678.30	0.026	197.4	0.055	678.30	0.036	193.4	0.1278
678.33	0.024	197.4	0.055	678.33	0.036	193.4	0.126
678.37	0.023	197.4	0.0533	678.37	0.034	193.4	0.1234
678.40	0.023	197.3	0.0524	678.40	0.031	193.3	0.1198
678.43	0.023	197.2	0.0497	678.43	0.03	193.2	0.1163
678.47	0.02	197.2	0.047	678.47	0.027	193	0.1118
678.50	0.018	197.1	0.0453	678.50	0.023	192.8	0.1118
678.53	0.017	196.9	0.0426	678.53	0.022	192.8	0.1074
678.57	0.014	196.8	0.0426	678.57	0.022	192.6	0.1021
678.60	0.013	196.8	0.0391	678.60	0.019	192.3	0.0968
678.63	0.013	196.7	0.0355	678.63	0.014	192	0.0897
678.67	0.011	196.5	0.032	678.67	0.013	191.8	0.0834
678.70	0.008	196.2	0.0284	678.70	0.01	191.3	0.0763
678.73	0.007	196.1	0.024	678.73	0.005	191	0.0763
678.77	0.005	195.8	0.0204	678.77	0.003	191	0.0683
678.80	0.001	195.6	0.0204	678.80	0.003	190.6	0.0612
678.83	0.001	195.6	0.016	678.83	0.001	190.1	0.0533
678.87	0.001	195.3	0.0124	678.87	-0.005	189.7	0.0444
678.90	-0.001	195	0.008	678.90	-0.006	189.4	0.0391
678.93	-0.005	194.7	0.0036	678.93	-0.008	188.8	0.0311
678.97	-0.006	194.5	0.0009	678.97	-0.013	188.4	0.0311
679.00	-0.007	194.3	-0.0018	679.00	-0.014	188.4	0.0222
679.03	-0.009	194	-0.0018	679.03	-0.014	188	0.016
679.07	-0.01	194	-0.0053	679.07	-0.016	187.5	0.0098
679.10	-0.01	193.8	-0.0089	679.10	-0.02	187.1	0.0027
679.13	-0.012	193.5	-0.0115	679.13	-0.021	186.7	-0.0009
679.17	-0.014	193.2	-0.0142	679.17	-0.023	186.2	-0.0062
679.20	-0.014	193	-0.016	679.20	-0.026	185.9	-0.0062
679.23	-0.015	192.8	-0.0178	679.23	-0.026	185.9	-0.0107
679.27	-0.017	192.6	-0.0178	679.27	-0.026	185.6	-0.0124
679.30	-0.017	192.6	-0.0195	679.30	-0.027	185.3	-0.0151
679.33	-0.017	192.5	-0.0204	679.33	-0.028	184.9	-0.0186
679.37	-0.017	192.3	-0.0213	679.37	-0.029	184.7	-0.0195
679.42	-0.017	192.2	-0.0213	679.40	-0.028	184.5	-0.0195
679.45	-0.017	192.1	-0.0222	679.43	-0.029	184.3	-0.0195
679.47	-0.017	192	-0.0222	679.47	-0.028	184.3	-0.0204
679.50	-0.017	191.9	-0.0222	679.50	-0.028	184.2	-0.0204
679.53	-0.017	191.8	-0.0213	679.53	-0.028	184.1	-0.0204
679.57	-0.016	191.8	-0.0204	679.57	-0.026	184	-0.0186
679.60	-0.015	191.8	-0.0204	679.62	-0.026	184	-0.0178
679.63	-0.014	191.8	-0.0195	679.65	-0.025	183.9	-0.0169
679.67	-0.014	191.7	-0.0178	679.67	-0.023	184	-0.0142
679.70	-0.013	191.8	-0.016	679.70	-0.021	184.1	-0.0115
679.73	-0.011	191.9	-0.0142	679.73	-0.02	184.1	-0.008
679.77	-0.01	191.9	-0.0124	679.77	-0.016	184.4	-0.008
679.80	-0.009	192	-0.0098	679.80	-0.015	184.5	-0.0036
679.83	-0.006	192.2	-0.0098	679.83	-0.015	184.5	0
679.87	-0.005	192.3	-0.0071	679.87	-0.013	184.7	0.0053
679.90	-0.005	192.3	-0.0044	679.90	-0.009	185	0.0107
679.93	-0.003	192.4	-0.0009	679.93	-0.006	185.3	0.0169
679.97	-0.001	192.6	0.0018	679.97	-0.004	185.5	0.0231
680.00	0.001	192.8	0.0053	680.00	0.001	186	0.0231
680.03	0.002	193	0.0098	680.03	0.003	186.3	0.032
680.07	0.006	193.3	0.0098	680.07	0.003	186.3	0.0382

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
680.10	0.008	193.5	0.0142	680.10	0.005	186.6	0.0462
680.13	0.008	193.5	0.0169	680.13	0.01	187.2	0.055
680.17	0.009	193.6	0.0213	680.17	0.013	187.6	0.0612
680.20	0.012	193.9	0.0257	680.20	0.015	187.9	0.0692
680.23	0.014	194.2	0.0293	680.23	0.019	188.4	0.0692
680.27	0.015	194.4	0.0337	680.27	0.022	188.8	0.0763
680.30	0.017	194.7	0.0337	680.30	0.022	188.8	0.0834
680.33	0.02	194.9	0.0373	680.33	0.023	189.2	0.0897
680.37	0.02	194.9	0.0408	680.37	0.027	189.7	0.0968
680.40	0.02	195.1	0.0435	680.40	0.03	190.1	0.103
680.43	0.022	195.4	0.0462	680.43	0.031	190.4	0.1083
680.47	0.024	195.7	0.0488	680.47	0.033	190.9	0.1083
680.50	0.024	195.9	0.0506	680.50	0.035	191.2	0.1136
680.53	0.026	196.1	0.0533	680.53	0.035	191.2	0.1181
680.57	0.027	196.3	0.0533	680.57	0.036	191.5	0.1216
680.60	0.027	196.3	0.055	680.60	0.038	191.9	0.1252
680.63	0.028	196.5	0.0568	680.63	0.039	192.1	0.1278
680.67	0.028	196.7	0.0577	680.67	0.04	192.4	0.1287
680.70	0.029	196.8	0.0586	680.70	0.04	192.6	0.1296
680.73	0.029	196.9	0.0586	680.73	0.04	192.8	0.1296
680.77	0.029	197.1	0.0586	680.77	0.04	192.8	0.1305
680.80	0.029	197.2	0.0586	680.80	0.04	193	0.1314
680.85	0.028	197.3	0.0586	680.83	0.04	193.1	0.1314
680.88	0.028	197.3	0.0586	680.87	0.04	193.3	0.1314
680.92	0.028	197.4	0.0586	680.90	0.039	193.4	0.1305
680.93	0.027	197.4	0.0577	680.93	0.038	193.4	0.1278
680.97	0.027	197.4	0.0568	680.97	0.035	193.3	0.1278
681.00	0.025	197.4	0.0541	681.00	0.034	193.3	0.126
681.03	0.024	197.3	0.0533	681.05	0.032	193.3	0.1216
681.07	0.023	197.3	0.0515	681.08	0.031	193.3	0.1216
681.10	0.022	197.2	0.0488	681.12	0.029	193.3	0.1198
681.13	0.019	197.1	0.0488	681.13	0.029	193.1	0.1154
681.17	0.018	197.1	0.0462	681.17	0.027	192.9	0.1101
681.20	0.018	197	0.0435	681.20	0.022	192.7	0.1047
681.23	0.017	196.9	0.0408	681.23	0.021	192.5	0.1003
681.27	0.013	196.7	0.0364	681.27	0.019	192.2	0.0932
681.30	0.012	196.6	0.0346	681.30	0.013	191.8	0.0932
681.33	0.011	196.3	0.0302	681.33	0.012	191.8	0.0861
681.37	0.007	196.1	0.0302	681.37	0.012	191.6	0.0799
681.40	0.006	196.1	0.0257	681.40	0.009	191.2	0.0719
681.43	0.006	196	0.0231	681.43	0.003	190.7	0.063
681.47	0.004	195.7	0.0186	681.47	0.002	190.4	0.0577
681.50	0	195.4	0.0142	681.50	0	190	0.0497
681.53	0	195.2	0.0107	681.53	-0.006	189.5	0.0497
681.57	-0.002	194.9	0.0071	681.57	-0.007	189.5	0.0408
681.60	-0.005	194.6	0.0071	681.60	-0.007	189.1	0.0346
681.63	-0.006	194.6	0.0036	681.63	-0.009	188.6	0.0275
681.67	-0.006	194.4	0	681.67	-0.015	188.1	0.0186
681.70	-0.007	194.1	-0.0036	681.70	-0.015	187.8	0.0133
681.73	-0.011	193.8	-0.0071	681.73	-0.017	187.4	0.0071
681.77	-0.011	193.7	-0.0098	681.77	-0.021	186.8	0.0071
681.80	-0.012	193.4	-0.0124	681.80	-0.022	186.8	0.0009
681.83	-0.014	193.1	-0.0124	681.83	-0.022	186.5	-0.0027
681.87	-0.014	193.1	-0.0151	681.87	-0.023	186.1	-0.0071
681.90	-0.014	193	-0.016	681.90	-0.026	185.7	-0.0115
681.93	-0.015	192.8	-0.0178	681.93	-0.027	185.4	-0.0142
681.97	-0.017	192.6	-0.0195	681.97	-0.027	185.1	-0.016
682.00	-0.017	192.4	-0.0204	682.00	-0.028	184.8	-0.016
682.03	-0.017	192.3	-0.0213	682.03	-0.028	184.8	-0.0178
682.07	-0.017	192.1	-0.0213	682.07	-0.028	184.6	-0.0195
682.10	-0.017	192.1	-0.0213	682.10	-0.029	184.4	-0.0204
682.13	-0.017	192	-0.0222	682.13	-0.029	184.3	-0.0204
682.17	-0.017	191.9	-0.0222	682.17	-0.028	184.1	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
682.20	-0.016	191.9	-0.0213	682.20	-0.028	184	-0.0195
682.23	-0.016	191.8	-0.0204	682.23	-0.026	184	-0.0195
682.27	-0.015	191.8	-0.0195	682.27	-0.025	184	-0.0178
682.32	-0.014	191.8	-0.0178	682.30	-0.025	184	-0.0169
682.35	-0.014	191.8	-0.0169	682.33	-0.024	184	-0.0142
682.37	-0.012	191.8	-0.0151	682.37	-0.022	184.1	-0.0115
682.40	-0.01	191.9	-0.0151	682.40	-0.02	184.2	-0.0089
682.43	-0.009	191.9	-0.0133	682.43	-0.018	184.3	-0.0044
682.47	-0.009	191.9	-0.0115	682.47	-0.015	184.6	-0.0044
682.50	-0.008	192.1	-0.0089	682.52	-0.012	184.7	0.0044
682.53	-0.005	192.2	-0.0062	682.55	-0.011	184.8	0.008
682.57	-0.004	192.3	-0.0036	682.57	-0.008	185.2	0.0133
682.60	-0.003	192.5	0.0009	682.60	-0.005	185.4	0.0133
682.63	0.001	192.7	0.0009	682.63	-0.005	185.4	0.0195
682.67	0.002	192.7	0.0044	682.67	-0.003	185.7	0.0275
682.70	0.002	192.9	0.0071	682.70	0.001	186.2	0.0355
682.73	0.004	193.1	0.0115	682.73	0.005	186.5	0.0426
682.77	0.007	193.3	0.0151	682.77	0.007	186.8	0.0488
682.80	0.008	193.5	0.0186	682.80	0.01	187.4	0.0568
682.83	0.01	193.7	0.0231	682.83	0.015	187.8	0.0568
682.87	0.013	194	0.0231	682.87	0.016	187.8	0.0648
682.90	0.015	194.3	0.0284	682.90	0.016	188.1	0.071
682.93	0.015	194.3	0.0311	682.93	0.019	188.6	0.079
682.97	0.016	194.5	0.0346	682.97	0.023	189	0.0861
683.00	0.019	194.8	0.0391	683.00	0.025	189.4	0.0923
683.03	0.02	195	0.0417	683.03	0.027	189.9	0.0985
683.07	0.021	195.2	0.0453	683.07	0.031	190.2	0.0985
683.10	0.023	195.6	0.0453	683.10	0.032	190.2	0.1056
683.13	0.024	195.8	0.0479	683.13	0.032	190.6	0.1101
683.17	0.024	195.8	0.0497	683.17	0.033	191	0.1154
683.20	0.025	196	0.0524	683.20	0.036	191.4	0.1198
683.23	0.026	196.2	0.0541	683.23	0.037	191.6	0.1225
683.27	0.027	196.4	0.055	683.27	0.038	192	0.126
683.30	0.028	196.6	0.0568	683.30	0.04	192.3	0.126
683.33	0.028	196.7	0.0577	683.33	0.04	192.3	0.1287
683.37	0.029	196.9	0.0577	683.37	0.04	192.5	0.1296
683.40	0.029	196.9	0.0586	683.40	0.04	192.7	0.1305
683.43	0.029	197	0.0586	683.43	0.04	192.9	0.1314
683.47	0.029	197.1	0.0586	683.47	0.04	193	0.1314
683.50	0.029	197.2	0.0586	683.50	0.04	193.2	0.1314
683.53	0.028	197.3	0.0586	683.53	0.04	193.3	0.1314
683.57	0.028	197.3	0.0577	683.57	0.038	193.3	0.1314
683.60	0.026	197.3	0.0577	683.60	0.038	193.4	0.1305
683.63	0.025	197.3	0.0559	683.63	0.037	193.4	0.1278
683.67	0.025	197.3	0.055	683.67	0.034	193.3	0.1252
683.70	0.025	197.3	0.0533	683.70	0.033	193.3	0.1234
683.75	0.022	197.2	0.0515	683.73	0.032	193.2	0.1189
683.78	0.022	197.3	0.0506	683.77	0.027	193	0.1189
683.82	0.021	197.1	0.0479	683.80	0.026	193	0.1145
683.83	0.018	197	0.0444	683.83	0.026	192.9	0.111
683.87	0.017	197	0.0426	683.87	0.024	192.8	0.1065
683.90	0.016	196.8	0.0399	683.90	0.02	192.5	0.1012
683.93	0.012	196.6	0.0399	683.93	0.018	192.2	0.0959
683.97	0.011	196.6	0.0355	683.98	0.016	192	0.0888
684.00	0.011	196.5	0.0328	684.02	0.013	191.7	0.0852
684.03	0.01	196.2	0.0293	684.03	0.01	191.4	0.0781
684.07	0.006	196	0.024	684.07	0.007	191.1	0.0701
684.10	0.005	195.9	0.0213	684.10	0.003	190.6	0.0701
684.13	0.003	195.6	0.0169	684.13	0	190.2	0.0621
684.17	0	195.3	0.0169	684.17	0	190.2	0.0559
684.20	-0.001	195.3	0.0124	684.20	-0.002	189.9	0.0479
684.23	-0.001	195.1	0.0098	684.23	-0.006	189.3	0.0391
684.27	-0.003	194.8	0.0053	684.27	-0.009	188.9	0.032

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
684.30	-0.006	194.5	0.0018	684.30	-0.011	188.5	0.024
684.33	-0.006	194.3	-0.0009	684.33	-0.015	188	0.024
684.37	-0.008	194	-0.0053	684.37	-0.017	187.6	0.0169
684.40	-0.011	193.7	-0.0053	684.40	-0.017	187.6	0.0107
684.43	-0.012	193.7	-0.0089	684.43	-0.018	187.2	0.0053
684.47	-0.012	193.5	-0.0107	684.47	-0.021	186.6	0
684.50	-0.013	193.3	-0.0133	684.50	-0.023	186.3	-0.0044
684.53	-0.015	193	-0.016	684.53	-0.024	185.9	-0.0089
684.57	-0.015	192.8	-0.0169	684.57	-0.026	185.5	-0.0089
684.60	-0.015	192.7	-0.0178	684.60	-0.027	185.2	-0.0115
684.63	-0.016	192.5	-0.0178	684.63	-0.027	185.2	-0.0151
684.67	-0.017	192.5	-0.0195	684.67	-0.028	185	-0.0169
684.70	-0.017	192.3	-0.0204	684.70	-0.028	184.8	-0.0186
684.73	-0.017	192.2	-0.0213	684.73	-0.029	184.5	-0.0195
684.77	-0.017	192.1	-0.0213	684.77	-0.029	184.3	-0.0204
684.80	-0.017	192	-0.0213	684.80	-0.029	184.2	-0.0204
684.83	-0.017	191.9	-0.0213	684.83	-0.028	184.1	-0.0204
684.87	-0.016	191.8	-0.0213	684.87	-0.028	184.1	-0.0195
684.90	-0.016	191.8	-0.0213	684.90	-0.027	184	-0.0186
684.93	-0.016	191.8	-0.0204	684.93	-0.026	184	-0.0169
684.97	-0.015	191.8	-0.0186	684.97	-0.024	184	-0.0151
685.00	-0.013	191.8	-0.0169	685.00	-0.023	184	-0.0133
685.03	-0.013	191.8	-0.016	685.03	-0.021	184.2	-0.0098
685.07	-0.012	191.9	-0.0133	685.07	-0.018	184.3	-0.0098
685.10	-0.009	192	-0.0133	685.10	-0.018	184.3	-0.0071
685.13	-0.008	192	-0.0115	685.13	-0.017	184.3	-0.0027
685.17	-0.008	192.1	-0.0089	685.17	-0.014	184.7	0.0027
685.22	-0.005	192.3	-0.0053	685.20	-0.011	184.8	0.0071
685.25	-0.003	192.3	-0.0044	685.23	-0.009	185	0.0124
685.27	-0.003	192.4	-0.0018	685.27	-0.006	185.4	0.0195
685.30	-0.002	192.6	0.0018	685.30	-0.002	185.7	0.0195
685.33	0.002	192.8	0.0053	685.33	-0.002	185.7	0.0275
685.37	0.003	193	0.0089	685.37	0	186	0.0337
685.40	0.004	193.2	0.0133	685.42	0.006	186.7	0.0417
685.43	0.008	193.5	0.0133	685.45	0.008	186.7	0.0462
685.47	0.009	193.6	0.0178	685.48	0.008	187.1	0.0524
685.50	0.009	193.6	0.0204	685.50	0.011	187.6	0.0604
685.53	0.011	193.9	0.0249	685.53	0.016	188	0.0683
685.57	0.014	194.2	0.0302	685.57	0.017	188.3	0.0746
685.60	0.016	194.4	0.0328	685.60	0.02	188.8	0.0817
685.63	0.017	194.6	0.0364	685.63	0.024	189.2	0.0817
685.67	0.019	194.9	0.0364	685.67	0.026	189.2	0.0897
685.70	0.021	195.1	0.0399	685.70	0.026	189.6	0.0959
685.73	0.021	195.1	0.0435	685.73	0.028	190	0.1021
685.77	0.022	195.4	0.0462	685.77	0.031	190.4	0.1083
685.80	0.024	195.7	0.0488	685.80	0.032	190.8	0.1127
685.83	0.025	195.9	0.0506	685.83	0.034	191.2	0.1181
685.87	0.026	196.1	0.0541	685.87	0.037	191.5	0.1181
685.90	0.027	196.3	0.0541	685.90	0.037	191.5	0.1216
685.93	0.028	196.5	0.0559	685.93	0.037	191.8	0.1252
685.97	0.028	196.5	0.0568	685.97	0.038	192.1	0.1278
686.00	0.028	196.6	0.0568	686.00	0.04	192.4	0.1296
686.03	0.028	196.8	0.0577	686.03	0.04	192.6	0.1305
686.07	0.028	196.9	0.0586	686.07	0.04	192.8	0.1314
686.10	0.029	197	0.0586	686.10	0.04	193	0.1314
686.13	0.029	197.1	0.0586	686.13	0.04	193	0.1323
686.17	0.029	197.2	0.0586	686.17	0.04	193.1	0.1323
686.20	0.029	197.2	0.0586	686.20	0.04	193.3	0.1323
686.23	0.028	197.3	0.0586	686.23	0.039	193.4	0.1314
686.27	0.027	197.3	0.0568	686.27	0.038	193.4	0.1296
686.30	0.026	197.3	0.0559	686.30	0.036	193.4	0.1269
686.33	0.025	197.3	0.0541	686.33	0.033	193.3	0.1269
686.37	0.024	197.3	0.0524	686.37	0.032	193.3	0.1243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
686.40	0.022	197.2	0.0524	686.40	0.032	193.3	0.1225
686.43	0.022	197.2	0.0506	686.43	0.031	193.1	0.1181
686.47	0.021	197.2	0.047	686.47	0.026	193	0.1136
686.50	0.019	197	0.0453	686.50	0.025	192.9	0.1101
686.53	0.017	196.9	0.0426	686.53	0.023	192.6	0.1047
686.57	0.016	196.8	0.0399	686.57	0.019	192.3	0.1047
686.60	0.014	196.6	0.0364	686.60	0.017	192.3	0.0985
686.65	0.011	196.4	0.0328	686.63	0.017	192.1	0.0923
686.68	0.01	196.3	0.0311	686.67	0.014	191.7	0.0852
686.72	0.009	196.1	0.0275	686.70	0.009	191.4	0.0772
686.73	0.005	195.9	0.0275	686.73	0.007	191.1	0.071
686.77	0.004	195.9	0.0231	686.77	0.005	190.6	0.0639
686.80	0.004	195.7	0.0195	686.80	-0.001	190.2	0.0639
686.83	0.002	195.4	0.0151	686.83	-0.002	190.2	0.055
686.87	-0.001	195.1	0.0115	686.88	-0.005	189.5	0.0444
686.90	-0.002	194.9	0.008	686.92	-0.007	189.2	0.0444
686.93	-0.004	194.6	0.0036	686.93	-0.009	189.2	0.0391
686.97	-0.007	194.4	0.0036	686.97	-0.009	188.8	0.0311
687.00	-0.007	194.4	0	687.00	-0.012	188.2	0.0222
687.03	-0.007	194.2	-0.0027	687.03	-0.017	187.7	0.0142
687.07	-0.009	193.8	-0.0062	687.07	-0.017	187.4	0.0098
687.10	-0.012	193.6	-0.0098	687.10	-0.019	186.8	0.0036
687.13	-0.012	193.4	-0.0124	687.13	-0.023	186.4	0.0036
687.17	-0.013	193.1	-0.0142	687.17	-0.023	186.4	-0.0027
687.20	-0.015	192.9	-0.0142	687.20	-0.023	186.1	-0.0062
687.23	-0.015	192.9	-0.016	687.23	-0.025	185.7	-0.0098
687.27	-0.015	192.8	-0.0169	687.27	-0.027	185.4	-0.0133
687.30	-0.016	192.5	-0.0195	687.30	-0.027	185.1	-0.0151
687.33	-0.017	192.4	-0.0204	687.33	-0.028	184.8	-0.0178
687.37	-0.017	192.2	-0.0213	687.37	-0.029	184.6	-0.0178
687.40	-0.017	192.1	-0.0213	687.40	-0.029	184.6	-0.0186
687.43	-0.017	192	-0.0213	687.43	-0.029	184.4	-0.0195
687.47	-0.017	192	-0.0213	687.47	-0.029	184.2	-0.0204
687.50	-0.017	191.9	-0.0213	687.50	-0.028	184.1	-0.0195
687.53	-0.017	191.8	-0.0213	687.53	-0.028	184	-0.0195
687.57	-0.016	191.8	-0.0204	687.57	-0.027	184	-0.0178
687.60	-0.015	191.8	-0.0195	687.60	-0.025	184	-0.0178
687.63	-0.015	191.8	-0.0178	687.63	-0.024	184	-0.016
687.67	-0.013	191.8	-0.0178	687.67	-0.024	184	-0.0142
687.70	-0.012	191.8	-0.0169	687.70	-0.023	184	-0.0115
687.73	-0.012	191.8	-0.0151	687.73	-0.019	184.2	-0.008
687.77	-0.011	191.9	-0.0124	687.77	-0.018	184.2	-0.0053
687.80	-0.008	192	-0.0107	687.80	-0.016	184.5	0
687.83	-0.007	192.1	-0.008	687.83	-0.012	184.7	0
687.87	-0.006	192.2	-0.0053	687.87	-0.01	184.7	0.0044
687.90	-0.003	192.4	-0.0053	687.90	-0.01	184.9	0.0089
687.93	-0.002	192.4	-0.0018	687.93	-0.008	185.2	0.016
687.97	-0.002	192.5	0.0009	687.97	-0.003	185.5	0.0231
688.00	0	192.8	0.0053	688.00	-0.001	185.8	0.0293
688.03	0.004	193	0.0089	688.03	0.001	186.1	0.0373
688.07	0.005	193.1	0.0124	688.07	0.006	186.6	0.0373
688.12	0.006	193.4	0.016	688.10	0.009	187	0.0453
688.15	0.009	193.6	0.0186	688.13	0.009	187	0.0524
688.17	0.01	193.7	0.0222	688.17	0.011	187.4	0.0595
688.20	0.012	194	0.0275	688.20	0.015	187.9	0.0675
688.23	0.015	194.3	0.0275	688.23	0.018	188.3	0.0746
688.27	0.016	194.3	0.0311	688.27	0.019	188.6	0.0817
688.30	0.016	194.5	0.0346	688.32	0.024	189.1	0.0888
688.33	0.017	194.7	0.0382	688.35	0.025	189.4	0.0932
688.37	0.02	195	0.0417	688.38	0.027	189.8	0.0994
688.40	0.021	195.2	0.0444	688.40	0.03	190.3	0.0994
688.43	0.022	195.5	0.047	688.43	0.032	190.6	0.1056
688.47	0.024	195.8	0.047	688.47	0.032	190.6	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
688.50	0.025	196	0.0497	688.50	0.033	191	0.1154
688.53	0.025	196	0.0515	688.53	0.036	191.4	0.1198
688.57	0.026	196.1	0.0533	688.57	0.038	191.7	0.1234
688.60	0.027	196.4	0.055	688.60	0.038	191.9	0.126
688.63	0.028	196.5	0.0568	688.63	0.039	192.2	0.1278
688.67	0.028	196.7	0.0577	688.67	0.04	192.5	0.1278
688.70	0.029	196.8	0.0577	688.70	0.04	192.5	0.1305
688.73	0.029	196.9	0.0586	688.73	0.04	192.7	0.1314
688.77	0.029	196.9	0.0586	688.77	0.04	192.9	0.1314
688.80	0.029	197.1	0.0586	688.80	0.04	193	0.1323
688.83	0.029	197.2	0.0586	688.83	0.04	193.2	0.1323
688.87	0.028	197.3	0.0586	688.87	0.04	193.3	0.1323
688.90	0.028	197.3	0.0577	688.90	0.038	193.4	0.1323
688.93	0.027	197.3	0.0577	688.93	0.037	193.4	0.1305
688.97	0.026	197.3	0.0568	688.97	0.037	193.4	0.1287
689.00	0.026	197.3	0.0559	689.00	0.036	193.3	0.126
689.03	0.024	197.3	0.0533	689.03	0.032	193.3	0.1234
689.07	0.023	197.2	0.0515	689.07	0.031	193.3	0.1198
689.10	0.021	197.2	0.0497	689.10	0.03	193.1	0.1163
689.13	0.021	197.1	0.047	689.13	0.026	192.9	0.1163
689.17	0.018	196.9	0.047	689.17	0.024	192.9	0.1118
689.20	0.016	196.9	0.0435	689.20	0.024	192.8	0.1074
689.23	0.016	196.9	0.0417	689.23	0.022	192.5	0.1012
689.27	0.015	196.8	0.0382	689.27	0.017	192.2	0.095
689.30	0.012	196.5	0.0346	689.30	0.016	192	0.0897
689.33	0.01	196.4	0.0311	689.33	0.013	191.6	0.0826
689.37	0.009	196.2	0.0275	689.37	0.007	191.2	0.0826
689.40	0.006	195.9	0.0275	689.40	0.006	191.2	0.0746
689.43	0.004	195.7	0.0231	689.43	0.006	191	0.0692
689.47	0.004	195.7	0.0195	689.47	0.004	190.5	0.0604
689.50	0.002	195.5	0.016	689.50	-0.002	190	0.0515
689.53	0	195.1	0.0115	689.53	-0.004	189.7	0.0453
689.58	-0.003	194.9	0.008	689.57	-0.006	189.2	0.0373
689.62	-0.003	194.7	0.0053	689.60	-0.011	188.7	0.0373
689.63	-0.005	194.5	0.0027	689.63	-0.012	188.7	0.0293
689.67	-0.007	194.2	-0.0009	689.67	-0.012	188.4	0.0231
689.70	-0.008	194	-0.0036	689.70	-0.014	187.9	0.016
689.73	-0.009	193.7	-0.0071	689.73	-0.019	187.4	0.0089
689.77	-0.012	193.5	-0.0071	689.78	-0.019	187	0.0044
689.80	-0.013	193.5	-0.0115	689.82	-0.02	186.6	0.0009
689.83	-0.013	193.3	-0.0133	689.83	-0.023	186.2	-0.0044
689.87	-0.014	193	-0.0151	689.87	-0.024	185.9	-0.0071
689.90	-0.015	192.8	-0.0169	689.90	-0.025	185.6	-0.0115
689.93	-0.016	192.6	-0.0186	689.93	-0.027	185.2	-0.0115
689.97	-0.017	192.4	-0.0204	689.97	-0.028	185.2	-0.0142
690.00	-0.017	192.3	-0.0204	690.00	-0.028	184.9	-0.016
690.03	-0.017	192.3	-0.0213	690.03	-0.028	184.7	-0.0178
690.07	-0.017	192.2	-0.0213	690.07	-0.028	184.5	-0.0186
690.10	-0.017	192	-0.0213	690.10	-0.029	184.3	-0.0195
690.13	-0.017	191.9	-0.0213	690.13	-0.029	184.1	-0.0195
690.17	-0.017	191.8	-0.0213	690.17	-0.028	184.1	-0.0195
690.20	-0.017	191.8	-0.0213	690.20	-0.027	184	-0.0195
690.23	-0.015	191.7	-0.0213	690.23	-0.027	184	-0.0186
690.27	-0.015	191.7	-0.0204	690.27	-0.026	183.9	-0.0169
690.30	-0.015	191.7	-0.0195	690.30	-0.025	183.9	-0.0151
690.33	-0.014	191.7	-0.0178	690.33	-0.023	184	-0.0124
690.37	-0.012	191.8	-0.016	690.37	-0.022	184	-0.0098
690.40	-0.011	191.8	-0.0142	690.40	-0.019	184.2	-0.0098
690.43	-0.01	191.9	-0.0115	690.43	-0.016	184.3	-0.0062
690.47	-0.007	192	-0.0115	690.47	-0.016	184.3	-0.0027
690.50	-0.007	192	-0.0098	690.50	-0.015	184.5	0.0018
690.53	-0.007	192.1	-0.0071	690.53	-0.011	184.8	0.0071
690.57	-0.005	192.2	-0.0036	690.57	-0.009	185	0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
690.60	-0.001	192.5	0	690.60	-0.007	185.2	0.0186
690.63	-0.001	192.6	0.0027	690.63	-0.002	185.7	0.0186
690.67	0.001	192.8	0.0071	690.67	0.001	186	0.0257
690.70	0.005	193	0.0071	690.70	0.001	186	0.0328
690.73	0.006	193	0.0115	690.73	0.002	186.2	0.0408
690.77	0.006	193.2	0.0142	690.77	0.007	186.7	0.0488
690.80	0.007	193.4	0.0178	690.80	0.01	187.2	0.0559
690.83	0.01	193.7	0.0213	690.83	0.012	187.5	0.0639
690.87	0.012	193.9	0.0249	690.87	0.016	188.1	0.0639
690.90	0.014	194.2	0.0311	690.90	0.019	188.4	0.0719
690.93	0.017	194.4	0.0311	690.93	0.019	188.4	0.0781
690.97	0.017	194.4	0.0346	690.97	0.021	188.8	0.0852
691.02	0.019	194.9	0.0391	691.00	0.024	189.3	0.0932
691.05	0.02	195.1	0.0391	691.03	0.028	189.7	0.0994
691.08	0.022	195.1	0.0417	691.07	0.029	190	0.1047
691.10	0.022	195.3	0.0453	691.10	0.031	190.5	0.111
691.13	0.023	195.6	0.0479	691.13	0.034	190.9	0.111
691.17	0.025	195.9	0.0506	691.17	0.034	190.9	0.1163
691.20	0.026	196	0.0524	691.20	0.035	191.2	0.1198
691.23	0.026	196.2	0.055	691.25	0.038	191.8	0.1234
691.27	0.028	196.4	0.055	691.28	0.038	191.8	0.126
691.30	0.028	196.6	0.0568	691.30	0.038	192.1	0.1278
691.33	0.028	196.6	0.0568	691.33	0.039	192.3	0.1296
691.37	0.028	196.7	0.0577	691.37	0.04	192.6	0.1314
691.40	0.029	196.9	0.0586	691.40	0.04	192.8	0.1323
691.43	0.029	197	0.0586	691.43	0.04	193	0.1331
691.47	0.029	197.1	0.0586	691.47	0.04	193.1	0.1331
691.50	0.029	197.2	0.0586	691.50	0.04	193.1	0.1331
691.53	0.028	197.3	0.0586	691.53	0.04	193.3	0.1331
691.57	0.028	197.3	0.0586	691.57	0.04	193.4	0.1323
691.60	0.027	197.3	0.0568	691.60	0.037	193.4	0.1305
691.63	0.026	197.3	0.0559	691.63	0.036	193.4	0.1287
691.67	0.025	197.3	0.055	691.67	0.035	193.4	0.126
691.70	0.024	197.3	0.0524	691.70	0.032	193.3	0.126
691.73	0.022	197.2	0.0506	691.73	0.031	193.3	0.1234
691.77	0.021	197.1	0.0506	691.77	0.031	193.2	0.1198
691.80	0.021	197.1	0.0488	691.80	0.028	193	0.1154
691.83	0.02	197.1	0.0462	691.83	0.024	192.8	0.111
691.87	0.017	196.9	0.0426	691.87	0.023	192.7	0.1065
691.90	0.014	196.8	0.0399	691.90	0.021	192.4	0.1003
691.93	0.014	196.7	0.0373	691.93	0.016	192.1	0.1003
691.97	0.012	196.4	0.0328	691.97	0.014	192.1	0.0941
692.00	0.009	196.3	0.0328	692.00	0.014	191.9	0.0888
692.03	0.009	196.3	0.0293	692.03	0.012	191.5	0.0808
692.07	0.007	196.1	0.0249	692.07	0.006	191.1	0.0719
692.10	0.005	195.8	0.0213	692.10	0.005	190.8	0.0666
692.13	0.002	195.6	0.0178	692.13	0.002	190.4	0.0586
692.17	0.002	195.4	0.0142	692.17	-0.003	189.8	0.0586
692.20	-0.001	195	0.0098	692.20	-0.005	189.5	0.0497
692.23	-0.004	194.8	0.0098	692.23	-0.005	189.5	0.0435
692.27	-0.004	194.8	0.0062	692.27	-0.007	189.1	0.0355
692.30	-0.005	194.6	0.0018	692.30	-0.011	188.5	0.0275
692.33	-0.007	194.3	-0.0018	692.33	-0.014	188.1	0.0204
692.37	-0.009	194	-0.0044	692.37	-0.015	187.8	0.0151
692.40	-0.01	193.8	-0.008	692.40	-0.018	187.2	0.0151
692.43	-0.011	193.5	-0.0107	692.43	-0.021	186.8	0.008
692.48	-0.013	193.3	-0.0133	692.47	-0.021	186.8	0.0036
692.52	-0.014	193.1	-0.0142	692.50	-0.022	186.4	-0.0027
692.53	-0.014	192.9	-0.016	692.53	-0.024	186	-0.0071
692.57	-0.016	192.7	-0.016	692.57	-0.026	185.7	-0.0098
692.60	-0.016	192.7	-0.0178	692.60	-0.026	185.4	-0.0124
692.63	-0.016	192.5	-0.0186	692.63	-0.027	185.1	-0.0151
692.67	-0.017	192.3	-0.0204	692.68	-0.029	184.8	-0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
692.70	-0.017	192.2	-0.0213	692.72	-0.029	184.6	-0.0178
692.73	-0.017	192	-0.0222	692.73	-0.028	184.4	-0.0186
692.77	-0.017	191.9	-0.0222	692.77	-0.029	184.2	-0.0186
692.80	-0.017	191.9	-0.0222	692.80	-0.028	184.2	-0.0186
692.83	-0.016	191.9	-0.0213	692.83	-0.028	184.1	-0.0186
692.87	-0.016	191.8	-0.0213	692.87	-0.028	184	-0.0186
692.90	-0.016	191.7	-0.0204	692.90	-0.027	183.9	-0.0178
692.93	-0.015	191.7	-0.0195	692.93	-0.026	183.9	-0.016
692.97	-0.015	191.7	-0.0186	692.97	-0.025	183.9	-0.0142
693.00	-0.014	191.7	-0.0169	693.00	-0.022	184	-0.0142
693.03	-0.011	191.8	-0.0169	693.03	-0.021	184	-0.0115
693.07	-0.011	191.8	-0.0151	693.07	-0.021	184.1	-0.008
693.10	-0.011	191.8	-0.0133	693.10	-0.019	184.2	-0.0044
693.13	-0.009	191.9	-0.0107	693.13	-0.015	184.4	0
693.17	-0.006	192.1	-0.008	693.17	-0.014	184.5	0.0036
693.20	-0.006	192.1	-0.0053	693.20	-0.012	184.8	0.0089
693.23	-0.004	192.3	-0.0018	693.23	-0.007	185.1	0.0089
693.27	-0.001	192.5	-0.0018	693.27	-0.005	185.1	0.0151
693.30	0	192.5	0.0009	693.30	-0.005	185.3	0.0213
693.33	0	192.6	0.0044	693.33	-0.003	185.7	0.0293
693.37	0.002	192.8	0.008	693.37	0.002	186.1	0.0373
693.40	0.005	193.1	0.0124	693.40	0.004	186.4	0.0435
693.43	0.006	193.3	0.016	693.43	0.007	186.9	0.0515
693.47	0.008	193.5	0.0195	693.47	0.012	187.4	0.0515
693.50	0.012	193.8	0.0195	693.50	0.013	187.4	0.0595
693.53	0.012	193.8	0.024	693.53	0.013	187.7	0.0657
693.57	0.012	194	0.0257	693.57	0.016	188.2	0.0737
693.60	0.014	194.3	0.032	693.60	0.021	188.6	0.0826
693.63	0.017	194.6	0.0364	693.63	0.022	189	0.0879
693.67	0.019	194.8	0.0391	693.67	0.024	189.4	0.095
693.70	0.02	195	0.0426	693.70	0.029	189.9	0.095
693.73	0.022	195.2	0.0426	693.73	0.03	189.9	0.1021
693.77	0.023	195.2	0.0453	693.77	0.03	190.2	0.1074
693.80	0.023	195.5	0.0479	693.80	0.032	190.6	0.1127
693.83	0.024	195.7	0.0506	693.83	0.035	191	0.1181
693.87	0.026	196	0.0533	693.87	0.036	191.3	0.1207
693.92	0.027	196.2	0.0541	693.90	0.037	191.6	0.1243
693.95	0.027	196.3	0.055	693.93	0.039	192	0.1243
693.98	0.027	196.5	0.0568	693.97	0.039	192	0.1278
694.00	0.028	196.7	0.0568	694.00	0.039	192.2	0.1287
694.03	0.028	196.8	0.0577	694.03	0.04	192.5	0.1305
694.07	0.029	197	0.0577	694.07	0.041	192.7	0.1323
694.10	0.029	197	0.0586	694.10	0.04	192.9	0.1331
694.13	0.029	197.1	0.0586	694.15	0.04	193	0.1331
694.17	0.029	197.2	0.0595	694.18	0.04	193.2	0.1323
694.20	0.029	197.2	0.0586	694.20	0.04	193.3	0.1323
694.23	0.028	197.3	0.0586	694.23	0.039	193.4	0.1314
694.27	0.027	197.3	0.0568	694.27	0.037	193.4	0.1314
694.30	0.025	197.3	0.0568	694.30	0.035	193.4	0.1296
694.33	0.024	197.3	0.055	694.33	0.035	193.4	0.1278
694.37	0.024	197.3	0.0541	694.37	0.034	193.4	0.1243
694.40	0.024	197.3	0.0515	694.40	0.031	193.2	0.1216
694.43	0.022	197.2	0.0497	694.43	0.029	193.1	0.1181
694.47	0.02	197.1	0.0479	694.47	0.028	193	0.1136
694.50	0.019	197	0.0444	694.50	0.024	192.8	0.1136
694.53	0.017	196.9	0.0444	694.53	0.021	192.6	0.1092
694.57	0.014	196.7	0.0417	694.57	0.021	192.6	0.1039
694.60	0.014	196.7	0.0382	694.60	0.02	192.4	0.0976
694.63	0.013	196.6	0.0355	694.63	0.015	192	0.0905
694.67	0.011	196.4	0.032	694.67	0.012	191.7	0.0843
694.70	0.008	196.2	0.0284	694.70	0.011	191.4	0.0781
694.73	0.007	196	0.024	694.73	0.005	190.9	0.0781
694.77	0.005	195.7	0.0195	694.77	0.003	190.6	0.0692

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
694.80	0.002	195.5	0.0195	694.80	0.003	190.6	0.063
694.83	0.002	195.5	0.016	694.83	0.001	190.2	0.0541
694.87	0.001	195.2	0.0124	694.87	-0.004	189.7	0.0462
694.90	-0.001	194.9	0.008	694.90	-0.006	189.3	0.0391
694.93	-0.005	194.7	0.0044	694.93	-0.008	188.9	0.032
694.97	-0.005	194.5	0.0018	694.97	-0.012	188.3	0.032
695.00	-0.007	194.2	-0.0018	695.00	-0.015	187.9	0.024
695.03	-0.01	193.9	-0.0018	695.03	-0.015	187.9	0.0178
695.07	-0.01	193.9	-0.0053	695.07	-0.016	187.5	0.0107
695.10	-0.01	193.7	-0.0089	695.10	-0.02	187	0.0044
695.13	-0.011	193.4	-0.0115	695.13	-0.022	186.6	0
695.17	-0.014	193.2	-0.0142	695.17	-0.023	186.3	-0.0044
695.20	-0.014	193	-0.016	695.20	-0.025	185.8	-0.0044
695.23	-0.015	192.8	-0.0178	695.23	-0.026	185.5	-0.0089
695.27	-0.016	192.6	-0.0178	695.27	-0.026	185.5	-0.0115
695.30	-0.016	192.6	-0.0195	695.30	-0.027	185.2	-0.0142
695.33	-0.016	192.4	-0.0204	695.33	-0.028	184.9	-0.0169
695.38	-0.017	192.1	-0.0213	695.37	-0.028	184.7	-0.0178
695.42	-0.017	192.1	-0.0213	695.40	-0.029	184.4	-0.0195
695.43	-0.017	192	-0.0222	695.43	-0.029	184.3	-0.0195
695.47	-0.017	191.9	-0.0222	695.47	-0.028	184.1	-0.0195
695.50	-0.017	191.8	-0.0222	695.50	-0.028	184.1	-0.0195
695.53	-0.016	191.7	-0.0213	695.53	-0.028	184	-0.0195
695.57	-0.016	191.7	-0.0204	695.58	-0.026	183.9	-0.0178
695.60	-0.015	191.7	-0.0204	695.62	-0.025	183.9	-0.0178
695.63	-0.014	191.7	-0.0195	695.65	-0.025	183.9	-0.016
695.67	-0.014	191.7	-0.0186	695.67	-0.024	183.9	-0.0133
695.70	-0.013	191.7	-0.0169	695.70	-0.021	184	-0.0107
695.73	-0.011	191.8	-0.0142	695.73	-0.02	184.1	-0.008
695.77	-0.01	191.9	-0.0124	695.77	-0.018	184.3	-0.0044
695.80	-0.009	191.9	-0.0098	695.80	-0.014	184.5	-0.0044
695.83	-0.006	192.1	-0.0098	695.83	-0.013	184.5	0.0009
695.87	-0.005	192.1	-0.0071	695.87	-0.013	184.6	0.0044
695.90	-0.005	192.2	-0.0036	695.90	-0.011	184.9	0.0107
695.93	-0.003	192.4	-0.0009	695.93	-0.006	185.2	0.0178
695.97	0	192.6	0.0027	695.97	-0.004	185.4	0.0231
696.00	0.001	192.7	0.0062	696.00	-0.001	185.9	0.032
696.03	0.003	192.9	0.0098	696.03	0.004	186.3	0.032
696.07	0.006	193.2	0.0098	696.07	0.005	186.3	0.0399
696.10	0.007	193.2	0.0133	696.10	0.005	186.6	0.0462
696.13	0.007	193.4	0.0169	696.13	0.008	187.1	0.0533
696.17	0.009	193.7	0.0213	696.17	0.014	187.5	0.0621
696.20	0.013	193.9	0.0275	696.20	0.015	187.8	0.0683
696.23	0.014	194.1	0.0302	696.23	0.017	188.3	0.0754
696.27	0.015	194.4	0.0337	696.27	0.022	188.8	0.0754
696.30	0.018	194.6	0.0337	696.30	0.023	188.8	0.0843
696.33	0.019	194.6	0.0364	696.33	0.023	189.1	0.0897
696.37	0.019	194.9	0.0399	696.37	0.026	189.6	0.0968
696.40	0.02	195.1	0.0435	696.40	0.03	190	0.1039
696.43	0.023	195.4	0.0462	696.43	0.031	190.3	0.1083
696.47	0.024	195.6	0.0488	696.47	0.032	190.7	0.1145
696.50	0.024	195.9	0.0515	696.50	0.036	191.2	0.1145
696.53	0.027	196.1	0.0515	696.53	0.036	191.2	0.1189
696.57	0.027	196.1	0.0541	696.57	0.036	191.4	0.1225
696.60	0.027	196.3	0.055	696.60	0.038	191.8	0.1252
696.63	0.027	196.4	0.0559	696.63	0.039	192.1	0.1278
696.67	0.028	196.6	0.0577	696.67	0.04	192.3	0.1296
696.70	0.029	196.8	0.0586	696.70	0.04	192.5	0.1314
696.73	0.029	196.9	0.0586	696.73	0.04	192.7	0.1314
696.77	0.029	197	0.0586	696.77	0.04	192.7	0.1323
696.80	0.029	197	0.0586	696.80	0.04	192.9	0.1323
696.85	0.029	197.2	0.0586	696.83	0.04	193.1	0.1323
696.88	0.028	197.3	0.0586	696.87	0.04	193.2	0.1323

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
696.90	0.027	197.3	0.0586	696.90	0.039	193.3	0.1314
696.93	0.027	197.3	0.0577	696.93	0.038	193.4	0.1296
696.97	0.026	197.4	0.0559	696.97	0.035	193.3	0.1296
697.00	0.025	197.3	0.055	697.00	0.034	193.3	0.1269
697.03	0.024	197.3	0.0533	697.05	0.032	193.3	0.1234
697.07	0.023	197.3	0.0506	697.08	0.031	193.2	0.1234
697.10	0.021	197.1	0.0506	697.10	0.028	193.1	0.1207
697.13	0.019	197.1	0.0488	697.13	0.028	193.1	0.1163
697.17	0.019	197.1	0.047	697.17	0.027	192.9	0.1118
697.20	0.018	197	0.0435	697.20	0.022	192.6	0.1056
697.23	0.015	196.8	0.0399	697.23	0.02	192.4	0.1012
697.27	0.013	196.7	0.0373	697.27	0.018	192.2	0.095
697.30	0.012	196.5	0.0337	697.30	0.014	191.8	0.095
697.33	0.009	196.3	0.0337	697.33	0.011	191.5	0.0879
697.37	0.007	196.1	0.0302	697.37	0.011	191.5	0.0817
697.40	0.007	196.1	0.0275	697.40	0.009	191.2	0.0737
697.43	0.006	195.9	0.0222	697.43	0.004	190.7	0.0648
697.47	0.003	195.6	0.0186	697.47	0.001	190.4	0.0586
697.50	0.001	195.4	0.0151	697.50	-0.001	190	0.0515
697.53	0	195.2	0.0115	697.53	-0.005	189.5	0.0515
697.57	-0.003	194.8	0.0115	697.57	-0.007	189.1	0.0435
697.60	-0.005	194.6	0.0071	697.60	-0.007	189.1	0.0364
697.63	-0.005	194.6	0.0027	697.63	-0.009	188.7	0.0284
697.67	-0.006	194.4	0	697.67	-0.014	188.1	0.0204
697.70	-0.008	194	-0.0036	697.70	-0.016	187.7	0.0142
697.73	-0.01	193.8	-0.0071	697.73	-0.017	187.3	0.008
697.77	-0.011	193.6	-0.0098	697.77	-0.02	186.8	0.008
697.80	-0.012	193.3	-0.0124	697.80	-0.023	186.4	0.0027
697.83	-0.014	193.1	-0.0124	697.83	-0.023	186.4	-0.0027
697.87	-0.014	193.1	-0.0151	697.87	-0.023	186.1	-0.0053
697.90	-0.015	192.9	-0.016	697.90	-0.025	185.7	-0.0098
697.93	-0.016	192.7	-0.0178	697.93	-0.027	185.4	-0.0133
697.97	-0.017	192.5	-0.0195	697.97	-0.027	185.1	-0.0151
698.00	-0.017	192.4	-0.0204	698.00	-0.028	184.8	-0.0151
698.03	-0.017	192.2	-0.0213	698.03	-0.029	184.6	-0.0178
698.07	-0.017	192.1	-0.0213	698.07	-0.029	184.6	-0.0186
698.10	-0.017	192.1	-0.0213	698.10	-0.029	184.4	-0.0195
698.13	-0.017	192	-0.0222	698.13	-0.029	184.2	-0.0195
698.17	-0.017	191.9	-0.0213	698.17	-0.028	184.1	-0.0195
698.20	-0.017	191.8	-0.0213	698.20	-0.028	184	-0.0186
698.23	-0.016	191.8	-0.0204	698.23	-0.027	184	-0.0169
698.28	-0.015	191.7	-0.0186	698.27	-0.025	184	-0.0169
698.32	-0.014	191.7	-0.0186	698.30	-0.024	184	-0.016
698.35	-0.014	191.7	-0.0178	698.33	-0.024	183.9	-0.0142
698.37	-0.013	191.8	-0.0151	698.37	-0.022	184	-0.0115
698.40	-0.01	191.8	-0.0151	698.40	-0.019	184.2	-0.008
698.43	-0.009	191.8	-0.0133	698.43	-0.018	184.2	-0.0044
698.47	-0.009	191.9	-0.0107	698.48	-0.016	184.5	0
698.50	-0.008	192	-0.008	698.52	-0.013	184.6	0.0027
698.53	-0.005	192.2	-0.0053	698.55	-0.012	184.8	0.0071
698.57	-0.004	192.3	-0.0027	698.57	-0.009	185.1	0.0133
698.60	-0.003	192.5	0.0009	698.60	-0.004	185.4	0.0133
698.63	0.001	192.7	0.0009	698.63	-0.003	185.4	0.0204
698.67	0.002	192.7	0.0044	698.67	-0.003	185.6	0.0275
698.70	0.002	192.8	0.008	698.70	0	186.1	0.0346
698.73	0.004	193	0.0115	698.73	0.005	186.4	0.0426
698.77	0.007	193.3	0.0151	698.77	0.007	186.8	0.0497
698.80	0.008	193.5	0.0195	698.80	0.009	187.3	0.0568
698.83	0.01	193.7	0.0231	698.83	0.015	187.7	0.0568
698.87	0.013	194	0.0231	698.87	0.016	187.7	0.0657
698.90	0.014	194	0.0284	698.90	0.016	188.1	0.0719
698.93	0.014	194.2	0.0311	698.93	0.019	188.6	0.079
698.97	0.015	194.5	0.0346	698.97	0.023	189	0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
699.00	0.019	194.8	0.0391	699.00	0.025	189.3	0.0932
699.03	0.02	195	0.0417	699.03	0.027	189.8	0.0994
699.07	0.021	195.2	0.0453	699.07	0.031	190.2	0.0994
699.10	0.023	195.5	0.0453	699.10	0.032	190.2	0.1065
699.13	0.024	195.5	0.0479	699.13	0.032	190.5	0.111
699.17	0.024	195.7	0.0497	699.17	0.033	191	0.1163
699.20	0.025	195.9	0.0524	699.20	0.036	191.3	0.1207
699.23	0.027	196.2	0.0541	699.23	0.037	191.6	0.1234
699.27	0.027	196.3	0.055	699.27	0.038	191.9	0.1269
699.30	0.028	196.5	0.0568	699.30	0.04	192.2	0.1269
699.33	0.028	196.7	0.0568	699.33	0.04	192.2	0.1296
699.37	0.029	196.7	0.0577	699.37	0.04	192.4	0.1305
699.40	0.029	196.8	0.0586	699.40	0.04	192.6	0.1314
699.43	0.029	196.9	0.0586	699.43	0.04	192.8	0.1323
699.47	0.029	197	0.0586	699.47	0.04	193	0.1323
699.50	0.029	197.1	0.0586	699.50	0.04	193.2	0.1323
699.53	0.028	197.2	0.0586	699.53	0.04	193.3	0.1323
699.57	0.027	197.2	0.0586	699.57	0.038	193.3	0.1323
699.60	0.026	197.3	0.0577	699.60	0.038	193.3	0.1305
699.63	0.026	197.3	0.0568	699.63	0.037	193.3	0.1278
699.67	0.026	197.3	0.055	699.67	0.034	193.3	0.126
699.70	0.024	197.2	0.0533	699.70	0.033	193.3	0.1234
699.75	0.022	197.2	0.0515	699.73	0.032	193.1	0.1198
699.78	0.022	197.2	0.0497	699.77	0.027	193	0.1198
699.80	0.02	197.1	0.0479	699.80	0.026	193	0.1154
699.83	0.019	197	0.0462	699.83	0.026	192.9	0.1118
699.87	0.017	196.9	0.0417	699.87	0.024	192.7	0.1065
699.90	0.014	196.7	0.0417	699.90	0.019	192.4	0.1012
699.93	0.012	196.6	0.0382	699.95	0.018	192.2	0.0959
699.97	0.012	196.6	0.0364	699.98	0.017	192	0.0923
700.00	0.011	196.4	0.0328	700.00	0.012	191.7	0.0852
700.03	0.009	196.2	0.0293	700.03	0.01	191.4	0.0781
700.07	0.006	196	0.0249	700.07	0.007	191	0.0701
700.10	0.005	195.8	0.0213	700.10	0.002	190.5	0.0701
700.13	0.003	195.5	0.0169	700.13	0	190.5	0.0612
700.17	0	195.2	0.0169	700.17	0	190.2	0.0559
700.20	0	195.2	0.0124	700.20	-0.002	189.8	0.0479
700.23	-0.001	195	0.0089	700.23	-0.007	189.2	0.0391
700.27	-0.004	194.7	0.0053	700.27	-0.009	188.9	0.0337
700.30	-0.006	194.5	0.0018	700.30	-0.011	188.4	0.0249
700.33	-0.006	194.2	-0.0018	700.33	-0.015	187.9	0.0249
700.37	-0.009	193.9	-0.0053	700.37	-0.017	187.9	0.0169
700.40	-0.011	193.7	-0.0053	700.40	-0.017	187.5	0.0124
700.43	-0.011	193.7	-0.008	700.43	-0.018	187.2	0.0062
700.47	-0.011	193.5	-0.0107	700.47	-0.022	186.6	0
700.50	-0.013	193.2	-0.0142	700.50	-0.023	186.2	-0.0036
700.53	-0.015	193	-0.016	700.53	-0.024	185.9	-0.008
700.57	-0.015	192.8	-0.0178	700.57	-0.026	185.5	-0.008
700.60	-0.016	192.6	-0.0186	700.60	-0.027	185.5	-0.0115
700.63	-0.017	192.4	-0.0186	700.63	-0.027	185.2	-0.0142
700.67	-0.017	192.4	-0.0195	700.67	-0.028	184.9	-0.016
700.70	-0.017	192.2	-0.0213	700.70	-0.028	184.7	-0.0178
700.73	-0.017	192.1	-0.0213	700.73	-0.029	184.4	-0.0195
700.77	-0.017	192	-0.0222	700.77	-0.029	184.3	-0.0195
700.80	-0.017	191.9	-0.0222	700.80	-0.028	184.1	-0.0195
700.83	-0.017	191.8	-0.0213	700.83	-0.028	184	-0.0195
700.87	-0.016	191.8	-0.0213	700.87	-0.028	184	-0.0195
700.90	-0.016	191.8	-0.0204	700.90	-0.027	183.9	-0.0178
700.93	-0.016	191.7	-0.0195	700.93	-0.026	183.9	-0.0169
700.97	-0.015	191.7	-0.0186	700.97	-0.024	183.9	-0.0151
701.00	-0.013	191.8	-0.0178	701.00	-0.023	183.9	-0.0124
701.03	-0.013	191.8	-0.016	701.03	-0.021	184.1	-0.0124
701.07	-0.011	191.9	-0.0133	701.07	-0.018	184.2	-0.0098

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
701.10	-0.009	191.9	-0.0133	701.10	-0.018	184.2	-0.0062
701.13	-0.008	191.9	-0.0107	701.13	-0.017	184.3	-0.0018
701.18	-0.007	192.1	-0.008	701.17	-0.014	184.6	0.0027
701.22	-0.005	192.2	-0.008	701.20	-0.011	184.8	0.0071
701.25	-0.004	192.2	-0.0053	701.23	-0.009	185	0.0133
701.27	-0.004	192.3	-0.0018	701.27	-0.005	185.4	0.0204
701.30	-0.002	192.6	0.0018	701.30	-0.002	185.7	0.0204
701.33	0.002	192.8	0.0062	701.33	-0.002	185.7	0.0275
701.37	0.003	192.9	0.0098	701.37	0	185.9	0.0346
701.40	0.005	193.2	0.0133	701.42	0.006	186.7	0.0426
701.43	0.008	193.4	0.0133	701.45	0.006	186.7	0.047
701.47	0.009	193.4	0.0169	701.47	0.008	187	0.0533
701.50	0.009	193.6	0.0204	701.50	0.012	187.6	0.0621
701.53	0.011	193.9	0.0249	701.53	0.016	187.9	0.0683
701.57	0.014	194.1	0.0293	701.57	0.017	188.3	0.0763
701.60	0.015	194.3	0.0328	701.60	0.021	188.8	0.0834
701.63	0.017	194.6	0.0364	701.63	0.024	189.2	0.0834
701.67	0.02	194.8	0.0364	701.67	0.024	189.2	0.0905
701.70	0.021	194.8	0.0408	701.70	0.026	189.5	0.0968
701.73	0.021	195	0.0435	701.73	0.029	190	0.103
701.77	0.021	195.3	0.0453	701.77	0.032	190.4	0.1092
701.80	0.024	195.6	0.0488	701.80	0.032	190.7	0.1136
701.83	0.025	195.8	0.0506	701.83	0.034	191.2	0.1189
701.87	0.026	196	0.0533	701.87	0.037	191.5	0.1189
701.90	0.027	196.2	0.0533	701.90	0.038	191.5	0.1225
701.93	0.027	196.2	0.055	701.93	0.038	191.8	0.1252
701.97	0.027	196.4	0.0559	701.97	0.038	192.1	0.1278
702.00	0.028	196.6	0.0568	702.00	0.04	192.3	0.1305
702.03	0.028	196.7	0.0577	702.03	0.04	192.5	0.1314
702.07	0.029	196.8	0.0586	702.07	0.04	192.7	0.1323
702.10	0.029	197	0.0586	702.10	0.04	192.9	0.1323
702.13	0.029	197.1	0.0586	702.13	0.04	192.9	0.1323
702.17	0.029	197.1	0.0586	702.17	0.04	193.1	0.1323
702.20	0.029	197.2	0.0586	702.20	0.04	193.2	0.1323
702.23	0.028	197.2	0.0586	702.23	0.039	193.3	0.1323
702.27	0.027	197.2	0.0568	702.27	0.038	193.4	0.1296
702.30	0.026	197.3	0.0559	702.30	0.036	193.3	0.1269
702.33	0.025	197.3	0.0541	702.33	0.033	193.3	0.1269
702.37	0.023	197.2	0.0541	702.37	0.032	193.3	0.1252
702.40	0.022	197.2	0.0524	702.40	0.032	193.2	0.1225
702.43	0.022	197.2	0.0506	702.43	0.031	193.1	0.1181
702.47	0.021	197.1	0.0479	702.47	0.027	192.9	0.1145
702.50	0.018	197	0.0453	702.50	0.025	192.8	0.1101
702.53	0.017	196.9	0.0426	702.53	0.023	192.6	0.1047
702.57	0.015	196.7	0.0391	702.57	0.018	192.3	0.1047
702.60	0.012	196.5	0.0391	702.60	0.017	192.3	0.0985
702.65	0.011	196.4	0.0337	702.63	0.017	192.1	0.0932
702.68	0.011	196.3	0.0311	702.67	0.015	191.7	0.0861
702.70	0.008	196.1	0.0311	702.70	0.009	191.3	0.0781
702.73	0.006	195.9	0.0275	702.73	0.007	191	0.0719
702.77	0.006	195.9	0.0231	702.77	0.005	190.6	0.0639
702.80	0.004	195.7	0.0186	702.80	-0.001	190.1	0.0639
702.83	0.001	195.3	0.0142	702.85	-0.002	189.8	0.0506
702.87	-0.001	195.1	0.0107	702.88	-0.003	189.5	0.0453
702.90	-0.002	194.9	0.0071	702.92	-0.008	189	0.0453
702.93	-0.005	194.6	0.0071	702.93	-0.009	189	0.0364
702.97	-0.006	194.3	0.0036	702.97	-0.009	188.7	0.0302
703.00	-0.006	194.3	0.0009	703.00	-0.012	188.1	0.0213
703.03	-0.007	194.1	-0.0036	703.03	-0.017	187.6	0.0142
703.07	-0.01	193.8	-0.0071	703.07	-0.018	187.3	0.0089
703.10	-0.011	193.6	-0.0089	703.10	-0.019	186.8	0.0036
703.13	-0.012	193.3	-0.0115	703.13	-0.023	186.4	0.0036
703.17	-0.014	193.1	-0.0115	703.17	-0.024	186.4	-0.0018

tempo	cella di carico	Δu	LVDVT	tempo	cella di carico	Δu	LVDVT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
703.20	-0.015	192.9	-0.0142	703.20	-0.024	186.1	-0.0053
703.23	-0.015	192.9	-0.016	703.23	-0.025	185.7	-0.0089
703.27	-0.015	192.7	-0.0178	703.27	-0.027	185.4	-0.0124
703.30	-0.016	192.5	-0.0195	703.30	-0.027	185.1	-0.0151
703.33	-0.017	192.3	-0.0204	703.33	-0.028	184.8	-0.0169
703.37	-0.017	192.2	-0.0213	703.37	-0.028	184.6	-0.0169
703.40	-0.017	192.1	-0.0213	703.40	-0.029	184.6	-0.0186
703.43	-0.017	191.9	-0.0213	703.43	-0.029	184.4	-0.0195
703.47	-0.017	191.9	-0.0213	703.47	-0.029	184.2	-0.0195
703.50	-0.017	191.8	-0.0213	703.50	-0.028	184.1	-0.0195
703.53	-0.017	191.8	-0.0213	703.53	-0.028	184	-0.0186
703.57	-0.016	191.7	-0.0204	703.57	-0.027	183.9	-0.0178
703.60	-0.015	191.7	-0.0195	703.60	-0.025	183.9	-0.0178
703.63	-0.014	191.7	-0.0178	703.63	-0.024	183.9	-0.016
703.67	-0.013	191.7	-0.0178	703.67	-0.024	183.9	-0.0142
703.70	-0.012	191.7	-0.0169	703.70	-0.022	184	-0.0115
703.73	-0.012	191.8	-0.0151	703.73	-0.02	184.1	-0.008
703.77	-0.011	191.8	-0.0124	703.77	-0.017	184.3	-0.0044
703.80	-0.008	192	-0.0107	703.80	-0.016	184.4	-0.0009
703.83	-0.008	192	-0.008	703.83	-0.013	184.7	0.0044
703.87	-0.006	192.2	-0.0044	703.87	-0.009	184.9	0.0044
703.90	-0.002	192.4	-0.0044	703.90	-0.009	184.9	0.0098
703.93	-0.001	192.4	-0.0009	703.93	-0.008	185.1	0.016
703.97	-0.001	192.5	0.0018	703.97	-0.005	185.5	0.0231
704.00	0	192.7	0.0053	704.00	0	185.8	0.0311
704.03	0.004	192.9	0.0098	704.03	0.001	186.1	0.0364
704.08	0.004	193.1	0.0124	704.07	0.005	186.6	0.0444
704.12	0.005	193.2	0.0142	704.10	0.009	187	0.0444
704.15	0.009	193.5	0.0186	704.13	0.011	187	0.0524
704.17	0.01	193.7	0.0222	704.17	0.011	187.3	0.0586
704.20	0.012	193.9	0.0275	704.20	0.014	187.8	0.0666
704.23	0.015	194.2	0.0275	704.23	0.018	188.2	0.0746
704.27	0.016	194.2	0.0311	704.27	0.02	188.6	0.0817
704.30	0.016	194.4	0.0346	704.32	0.022	189.1	0.0879
704.33	0.017	194.6	0.0382	704.35	0.025	189.4	0.0923
704.37	0.02	194.9	0.0417	704.37	0.026	189.7	0.0985
704.40	0.021	195.1	0.0435	704.40	0.029	190.2	0.1047
704.43	0.022	195.4	0.047	704.43	0.033	190.6	0.1047
704.47	0.025	195.7	0.047	704.47	0.033	190.6	0.111
704.50	0.025	195.7	0.0506	704.50	0.033	190.9	0.1154
704.53	0.025	195.9	0.0515	704.53	0.035	191.3	0.1198
704.57	0.026	196.1	0.0533	704.57	0.038	191.6	0.1243
704.60	0.027	196.3	0.0559	704.60	0.038	191.9	0.126
704.63	0.028	196.5	0.0568	704.63	0.039	192.2	0.1287
704.67	0.028	196.6	0.0586	704.67	0.04	192.4	0.1287
704.70	0.029	196.8	0.0586	704.70	0.04	192.4	0.1305
704.73	0.029	196.8	0.0595	704.73	0.04	192.6	0.1314
704.77	0.029	196.9	0.0595	704.77	0.04	192.8	0.1323
704.80	0.029	197	0.0595	704.80	0.04	193	0.1323
704.83	0.029	197.1	0.0595	704.83	0.04	193.1	0.1323
704.87	0.028	197.2	0.0595	704.87	0.04	193.3	0.1323
704.90	0.028	197.3	0.0577	704.90	0.039	193.3	0.1323
704.93	0.026	197.3	0.0577	704.93	0.037	193.3	0.1314
704.97	0.025	197.3	0.0568	704.97	0.037	193.4	0.1296
705.00	0.025	197.3	0.0559	705.00	0.036	193.3	0.1269
705.03	0.025	197.3	0.0533	705.03	0.033	193.3	0.1243
705.07	0.023	197.2	0.0515	705.07	0.031	193.2	0.1207
705.10	0.022	197.2	0.0497	705.10	0.03	193.1	0.1163
705.13	0.02	197.1	0.047	705.13	0.025	192.9	0.1163
705.17	0.017	196.9	0.047	705.17	0.024	192.9	0.1118
705.20	0.016	196.8	0.0435	705.20	0.024	192.7	0.1083
705.23	0.016	196.8	0.0417	705.23	0.022	192.5	0.1021
705.27	0.015	196.7	0.0391	705.27	0.017	192.2	0.0959

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
705.30	0.012	196.4	0.0346	705.30	0.016	192	0.0905
705.33	0.01	196.3	0.032	705.33	0.013	191.6	0.0834
705.37	0.009	196.2	0.0275	705.37	0.007	191.2	0.0834
705.40	0.005	195.9	0.0275	705.40	0.006	191.2	0.0746
705.43	0.004	195.7	0.0231	705.43	0.006	190.9	0.0692
705.47	0.004	195.7	0.0204	705.47	0.004	190.5	0.0621
705.50	0.003	195.5	0.016	705.50	-0.002	190	0.0524
705.55	-0.001	194.9	0.0115	705.53	-0.004	189.6	0.0462
705.58	-0.001	194.9	0.0098	705.57	-0.006	189.2	0.0382
705.60	-0.003	194.7	0.0053	705.60	-0.01	188.7	0.0382
705.63	-0.006	194.4	0.0018	705.63	-0.012	188.3	0.0302
705.67	-0.007	194.2	-0.0009	705.67	-0.012	188.3	0.0231
705.70	-0.008	194	-0.0044	705.70	-0.014	187.9	0.016
705.73	-0.01	193.6	-0.0044	705.75	-0.019	187	0.0089
705.77	-0.012	193.4	-0.008	705.78	-0.019	187	0.0053
705.80	-0.012	193.4	-0.0107	705.82	-0.02	186.6	0.0009
705.83	-0.013	193.2	-0.0124	705.83	-0.023	186.1	-0.0044
705.87	-0.014	193	-0.0151	705.87	-0.025	185.8	-0.0071
705.90	-0.015	192.7	-0.0169	705.90	-0.025	185.5	-0.0107
705.93	-0.016	192.6	-0.0186	705.93	-0.027	185.2	-0.0107
705.97	-0.016	192.4	-0.0186	705.97	-0.028	184.9	-0.0142
706.00	-0.017	192.2	-0.0195	706.00	-0.028	184.9	-0.016
706.03	-0.017	192.2	-0.0204	706.03	-0.028	184.7	-0.0178
706.07	-0.017	192.1	-0.0204	706.07	-0.029	184.4	-0.0186
706.10	-0.017	192	-0.0213	706.10	-0.029	184.2	-0.0195
706.13	-0.017	191.9	-0.0213	706.13	-0.029	184.1	-0.0195
706.17	-0.017	191.8	-0.0213	706.17	-0.028	184	-0.0195
706.20	-0.017	191.7	-0.0204	706.20	-0.027	183.9	-0.0195
706.23	-0.016	191.7	-0.0204	706.23	-0.027	183.9	-0.0186
706.27	-0.016	191.7	-0.0195	706.27	-0.026	183.8	-0.0169
706.30	-0.015	191.7	-0.0178	706.30	-0.025	183.9	-0.0151
706.33	-0.014	191.7	-0.0169	706.33	-0.023	183.9	-0.0133
706.37	-0.012	191.8	-0.0151	706.37	-0.022	183.9	-0.0107
706.40	-0.011	191.8	-0.0142	706.40	-0.02	184.1	-0.0071
706.43	-0.01	191.9	-0.0115	706.43	-0.016	184.3	-0.0071
706.47	-0.007	192	-0.0115	706.47	-0.015	184.3	-0.0027
706.50	-0.006	192	-0.0089	706.50	-0.015	184.4	0.0009
706.53	-0.006	192.1	-0.0062	706.53	-0.012	184.7	0.0062
706.57	-0.005	192.2	-0.0036	706.57	-0.009	184.9	0.0115
706.60	-0.002	192.4	0	706.60	-0.007	185.2	0.0178
706.63	-0.001	192.5	0.0036	706.63	-0.004	185.6	0.0249
706.67	0.001	192.8	0.0071	706.67	0.001	185.9	0.0249
706.70	0.004	193	0.0071	706.70	0.003	185.9	0.0328
706.73	0.005	193	0.0107	706.73	0.003	186.2	0.0399
706.77	0.005	193.2	0.0142	706.77	0.006	186.7	0.047
706.80	0.007	193.4	0.0186	706.80	0.01	187.1	0.055
706.83	0.011	193.7	0.0231	706.83	0.012	187.5	0.0621
706.87	0.012	193.9	0.0257	706.87	0.015	188	0.0701
706.90	0.013	194.2	0.0311	706.90	0.02	188.4	0.0701
706.93	0.017	194.4	0.0311	706.93	0.021	188.4	0.0781
706.97	0.017	194.4	0.0346	706.97	0.021	188.7	0.0843
707.02	0.019	194.8	0.0391	707.00	0.024	189.2	0.0914
707.05	0.02	195	0.0391	707.03	0.028	189.6	0.0985
707.07	0.022	195	0.0426	707.07	0.029	190	0.1039
707.10	0.022	195.3	0.0462	707.10	0.031	190.4	0.1092
707.13	0.023	195.6	0.0488	707.13	0.034	190.8	0.1092
707.17	0.025	195.8	0.0515	707.17	0.035	190.8	0.1154
707.20	0.026	196	0.0524	707.22	0.036	191.4	0.1216
707.23	0.026	196.2	0.055	707.25	0.037	191.7	0.1216
707.27	0.028	196.4	0.055	707.27	0.038	191.7	0.1243
707.30	0.028	196.4	0.0568	707.30	0.038	192	0.1269
707.33	0.028	196.5	0.0577	707.33	0.039	192.3	0.1296
707.37	0.029	196.7	0.0586	707.37	0.04	192.5	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
707.40	0.029	196.8	0.0586	707.40	0.04	192.7	0.1323
707.43	0.029	197	0.0595	707.43	0.04	192.9	0.1323
707.47	0.029	197.1	0.0595	707.47	0.04	193	0.1323
707.50	0.028	197.2	0.0595	707.50	0.04	193	0.1323
707.53	0.028	197.2	0.0595	707.53	0.04	193.2	0.1323
707.57	0.028	197.2	0.0586	707.57	0.04	193.3	0.1323
707.60	0.027	197.3	0.0577	707.60	0.038	193.3	0.1296
707.63	0.025	197.3	0.0559	707.63	0.036	193.3	0.1278
707.67	0.025	197.3	0.055	707.67	0.035	193.3	0.1252
707.70	0.024	197.2	0.0533	707.70	0.031	193.2	0.1252
707.73	0.022	197.2	0.0533	707.73	0.031	193.2	0.1225
707.77	0.021	197.2	0.0506	707.77	0.031	193.1	0.1198
707.80	0.021	197.1	0.0488	707.80	0.029	193	0.1145
707.83	0.02	197	0.0462	707.83	0.024	192.8	0.1101
707.87	0.017	196.9	0.0435	707.87	0.023	192.6	0.1056
707.90	0.015	196.8	0.0408	707.90	0.021	192.4	0.1003
707.93	0.014	196.6	0.0373	707.93	0.016	192	0.1003
707.97	0.011	196.4	0.0373	707.97	0.014	191.8	0.0932
708.00	0.009	196.4	0.0337	708.00	0.014	191.8	0.0879
708.03	0.009	196.2	0.0302	708.03	0.012	191.5	0.0808
708.07	0.008	196.1	0.0257	708.07	0.007	191	0.0719
708.10	0.005	195.8	0.0222	708.10	0.004	190.7	0.0657
708.13	0.003	195.6	0.0186	708.13	0.002	190.3	0.0577
708.17	0.002	195.3	0.0142	708.17	-0.002	189.8	0.0577
708.20	-0.002	195	0.0142	708.20	-0.005	189.4	0.0497
708.23	-0.003	195	0.0098	708.23	-0.005	189.4	0.0426
708.27	-0.003	194.8	0.0062	708.27	-0.007	189	0.0355
708.30	-0.004	194.5	0.0027	708.30	-0.011	188.5	0.0275
708.33	-0.007	194.2	-0.0009	708.33	-0.014	188	0.0195
708.37	-0.008	194	-0.0036	708.37	-0.015	187.7	0.0133
708.40	-0.01	193.8	-0.0071	708.40	-0.019	187.1	0.0133
708.45	-0.012	193.5	-0.0098	708.43	-0.021	186.7	0.0071
708.48	-0.012	193.3	-0.0115	708.47	-0.021	186.7	0.0018
708.52	-0.013	193.1	-0.0133	708.50	-0.022	186.4	-0.0027
708.53	-0.014	192.8	-0.0133	708.53	-0.024	185.9	-0.0071
708.57	-0.016	192.6	-0.016	708.57	-0.026	185.6	-0.0107
708.60	-0.016	192.6	-0.0178	708.60	-0.026	185.3	-0.0133
708.63	-0.016	192.5	-0.0186	708.65	-0.028	185	-0.016
708.67	-0.017	192.3	-0.0204	708.68	-0.028	184.7	-0.0178
708.70	-0.017	192.2	-0.0204	708.72	-0.028	184.5	-0.0186
708.73	-0.017	192	-0.0204	708.73	-0.029	184.3	-0.0195
708.77	-0.017	191.9	-0.0213	708.77	-0.029	184.1	-0.0195
708.80	-0.017	191.8	-0.0213	708.80	-0.029	184.1	-0.0204
708.83	-0.017	191.8	-0.0213	708.83	-0.029	184	-0.0204
708.87	-0.017	191.7	-0.0213	708.87	-0.028	183.9	-0.0195
708.90	-0.016	191.7	-0.0195	708.90	-0.027	183.8	-0.0186
708.93	-0.015	191.7	-0.0186	708.93	-0.026	183.8	-0.0169
708.97	-0.015	191.7	-0.0178	708.97	-0.025	183.9	-0.0142
709.00	-0.014	191.7	-0.016	709.00	-0.022	183.9	-0.0142
709.03	-0.012	191.8	-0.016	709.03	-0.021	183.9	-0.0115
709.07	-0.011	191.8	-0.0142	709.07	-0.021	184	-0.0089
709.10	-0.011	191.8	-0.0124	709.10	-0.019	184.2	-0.0053
709.13	-0.009	191.9	-0.0098	709.13	-0.015	184.3	-0.0009
709.17	-0.006	192	-0.0071	709.17	-0.014	184.5	0.0027
709.20	-0.006	192.1	-0.0053	709.20	-0.012	184.8	0.008
709.23	-0.004	192.3	-0.0018	709.23	-0.007	185.1	0.008
709.27	-0.001	192.5	-0.0018	709.27	-0.006	185.1	0.0151
709.30	0	192.5	0.0018	709.30	-0.006	185.3	0.0204
709.33	0	192.6	0.0044	709.33	-0.003	185.7	0.0293
709.37	0.002	192.8	0.0089	709.37	0.003	186.1	0.0364
709.40	0.006	193.1	0.0133	709.40	0.004	186.3	0.0426
709.43	0.006	193.2	0.016	709.43	0.007	186.8	0.0506
709.47	0.008	193.5	0.0204	709.47	0.012	187.3	0.0506

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
709.50	0.012	193.8	0.0204	709.50	0.013	187.3	0.0586
709.53	0.013	193.8	0.024	709.53	0.013	187.6	0.0648
709.57	0.013	194	0.0284	709.57	0.016	188.1	0.0728
709.60	0.014	194.2	0.032	709.60	0.021	188.5	0.0817
709.63	0.018	194.5	0.0364	709.63	0.022	188.9	0.087
709.67	0.018	194.7	0.0391	709.67	0.024	189.3	0.0941
709.70	0.02	195	0.0426	709.70	0.029	189.8	0.0941
709.73	0.022	195.2	0.0426	709.73	0.03	189.8	0.1021
709.77	0.023	195.2	0.0462	709.77	0.03	190.1	0.1065
709.80	0.023	195.5	0.0479	709.80	0.032	190.6	0.1118
709.83	0.024	195.7	0.0515	709.83	0.035	190.9	0.1172
709.87	0.026	196	0.0541	709.87	0.036	191.2	0.1207
709.92	0.027	196.2	0.055	709.90	0.037	191.6	0.1243
709.95	0.027	196.3	0.0559	709.93	0.039	191.9	0.1243
709.97	0.027	196.5	0.0568	709.97	0.039	191.9	0.1278
710.00	0.028	196.7	0.0577	710.00	0.039	192.1	0.1287
710.03	0.029	196.8	0.0586	710.03	0.039	192.4	0.1305
710.07	0.029	196.9	0.0586	710.07	0.04	192.6	0.1323
710.10	0.029	196.9	0.0595	710.12	0.04	192.8	0.1323
710.13	0.029	197	0.0595	710.15	0.04	193	0.1331
710.17	0.029	197.1	0.0595	710.17	0.04	193.1	0.1323
710.20	0.029	197.2	0.0595	710.20	0.04	193.2	0.1323
710.23	0.028	197.3	0.0586	710.23	0.039	193.3	0.1305
710.27	0.027	197.3	0.0568	710.27	0.036	193.3	0.1305
710.30	0.026	197.3	0.0568	710.30	0.036	193.3	0.1287
710.33	0.024	197.2	0.0559	710.33	0.036	193.3	0.1278
710.37	0.024	197.2	0.0541	710.37	0.034	193.3	0.1243
710.40	0.024	197.2	0.0524	710.40	0.031	193.2	0.1216
710.43	0.022	197.2	0.0506	710.43	0.029	193.1	0.1181
710.47	0.02	197.1	0.0479	710.47	0.028	193	0.1127
710.50	0.019	197	0.0453	710.50	0.023	192.7	0.1127
710.53	0.016	196.8	0.0453	710.53	0.022	192.5	0.1083
710.57	0.014	196.7	0.0417	710.57	0.022	192.5	0.1039
710.60	0.014	196.7	0.0391	710.60	0.02	192.3	0.0976
710.63	0.013	196.6	0.0364	710.63	0.015	191.9	0.0905
710.67	0.011	196.3	0.0328	710.67	0.013	191.7	0.0852
710.70	0.008	196.1	0.0293	710.70	0.01	191.3	0.0772
710.73	0.007	196	0.024	710.73	0.005	190.8	0.0772
710.77	0.004	195.7	0.024	710.77	0.003	190.5	0.0683
710.80	0.002	195.5	0.0204	710.80	0.003	190.5	0.0621
710.83	0.002	195.5	0.0169	710.83	0.001	190.1	0.0541
710.87	0.001	195.2	0.0124	710.87	-0.004	189.6	0.0462
710.90	-0.002	194.9	0.0089	710.90	-0.006	189.2	0.0391
710.93	-0.004	194.6	0.0053	710.93	-0.008	188.8	0.032
710.97	-0.005	194.4	0.0018	710.97	-0.012	188.3	0.032
711.00	-0.007	194.1	0.0018	711.00	-0.015	187.9	0.0231
711.03	-0.01	193.8	-0.0018	711.03	-0.015	187.9	0.0169
711.07	-0.01	193.8	-0.0053	711.07	-0.016	187.5	0.0107
711.10	-0.01	193.6	-0.0089	711.10	-0.02	187	0.0044
711.13	-0.012	193.3	-0.0115	711.13	-0.022	186.5	0
711.17	-0.014	193.1	-0.0133	711.17	-0.023	186.2	-0.0044
711.20	-0.014	192.9	-0.0151	711.20	-0.025	185.8	-0.0044
711.23	-0.015	192.7	-0.0169	711.23	-0.026	185.4	-0.0089
711.27	-0.016	192.5	-0.0169	711.27	-0.026	185.4	-0.0115
711.30	-0.016	192.5	-0.0186	711.30	-0.027	185.2	-0.0142
711.35	-0.017	192.2	-0.0204	711.33	-0.028	184.9	-0.0169
711.38	-0.017	192.1	-0.0204	711.37	-0.029	184.6	-0.0186
711.42	-0.017	192.1	-0.0204	711.40	-0.029	184.4	-0.0195
711.43	-0.017	192	-0.0213	711.43	-0.029	184.2	-0.0195
711.47	-0.017	191.9	-0.0213	711.47	-0.029	184.1	-0.0195
711.50	-0.017	191.8	-0.0213	711.50	-0.028	184.1	-0.0195
711.53	-0.017	191.7	-0.0204	711.53	-0.028	184	-0.0195
711.57	-0.016	191.6	-0.0195	711.58	-0.026	183.9	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
711.60	-0.015	191.6	-0.0195	711.62	-0.025	183.9	-0.0178
711.63	-0.014	191.6	-0.0186	711.63	-0.025	183.8	-0.016
711.67	-0.014	191.6	-0.0178	711.67	-0.024	183.9	-0.0133
711.70	-0.013	191.7	-0.016	711.70	-0.021	184	-0.0107
711.73	-0.011	191.7	-0.0133	711.73	-0.02	184	-0.008
711.77	-0.01	191.8	-0.0115	711.77	-0.018	184.2	-0.0036
711.80	-0.009	191.9	-0.0089	711.80	-0.014	184.4	-0.0036
711.83	-0.006	192.1	-0.0089	711.83	-0.012	184.4	0.0009
711.87	-0.005	192.1	-0.0062	711.87	-0.012	184.6	0.0053
711.90	-0.005	192.1	-0.0036	711.90	-0.011	184.9	0.0107
711.93	-0.003	192.4	-0.0009	711.93	-0.005	185.2	0.0178
711.97	0	192.5	0.0036	711.97	-0.004	185.4	0.0231
712.00	0.001	192.7	0.0062	712.00	-0.001	185.8	0.0311
712.03	0.003	192.9	0.0107	712.03	0.004	186.2	0.0311
712.07	0.006	193.1	0.0107	712.07	0.005	186.2	0.0399
712.10	0.007	193.1	0.0142	712.10	0.005	186.5	0.0462
712.13	0.007	193.3	0.0178	712.13	0.008	187.1	0.0541
712.17	0.009	193.6	0.0213	712.17	0.014	187.5	0.063
712.20	0.013	193.9	0.0275	712.20	0.015	187.8	0.0683
712.23	0.013	194.1	0.0302	712.23	0.017	188.3	0.0763
712.27	0.015	194.3	0.0337	712.27	0.022	188.7	0.0763
712.30	0.018	194.6	0.0337	712.30	0.024	188.7	0.0843
712.33	0.019	194.6	0.0382	712.33	0.024	189.1	0.0905
712.37	0.019	194.8	0.0399	712.37	0.025	189.6	0.0968
712.40	0.02	195.1	0.0444	712.40	0.03	190	0.1039
712.43	0.023	195.3	0.047	712.43	0.03	190.3	0.1083
712.47	0.024	195.6	0.0488	712.47	0.032	190.7	0.1127
712.50	0.024	195.8	0.0515	712.50	0.035	191.1	0.1127
712.53	0.027	196	0.0515	712.53	0.036	191.1	0.1181
712.57	0.027	196	0.0541	712.57	0.036	191.4	0.1225
712.60	0.027	196.2	0.055	712.60	0.038	191.8	0.126
712.63	0.027	196.4	0.0568	712.63	0.039	192	0.1287
712.67	0.028	196.6	0.0577	712.67	0.04	192.3	0.1305
712.70	0.029	196.7	0.0586	712.70	0.04	192.5	0.1314
712.73	0.029	196.8	0.0586	712.73	0.04	192.7	0.1314
712.77	0.029	196.9	0.0586	712.77	0.04	192.7	0.1323
712.82	0.029	197.1	0.0595	712.80	0.04	192.9	0.1323
712.85	0.029	197.2	0.0595	712.83	0.04	193	0.1323
712.87	0.028	197.2	0.0595	712.87	0.04	193.1	0.1323
712.90	0.027	197.2	0.0586	712.90	0.039	193.2	0.1314
712.93	0.027	197.2	0.0577	712.93	0.038	193.3	0.1296
712.97	0.027	197.3	0.0568	712.97	0.035	193.2	0.1296
713.00	0.025	197.3	0.055	713.02	0.034	193.2	0.1252
713.03	0.024	197.2	0.0541	713.05	0.033	193.2	0.1234
713.07	0.023	197.2	0.0515	713.08	0.03	193.1	0.1234
713.10	0.021	197.1	0.0515	713.10	0.028	193.1	0.1198
713.13	0.019	197.1	0.0488	713.13	0.028	193	0.1163
713.17	0.019	197	0.047	713.17	0.027	192.9	0.1118
713.20	0.018	196.9	0.0435	713.20	0.023	192.6	0.1065
713.23	0.015	196.7	0.0408	713.23	0.02	192.4	0.1012
713.27	0.014	196.6	0.0382	713.27	0.018	192.2	0.0941
713.30	0.012	196.5	0.0337	713.30	0.014	191.7	0.0941
713.33	0.009	196.2	0.0337	713.33	0.011	191.4	0.087
713.37	0.007	196	0.0302	713.37	0.011	191.4	0.0808
713.40	0.007	196	0.0257	713.40	0.009	191.2	0.0737
713.43	0.006	195.9	0.0231	713.43	0.004	190.7	0.0657
713.47	0.003	195.6	0.0186	713.47	0.001	190.3	0.0595
713.50	0.001	195.3	0.0151	713.50	0	189.9	0.0515
713.53	0	195.1	0.0107	713.53	-0.006	189.4	0.0515
713.57	-0.003	194.8	0.0107	713.57	-0.008	189	0.0426
713.60	-0.005	194.5	0.0071	713.60	-0.008	189	0.0364
713.63	-0.005	194.5	0.0036	713.63	-0.01	188.6	0.0284
713.67	-0.006	194.3	0	713.67	-0.014	188	0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
713.70	-0.008	194	-0.0036	713.70	-0.016	187.6	0.0142
713.73	-0.01	193.8	-0.0062	713.73	-0.017	187.3	0.0089
713.77	-0.011	193.5	-0.0098	713.77	-0.021	186.7	0.0089
713.80	-0.012	193.2	-0.0115	713.80	-0.022	186.3	0.0027
713.83	-0.014	193	-0.0115	713.83	-0.022	186.3	-0.0027
713.87	-0.015	193	-0.0142	713.87	-0.023	186	-0.0062
713.90	-0.015	192.8	-0.016	713.90	-0.025	185.6	-0.0107
713.93	-0.015	192.6	-0.0178	713.93	-0.027	185.2	-0.0133
713.97	-0.017	192.4	-0.0195	713.97	-0.027	185	-0.016
714.00	-0.017	192.3	-0.0204	714.00	-0.028	184.7	-0.016
714.03	-0.017	192.1	-0.0204	714.03	-0.029	184.5	-0.0178
714.07	-0.017	192	-0.0204	714.07	-0.029	184.5	-0.0186
714.10	-0.017	192	-0.0204	714.10	-0.029	184.3	-0.0195
714.13	-0.017	191.9	-0.0213	714.13	-0.029	184.1	-0.0204
714.17	-0.017	191.8	-0.0213	714.17	-0.028	184	-0.0204
714.20	-0.017	191.7	-0.0213	714.20	-0.028	183.9	-0.0186
714.23	-0.016	191.7	-0.0204	714.23	-0.026	183.9	-0.0178
714.28	-0.015	191.7	-0.0195	714.27	-0.025	183.9	-0.0178
714.32	-0.015	191.6	-0.0186	714.30	-0.025	183.9	-0.016
714.33	-0.013	191.6	-0.0169	714.33	-0.024	183.8	-0.0142
714.37	-0.012	191.7	-0.0151	714.37	-0.022	184	-0.0107
714.40	-0.01	191.8	-0.0151	714.40	-0.019	184.1	-0.008
714.43	-0.01	191.8	-0.0133	714.43	-0.018	184.1	-0.0044
714.47	-0.01	191.8	-0.0107	714.48	-0.015	184.4	0
714.50	-0.008	191.9	-0.008	714.52	-0.013	184.5	0.0027
714.53	-0.005	192.1	-0.0053	714.53	-0.012	184.7	0.0071
714.57	-0.004	192.2	-0.0027	714.57	-0.009	185	0.0124
714.60	-0.002	192.4	0.0009	714.60	-0.004	185.3	0.0124
714.63	0.001	192.6	0.0009	714.63	-0.003	185.3	0.0195
714.67	0.002	192.6	0.0053	714.67	-0.003	185.5	0.0257
714.70	0.002	192.7	0.008	714.70	0	186	0.0337
714.73	0.004	193	0.0115	714.73	0.005	186.3	0.0417
714.77	0.007	193.2	0.016	714.77	0.006	186.6	0.0488
714.80	0.008	193.4	0.0186	714.80	0.01	187.2	0.0568
714.83	0.01	193.7	0.0231	714.83	0.014	187.6	0.0568
714.87	0.014	193.9	0.0231	714.87	0.016	187.6	0.0648
714.90	0.014	193.9	0.0284	714.90	0.016	188	0.0719
714.93	0.014	194.1	0.0311	714.93	0.019	188.4	0.079
714.97	0.016	194.4	0.0355	714.97	0.023	188.9	0.087
715.00	0.019	194.7	0.0391	715.00	0.025	189.2	0.0932
715.03	0.02	194.9	0.0417	715.03	0.027	189.7	0.0994
715.07	0.021	195.1	0.0453	715.07	0.031	190.1	0.0994
715.10	0.023	195.4	0.0453	715.10	0.032	190.1	0.1065
715.13	0.024	195.4	0.0479	715.13	0.032	190.5	0.111
715.17	0.024	195.7	0.0506	715.17	0.033	190.9	0.1163
715.20	0.025	195.9	0.0533	715.20	0.036	191.2	0.1198
715.23	0.027	196.1	0.055	715.23	0.037	191.5	0.1234
715.27	0.027	196.3	0.0559	715.27	0.038	191.8	0.126
715.30	0.027	196.4	0.0568	715.30	0.04	192.1	0.126
715.33	0.028	196.6	0.0568	715.33	0.04	192.1	0.1287
715.37	0.029	196.8	0.0577	715.37	0.04	192.3	0.1305
715.40	0.029	196.8	0.0586	715.40	0.04	192.5	0.1314
715.43	0.029	196.9	0.0595	715.43	0.04	192.8	0.1323
715.47	0.029	197	0.0595	715.47	0.04	192.9	0.1323
715.50	0.029	197.1	0.0595	715.50	0.04	193	0.1323
715.53	0.028	197.2	0.0586	715.53	0.04	193.2	0.1323
715.57	0.027	197.2	0.0586	715.57	0.038	193.2	0.1323
715.60	0.026	197.2	0.0577	715.60	0.038	193.2	0.1305
715.63	0.026	197.2	0.0568	715.63	0.037	193.2	0.1287
715.67	0.026	197.2	0.055	715.67	0.035	193.2	0.126
715.72	0.023	197.2	0.0533	715.70	0.033	193.1	0.1234
715.75	0.023	197.2	0.0524	715.73	0.032	193.1	0.1198
715.77	0.022	197.2	0.0506	715.77	0.028	192.9	0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
715.80	0.02	197	0.0479	715.80	0.026	192.8	0.1154
715.83	0.018	196.9	0.0462	715.83	0.026	192.8	0.1127
715.87	0.017	196.9	0.0426	715.87	0.025	192.6	0.1065
715.90	0.015	196.6	0.0426	715.92	0.019	192.2	0.1003
715.93	0.012	196.5	0.0391	715.95	0.019	192.2	0.0976
715.97	0.012	196.5	0.0364	715.98	0.017	192	0.0914
716.00	0.011	196.4	0.0328	716.00	0.012	191.6	0.0843
716.03	0.009	196.1	0.0293	716.03	0.01	191.2	0.0781
716.07	0.006	195.9	0.0249	716.07	0.007	190.9	0.0701
716.10	0.005	195.8	0.0204	716.10	0.003	190.4	0.0701
716.13	0.003	195.4	0.0169	716.13	0	190.1	0.0612
716.17	0	195.1	0.0169	716.17	0	190.1	0.055
716.20	-0.001	195.1	0.0133	716.20	-0.002	189.7	0.0479
716.23	-0.001	194.9	0.0098	716.23	-0.006	189.1	0.0391
716.27	-0.003	194.6	0.0062	716.27	-0.009	188.7	0.0328
716.30	-0.006	194.4	0.0018	716.30	-0.011	188.4	0.0249
716.33	-0.007	194.2	-0.0009	716.33	-0.014	187.8	0.0249
716.37	-0.008	193.9	-0.0044	716.37	-0.017	187.4	0.0169
716.40	-0.011	193.6	-0.0044	716.40	-0.017	187.4	0.0107
716.43	-0.012	193.6	-0.008	716.43	-0.018	187	0.0053
716.47	-0.012	193.4	-0.0098	716.47	-0.021	186.5	0
716.50	-0.013	193.2	-0.0133	716.50	-0.023	186.1	-0.0053
716.53	-0.015	192.9	-0.0151	716.53	-0.024	185.8	-0.008
716.57	-0.015	192.7	-0.016	716.57	-0.026	185.4	-0.008
716.60	-0.015	192.5	-0.0178	716.60	-0.027	185.1	-0.0124
716.63	-0.016	192.4	-0.0178	716.63	-0.027	185.1	-0.0151
716.67	-0.017	192.4	-0.0195	716.67	-0.027	184.8	-0.0169
716.70	-0.017	192.2	-0.0204	716.70	-0.028	184.6	-0.0186
716.73	-0.017	192.1	-0.0213	716.73	-0.029	184.3	-0.0195
716.77	-0.017	192	-0.0213	716.77	-0.029	184.2	-0.0204
716.80	-0.017	191.9	-0.0213	716.80	-0.029	184	-0.0204
716.83	-0.017	191.8	-0.0204	716.83	-0.028	183.9	-0.0204
716.87	-0.016	191.7	-0.0204	716.87	-0.028	183.9	-0.0204
716.90	-0.016	191.7	-0.0204	716.90	-0.027	183.8	-0.0186
716.93	-0.016	191.7	-0.0195	716.93	-0.026	183.8	-0.0169
716.97	-0.015	191.7	-0.0186	716.97	-0.024	183.8	-0.016
717.00	-0.013	191.7	-0.0169	717.00	-0.023	183.8	-0.0133
717.03	-0.012	191.7	-0.016	717.03	-0.021	184	-0.0107
717.07	-0.012	191.7	-0.0133	717.07	-0.018	184.1	-0.0107
717.10	-0.009	191.9	-0.0133	717.10	-0.017	184.1	-0.0071
717.13	-0.008	191.9	-0.0107	717.13	-0.017	184.2	-0.0027
717.18	-0.007	192	-0.0071	717.17	-0.015	184.4	0.0009
717.22	-0.005	192.1	-0.0071	717.20	-0.011	184.7	0.0062
717.23	-0.003	192.1	-0.0053	717.23	-0.009	184.9	0.0115
717.27	-0.003	192.3	-0.0018	717.27	-0.006	185.2	0.0186
717.30	-0.002	192.4	0.0027	717.30	-0.002	185.6	0.0186
717.33	0.001	192.7	0.0062	717.33	0	185.6	0.0257
717.37	0.003	192.8	0.0089	717.38	0.002	186.2	0.0373
717.40	0.004	193	0.0142	717.42	0.005	186.5	0.0373
717.43	0.008	193.3	0.0142	717.43	0.007	186.5	0.0426
717.47	0.009	193.5	0.0186	717.47	0.007	186.8	0.0506
717.50	0.009	193.5	0.0204	717.50	0.011	187.4	0.0604
717.53	0.011	193.7	0.0249	717.53	0.016	187.8	0.0683
717.57	0.014	194	0.0302	717.57	0.017	188.1	0.0737
717.60	0.016	194.3	0.0328	717.60	0.02	188.6	0.0817
717.63	0.017	194.5	0.0364	717.63	0.025	189.1	0.0817
717.67	0.019	194.8	0.0364	717.67	0.025	189.1	0.0905
717.70	0.021	195	0.0408	717.70	0.025	189.4	0.0959
717.73	0.021	195	0.0435	717.73	0.028	189.9	0.1021
717.77	0.022	195.2	0.0462	717.77	0.032	190.3	0.1092
717.80	0.023	195.6	0.0488	717.80	0.033	190.6	0.1136
717.83	0.025	195.8	0.0515	717.83	0.034	191	0.1172
717.87	0.025	195.9	0.0533	717.87	0.037	191.3	0.1172

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
717.90	0.027	196.2	0.055	717.90	0.037	191.3	0.1216
717.93	0.028	196.3	0.055	717.93	0.037	191.6	0.1243
717.97	0.028	196.3	0.0568	717.97	0.038	191.9	0.1269
718.00	0.028	196.5	0.0577	718.00	0.04	192.2	0.1296
718.03	0.028	196.7	0.0586	718.03	0.04	192.4	0.1305
718.07	0.029	196.8	0.0595	718.07	0.04	192.6	0.1314
718.10	0.029	196.9	0.0595	718.10	0.04	192.8	0.1314
718.13	0.029	197	0.0595	718.13	0.04	192.8	0.1323
718.17	0.029	197.1	0.0595	718.17	0.04	193	0.1323
718.20	0.028	197.1	0.0595	718.20	0.04	193.1	0.1323
718.23	0.028	197.2	0.0595	718.23	0.039	193.2	0.1314
718.27	0.027	197.2	0.0577	718.27	0.038	193.2	0.1296
718.30	0.026	197.2	0.0559	718.30	0.036	193.2	0.1269
718.33	0.025	197.2	0.055	718.33	0.033	193.2	0.1269
718.37	0.024	197.2	0.0533	718.37	0.033	193.2	0.1243
718.40	0.022	197.1	0.0533	718.40	0.033	193.2	0.1225
718.43	0.021	197.1	0.0515	718.43	0.031	193.1	0.1181
718.47	0.021	197.1	0.0497	718.47	0.027	192.8	0.1136
718.50	0.02	196.9	0.0462	718.50	0.025	192.7	0.1101
718.53	0.016	196.8	0.0426	718.53	0.023	192.5	0.1047
718.57	0.016	196.7	0.0408	718.57	0.019	192.2	0.1047
718.62	0.014	196.5	0.0373	718.60	0.016	191.9	0.0985
718.65	0.012	196.4	0.0355	718.63	0.016	191.9	0.0923
718.68	0.01	196.3	0.032	718.67	0.014	191.7	0.0861
718.70	0.009	196	0.0284	718.70	0.01	191.2	0.0781
718.73	0.005	195.8	0.0284	718.73	0.007	190.9	0.071
718.77	0.004	195.8	0.0231	718.77	0.005	190.6	0.0639
718.80	0.004	195.6	0.0195	718.80	0	190.1	0.0639
718.83	0.002	195.3	0.016	718.85	-0.002	189.8	0.0515
718.87	-0.001	195	0.0115	718.88	-0.003	189.5	0.0444
718.90	-0.002	194.8	0.008	718.90	-0.007	188.9	0.0364
718.93	-0.004	194.5	0.0044	718.93	-0.01	188.5	0.0364
718.97	-0.007	194.3	0.0044	718.97	-0.01	188.5	0.0293
719.00	-0.008	194.3	0.0009	719.00	-0.012	188.1	0.0222
719.03	-0.008	194	-0.0027	719.03	-0.015	187.5	0.0142
719.07	-0.009	193.8	-0.0053	719.07	-0.018	187.2	0.008
719.10	-0.012	193.5	-0.0089	719.10	-0.019	186.7	0.0036
719.13	-0.012	193.3	-0.0107	719.13	-0.022	186.2	-0.0027
719.17	-0.013	193.1	-0.0133	719.17	-0.024	185.9	-0.0027
719.20	-0.015	192.8	-0.0133	719.20	-0.025	185.9	-0.0071
719.23	-0.015	192.8	-0.016	719.23	-0.025	185.6	-0.0098
719.27	-0.015	192.7	-0.0169	719.27	-0.026	185.2	-0.0133
719.30	-0.016	192.5	-0.0186	719.30	-0.028	184.9	-0.016
719.33	-0.017	192.3	-0.0195	719.33	-0.028	184.7	-0.0169
719.37	-0.017	192.1	-0.0204	719.37	-0.028	184.4	-0.0195
719.40	-0.017	192	-0.0213	719.40	-0.029	184.2	-0.0195
719.43	-0.017	191.9	-0.0213	719.43	-0.029	184.2	-0.0195
719.47	-0.017	191.9	-0.0213	719.47	-0.029	184.1	-0.0204
719.50	-0.017	191.8	-0.0213	719.50	-0.028	183.9	-0.0204
719.53	-0.017	191.7	-0.0204	719.53	-0.028	183.8	-0.0195
719.57	-0.016	191.7	-0.0204	719.57	-0.027	183.8	-0.0186
719.60	-0.015	191.7	-0.0195	719.60	-0.026	183.8	-0.0169
719.63	-0.015	191.6	-0.0178	719.63	-0.023	183.8	-0.0169
719.67	-0.013	191.7	-0.0178	719.67	-0.022	183.8	-0.0142
719.70	-0.012	191.7	-0.016	719.70	-0.022	183.8	-0.0124
719.73	-0.012	191.7	-0.0151	719.73	-0.021	184	-0.0089
719.77	-0.011	191.8	-0.0124	719.77	-0.017	184.1	-0.0053
719.80	-0.008	191.9	-0.0098	719.80	-0.016	184.2	-0.0018
719.83	-0.007	192	-0.0071	719.83	-0.014	184.5	0.0036
719.87	-0.006	192.1	-0.0044	719.87	-0.009	184.7	0.0036
719.90	-0.003	192.3	-0.0044	719.90	-0.008	184.7	0.0089
719.93	-0.002	192.4	-0.0018	719.93	-0.008	184.9	0.0133
719.97	-0.002	192.4	0.0009	719.97	-0.005	185.3	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
720.00	0	192.6	0.0053	720.00	0	185.7	0.0302
720.03	0.003	192.9	0.0098	720.03	0.001	185.9	0.0355
720.08	0.005	193	0.0124	720.07	0.004	186.3	0.0426
720.12	0.006	193.2	0.0151	720.10	0.009	186.8	0.0426
720.13	0.008	193.4	0.0186	720.13	0.011	187.2	0.0515
720.17	0.01	193.6	0.0231	720.17	0.011	187.2	0.0577
720.20	0.012	193.9	0.0275	720.20	0.013	187.6	0.0657
720.23	0.014	194.2	0.0275	720.23	0.018	188.1	0.0737
720.27	0.016	194.4	0.0311	720.28	0.02	188.5	0.0808
720.30	0.016	194.4	0.0346	720.32	0.021	188.8	0.0852
720.33	0.017	194.6	0.0382	720.33	0.024	189.2	0.0914
720.37	0.02	194.9	0.0426	720.37	0.027	189.6	0.0985
720.40	0.022	195.1	0.0444	720.40	0.029	190	0.1039
720.43	0.022	195.4	0.047	720.43	0.032	190.4	0.1039
720.47	0.024	195.7	0.047	720.47	0.034	190.8	0.1101
720.50	0.026	195.9	0.0497	720.50	0.034	190.8	0.1145
720.53	0.026	195.9	0.0524	720.53	0.035	191.1	0.1189
720.57	0.026	196.1	0.0541	720.57	0.037	191.4	0.1234
720.60	0.027	196.2	0.0559	720.60	0.039	191.8	0.126
720.63	0.028	196.4	0.0577	720.63	0.039	192	0.1278
720.67	0.028	196.6	0.0577	720.67	0.039	192.3	0.1296
720.70	0.028	196.7	0.0586	720.70	0.04	192.5	0.1296
720.73	0.029	196.9	0.0586	720.73	0.04	192.5	0.1314
720.77	0.029	196.9	0.0586	720.77	0.04	192.7	0.1314
720.80	0.029	197	0.0595	720.80	0.04	192.8	0.1314
720.83	0.029	197	0.0595	720.83	0.04	193	0.1323
720.87	0.028	197.1	0.0595	720.87	0.04	193.1	0.1323
720.90	0.028	197.2	0.0586	720.90	0.039	193.2	0.1305
720.93	0.027	197.2	0.0568	720.93	0.037	193.2	0.1305
720.97	0.025	197.2	0.0568	720.97	0.036	193.2	0.1287
721.00	0.025	197.2	0.055	721.00	0.036	193.2	0.1269
721.03	0.025	197.2	0.0541	721.03	0.034	193.1	0.1234
721.07	0.024	197.2	0.0524	721.07	0.031	193.1	0.1207
721.10	0.021	197.1	0.0506	721.10	0.029	193	0.1172
721.13	0.02	197	0.0479	721.13	0.027	192.8	0.1127
721.17	0.019	196.9	0.0453	721.17	0.024	192.6	0.1127
721.20	0.016	196.8	0.0453	721.20	0.022	192.6	0.1074
721.23	0.015	196.8	0.0417	721.23	0.022	192.4	0.103
721.27	0.015	196.7	0.0391	721.27	0.02	192.1	0.0968
721.30	0.013	196.4	0.0355	721.30	0.014	191.8	0.0888
721.33	0.01	196.2	0.032	721.33	0.013	191.5	0.0843
721.37	0.009	196.1	0.0284	721.37	0.011	191.2	0.0763
721.40	0.007	195.8	0.024	721.40	0.005	190.7	0.0763
721.43	0.003	195.6	0.024	721.43	0.003	190.7	0.0675
721.47	0.002	195.6	0.0195	721.47	0.003	190.4	0.0621
721.52	0.001	195.2	0.0142	721.50	0.001	190	0.0541
721.55	-0.001	194.9	0.0142	721.53	-0.004	189.5	0.0453
721.58	-0.003	194.9	0.0115	721.57	-0.006	189.1	0.0382
721.60	-0.003	194.7	0.0071	721.60	-0.008	188.6	0.0311
721.63	-0.005	194.4	0.0027	721.63	-0.013	188.1	0.0311
721.67	-0.008	194.1	-0.0009	721.67	-0.014	188.1	0.0222
721.70	-0.008	193.9	-0.0036	721.70	-0.014	187.8	0.0169
721.73	-0.01	193.7	-0.0071	721.75	-0.019	186.8	0.0098
721.77	-0.012	193.4	-0.0071	721.78	-0.021	186.8	0.0044
721.80	-0.013	193.4	-0.0107	721.80	-0.021	186.5	0.0009
721.83	-0.013	193.2	-0.0124	721.83	-0.022	186.1	-0.0036
721.87	-0.014	192.9	-0.0142	721.87	-0.025	185.7	-0.008
721.90	-0.015	192.7	-0.016	721.90	-0.025	185.4	-0.0107
721.93	-0.016	192.5	-0.0178	721.93	-0.026	185.1	-0.0142
721.97	-0.016	192.4	-0.0195	721.97	-0.028	184.8	-0.0142
722.00	-0.017	192.2	-0.0195	722.00	-0.028	184.8	-0.0169
722.03	-0.017	192.2	-0.0204	722.03	-0.028	184.6	-0.0186
722.07	-0.017	192	-0.0213	722.07	-0.029	184.4	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
722.10	-0.017	191.9	-0.0213	722.10	-0.029	184.2	-0.0204
722.13	-0.017	191.8	-0.0213	722.13	-0.029	184	-0.0204
722.17	-0.017	191.7	-0.0213	722.17	-0.028	183.9	-0.0204
722.20	-0.017	191.7	-0.0204	722.20	-0.027	183.8	-0.0204
722.23	-0.016	191.6	-0.0204	722.23	-0.026	183.8	-0.0195
722.27	-0.015	191.6	-0.0195	722.27	-0.026	183.8	-0.0178
722.30	-0.015	191.6	-0.0186	722.30	-0.025	183.8	-0.016
722.33	-0.014	191.6	-0.0178	722.33	-0.023	183.8	-0.0133
722.37	-0.013	191.7	-0.016	722.37	-0.022	183.9	-0.0115
722.40	-0.011	191.7	-0.0142	722.40	-0.02	184	-0.008
722.43	-0.01	191.8	-0.0115	722.43	-0.016	184.2	-0.008
722.47	-0.007	191.9	-0.0115	722.47	-0.015	184.3	-0.0036
722.50	-0.007	191.9	-0.0089	722.50	-0.015	184.3	0
722.53	-0.007	192	-0.0062	722.53	-0.013	184.5	0.0053
722.57	-0.005	192.1	-0.0027	722.57	-0.009	184.8	0.0115
722.60	-0.002	192.3	0	722.60	-0.006	185.1	0.016
722.63	-0.001	192.5	0.0027	722.63	-0.004	185.3	0.0231
722.67	0.001	192.7	0.0071	722.67	0	185.8	0.0231
722.70	0.004	192.9	0.0071	722.70	0.004	186.1	0.032
722.73	0.006	192.9	0.0115	722.73	0.004	186.1	0.0391
722.77	0.006	193.1	0.0142	722.77	0.005	186.4	0.0453
722.80	0.007	193.3	0.0186	722.80	0.009	187	0.0541
722.83	0.011	193.6	0.0231	722.83	0.013	187.4	0.0612
722.87	0.012	193.8	0.0257	722.87	0.015	187.7	0.0683
722.90	0.013	194	0.0302	722.90	0.019	188.2	0.0683
722.93	0.016	194.3	0.0302	722.93	0.022	188.7	0.0772
722.98	0.018	194.5	0.0373	722.97	0.022	188.7	0.0834
723.02	0.018	194.7	0.0399	723.00	0.023	189	0.0905
723.03	0.02	195	0.0399	723.03	0.027	189.5	0.0976
723.07	0.022	195.2	0.0435	723.07	0.029	189.9	0.1039
723.10	0.022	195.2	0.0453	723.10	0.031	190.2	0.1083
723.13	0.023	195.4	0.0488	723.13	0.033	190.6	0.1127
723.17	0.025	195.7	0.0506	723.18	0.035	191	0.1181
723.20	0.026	195.9	0.0533	723.22	0.036	191.3	0.1207
723.23	0.026	196.1	0.055	723.25	0.037	191.6	0.1234
723.27	0.028	196.3	0.055	723.27	0.039	191.9	0.1234
723.30	0.028	196.5	0.0568	723.30	0.039	191.9	0.126
723.33	0.028	196.5	0.0577	723.33	0.039	192.1	0.1287
723.37	0.029	196.7	0.0586	723.37	0.04	192.4	0.1296
723.40	0.029	196.8	0.0586	723.40	0.04	192.6	0.1314
723.43	0.029	196.9	0.0586	723.43	0.04	192.8	0.1314
723.47	0.029	197	0.0586	723.47	0.04	192.9	0.1323
723.50	0.028	197.1	0.0586	723.50	0.04	193.1	0.1323
723.53	0.028	197.2	0.0586	723.53	0.039	193.1	0.1323
723.57	0.028	197.2	0.0586	723.57	0.039	193.2	0.1314
723.60	0.027	197.2	0.0577	723.60	0.038	193.2	0.1296
723.63	0.026	197.2	0.0559	723.63	0.036	193.2	0.1269
723.67	0.025	197.2	0.055	723.67	0.035	193.2	0.1252
723.70	0.024	197.2	0.0533	723.70	0.033	193.2	0.1225
723.73	0.023	197.1	0.0506	723.73	0.03	193	0.1225
723.77	0.02	197	0.0506	723.77	0.028	193	0.1189
723.80	0.02	197	0.0488	723.80	0.028	193	0.1163
723.83	0.02	197	0.0462	723.83	0.027	192.8	0.111
723.87	0.018	196.8	0.0435	723.87	0.023	192.5	0.1056
723.90	0.015	196.7	0.0399	723.90	0.02	192.3	0.1003
723.93	0.014	196.6	0.0373	723.93	0.018	192.1	0.0941
723.97	0.012	196.3	0.0337	723.97	0.014	191.7	0.0941
724.00	0.009	196.1	0.0337	724.00	0.011	191.4	0.0879
724.03	0.009	196.1	0.0302	724.03	0.011	191.4	0.0808
724.07	0.008	196	0.0257	724.07	0.009	191.2	0.0737
724.10	0.005	195.7	0.0222	724.10	0.004	190.6	0.0648
724.13	0.002	195.5	0.0178	724.13	0.001	190.2	0.0577
724.17	0.001	195.2	0.0142	724.17	-0.001	189.9	0.0506

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
724.20	0	195	0.0107	724.20	-0.005	189.4	0.0506
724.23	-0.004	194.7	0.0107	724.23	-0.008	188.9	0.0426
724.27	-0.004	194.7	0.0062	724.27	-0.008	188.9	0.0355
724.30	-0.004	194.5	0.0036	724.30	-0.009	188.5	0.0275
724.33	-0.006	194.2	0	724.33	-0.014	188	0.0186
724.37	-0.009	193.9	-0.0036	724.37	-0.016	187.5	0.0124
724.40	-0.01	193.7	-0.0062	724.40	-0.017	187.2	0.0089
724.45	-0.011	193.4	-0.0089	724.43	-0.02	186.7	0.0089
724.48	-0.013	193.2	-0.0115	724.47	-0.022	186.3	0.0018
724.50	-0.013	193	-0.0133	724.50	-0.022	186.3	-0.0027
724.53	-0.014	192.8	-0.0151	724.53	-0.024	185.9	-0.0071
724.57	-0.016	192.6	-0.0151	724.57	-0.026	185.5	-0.0115
724.60	-0.016	192.6	-0.0178	724.60	-0.027	185.2	-0.0142
724.63	-0.016	192.4	-0.0178	724.65	-0.027	184.9	-0.016
724.67	-0.016	192.2	-0.0195	724.68	-0.028	184.7	-0.0178
724.70	-0.017	192.1	-0.0204	724.70	-0.028	184.5	-0.0195
724.73	-0.017	192	-0.0213	724.73	-0.029	184.2	-0.0204
724.77	-0.017	191.8	-0.0213	724.77	-0.029	184.1	-0.0213
724.80	-0.017	191.7	-0.0213	724.80	-0.028	184	-0.0213
724.83	-0.017	191.7	-0.0213	724.83	-0.028	184	-0.0204
724.87	-0.017	191.7	-0.0204	724.87	-0.028	183.8	-0.0204
724.90	-0.016	191.6	-0.0204	724.90	-0.027	183.8	-0.0195
724.93	-0.015	191.6	-0.0195	724.93	-0.026	183.7	-0.0178
724.97	-0.014	191.6	-0.0186	724.97	-0.024	183.8	-0.016
725.00	-0.014	191.6	-0.0169	725.00	-0.023	183.8	-0.0133
725.03	-0.011	191.7	-0.0169	725.03	-0.021	183.9	-0.0133
725.07	-0.011	191.7	-0.0142	725.07	-0.019	183.9	-0.0107
725.10	-0.011	191.7	-0.0133	725.10	-0.019	184	-0.0071
725.13	-0.01	191.8	-0.0107	725.13	-0.017	184.2	-0.0027
725.17	-0.006	191.9	-0.0071	725.17	-0.013	184.4	0.0018
725.20	-0.006	192	-0.0053	725.20	-0.011	184.6	0.0062
725.23	-0.004	192.2	-0.0018	725.23	-0.009	184.9	0.0124
725.27	-0.001	192.4	-0.0018	725.27	-0.004	185.2	0.0124
725.30	0	192.4	0.0018	725.30	-0.003	185.2	0.0195
725.33	0	192.5	0.0044	725.33	-0.003	185.4	0.0249
725.37	0.002	192.8	0.0089	725.37	0	185.8	0.0337
725.40	0.006	193	0.0124	725.40	0.005	186.3	0.0426
725.43	0.006	193.2	0.016	725.43	0.007	186.6	0.0479
725.47	0.008	193.4	0.0204	725.47	0.009	187.1	0.0568
725.50	0.012	193.7	0.0204	725.50	0.015	187.6	0.0568
725.53	0.013	193.7	0.0249	725.53	0.016	187.6	0.0648
725.57	0.013	193.9	0.0284	725.57	0.016	187.9	0.071
725.60	0.014	194.1	0.032	725.60	0.019	188.3	0.079
725.63	0.017	194.4	0.0364	725.63	0.024	188.8	0.0879
725.67	0.018	194.6	0.0391	725.67	0.024	189.1	0.0923
725.70	0.02	194.9	0.0426	725.70	0.027	189.6	0.0994
725.73	0.022	195.1	0.0426	725.73	0.031	190.1	0.0994
725.77	0.023	195.4	0.0462	725.77	0.032	190.4	0.1065
725.80	0.023	195.4	0.0479	725.80	0.032	190.4	0.1101
725.83	0.024	195.6	0.0506	725.83	0.033	190.7	0.1145
725.88	0.026	196	0.0533	725.87	0.036	191.1	0.1189
725.92	0.026	196	0.0541	725.90	0.037	191.4	0.1225
725.95	0.027	196.2	0.0559	725.93	0.038	191.7	0.126
725.97	0.028	196.4	0.0568	725.97	0.039	192.1	0.126
726.00	0.028	196.6	0.0577	726.00	0.04	192.3	0.1287
726.03	0.029	196.7	0.0586	726.03	0.04	192.3	0.1305
726.07	0.029	196.8	0.0586	726.08	0.04	192.7	0.1314
726.10	0.029	196.9	0.0586	726.12	0.04	192.8	0.1314
726.13	0.029	196.9	0.0595	726.15	0.04	192.8	0.1323
726.17	0.029	197	0.0595	726.17	0.04	193	0.1323
726.20	0.028	197.1	0.0595	726.20	0.04	193.1	0.1323
726.23	0.028	197.2	0.0586	726.23	0.039	193.2	0.1314
726.27	0.027	197.2	0.0577	726.27	0.038	193.3	0.1287

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
726.30	0.026	197.2	0.0559	726.30	0.036	193.2	0.126
726.33	0.024	197.2	0.0559	726.33	0.033	193.2	0.126
726.37	0.023	197.2	0.0541	726.37	0.033	193.2	0.1234
726.40	0.023	197.2	0.0533	726.40	0.032	193.1	0.1216
726.43	0.022	197.1	0.0506	726.43	0.03	193	0.1181
726.47	0.02	197	0.0479	726.47	0.027	192.8	0.1136
726.50	0.019	196.9	0.0453	726.50	0.025	192.7	0.1092
726.53	0.017	196.8	0.0426	726.53	0.023	192.5	0.1039
726.57	0.014	196.6	0.0426	726.57	0.018	192.2	0.1039
726.60	0.013	196.6	0.0391	726.60	0.017	192.2	0.0976
726.63	0.013	196.5	0.0364	726.63	0.017	192	0.0923
726.67	0.011	196.3	0.0328	726.67	0.015	191.6	0.0861
726.70	0.008	196.1	0.0293	726.70	0.009	191.2	0.0781
726.73	0.007	195.9	0.0249	726.73	0.008	191	0.0719
726.77	0.005	195.7	0.0213	726.77	0.004	190.5	0.063
726.80	0.001	195.4	0.0213	726.80	0	190.1	0.063
726.83	0.001	195.4	0.0169	726.83	-0.002	190.1	0.055
726.87	0.001	195.1	0.0133	726.87	-0.002	189.7	0.0488
726.90	-0.001	194.9	0.0098	726.90	-0.004	189.2	0.0408
726.93	-0.005	194.6	0.0053	726.93	-0.01	188.8	0.032
726.97	-0.005	194.4	0.0018	726.97	-0.01	188.4	0.0257
727.00	-0.006	194.1	-0.0009	727.00	-0.013	187.9	0.0178
727.03	-0.01	193.8	-0.0009	727.03	-0.017	187.4	0.0178
727.07	-0.011	193.8	-0.0053	727.07	-0.019	187.4	0.0107
727.10	-0.011	193.6	-0.008	727.10	-0.019	187.1	0.0062
727.13	-0.011	193.3	-0.0107	727.13	-0.02	186.5	0
727.17	-0.014	193.1	-0.0133	727.17	-0.024	186.1	-0.0062
727.20	-0.014	192.9	-0.0142	727.20	-0.024	185.8	-0.0089
727.23	-0.015	192.7	-0.0169	727.23	-0.026	185.4	-0.0124
727.27	-0.016	192.5	-0.0169	727.27	-0.027	185.1	-0.0124
727.30	-0.017	192.5	-0.0186	727.30	-0.027	185.1	-0.0151
727.35	-0.017	192.2	-0.0195	727.33	-0.027	184.8	-0.0178
727.38	-0.017	192	-0.0195	727.37	-0.028	184.6	-0.0195
727.40	-0.017	191.9	-0.0204	727.40	-0.029	184.3	-0.0204
727.43	-0.017	191.9	-0.0204	727.43	-0.029	184.2	-0.0204
727.47	-0.017	191.8	-0.0213	727.47	-0.028	184	-0.0204
727.50	-0.017	191.7	-0.0213	727.50	-0.028	183.9	-0.0204
727.53	-0.017	191.7	-0.0204	727.55	-0.027	183.8	-0.0204
727.57	-0.016	191.6	-0.0195	727.58	-0.027	183.8	-0.0195
727.60	-0.015	191.6	-0.0195	727.60	-0.026	183.7	-0.0195
727.63	-0.014	191.6	-0.0186	727.63	-0.024	183.7	-0.0178
727.67	-0.014	191.6	-0.0169	727.67	-0.024	183.8	-0.0151
727.70	-0.013	191.6	-0.016	727.70	-0.022	183.9	-0.0115
727.73	-0.011	191.7	-0.0133	727.73	-0.019	184	-0.008
727.77	-0.01	191.7	-0.0124	727.77	-0.018	184.1	-0.0062
727.80	-0.009	191.8	-0.0098	727.80	-0.016	184.3	-0.0018
727.83	-0.007	192	-0.0098	727.83	-0.011	184.5	-0.0018
727.87	-0.004	192.1	-0.0071	727.87	-0.011	184.5	0.0036
727.90	-0.004	192.1	-0.0036	727.90	-0.011	184.7	0.008
727.93	-0.003	192.2	0	727.93	-0.008	185	0.016
727.97	-0.001	192.5	0.0027	727.97	-0.003	185.4	0.0222
728.00	0.002	192.6	0.0062	728.00	-0.001	185.7	0.0293
728.03	0.003	192.8	0.0107	728.03	0.001	186	0.0373
728.07	0.005	193.1	0.0142	728.07	0.006	186.4	0.0373
728.10	0.008	193.3	0.0142	728.10	0.008	186.4	0.0444
728.13	0.008	193.3	0.0186	728.13	0.008	186.8	0.0506
728.17	0.009	193.5	0.0213	728.17	0.011	187.3	0.0586
728.20	0.011	193.8	0.0257	728.20	0.016	187.8	0.0683
728.23	0.014	194	0.0302	728.23	0.018	188.1	0.0737
728.27	0.015	194.2	0.0337	728.27	0.02	188.5	0.0808
728.30	0.017	194.6	0.0382	728.30	0.024	189	0.0808
728.33	0.02	194.8	0.0382	728.33	0.026	189	0.0888
728.37	0.02	194.8	0.0408	728.37	0.026	189.3	0.095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
728.40	0.021	195	0.0444	728.40	0.028	189.7	0.1021
728.43	0.022	195.2	0.047	728.43	0.031	190.2	0.1074
728.47	0.024	195.5	0.0488	728.47	0.033	190.5	0.1118
728.50	0.024	195.7	0.0515	728.50	0.035	190.9	0.1172
728.53	0.026	196	0.0541	728.53	0.036	191.3	0.1172
728.57	0.027	196.2	0.0541	728.57	0.038	191.6	0.1216
728.60	0.027	196.2	0.0559	728.60	0.038	191.6	0.1234
728.63	0.027	196.3	0.0568	728.63	0.038	191.9	0.1269
728.67	0.028	196.5	0.0577	728.67	0.039	192.1	0.1296
728.70	0.029	196.6	0.0586	728.70	0.04	192.4	0.1305
728.73	0.029	196.8	0.0595	728.73	0.04	192.6	0.1314
728.78	0.029	196.9	0.0595	728.77	0.04	192.7	0.1314
728.82	0.029	197	0.0595	728.80	0.04	192.9	0.1323
728.85	0.029	197.1	0.0595	728.83	0.04	192.9	0.1323
728.87	0.028	197.2	0.0586	728.87	0.04	193.1	0.1323
728.90	0.027	197.2	0.0586	728.90	0.039	193.1	0.1305
728.93	0.027	197.2	0.0577	728.93	0.037	193.2	0.1287
728.97	0.027	197.2	0.0577	728.97	0.036	193.2	0.1269
729.00	0.026	197.2	0.055	729.02	0.034	193.1	0.1234
729.03	0.024	197.2	0.0533	729.05	0.033	193.1	0.1225
729.07	0.023	197.1	0.0515	729.07	0.031	193.1	0.1189
729.10	0.022	197.1	0.0497	729.10	0.029	192.9	0.1154
729.13	0.019	197	0.0497	729.13	0.026	192.8	0.1154
729.17	0.018	197	0.047	729.17	0.026	192.8	0.1118
729.20	0.018	196.9	0.0444	729.20	0.024	192.6	0.1056
729.23	0.016	196.7	0.0417	729.23	0.021	192.3	0.1003
729.27	0.013	196.5	0.0382	729.27	0.017	192	0.095
729.30	0.012	196.4	0.0355	729.30	0.015	191.8	0.0897
729.33	0.011	196.2	0.0311	729.33	0.013	191.4	0.0826
729.37	0.007	196	0.0311	729.37	0.007	191	0.0826
729.40	0.006	196	0.0257	729.40	0.006	191	0.0746
729.43	0.006	195.8	0.0231	729.43	0.006	190.8	0.0683
729.47	0.004	195.6	0.0195	729.47	0.004	190.3	0.0612
729.50	0.001	195.3	0.0151	729.50	-0.002	189.9	0.0515
729.53	0	195	0.0124	729.53	-0.003	189.5	0.0444
729.57	-0.002	194.7	0.008	729.57	-0.006	189	0.0373
729.60	-0.005	194.5	0.008	729.60	-0.01	188.5	0.0373
729.63	-0.006	194.5	0.0036	729.63	-0.012	188.5	0.0284
729.67	-0.006	194.3	0.0009	729.67	-0.012	188.1	0.0222
729.70	-0.007	194	-0.0027	729.70	-0.015	187.6	0.0151
729.73	-0.011	193.7	-0.0071	729.73	-0.018	187.2	0.008
729.77	-0.011	193.5	-0.0089	729.77	-0.02	186.8	0.0027
729.80	-0.012	193.2	-0.0115	729.80	-0.021	186.3	-0.0027
729.83	-0.014	193	-0.0115	729.83	-0.024	185.9	-0.0027
729.87	-0.015	193	-0.0133	729.87	-0.025	185.9	-0.0071
729.90	-0.015	192.8	-0.016	729.90	-0.025	185.6	-0.0107
729.93	-0.015	192.6	-0.0169	729.93	-0.026	185.3	-0.0142
729.97	-0.017	192.4	-0.0186	729.97	-0.028	184.9	-0.0178
730.00	-0.016	192.3	-0.0195	730.00	-0.028	184.7	-0.0186
730.03	-0.017	192.1	-0.0204	730.03	-0.028	184.5	-0.0195
730.07	-0.017	192	-0.0204	730.07	-0.029	184.3	-0.0195
730.10	-0.017	192	-0.0213	730.10	-0.029	184.3	-0.0204
730.13	-0.017	191.9	-0.0213	730.13	-0.029	184.1	-0.0213
730.17	-0.017	191.8	-0.0213	730.17	-0.029	184	-0.0213
730.20	-0.017	191.7	-0.0204	730.20	-0.028	183.9	-0.0204
730.25	-0.016	191.6	-0.0195	730.23	-0.026	183.8	-0.0186
730.28	-0.016	191.6	-0.0195	730.27	-0.026	183.8	-0.0178
730.30	-0.015	191.6	-0.0178	730.30	-0.024	183.8	-0.0178
730.33	-0.014	191.6	-0.0169	730.33	-0.022	183.8	-0.0151
730.37	-0.012	191.6	-0.0151	730.37	-0.022	183.8	-0.0124
730.40	-0.01	191.7	-0.0151	730.40	-0.021	183.9	-0.0107
730.43	-0.009	191.8	-0.0124	730.45	-0.017	184.1	-0.0071
730.47	-0.009	191.8	-0.0107	730.48	-0.017	184.1	-0.0036

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
730.50	-0.008	191.9	-0.008	730.52	-0.015	184.3	0
730.53	-0.005	192	-0.0053	730.53	-0.011	184.6	0.0062
730.57	-0.004	192.2	-0.0027	730.57	-0.009	184.8	0.0107
730.60	-0.002	192.3	0.0018	730.60	-0.007	185.1	0.0169
730.63	0.001	192.5	0.0018	730.63	-0.002	185.5	0.0169
730.67	0.002	192.7	0.0044	730.67	0.001	185.5	0.0249
730.70	0.002	192.7	0.0071	730.70	0.001	185.8	0.032
730.73	0.003	192.9	0.0115	730.73	0.003	186.1	0.0391
730.77	0.007	193.2	0.016	730.77	0.008	186.6	0.047
730.80	0.009	193.4	0.0186	730.80	0.01	187	0.0533
730.83	0.01	193.6	0.0231	730.83	0.012	187.3	0.0604
730.87	0.013	193.9	0.0231	730.87	0.017	187.8	0.0604
730.90	0.015	194.1	0.0284	730.90	0.019	188.2	0.0692
730.93	0.015	194.1	0.032	730.93	0.019	188.2	0.0754
730.97	0.016	194.3	0.0355	730.97	0.021	188.6	0.0834
731.00	0.019	194.6	0.0391	731.00	0.025	189.1	0.0914
731.03	0.02	194.8	0.0426	731.03	0.027	189.5	0.0976
731.07	0.021	195.1	0.0453	731.07	0.029	189.9	0.1039
731.10	0.023	195.3	0.0453	731.10	0.032	190.3	0.1039
731.13	0.024	195.6	0.0479	731.13	0.034	190.7	0.1101
731.17	0.024	195.6	0.0506	731.17	0.034	190.7	0.1145
731.20	0.025	195.8	0.0524	731.20	0.035	191	0.1189
731.23	0.026	196	0.0541	731.23	0.037	191.4	0.1234
731.27	0.028	196.2	0.0568	731.27	0.039	191.7	0.1252
731.30	0.028	196.4	0.0577	731.30	0.039	191.9	0.1269
731.33	0.028	196.6	0.0577	731.33	0.039	192.2	0.1269
731.37	0.029	196.7	0.0586	731.37	0.04	192.4	0.1296
731.40	0.029	196.7	0.0586	731.40	0.04	192.4	0.1305
731.43	0.029	196.8	0.0595	731.43	0.04	192.6	0.1314
731.47	0.029	196.9	0.0595	731.47	0.04	192.8	0.1314
731.50	0.029	197	0.0595	731.50	0.04	192.9	0.1314
731.53	0.028	197.1	0.0595	731.53	0.04	193.1	0.1314
731.57	0.027	197.1	0.0595	731.57	0.038	193.1	0.1296
731.60	0.026	197.2	0.0577	731.60	0.036	193.1	0.1296
731.63	0.026	197.2	0.0568	731.63	0.036	193.1	0.1278
731.67	0.025	197.2	0.055	731.67	0.036	193.2	0.126
731.72	0.023	197.1	0.0541	731.70	0.034	193	0.1225
731.75	0.022	197.1	0.0533	731.73	0.031	193	0.1198
731.77	0.022	197.1	0.0515	731.77	0.03	192.9	0.1163
731.80	0.021	197	0.0488	731.80	0.027	192.7	0.1118
731.83	0.018	196.9	0.0462	731.83	0.023	192.5	0.1118
731.87	0.017	196.8	0.0435	731.87	0.023	192.5	0.1065
731.90	0.016	196.6	0.0399	731.92	0.019	192.1	0.0976
731.93	0.012	196.5	0.0399	731.95	0.017	191.9	0.0976
731.97	0.011	196.5	0.0364	731.97	0.015	191.9	0.0932
732.00	0.011	196.3	0.0337	732.00	0.015	191.7	0.087
732.03	0.009	196.1	0.0293	732.03	0.012	191.2	0.0781
732.07	0.006	195.9	0.0249	732.07	0.006	190.8	0.0701
732.10	0.005	195.7	0.0222	732.10	0.005	190.5	0.0639
732.13	0.004	195.4	0.0186	732.13	0.002	190	0.0559
732.17	0	195.1	0.0186	732.17	-0.003	189.6	0.0559
732.20	-0.001	195.1	0.0133	732.20	-0.005	189.6	0.047
732.23	-0.001	194.9	0.0107	732.23	-0.005	189.2	0.0408
732.27	-0.003	194.6	0.0062	732.27	-0.007	188.7	0.0328
732.30	-0.006	194.3	0.0018	732.30	-0.012	188.2	0.024
732.33	-0.007	194.1	-0.0009	732.33	-0.014	187.9	0.0186
732.37	-0.008	193.8	-0.0044	732.37	-0.015	187.4	0.0124
732.40	-0.011	193.6	-0.0044	732.40	-0.019	187	0.0124
732.43	-0.012	193.6	-0.008	732.43	-0.02	187	0.0044
732.47	-0.012	193.4	-0.0098	732.47	-0.02	186.5	0.0009
732.50	-0.012	193.1	-0.0124	732.50	-0.022	186.1	-0.0044
732.53	-0.015	192.9	-0.0151	732.53	-0.024	185.7	-0.0089
732.57	-0.015	192.7	-0.016	732.57	-0.026	185.4	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
732.60	-0.016	192.5	-0.0178	732.60	-0.026	185.1	-0.0151
732.63	-0.017	192.3	-0.0178	732.63	-0.028	184.8	-0.0151
732.67	-0.017	192.3	-0.0195	732.67	-0.028	184.8	-0.0178
732.70	-0.017	192.1	-0.0195	732.70	-0.028	184.5	-0.0195
732.73	-0.017	192	-0.0204	732.73	-0.029	184.3	-0.0204
732.77	-0.017	191.9	-0.0213	732.77	-0.029	184.1	-0.0213
732.80	-0.017	191.8	-0.0213	732.80	-0.028	184	-0.0213
732.83	-0.017	191.7	-0.0213	732.83	-0.028	183.9	-0.0213
732.87	-0.016	191.7	-0.0213	732.87	-0.027	183.8	-0.0213
732.90	-0.016	191.7	-0.0204	732.90	-0.026	183.8	-0.0204
732.93	-0.016	191.6	-0.0195	732.93	-0.026	183.7	-0.0186
732.97	-0.015	191.6	-0.0178	732.97	-0.025	183.7	-0.0169
733.00	-0.013	191.6	-0.0169	733.00	-0.023	183.8	-0.0151
733.03	-0.012	191.6	-0.0151	733.03	-0.022	183.8	-0.0124
733.07	-0.011	191.7	-0.0133	733.07	-0.02	183.9	-0.0089
733.10	-0.009	191.8	-0.0133	733.10	-0.016	184.2	-0.0089
733.15	-0.008	191.9	-0.0089	733.13	-0.014	184.3	-0.0036
733.18	-0.007	191.9	-0.0071	733.17	-0.014	184.3	0
733.20	-0.005	192.1	-0.0071	733.20	-0.013	184.4	0.0044
733.23	-0.003	192.2	-0.0044	733.23	-0.009	184.8	0.0107
733.27	-0.003	192.2	-0.0009	733.27	-0.006	185.1	0.016
733.30	-0.002	192.4	0.0027	733.30	-0.004	185.3	0.0231
733.33	0.001	192.6	0.0062	733.35	0	185.8	0.032
733.37	0.003	192.8	0.0098	733.38	0.002	186	0.0355
733.40	0.004	193	0.0133	733.42	0.004	186.3	0.0426
733.43	0.007	193.3	0.0133	733.43	0.009	186.8	0.0426
733.47	0.01	193.5	0.0178	733.47	0.011	187.2	0.0506
733.50	0.01	193.5	0.0213	733.50	0.011	187.2	0.0568
733.53	0.011	193.7	0.0249	733.53	0.013	187.5	0.0648
733.57	0.013	194	0.0302	733.57	0.018	188.1	0.0737
733.60	0.016	194.2	0.0337	733.60	0.021	188.5	0.0808
733.63	0.017	194.4	0.0373	733.63	0.022	188.8	0.087
733.67	0.019	194.7	0.0408	733.67	0.026	189.3	0.087
733.70	0.021	195	0.0408	733.70	0.029	189.7	0.0941
733.73	0.021	195	0.0444	733.73	0.029	189.7	0.1003
733.77	0.022	195.2	0.0462	733.77	0.03	190	0.1056
733.80	0.023	195.4	0.0488	733.80	0.032	190.5	0.111
733.83	0.025	195.7	0.0515	733.83	0.035	190.8	0.1163
733.87	0.026	195.9	0.0533	733.87	0.036	191.2	0.1198
733.90	0.027	196.1	0.055	733.90	0.037	191.5	0.1243
733.93	0.028	196.3	0.055	733.93	0.039	191.8	0.1243
733.97	0.028	196.3	0.0568	733.97	0.039	191.8	0.1269
734.00	0.028	196.4	0.0577	734.00	0.039	192.1	0.1287
734.03	0.028	196.6	0.0586	734.03	0.04	192.3	0.1296
734.07	0.029	196.7	0.0586	734.07	0.04	192.5	0.1314
734.10	0.029	196.8	0.0595	734.10	0.04	192.7	0.1314
734.13	0.029	196.9	0.0595	734.13	0.04	192.9	0.1323
734.17	0.028	197	0.0595	734.17	0.04	193	0.1323
734.20	0.028	197	0.0595	734.20	0.039	193	0.1314
734.23	0.028	197.1	0.0595	734.23	0.039	193.1	0.1314
734.27	0.027	197.2	0.0577	734.27	0.038	193.2	0.1296
734.30	0.026	197.1	0.0568	734.30	0.036	193.2	0.1278
734.33	0.025	197.2	0.0559	734.33	0.035	193.1	0.1252
734.37	0.024	197.1	0.0533	734.37	0.033	193.1	0.1225
734.40	0.022	197	0.0533	734.40	0.03	193	0.1225
734.43	0.021	197	0.0515	734.43	0.028	193	0.1181
734.47	0.021	197	0.0497	734.47	0.028	192.9	0.1145
734.50	0.02	196.9	0.0462	734.50	0.026	192.7	0.1101
734.53	0.016	196.7	0.0426	734.53	0.022	192.5	0.1056
734.57	0.015	196.6	0.0408	734.57	0.02	192.3	0.1003
734.62	0.014	196.5	0.0373	734.60	0.018	192	0.0941
734.65	0.013	196.4	0.0364	734.63	0.013	191.6	0.0941
734.67	0.01	196.2	0.0328	734.67	0.011	191.6	0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
734.70	0.009	196	0.0284	734.70	0.011	191.4	0.0817
734.73	0.006	195.8	0.0284	734.73	0.009	191	0.0728
734.77	0.004	195.6	0.024	734.77	0.004	190.5	0.0639
734.80	0.004	195.6	0.0204	734.82	0.001	190.2	0.0577
734.83	0.003	195.3	0.0169	734.85	0.001	189.9	0.0533
734.87	0	195	0.0124	734.87	-0.003	189.4	0.0462
734.90	-0.002	194.8	0.0089	734.90	-0.006	189.1	0.0391
734.93	-0.004	194.5	0.0053	734.93	-0.008	188.7	0.0311
734.97	-0.006	194.2	0.0053	734.97	-0.012	188.1	0.0311
735.00	-0.008	194	0.0009	735.00	-0.015	187.7	0.0213
735.03	-0.008	194	-0.0018	735.03	-0.015	187.7	0.0151
735.07	-0.009	193.8	-0.0053	735.07	-0.016	187.3	0.0098
735.10	-0.011	193.4	-0.008	735.10	-0.02	186.7	0.0027
735.13	-0.013	193.2	-0.0107	735.13	-0.022	186.3	-0.0018
735.17	-0.013	193	-0.0133	735.17	-0.023	186	-0.0053
735.20	-0.014	192.8	-0.0133	735.20	-0.025	185.6	-0.0053
735.23	-0.016	192.6	-0.0151	735.23	-0.026	185.3	-0.0107
735.27	-0.016	192.6	-0.0169	735.27	-0.026	185.3	-0.0133
735.30	-0.016	192.4	-0.0186	735.30	-0.027	185	-0.016
735.33	-0.017	192.2	-0.0195	735.33	-0.028	184.7	-0.0186
735.37	-0.017	192.1	-0.0204	735.37	-0.029	184.5	-0.0195
735.40	-0.017	191.9	-0.0204	735.40	-0.029	184.2	-0.0204
735.43	-0.017	191.8	-0.0213	735.43	-0.029	184	-0.0213
735.47	-0.017	191.7	-0.0213	735.47	-0.028	183.9	-0.0213
735.50	-0.017	191.7	-0.0213	735.50	-0.028	183.9	-0.0213
735.53	-0.017	191.7	-0.0204	735.53	-0.028	183.8	-0.0204
735.57	-0.016	191.6	-0.0195	735.57	-0.027	183.7	-0.0186
735.60	-0.015	191.6	-0.0186	735.60	-0.026	183.7	-0.0178
735.63	-0.015	191.6	-0.0178	735.63	-0.025	183.7	-0.016
735.67	-0.014	191.6	-0.016	735.67	-0.023	183.8	-0.0133
735.70	-0.011	191.7	-0.016	735.70	-0.02	183.9	-0.0133
735.73	-0.011	191.7	-0.0142	735.73	-0.019	183.9	-0.0107
735.77	-0.011	191.7	-0.0124	735.77	-0.019	184	-0.0071
735.80	-0.01	191.8	-0.0098	735.80	-0.017	184.2	-0.0027
735.83	-0.007	191.9	-0.0071	735.83	-0.013	184.4	0.0018
735.87	-0.006	192	-0.0044	735.87	-0.012	184.5	0.0053
735.90	-0.004	192.2	-0.0009	735.90	-0.009	184.9	0.0115
735.93	-0.001	192.4	-0.0009	735.93	-0.004	185.2	0.0115
735.97	0	192.4	0.0027	735.97	-0.002	185.2	0.0186
736.00	0	192.5	0.0053	736.00	-0.002	185.5	0.0249
736.05	0.004	192.9	0.0089	736.03	0	185.9	0.0328
736.08	0.005	192.9	0.0107	736.07	0.005	186.2	0.0408
736.12	0.005	193.1	0.0142	736.10	0.007	186.6	0.0479
736.13	0.007	193.3	0.0186	736.13	0.01	187.1	0.055
736.17	0.011	193.6	0.0231	736.17	0.014	187.5	0.055
736.20	0.012	193.8	0.0257	736.20	0.016	187.5	0.0639
736.23	0.013	194	0.0311	736.23	0.016	187.9	0.0701
736.27	0.017	194.3	0.0311	736.28	0.021	188.7	0.0781
736.30	0.017	194.3	0.0355	736.32	0.023	188.7	0.0834
736.33	0.017	194.5	0.0382	736.33	0.023	189	0.0897
736.37	0.019	194.7	0.0417	736.37	0.026	189.5	0.0968
736.40	0.022	195	0.0453	736.40	0.03	189.9	0.103
736.43	0.022	195.2	0.047	736.43	0.031	190.2	0.1083
736.47	0.023	195.5	0.0497	736.47	0.032	190.6	0.1136
736.50	0.025	195.8	0.0497	736.50	0.036	191	0.1136
736.53	0.026	196	0.0524	736.53	0.036	191	0.1189
736.57	0.026	196	0.0541	736.57	0.036	191.3	0.1207
736.60	0.027	196.1	0.0559	736.60	0.038	191.6	0.1252
736.63	0.028	196.3	0.0577	736.63	0.04	191.9	0.1278
736.67	0.028	196.5	0.0586	736.67	0.039	192.2	0.1287
736.70	0.029	196.6	0.0586	736.70	0.04	192.4	0.1296
736.73	0.029	196.8	0.0586	736.73	0.04	192.6	0.1296
736.77	0.029	196.9	0.0595	736.77	0.04	192.6	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
736.80	0.029	196.9	0.0595	736.80	0.04	192.8	0.1314
736.83	0.029	197	0.0595	736.83	0.04	192.9	0.1314
736.87	0.028	197.1	0.0595	736.87	0.04	193.1	0.1314
736.90	0.028	197.1	0.0586	736.90	0.039	193.1	0.1305
736.93	0.027	197.2	0.0568	736.93	0.038	193.2	0.1287
736.97	0.026	197.1	0.0559	736.97	0.035	193.1	0.1287
737.00	0.024	197.1	0.0559	737.00	0.034	193.1	0.126
737.03	0.024	197.1	0.0541	737.03	0.034	193.1	0.1243
737.07	0.024	197.1	0.0524	737.07	0.032	193.1	0.1207
737.10	0.022	197	0.0506	737.10	0.029	192.9	0.1163
737.13	0.02	196.9	0.0488	737.13	0.027	192.8	0.1136
737.17	0.019	196.9	0.0462	737.17	0.026	192.7	0.1083
737.20	0.017	196.7	0.0426	737.20	0.021	192.4	0.1083
737.23	0.014	196.6	0.0426	737.23	0.019	192.1	0.103
737.27	0.013	196.6	0.0391	737.27	0.019	192.1	0.0976
737.30	0.013	196.4	0.0364	737.30	0.017	191.9	0.0914
737.33	0.011	196.2	0.0328	737.33	0.012	191.5	0.0843
737.37	0.008	196	0.0293	737.37	0.01	191.2	0.0781
737.40	0.007	195.9	0.0249	737.40	0.007	190.9	0.0701
737.43	0.005	195.6	0.0213	737.43	0.002	190.4	0.0701
737.47	0.001	195.3	0.0213	737.47	0	190	0.0612
737.52	0.001	195.1	0.0142	737.50	0	190	0.055
737.55	0	194.9	0.0115	737.53	-0.002	189.6	0.0462
737.57	-0.004	194.6	0.0115	737.57	-0.007	189.1	0.0373
737.60	-0.004	194.6	0.0071	737.60	-0.009	188.7	0.032
737.63	-0.004	194.4	0.0044	737.63	-0.011	188.3	0.024
737.67	-0.006	194.1	0	737.67	-0.015	187.8	0.024
737.70	-0.009	193.8	-0.0044	737.72	-0.017	187.4	0.0115
737.73	-0.01	193.6	-0.0062	737.75	-0.017	187.1	0.0071
737.77	-0.011	193.4	-0.0089	737.77	-0.02	186.5	0.0071
737.80	-0.013	193.1	-0.0089	737.80	-0.022	186.1	0.0018
737.83	-0.014	193.1	-0.0124	737.83	-0.022	186.1	-0.0036
737.87	-0.014	192.9	-0.0142	737.87	-0.023	185.8	-0.0071
737.90	-0.015	192.7	-0.016	737.90	-0.025	185.4	-0.0124
737.93	-0.016	192.5	-0.0178	737.93	-0.027	185.1	-0.0151
737.97	-0.016	192.3	-0.0186	737.97	-0.027	184.8	-0.0169
738.00	-0.017	192.2	-0.0195	738.00	-0.028	184.5	-0.0195
738.03	-0.017	192	-0.0195	738.03	-0.029	184.3	-0.0195
738.07	-0.017	191.9	-0.0204	738.07	-0.029	184.3	-0.0204
738.10	-0.017	191.9	-0.0213	738.10	-0.029	184.1	-0.0204
738.13	-0.017	191.8	-0.0213	738.13	-0.028	184	-0.0204
738.17	-0.017	191.7	-0.0213	738.17	-0.028	183.8	-0.0213
738.20	-0.016	191.6	-0.0204	738.20	-0.028	183.7	-0.0204
738.23	-0.016	191.6	-0.0195	738.23	-0.027	183.7	-0.0186
738.27	-0.015	191.6	-0.0195	738.27	-0.025	183.7	-0.0186
738.30	-0.014	191.6	-0.0186	738.30	-0.024	183.7	-0.0178
738.33	-0.014	191.6	-0.0169	738.33	-0.024	183.7	-0.0151
738.37	-0.013	191.6	-0.016	738.37	-0.023	183.8	-0.0124
738.40	-0.012	191.6	-0.0142	738.40	-0.019	183.9	-0.0089
738.43	-0.01	191.7	-0.0115	738.43	-0.018	184	-0.0062
738.47	-0.009	191.8	-0.0089	738.47	-0.016	184.2	-0.0018
738.50	-0.007	191.9	-0.0089	738.50	-0.012	184.4	-0.0018
738.53	-0.004	192.1	-0.0062	738.53	-0.01	184.4	0.0036
738.57	-0.004	192.1	-0.0036	738.57	-0.01	184.7	0.008
738.60	-0.003	192.2	-0.0009	738.60	-0.008	185	0.0151
738.63	-0.001	192.4	0.0036	738.63	-0.003	185.3	0.0213
738.67	0.002	192.6	0.0062	738.67	-0.001	185.6	0.0293
738.70	0.002	192.7	0.0098	738.70	0.001	186	0.0364
738.73	0.005	193	0.0098	738.73	0.006	186.4	0.0364
738.77	0.008	193.2	0.0142	738.77	0.008	186.4	0.0444
738.80	0.008	193.2	0.0178	738.80	0.008	186.7	0.0515
738.83	0.009	193.4	0.0222	738.83	0.011	187.3	0.0586
738.87	0.011	193.7	0.0257	738.87	0.016	187.7	0.0675

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
738.90	0.014	194	0.0302	738.90	0.017	188	0.0737
738.95	0.015	194.2	0.0337	738.93	0.02	188.5	0.0817
738.98	0.016	194.4	0.0364	738.97	0.024	188.9	0.0817
739.02	0.019	194.6	0.0391	739.00	0.025	188.9	0.0888
739.03	0.02	194.8	0.0426	739.03	0.025	189.3	0.095
739.07	0.021	195.1	0.0453	739.07	0.028	189.8	0.1021
739.10	0.023	195.4	0.0453	739.10	0.032	190.2	0.1083
739.13	0.024	195.4	0.0488	739.13	0.032	190.5	0.1118
739.17	0.024	195.6	0.0506	739.18	0.034	190.9	0.1172
739.20	0.025	195.8	0.0524	739.22	0.036	191.2	0.1198
739.23	0.027	196	0.055	739.23	0.037	191.5	0.1225
739.27	0.027	196.2	0.0559	739.27	0.038	191.8	0.126
739.30	0.028	196.4	0.0577	739.30	0.039	192.1	0.126
739.33	0.028	196.6	0.0577	739.33	0.04	192.1	0.1278
739.37	0.029	196.6	0.0586	739.37	0.04	192.3	0.1296
739.40	0.029	196.7	0.0586	739.40	0.04	192.5	0.1314
739.43	0.029	196.8	0.0595	739.43	0.04	192.7	0.1314
739.47	0.029	196.9	0.0595	739.47	0.04	192.8	0.1314
739.50	0.029	197	0.0595	739.50	0.04	193	0.1314
739.53	0.029	197.1	0.0595	739.53	0.04	193.1	0.1314
739.57	0.027	197.1	0.0595	739.57	0.038	193.1	0.1314
739.60	0.026	197.1	0.0577	739.60	0.038	193.2	0.1296
739.63	0.026	197.1	0.0568	739.63	0.037	193.2	0.1278
739.67	0.025	197.1	0.055	739.67	0.034	193.1	0.1252
739.70	0.024	197.1	0.0541	739.70	0.033	193.1	0.1225
739.73	0.023	197.1	0.0524	739.73	0.031	193	0.1189
739.77	0.022	197	0.0497	739.77	0.028	192.8	0.1189
739.80	0.019	196.9	0.0497	739.80	0.026	192.7	0.1154
739.83	0.018	196.8	0.047	739.83	0.026	192.7	0.111
739.87	0.018	196.8	0.0453	739.87	0.024	192.6	0.1065
739.90	0.017	196.7	0.0417	739.90	0.021	192.2	0.1003
739.93	0.014	196.5	0.0382	739.93	0.017	192	0.095
739.97	0.012	196.3	0.0355	739.97	0.016	191.8	0.0888
740.00	0.011	196.2	0.032	740.00	0.011	191.3	0.0888
740.03	0.007	195.9	0.032	740.03	0.008	191	0.0808
740.07	0.005	195.7	0.0275	740.07	0.008	191	0.0746
740.10	0.005	195.7	0.0231	740.10	0.006	190.7	0.0666
740.13	0.004	195.6	0.0195	740.13	0.001	190.2	0.0577
740.17	0.001	195.2	0.0151	740.17	-0.001	189.8	0.0515
740.20	-0.001	195	0.0124	740.20	-0.003	189.4	0.0444
740.23	-0.002	194.7	0.008	740.23	-0.007	188.9	0.0444
740.27	-0.005	194.4	0.008	740.27	-0.01	188.5	0.0355
740.30	-0.006	194.2	0.0036	740.30	-0.01	188.5	0.0284
740.33	-0.006	194.2	0.0009	740.33	-0.012	188.1	0.0204
740.37	-0.007	194	-0.0027	740.37	-0.015	187.5	0.0133
740.42	-0.011	193.4	-0.0062	740.40	-0.018	187.1	0.0071
740.45	-0.011	193.4	-0.008	740.43	-0.019	186.7	0.0018
740.47	-0.011	193.2	-0.0107	740.47	-0.022	186.2	0.0018
740.50	-0.013	193	-0.0133	740.50	-0.024	185.9	-0.0036
740.53	-0.015	192.8	-0.0151	740.53	-0.024	185.9	-0.0071
740.57	-0.015	192.6	-0.0169	740.57	-0.025	185.6	-0.0115
740.60	-0.016	192.4	-0.0169	740.62	-0.027	184.9	-0.0142
740.63	-0.017	192.2	-0.0178	740.65	-0.027	184.9	-0.016
740.67	-0.017	192.2	-0.0195	740.68	-0.028	184.7	-0.0186
740.70	-0.017	192.1	-0.0204	740.70	-0.028	184.4	-0.0204
740.73	-0.017	191.9	-0.0204	740.73	-0.029	184.2	-0.0213
740.77	-0.017	191.8	-0.0213	740.77	-0.029	184	-0.0213
740.80	-0.017	191.7	-0.0213	740.80	-0.029	183.9	-0.0213
740.83	-0.017	191.6	-0.0204	740.83	-0.028	183.8	-0.0213
740.87	-0.016	191.6	-0.0204	740.87	-0.027	183.8	-0.0213
740.90	-0.016	191.6	-0.0195	740.90	-0.027	183.7	-0.0195
740.93	-0.016	191.5	-0.0195	740.93	-0.026	183.7	-0.0186
740.97	-0.015	191.5	-0.0178	740.97	-0.024	183.7	-0.0169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
741.00	-0.013	191.6	-0.016	741.00	-0.023	183.7	-0.0151
741.03	-0.012	191.6	-0.0151	741.03	-0.022	183.8	-0.0124
741.07	-0.011	191.7	-0.0124	741.07	-0.019	183.9	-0.0124
741.10	-0.009	191.7	-0.0124	741.10	-0.017	183.9	-0.0089
741.13	-0.008	191.7	-0.0107	741.13	-0.017	184.1	-0.0044
741.17	-0.008	191.8	-0.0089	741.17	-0.015	184.3	0
741.20	-0.007	192	-0.0053	741.20	-0.011	184.5	0.0053
741.23	-0.004	192.1	-0.0027	741.23	-0.009	184.7	0.0098
741.27	-0.002	192.3	0.0009	741.27	-0.007	185	0.0169
741.30	-0.001	192.5	0.0044	741.30	-0.002	185.4	0.0169
741.33	0.002	192.7	0.0044	741.33	0	185.4	0.024
741.37	0.004	192.7	0.008	741.37	0	185.7	0.0311
741.40	0.004	192.8	0.0115	741.40	0.002	186.1	0.0391
741.43	0.005	193.1	0.0151	741.43	0.008	186.5	0.0479
741.47	0.009	193.3	0.0204	741.47	0.01	186.9	0.0541
741.50	0.01	193.5	0.0231	741.50	0.012	187.4	0.0621
741.53	0.012	193.8	0.0275	741.53	0.017	187.9	0.0621
741.57	0.015	194	0.0275	741.57	0.019	187.9	0.071
741.60	0.016	194	0.032	741.60	0.019	188.2	0.0772
741.63	0.016	194.3	0.0355	741.63	0.021	188.7	0.0843
741.67	0.017	194.5	0.0391	741.67	0.026	189.1	0.0923
741.70	0.021	194.8	0.0435	741.70	0.026	189.4	0.0976
741.73	0.021	195	0.0453	741.73	0.029	189.9	0.1047
741.77	0.022	195.3	0.0479	741.77	0.033	190.3	0.1047
741.80	0.025	195.5	0.0479	741.80	0.033	190.3	0.111
741.83	0.025	195.5	0.0506	741.83	0.033	190.6	0.1145
741.88	0.026	195.9	0.0541	741.87	0.035	191	0.1181
741.92	0.027	196.1	0.0541	741.90	0.037	191.4	0.1225
741.93	0.027	196.1	0.055	741.93	0.038	191.6	0.126
741.97	0.027	196.3	0.0568	741.97	0.039	191.9	0.1278
742.00	0.028	196.5	0.0586	742.00	0.04	192.2	0.1278
742.03	0.029	196.6	0.0586	742.03	0.04	192.2	0.1296
742.07	0.029	196.7	0.0595	742.08	0.04	192.6	0.1314
742.10	0.029	196.9	0.0595	742.12	0.04	192.7	0.1314
742.13	0.029	197	0.0595	742.13	0.04	192.9	0.1314
742.17	0.028	197	0.0595	742.17	0.04	192.9	0.1314
742.20	0.028	197	0.0595	742.20	0.04	193	0.1314
742.23	0.028	197.1	0.0595	742.23	0.039	193.1	0.1305
742.27	0.027	197.1	0.0577	742.27	0.037	193.1	0.1296
742.30	0.026	197.1	0.0568	742.30	0.036	193.2	0.1269
742.33	0.025	197.1	0.055	742.33	0.034	193.1	0.1243
742.37	0.023	197.1	0.055	742.37	0.032	193	0.1243
742.40	0.022	197.1	0.0533	742.40	0.032	193	0.1216
742.43	0.022	197.1	0.0515	742.43	0.03	193	0.1181
742.47	0.021	197	0.0488	742.47	0.028	192.8	0.1136
742.50	0.018	196.8	0.0462	742.50	0.024	192.6	0.1083
742.53	0.017	196.8	0.0435	742.53	0.023	192.4	0.103
742.57	0.016	196.6	0.0399	742.57	0.02	192.1	0.0985
742.60	0.012	196.4	0.0399	742.60	0.016	191.8	0.0985
742.63	0.011	196.3	0.0364	742.63	0.014	191.8	0.0923
742.67	0.011	196.3	0.0337	742.67	0.014	191.6	0.0861
742.70	0.01	196.1	0.0311	742.70	0.011	191.2	0.079
742.73	0.007	195.8	0.0257	742.73	0.006	190.8	0.0701
742.77	0.005	195.6	0.0222	742.77	0.005	190.5	0.0648
742.80	0.004	195.4	0.0186	742.80	0.002	190	0.0559
742.83	0	195.1	0.0186	742.83	-0.003	189.6	0.0559
742.87	-0.001	194.9	0.0142	742.87	-0.005	189.6	0.0479
742.90	-0.001	194.9	0.0107	742.90	-0.005	189.2	0.0417
742.93	-0.003	194.6	0.0062	742.93	-0.007	188.7	0.0337
742.97	-0.006	194.3	0.0027	742.97	-0.012	188.3	0.024
743.00	-0.007	194.1	-0.0009	743.00	-0.013	187.9	0.0186
743.03	-0.008	193.8	-0.0044	743.03	-0.015	187.4	0.0124
743.07	-0.011	193.5	-0.0044	743.07	-0.019	187	0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
743.10	-0.012	193.3	-0.008	743.10	-0.02	187	0.0053
743.13	-0.012	193.3	-0.0098	743.13	-0.02	186.6	0.0009
743.17	-0.013	193.1	-0.0115	743.17	-0.022	186.1	-0.0044
743.20	-0.014	192.8	-0.0142	743.20	-0.025	185.7	-0.0089
743.23	-0.015	192.6	-0.016	743.23	-0.025	185.4	-0.0115
743.27	-0.016	192.5	-0.0178	743.27	-0.026	185	-0.0151
743.32	-0.016	192.3	-0.0186	743.30	-0.028	184.8	-0.0151
743.35	-0.017	192.1	-0.0195	743.33	-0.028	184.8	-0.0178
743.38	-0.017	192	-0.0195	743.37	-0.028	184.5	-0.0195
743.40	-0.017	191.9	-0.0204	743.40	-0.029	184.3	-0.0204
743.43	-0.017	191.7	-0.0204	743.43	-0.028	184.1	-0.0204
743.47	-0.017	191.7	-0.0204	743.47	-0.029	183.9	-0.0213
743.50	-0.017	191.6	-0.0213	743.52	-0.028	183.8	-0.0213
743.53	-0.017	191.6	-0.0204	743.55	-0.028	183.7	-0.0213
743.57	-0.016	191.5	-0.0195	743.58	-0.027	183.7	-0.0195
743.60	-0.015	191.5	-0.0186	743.60	-0.026	183.7	-0.0178
743.63	-0.015	191.5	-0.0178	743.63	-0.023	183.7	-0.0178
743.67	-0.013	191.6	-0.0178	743.67	-0.022	183.7	-0.016
743.70	-0.012	191.6	-0.016	743.70	-0.022	183.7	-0.0133
743.73	-0.012	191.6	-0.0142	743.73	-0.021	183.9	-0.0098
743.77	-0.011	191.7	-0.0115	743.77	-0.017	184	-0.0062
743.80	-0.008	191.8	-0.0098	743.80	-0.016	184.1	-0.0027
743.83	-0.007	191.8	-0.0071	743.83	-0.014	184.4	0.0027
743.87	-0.006	192	-0.0036	743.87	-0.009	184.6	0.0027
743.90	-0.002	192.2	-0.0036	743.90	-0.008	184.6	0.008
743.93	-0.002	192.2	-0.0009	743.93	-0.008	184.8	0.0133
743.97	-0.002	192.3	0.0018	743.97	-0.005	185.2	0.0204
744.00	0	192.5	0.0062	744.00	0	185.6	0.0293
744.03	0.003	192.7	0.0098	744.03	0.001	185.8	0.0355
744.07	0.005	192.9	0.0124	744.07	0.004	186.3	0.0426
744.10	0.006	193.1	0.0169	744.10	0.01	186.7	0.0426
744.13	0.009	193.4	0.0169	744.13	0.011	186.7	0.0515
744.17	0.011	193.6	0.0213	744.17	0.011	187.1	0.0577
744.20	0.011	193.6	0.0249	744.20	0.013	187.6	0.0657
744.23	0.013	193.8	0.0293	744.23	0.019	188	0.0746
744.27	0.015	194.1	0.0337	744.27	0.02	188.4	0.0808
744.30	0.017	194.3	0.0373	744.30	0.022	188.8	0.087
744.33	0.018	194.6	0.0399	744.33	0.027	189.3	0.087
744.37	0.02	194.9	0.0399	744.37	0.028	189.3	0.095
744.40	0.022	195.1	0.0435	744.40	0.028	189.6	0.1003
744.43	0.022	195.1	0.0462	744.43	0.03	190.1	0.1065
744.47	0.023	195.3	0.0488	744.47	0.033	190.5	0.1127
744.50	0.025	195.6	0.0515	744.50	0.034	190.8	0.1163
744.53	0.026	195.8	0.0533	744.53	0.035	191.2	0.1207
744.57	0.026	196	0.055	744.57	0.038	191.5	0.1207
744.60	0.027	196.2	0.055	744.60	0.038	191.5	0.1243
744.63	0.028	196.4	0.0577	744.63	0.038	191.7	0.126
744.67	0.028	196.4	0.0586	744.67	0.039	192	0.1287
744.70	0.028	196.5	0.0586	744.70	0.04	192.3	0.1305
744.73	0.029	196.7	0.0595	744.73	0.04	192.5	0.1314
744.78	0.029	196.8	0.0595	744.77	0.04	192.6	0.1314
744.82	0.029	196.9	0.0595	744.80	0.04	192.8	0.1314
744.83	0.029	197	0.0595	744.83	0.04	192.8	0.1314
744.87	0.028	197.1	0.0595	744.87	0.04	192.9	0.1314
744.90	0.028	197.1	0.0586	744.90	0.04	193.1	0.1314
744.93	0.027	197.1	0.0577	744.93	0.038	193.1	0.1296
744.97	0.025	197.1	0.0577	744.98	0.036	193.1	0.1278
745.00	0.025	197.1	0.0559	745.02	0.036	193.2	0.126
745.03	0.025	197.1	0.055	745.03	0.033	193	0.1225
745.07	0.024	197.1	0.0524	745.07	0.031	193	0.1198
745.10	0.021	197	0.0506	745.10	0.03	192.9	0.1163
745.13	0.02	197	0.0479	745.13	0.026	192.7	0.1163
745.17	0.019	196.8	0.0453	745.17	0.024	192.5	0.111

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
745.20	0.015	196.7	0.0453	745.20	0.024	192.5	0.1083
745.23	0.015	196.7	0.0426	745.23	0.022	192.4	0.1021
745.27	0.015	196.6	0.0399	745.27	0.018	192	0.095
745.30	0.013	196.4	0.0364	745.30	0.015	191.7	0.0897
745.33	0.009	196.2	0.032	745.33	0.013	191.5	0.0826
745.37	0.009	196	0.0293	745.37	0.008	191	0.0826
745.40	0.007	195.7	0.0249	745.40	0.005	190.7	0.0746
745.43	0.004	195.5	0.0249	745.43	0.005	190.7	0.0683
745.47	0.002	195.5	0.0204	745.47	0.004	190.4	0.0604
745.50	0.002	195.3	0.0169	745.50	-0.001	189.8	0.0515
745.53	0	195	0.0124	745.53	-0.004	189.4	0.0444
745.57	-0.003	194.7	0.0089	745.57	-0.006	189	0.0373
745.60	-0.004	194.5	0.0062	745.60	-0.009	188.5	0.0373
745.63	-0.005	194.2	0.0018	745.63	-0.013	188.1	0.0293
745.67	-0.008	194	0.0018	745.67	-0.013	188.1	0.0213
745.70	-0.009	194	-0.0018	745.70	-0.014	187.7	0.0142
745.73	-0.009	193.7	-0.0044	745.73	-0.017	187.1	0.008
745.77	-0.01	193.5	-0.008	745.77	-0.02	186.7	0.0018
745.80	-0.013	193.2	-0.0107	745.80	-0.021	186.3	-0.0027
745.83	-0.013	193	-0.0124	745.83	-0.023	185.9	-0.0071
745.87	-0.014	192.8	-0.0151	745.87	-0.025	185.5	-0.0071
745.90	-0.016	192.5	-0.0151	745.90	-0.025	185.5	-0.0107
745.93	-0.016	192.5	-0.0169	745.93	-0.026	185.3	-0.0133
745.97	-0.016	192.4	-0.0178	745.97	-0.027	184.9	-0.016
746.00	-0.017	192.2	-0.0195	746.00	-0.028	184.6	-0.0186
746.03	-0.017	192.1	-0.0204	746.03	-0.028	184.4	-0.0195
746.07	-0.017	191.9	-0.0204	746.07	-0.029	184.2	-0.0204
746.10	-0.017	191.8	-0.0204	746.10	-0.029	184	-0.0204
746.13	-0.017	191.7	-0.0204	746.13	-0.028	184	-0.0213
746.17	-0.017	191.7	-0.0204	746.17	-0.028	183.9	-0.0213
746.22	-0.016	191.6	-0.0204	746.20	-0.028	183.8	-0.0213
746.25	-0.016	191.5	-0.0204	746.23	-0.027	183.7	-0.0195
746.28	-0.015	191.5	-0.0195	746.27	-0.026	183.7	-0.0186
746.30	-0.015	191.5	-0.0186	746.30	-0.025	183.7	-0.016
746.33	-0.014	191.5	-0.0169	746.33	-0.022	183.8	-0.016
746.37	-0.012	191.6	-0.0151	746.37	-0.021	183.8	-0.0133
746.40	-0.011	191.6	-0.0133	746.40	-0.021	183.8	-0.0115
746.43	-0.01	191.7	-0.0107	746.45	-0.017	184.1	-0.0071
746.47	-0.007	191.8	-0.0107	746.48	-0.015	184.1	-0.0053
746.50	-0.006	191.9	-0.008	746.50	-0.015	184.2	0
746.53	-0.006	191.9	-0.0062	746.53	-0.013	184.5	0.0044
746.57	-0.005	192	-0.0027	746.57	-0.008	184.8	0.0107
746.60	-0.002	192.2	0.0009	746.60	-0.007	185	0.016
746.63	0	192.4	0.0036	746.63	-0.004	185.4	0.0231
746.67	0.001	192.5	0.0071	746.67	0.001	185.7	0.0231
746.70	0.004	192.8	0.0071	746.70	0.003	185.7	0.032
746.73	0.006	193	0.0115	746.73	0.003	186	0.0382
746.77	0.006	193	0.0142	746.77	0.005	186.5	0.0462
746.80	0.007	193.2	0.0186	746.80	0.011	186.9	0.0541
746.83	0.01	193.5	0.0231	746.83	0.012	187.3	0.0612
746.87	0.012	193.7	0.0275	746.87	0.014	187.8	0.0683
746.90	0.014	193.9	0.0311	746.90	0.02	188.2	0.0683
746.93	0.016	194.2	0.0346	746.93	0.021	188.2	0.0772
746.97	0.018	194.4	0.0346	746.97	0.021	188.5	0.0826
747.00	0.018	194.4	0.0382	747.00	0.023	189	0.0897
747.03	0.019	194.7	0.0417	747.03	0.028	189.4	0.0976
747.07	0.021	195	0.0453	747.07	0.029	189.8	0.103
747.10	0.023	195.2	0.0479	747.10	0.03	190.2	0.1083
747.13	0.023	195.4	0.0497	747.13	0.035	190.6	0.1083
747.17	0.024	195.7	0.0524	747.17	0.035	190.6	0.1145
747.20	0.027	195.9	0.0524	747.20	0.035	190.9	0.1181
747.23	0.027	195.9	0.0541	747.23	0.036	191.3	0.1216
747.27	0.027	196.1	0.0559	747.27	0.039	191.6	0.1252

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
747.30	0.027	196.2	0.0568	747.30	0.039	191.8	0.1269
747.33	0.029	196.4	0.0586	747.33	0.039	192.1	0.1296
747.37	0.029	196.6	0.0586	747.37	0.04	192.4	0.1296
747.40	0.028	196.7	0.0595	747.40	0.04	192.4	0.1305
747.43	0.029	196.8	0.0595	747.43	0.04	192.5	0.1314
747.47	0.029	196.8	0.0595	747.47	0.04	192.7	0.1314
747.50	0.029	196.9	0.0595	747.50	0.04	192.9	0.1323
747.53	0.028	197	0.0595	747.53	0.04	193	0.1314
747.57	0.028	197.1	0.0595	747.57	0.039	193.1	0.1305
747.60	0.027	197.1	0.0586	747.60	0.037	193.1	0.1305
747.63	0.026	197.1	0.0568	747.63	0.036	193.1	0.1278
747.68	0.024	197.1	0.055	747.67	0.036	193.1	0.126
747.72	0.024	197.1	0.0541	747.70	0.034	193	0.1234
747.73	0.023	197	0.0524	747.73	0.03	192.9	0.1189
747.77	0.02	196.9	0.0524	747.77	0.03	192.9	0.1172
747.80	0.02	196.9	0.0497	747.80	0.028	192.7	0.1118
747.83	0.02	196.9	0.0479	747.83	0.023	192.4	0.1118
747.87	0.018	196.7	0.0444	747.88	0.022	192.3	0.1039
747.90	0.015	196.6	0.0408	747.92	0.021	192.1	0.0994
747.93	0.014	196.5	0.0382	747.95	0.016	191.8	0.0994
747.97	0.012	196.3	0.0346	747.97	0.014	191.8	0.0932
748.00	0.009	196.1	0.0346	748.00	0.014	191.6	0.087
748.03	0.008	196.1	0.0311	748.03	0.012	191.2	0.079
748.07	0.008	195.9	0.0284	748.07	0.006	190.8	0.0701
748.10	0.006	195.7	0.0231	748.10	0.004	190.5	0.0648
748.13	0.002	195.4	0.0195	748.13	0.002	190.1	0.0568
748.17	0.002	195.2	0.016	748.17	-0.003	189.6	0.0568
748.20	0	194.9	0.0115	748.20	-0.005	189.2	0.047
748.23	-0.003	194.6	0.0115	748.23	-0.005	189.2	0.0417
748.27	-0.005	194.6	0.008	748.27	-0.007	188.8	0.0337
748.30	-0.005	194.4	0.0044	748.30	-0.011	188.2	0.0249
748.33	-0.006	194.2	0	748.33	-0.014	187.8	0.0186
748.37	-0.009	193.9	-0.0036	748.37	-0.015	187.4	0.0124
748.40	-0.01	193.6	-0.0053	748.40	-0.019	186.8	0.0124
748.43	-0.011	193.4	-0.0089	748.43	-0.021	186.4	0.0053
748.47	-0.013	193.1	-0.0089	748.47	-0.021	186.4	0
748.50	-0.014	193.1	-0.0115	748.50	-0.022	186.1	-0.0044
748.53	-0.014	192.9	-0.0133	748.53	-0.024	185.7	-0.0089
748.57	-0.014	192.7	-0.0151	748.57	-0.026	185.4	-0.0124
748.60	-0.016	192.5	-0.0169	748.60	-0.027	185	-0.0151
748.63	-0.017	192.3	-0.0186	748.63	-0.027	184.7	-0.0151
748.67	-0.017	192.1	-0.0195	748.67	-0.029	184.5	-0.0178
748.70	-0.017	192	-0.0195	748.70	-0.029	184.5	-0.0195
748.73	-0.017	191.9	-0.0195	748.73	-0.028	184.3	-0.0204
748.77	-0.017	191.9	-0.0204	748.77	-0.029	184.1	-0.0213
748.80	-0.017	191.7	-0.0204	748.80	-0.029	183.9	-0.0213
748.83	-0.017	191.7	-0.0204	748.83	-0.029	183.8	-0.0213
748.87	-0.017	191.6	-0.0204	748.87	-0.028	183.7	-0.0204
748.90	-0.016	191.5	-0.0186	748.90	-0.026	183.7	-0.0204
748.93	-0.015	191.5	-0.0186	748.93	-0.025	183.7	-0.0186
748.97	-0.014	191.5	-0.0178	748.97	-0.025	183.7	-0.0178
749.00	-0.014	191.5	-0.0169	749.00	-0.024	183.7	-0.0151
749.03	-0.013	191.6	-0.0151	749.03	-0.021	183.8	-0.0124
749.07	-0.011	191.7	-0.0133	749.07	-0.02	183.9	-0.0089
749.12	-0.01	191.7	-0.0115	749.10	-0.018	184.1	-0.0053
749.15	-0.01	191.7	-0.0107	749.13	-0.014	184.2	-0.0053
749.18	-0.007	191.8	-0.0071	749.17	-0.012	184.2	-0.0009
749.20	-0.005	192	-0.0044	749.20	-0.012	184.4	0.0036
749.23	-0.004	192.1	-0.0018	749.23	-0.01	184.7	0.0089
749.27	-0.002	192.3	0.0018	749.27	-0.006	185	0.016
749.30	0.001	192.5	0.0018	749.30	-0.004	185.2	0.0222
749.33	0.001	192.5	0.0053	749.35	-0.001	185.7	0.0302
749.37	0.002	192.6	0.0089	749.38	0.002	185.9	0.0346

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
749.40	0.004	192.9	0.0133	749.40	0.004	186.2	0.0417
749.43	0.007	193.1	0.0169	749.43	0.007	186.7	0.0497
749.47	0.008	193.3	0.0204	749.47	0.012	187.1	0.0497
749.50	0.011	193.6	0.024	749.50	0.013	187.1	0.0577
749.53	0.013	193.8	0.024	749.53	0.013	187.4	0.0639
749.57	0.013	193.8	0.0284	749.57	0.016	187.9	0.0728
749.60	0.014	194	0.032	749.60	0.021	188.4	0.0808
749.63	0.016	194.3	0.0364	749.63	0.022	188.7	0.0861
749.67	0.019	194.6	0.0399	749.67	0.025	189.2	0.0932
749.70	0.02	194.8	0.0435	749.70	0.029	189.6	0.0932
749.73	0.022	195.1	0.047	749.73	0.03	189.6	0.1012
749.77	0.024	195.3	0.047	749.77	0.03	189.9	0.1056
749.80	0.024	195.3	0.0497	749.80	0.032	190.4	0.111
749.83	0.024	195.6	0.0506	749.83	0.035	190.8	0.1163
749.87	0.025	195.8	0.0524	749.87	0.036	191.1	0.1198
749.90	0.027	196	0.055	749.90	0.037	191.4	0.1234
749.93	0.027	196.1	0.0559	749.93	0.039	191.7	0.1234
749.97	0.028	196.3	0.0577	749.97	0.039	191.7	0.1269
750.00	0.028	196.5	0.0577	750.00	0.039	192	0.1287
750.03	0.029	196.5	0.0586	750.03	0.04	192.2	0.1296
750.07	0.029	196.6	0.0586	750.07	0.04	192.4	0.1314
750.10	0.029	196.7	0.0595	750.10	0.04	192.6	0.1314
750.13	0.028	196.9	0.0595	750.13	0.04	192.8	0.1314
750.17	0.028	197	0.0595	750.17	0.04	192.9	0.1314
750.20	0.028	197	0.0595	750.20	0.04	192.9	0.1323
750.23	0.028	197.1	0.0595	750.23	0.04	193	0.1314
750.27	0.027	197.1	0.0586	750.27	0.038	193.1	0.1296
750.30	0.027	197.1	0.0568	750.30	0.036	193	0.1269
750.33	0.026	197.1	0.0559	750.33	0.035	193.1	0.126
750.37	0.024	197.1	0.0541	750.37	0.033	193	0.1225
750.40	0.023	197	0.0515	750.40	0.03	192.9	0.1225
750.43	0.022	196.9	0.0497	750.43	0.028	192.9	0.1181
750.47	0.019	196.8	0.0497	750.47	0.028	192.8	0.1154
750.50	0.018	196.8	0.047	750.50	0.027	192.6	0.1101
750.53	0.018	196.7	0.0444	750.53	0.022	192.3	0.1047
750.58	0.014	196.5	0.0408	750.57	0.02	192.2	0.1012
750.62	0.013	196.5	0.0391	750.60	0.019	191.9	0.0941
750.63	0.013	196.4	0.0364	750.63	0.013	191.5	0.0941
750.67	0.011	196.2	0.0328	750.67	0.011	191.3	0.087
750.70	0.008	196	0.0293	750.70	0.011	191.3	0.0808
750.73	0.007	195.8	0.0257	750.73	0.009	191	0.0737
750.77	0.005	195.5	0.0213	750.78	0.002	190.2	0.0648
750.80	0.002	195.2	0.0213	750.82	0.002	190.2	0.0595
750.83	0	195.2	0.0169	750.85	0.001	189.9	0.0533
750.87	0	195	0.0133	750.87	-0.004	189.3	0.0453
750.90	-0.001	194.7	0.0098	750.90	-0.006	188.9	0.0382
750.93	-0.004	194.4	0.0062	750.93	-0.008	188.6	0.0302
750.97	-0.005	194.2	0.0027	750.97	-0.012	188	0.0302
751.00	-0.007	194	-0.0018	751.00	-0.015	187.6	0.0213
751.03	-0.01	193.7	-0.0018	751.03	-0.015	187.6	0.0151
751.07	-0.01	193.7	-0.0053	751.07	-0.016	187.3	0.0098
751.10	-0.01	193.5	-0.0071	751.10	-0.019	186.7	0.0036
751.13	-0.011	193.2	-0.0098	751.13	-0.022	186.3	-0.0018
751.17	-0.014	193	-0.0133	751.17	-0.023	185.9	-0.0062
751.20	-0.014	192.8	-0.0142	751.20	-0.025	185.5	-0.0062
751.23	-0.015	192.6	-0.016	751.23	-0.026	185.2	-0.0107
751.27	-0.016	192.4	-0.016	751.27	-0.026	185.2	-0.0142
751.30	-0.017	192.4	-0.0178	751.30	-0.027	184.9	-0.0169
751.33	-0.017	192.2	-0.0195	751.33	-0.028	184.6	-0.0186
751.37	-0.017	192.1	-0.0195	751.37	-0.029	184.4	-0.0204
751.40	-0.017	191.9	-0.0204	751.40	-0.029	184.2	-0.0204
751.43	-0.017	191.8	-0.0204	751.43	-0.029	184	-0.0204
751.47	-0.017	191.7	-0.0213	751.47	-0.028	183.8	-0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
751.50	-0.017	191.6	-0.0213	751.50	-0.028	183.8	-0.0213
751.53	-0.016	191.6	-0.0204	751.53	-0.028	183.7	-0.0213
751.57	-0.016	191.6	-0.0204	751.57	-0.027	183.7	-0.0195
751.60	-0.016	191.5	-0.0186	751.60	-0.026	183.7	-0.0186
751.63	-0.015	191.5	-0.0178	751.63	-0.025	183.7	-0.016
751.67	-0.014	191.5	-0.0169	751.67	-0.023	183.8	-0.0133
751.70	-0.012	191.6	-0.0142	751.70	-0.02	183.8	-0.0133
751.73	-0.01	191.7	-0.0142	751.73	-0.02	183.8	-0.0107
751.77	-0.009	191.7	-0.0124	751.77	-0.019	183.9	-0.0071
751.80	-0.009	191.7	-0.0107	751.80	-0.017	184.1	-0.0036
751.83	-0.008	191.8	-0.008	751.83	-0.013	184.3	0.0009
751.87	-0.006	192	-0.0044	751.87	-0.012	184.5	0.0062
751.90	-0.004	192.1	-0.0027	751.90	-0.009	184.8	0.0115
751.93	-0.002	192.2	0.0009	751.93	-0.004	185.1	0.0115
751.97	0	192.5	0.0009	751.97	-0.003	185.1	0.0186
752.00	0.002	192.6	0.0044	752.00	-0.003	185.4	0.0249
752.05	0.004	192.8	0.0107	752.05	0	185.8	0.0337
752.08	0.005	193	0.0107	752.08	0.005	186.2	0.0408
752.10	0.007	193.2	0.0133	752.10	0.006	186.5	0.0479
752.13	0.007	193.2	0.0178	752.13	0.01	187	0.0559
752.17	0.009	193.4	0.0222	752.17	0.015	187.4	0.0559
752.20	0.012	193.7	0.0275	752.20	0.016	187.4	0.0639
752.23	0.014	193.9	0.0311	752.25	0.018	188.1	0.0746
752.27	0.015	194.1	0.0346	752.28	0.021	188.5	0.0746
752.30	0.017	194.4	0.0382	752.30	0.023	188.5	0.0808
752.33	0.02	194.6	0.0382	752.33	0.023	188.9	0.0888
752.37	0.02	194.6	0.0408	752.37	0.025	189.4	0.0959
752.40	0.021	194.9	0.0444	752.40	0.03	189.8	0.103
752.43	0.022	195.2	0.0462	752.43	0.031	190.1	0.1074
752.47	0.024	195.4	0.0497	752.47	0.032	190.5	0.1127
752.50	0.025	195.6	0.0524	752.50	0.036	190.9	0.1127
752.53	0.026	195.9	0.0541	752.53	0.036	190.9	0.1181
752.57	0.027	196.1	0.0541	752.57	0.036	191.2	0.1207
752.60	0.027	196.1	0.0559	752.60	0.037	191.5	0.1243
752.63	0.027	196.2	0.0568	752.63	0.04	191.9	0.1278
752.67	0.028	196.4	0.0577	752.67	0.04	192.1	0.1287
752.70	0.028	196.5	0.0586	752.70	0.04	192.3	0.1305
752.73	0.029	196.7	0.0595	752.73	0.04	192.5	0.1305
752.77	0.029	196.8	0.0595	752.77	0.04	192.5	0.1314
752.80	0.029	196.9	0.0595	752.80	0.04	192.7	0.1314
752.83	0.029	196.9	0.0595	752.83	0.04	192.8	0.1323
752.87	0.029	197	0.0595	752.87	0.04	193	0.1323
752.90	0.028	197	0.0595	752.90	0.039	193	0.1314
752.93	0.027	197.1	0.0577	752.93	0.038	193.1	0.1287
752.97	0.026	197.1	0.0568	752.97	0.035	193	0.1287
753.00	0.025	197.1	0.055	753.00	0.034	193	0.126
753.03	0.023	197	0.055	753.03	0.034	193	0.1243
753.07	0.022	197	0.0533	753.07	0.033	193	0.1207
753.10	0.022	197	0.0515	753.10	0.029	192.8	0.1172
753.13	0.021	196.9	0.0488	753.13	0.027	192.7	0.1136
753.17	0.018	196.8	0.0462	753.17	0.025	192.6	0.1083
753.20	0.017	196.7	0.0435	753.20	0.022	192.3	0.1083
753.23	0.016	196.5	0.0399	753.23	0.019	192.1	0.103
753.27	0.012	196.3	0.0399	753.27	0.019	192.1	0.0976
753.30	0.011	196.3	0.0364	753.30	0.017	191.8	0.0914
753.33	0.011	196.2	0.0337	753.33	0.012	191.4	0.0834
753.37	0.009	196	0.0302	753.37	0.009	191.1	0.0772
753.40	0.006	195.8	0.0249	753.40	0.007	190.8	0.0692
753.43	0.005	195.6	0.0222	753.43	0.003	190.3	0.0692
753.48	0.004	195.3	0.0186	753.47	0	189.9	0.0612
753.52	0.001	195.1	0.016	753.50	0	189.9	0.0541
753.55	0	194.9	0.0124	753.53	-0.002	189.5	0.047
753.57	-0.002	194.6	0.008	753.57	-0.006	189	0.0382

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
753.60	-0.006	194.3	0.008	753.60	-0.009	188.6	0.0311
753.63	-0.006	194.3	0.0036	753.63	-0.011	188.2	0.024
753.67	-0.006	194.1	0.0009	753.68	-0.014	187.7	0.016
753.70	-0.007	193.8	-0.0027	753.72	-0.016	187.4	0.0124
753.73	-0.01	193.6	-0.0062	753.75	-0.017	187	0.0062
753.77	-0.011	193.4	-0.0089	753.77	-0.02	186.4	0.0009
753.80	-0.012	193.1	-0.0107	753.80	-0.023	186	0.0009
753.83	-0.014	192.9	-0.0107	753.83	-0.023	186	-0.0044
753.87	-0.015	192.9	-0.0133	753.87	-0.024	185.7	-0.008
753.90	-0.015	192.7	-0.0151	753.90	-0.025	185.3	-0.0115
753.93	-0.015	192.5	-0.0169	753.93	-0.027	185	-0.0151
753.97	-0.016	192.3	-0.0186	753.97	-0.027	184.7	-0.0169
754.00	-0.017	192.1	-0.0186	754.00	-0.028	184.5	-0.0186
754.03	-0.017	192	-0.0195	754.03	-0.029	184.2	-0.0186
754.07	-0.017	191.8	-0.0195	754.07	-0.029	184.2	-0.0204
754.10	-0.017	191.7	-0.0204	754.10	-0.029	184	-0.0213
754.13	-0.017	191.7	-0.0204	754.13	-0.029	183.9	-0.0213
754.17	-0.017	191.6	-0.0204	754.17	-0.028	183.7	-0.0213
754.20	-0.017	191.6	-0.0204	754.20	-0.028	183.7	-0.0204
754.23	-0.016	191.5	-0.0195	754.23	-0.027	183.6	-0.0195
754.27	-0.015	191.5	-0.0178	754.27	-0.025	183.6	-0.0195
754.30	-0.014	191.5	-0.0178	754.30	-0.024	183.6	-0.0178
754.33	-0.013	191.5	-0.0169	754.33	-0.024	183.6	-0.016
754.37	-0.013	191.5	-0.0151	754.37	-0.023	183.7	-0.0133
754.40	-0.012	191.5	-0.0133	754.40	-0.019	183.8	-0.0098
754.43	-0.01	191.7	-0.0115	754.43	-0.018	183.9	-0.0062
754.47	-0.008	191.7	-0.0089	754.47	-0.016	184.1	-0.0018
754.50	-0.007	191.8	-0.0071	754.50	-0.011	184.4	-0.0018
754.53	-0.006	192	-0.0036	754.53	-0.01	184.4	0.0036
754.57	-0.002	192.2	-0.0036	754.57	-0.01	184.5	0.008
754.60	-0.002	192.2	0	754.60	-0.008	184.9	0.0142
754.63	-0.002	192.3	0.0027	754.63	-0.003	185.2	0.0222
754.67	0	192.5	0.0062	754.67	-0.001	185.5	0.0284
754.70	0.004	192.7	0.0098	754.70	0.001	185.9	0.0364
754.73	0.005	192.9	0.0133	754.73	0.007	186.3	0.0364
754.77	0.006	193.2	0.0178	754.77	0.008	186.3	0.0453
754.80	0.01	193.4	0.0178	754.80	0.008	186.6	0.0515
754.83	0.011	193.4	0.0222	754.83	0.011	187.1	0.0586
754.87	0.011	193.6	0.0249	754.87	0.016	187.6	0.0675
754.90	0.012	193.9	0.0302	754.90	0.017	187.9	0.0737
754.95	0.016	194.1	0.0346	754.93	0.02	188.4	0.0808
754.98	0.016	194.3	0.0364	754.97	0.025	188.8	0.0808
755.00	0.017	194.5	0.0391	755.00	0.025	188.8	0.0897
755.03	0.02	194.8	0.0426	755.03	0.025	189.2	0.095
755.07	0.021	195	0.0453	755.07	0.028	189.7	0.1021
755.10	0.022	195.2	0.0488	755.10	0.032	190.1	0.1083
755.13	0.025	195.5	0.0488	755.15	0.033	190.4	0.1127
755.17	0.025	195.5	0.0515	755.18	0.033	190.7	0.1154
755.20	0.025	195.7	0.0524	755.20	0.036	191.1	0.1198
755.23	0.026	195.9	0.055	755.23	0.037	191.4	0.1225
755.27	0.028	196.1	0.0568	755.27	0.038	191.6	0.126
755.30	0.028	196.3	0.0577	755.30	0.04	191.9	0.126
755.33	0.028	196.4	0.0586	755.33	0.04	191.9	0.1278
755.37	0.029	196.6	0.0586	755.37	0.04	192.2	0.1296
755.40	0.029	196.6	0.0595	755.40	0.04	192.4	0.1305
755.43	0.029	196.7	0.0595	755.43	0.04	192.6	0.1314
755.47	0.029	196.8	0.0595	755.47	0.04	192.7	0.1314
755.50	0.029	196.9	0.0595	755.50	0.04	192.9	0.1314
755.53	0.028	197	0.0595	755.53	0.04	193	0.1314
755.57	0.027	197.1	0.0586	755.57	0.039	193.1	0.1314
755.60	0.027	197.1	0.0586	755.60	0.039	193.1	0.1305
755.63	0.025	197.1	0.0577	755.63	0.037	193.1	0.1269
755.67	0.025	197.1	0.0568	755.67	0.035	193	0.1243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
755.70	0.025	197.1	0.0541	755.70	0.033	193	0.1225
755.73	0.023	197	0.0524	755.73	0.031	192.9	0.1189
755.77	0.021	197	0.0506	755.77	0.029	192.7	0.1189
755.80	0.02	196.9	0.0479	755.80	0.025	192.6	0.1154
755.83	0.017	196.7	0.0479	755.83	0.025	192.6	0.111
755.87	0.016	196.6	0.0444	755.87	0.024	192.5	0.1065
755.90	0.016	196.6	0.0435	755.90	0.021	192.2	0.1012
755.93	0.015	196.5	0.0399	755.93	0.017	191.9	0.095
755.97	0.012	196.3	0.0355	755.97	0.016	191.7	0.0888
756.00	0.01	196.1	0.0328	756.00	0.011	191.2	0.0888
756.03	0.009	196	0.0284	756.03	0.008	190.9	0.0808
756.07	0.006	195.7	0.0284	756.07	0.008	190.9	0.0737
756.10	0.003	195.5	0.0231	756.10	0.006	190.6	0.0666
756.13	0.003	195.5	0.0204	756.13	0.002	190.1	0.0577
756.17	0.002	195.2	0.0169	756.17	-0.002	189.7	0.0506
756.20	0	194.9	0.0133	756.20	-0.003	189.3	0.0435
756.23	-0.003	194.7	0.0089	756.23	-0.007	188.8	0.0355
756.27	-0.004	194.5	0.0053	756.27	-0.011	188.4	0.0355
756.30	-0.006	194.1	0.0018	756.30	-0.011	188.4	0.0284
756.33	-0.008	193.9	0.0018	756.33	-0.012	188	0.0213
756.38	-0.009	193.7	-0.0036	756.37	-0.015	187.5	0.0133
756.42	-0.01	193.5	-0.0053	756.40	-0.018	187	0.0071
756.45	-0.012	193.2	-0.0053	756.43	-0.019	186.6	0.0018
756.47	-0.013	193.2	-0.0089	756.47	-0.022	186.1	-0.0036
756.50	-0.013	193	-0.0115	756.50	-0.024	185.7	-0.0036
756.53	-0.014	192.8	-0.0133	756.53	-0.024	185.7	-0.008
756.57	-0.015	192.6	-0.016	756.57	-0.025	185.4	-0.0115
756.60	-0.016	192.4	-0.0169	756.62	-0.027	184.8	-0.0142
756.63	-0.016	192.2	-0.0178	756.65	-0.028	184.8	-0.016
756.67	-0.017	192	-0.0178	756.67	-0.028	184.6	-0.0178
756.70	-0.017	192	-0.0195	756.70	-0.028	184.3	-0.0195
756.73	-0.017	191.9	-0.0195	756.73	-0.029	184.1	-0.0213
756.77	-0.017	191.8	-0.0204	756.77	-0.029	183.9	-0.0213
756.80	-0.017	191.7	-0.0204	756.80	-0.029	183.8	-0.0213
756.83	-0.017	191.6	-0.0204	756.83	-0.028	183.7	-0.0213
756.87	-0.016	191.5	-0.0195	756.87	-0.027	183.7	-0.0213
756.90	-0.016	191.5	-0.0195	756.90	-0.027	183.6	-0.0204
756.93	-0.015	191.5	-0.0186	756.93	-0.026	183.6	-0.0186
756.97	-0.015	191.5	-0.0178	756.97	-0.024	183.6	-0.0169
757.00	-0.014	191.5	-0.016	757.00	-0.023	183.6	-0.0142
757.03	-0.012	191.5	-0.0151	757.03	-0.022	183.7	-0.0115
757.07	-0.011	191.6	-0.0124	757.07	-0.018	183.9	-0.0115
757.10	-0.01	191.7	-0.0107	757.10	-0.017	183.9	-0.008
757.13	-0.008	191.8	-0.0107	757.13	-0.017	184	-0.0044
757.17	-0.006	191.8	-0.008	757.17	-0.015	184.2	0
757.20	-0.006	191.9	-0.0053	757.20	-0.011	184.5	0.0062
757.23	-0.005	192	-0.0027	757.23	-0.009	184.6	0.0107
757.27	-0.002	192.2	0.0009	757.27	-0.007	185	0.0178
757.30	-0.001	192.4	0.0044	757.30	-0.002	185.4	0.0178
757.33	0.001	192.6	0.008	757.33	0	185.4	0.0249
757.37	0.005	192.8	0.008	757.37	0	185.6	0.0328
757.40	0.006	192.8	0.0124	757.40	0.003	186.1	0.0399
757.43	0.006	193	0.0151	757.43	0.008	186.5	0.0488
757.47	0.007	193.2	0.0195	757.47	0.01	186.8	0.0541
757.50	0.011	193.5	0.024	757.50	0.012	187.3	0.0621
757.53	0.012	193.7	0.0275	757.53	0.017	187.8	0.0621
757.57	0.013	193.9	0.032	757.57	0.019	187.8	0.0701
757.60	0.017	194.2	0.032	757.60	0.019	188.1	0.0772
757.63	0.017	194.2	0.0355	757.63	0.021	188.6	0.0843
757.67	0.017	194.4	0.0382	757.67	0.026	189	0.0923
757.70	0.019	194.7	0.0417	757.70	0.027	189.3	0.0976
757.73	0.022	194.9	0.0462	757.73	0.029	189.8	0.1039
757.77	0.023	195.1	0.0488	757.77	0.033	190.2	0.1039

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
757.80	0.024	195.4	0.0506	757.80	0.033	190.2	0.111
757.85	0.025	195.7	0.0524	757.83	0.033	190.5	0.1145
757.88	0.026	195.8	0.0541	757.87	0.035	190.9	0.1189
757.90	0.026	196	0.055	757.90	0.037	191.3	0.1234
757.93	0.027	196.2	0.055	757.93	0.038	191.6	0.1252
757.97	0.028	196.2	0.0568	757.97	0.039	191.8	0.1269
758.00	0.028	196.4	0.0586	758.00	0.04	192.1	0.1269
758.03	0.028	196.5	0.0586	758.03	0.04	192.3	0.1305
758.07	0.029	196.7	0.0595	758.08	0.04	192.5	0.1314
758.10	0.029	196.8	0.0604	758.12	0.04	192.6	0.1314
758.13	0.029	196.9	0.0604	758.13	0.04	192.8	0.1314
758.17	0.029	197	0.0604	758.17	0.04	192.8	0.1314
758.20	0.028	197.1	0.0604	758.20	0.04	192.9	0.1314
758.23	0.028	197.1	0.0595	758.23	0.039	193	0.1314
758.27	0.027	197.1	0.0586	758.27	0.038	193.1	0.1296
758.30	0.026	197.1	0.0568	758.30	0.036	193.1	0.1269
758.33	0.025	197.1	0.0559	758.33	0.034	193	0.1269
758.37	0.024	197.1	0.0533	758.37	0.032	192.9	0.1243
758.40	0.022	197	0.0533	758.40	0.032	192.9	0.1216
758.43	0.021	196.9	0.0515	758.43	0.031	192.9	0.1181
758.47	0.021	196.9	0.0497	758.47	0.028	192.6	0.1127
758.50	0.02	196.8	0.0479	758.50	0.024	192.5	0.1092
758.53	0.017	196.7	0.0444	758.53	0.023	192.4	0.1039
758.57	0.015	196.6	0.0408	758.57	0.02	192	0.0985
758.60	0.014	196.5	0.0382	758.60	0.016	191.7	0.0985
758.63	0.011	196.2	0.0382	758.63	0.016	191.7	0.0923
758.67	0.009	196.1	0.0346	758.67	0.015	191.5	0.0852
758.70	0.009	196.1	0.0311	758.70	0.011	191.1	0.0781
758.73	0.008	195.9	0.0275	758.73	0.006	190.7	0.0701
758.77	0.005	195.6	0.0222	758.77	0.005	190.4	0.0639
758.80	0.003	195.4	0.0195	758.80	0.002	189.9	0.0559
758.83	0.001	195.1	0.0151	758.83	-0.003	189.5	0.0559
758.87	-0.001	194.8	0.0115	758.87	-0.005	189.5	0.0479
758.90	-0.003	194.6	0.0115	758.90	-0.005	189.1	0.0408
758.93	-0.003	194.6	0.008	758.93	-0.007	188.6	0.0337
758.97	-0.004	194.4	0.0036	758.97	-0.012	188.1	0.0249
759.00	-0.007	194	0	759.00	-0.013	187.8	0.0186
759.03	-0.009	193.8	-0.0036	759.03	-0.016	187.3	0.0115
759.07	-0.01	193.6	-0.0062	759.07	-0.019	186.8	0.0115
759.10	-0.011	193.3	-0.0089	759.10	-0.02	186.8	0.0053
759.13	-0.013	193	-0.0089	759.13	-0.02	186.4	0
759.17	-0.014	193	-0.0115	759.17	-0.022	186	-0.0044
759.20	-0.014	192.8	-0.0133	759.20	-0.025	185.6	-0.0089
759.23	-0.014	192.6	-0.0151	759.23	-0.025	185.3	-0.0124
759.27	-0.016	192.4	-0.0169	759.27	-0.026	185	-0.0151
759.32	-0.016	192.3	-0.0178	759.30	-0.028	184.7	-0.0151
759.35	-0.017	192.1	-0.0186	759.33	-0.028	184.7	-0.0178
759.37	-0.017	191.9	-0.0195	759.37	-0.028	184.5	-0.0195
759.40	-0.017	191.8	-0.0204	759.40	-0.029	184.2	-0.0204
759.43	-0.017	191.7	-0.0204	759.43	-0.029	184	-0.0204
759.47	-0.017	191.6	-0.0204	759.47	-0.029	183.9	-0.0213
759.50	-0.017	191.6	-0.0204	759.52	-0.028	183.7	-0.0213
759.53	-0.017	191.5	-0.0204	759.55	-0.028	183.6	-0.0213
759.57	-0.016	191.5	-0.0195	759.57	-0.027	183.6	-0.0195
759.60	-0.015	191.5	-0.0178	759.60	-0.026	183.6	-0.0178
759.63	-0.014	191.4	-0.0169	759.63	-0.023	183.6	-0.0178
759.67	-0.014	191.5	-0.016	759.67	-0.022	183.6	-0.016
759.70	-0.012	191.5	-0.016	759.70	-0.022	183.6	-0.0142
759.73	-0.011	191.5	-0.0142	759.73	-0.021	183.7	-0.0107
759.77	-0.011	191.6	-0.0124	759.77	-0.017	183.9	-0.0062
759.80	-0.01	191.7	-0.0098	759.80	-0.016	184	-0.0036
759.83	-0.006	191.8	-0.0062	759.83	-0.014	184.2	0.0018
759.87	-0.006	191.9	-0.0044	759.87	-0.009	184.5	0.0018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
759.90	-0.004	192.1	-0.0009	759.90	-0.008	184.5	0.008
759.93	-0.001	192.3	-0.0009	759.93	-0.008	184.7	0.0133
759.97	0	192.3	0.0027	759.97	-0.006	185	0.0195
760.00	0	192.4	0.0053	760.00	0	185.5	0.0293
760.03	0.001	192.6	0.0089	760.03	0.001	185.8	0.0346
760.07	0.005	192.9	0.0133	760.07	0.004	186.1	0.0426
760.10	0.006	193	0.016	760.10	0.009	186.6	0.0426
760.13	0.008	193.3	0.0213	760.13	0.011	187	0.0506
760.17	0.012	193.6	0.0213	760.17	0.011	187	0.0577
760.20	0.013	193.6	0.0257	760.20	0.013	187.4	0.0648
760.23	0.013	193.8	0.0293	760.23	0.018	187.9	0.0728
760.27	0.014	194	0.0328	760.27	0.02	188.3	0.079
760.30	0.017	194.3	0.0373	760.30	0.022	188.6	0.087
760.33	0.019	194.5	0.0399	760.33	0.026	189.2	0.087
760.37	0.02	194.7	0.0435	760.37	0.029	189.6	0.095
760.40	0.022	195	0.0435	760.40	0.029	189.6	0.1003
760.43	0.023	195.2	0.0462	760.43	0.03	189.9	0.1065
760.47	0.023	195.2	0.0488	760.47	0.033	190.4	0.1118
760.50	0.024	195.5	0.0515	760.50	0.034	190.7	0.1163
760.53	0.026	195.8	0.0541	760.53	0.036	191	0.1207
760.57	0.026	195.9	0.055	760.57	0.037	191.4	0.1243
760.60	0.027	196.1	0.0568	760.60	0.039	191.7	0.1243
760.63	0.028	196.3	0.0568	760.63	0.039	191.7	0.1269
760.67	0.029	196.5	0.0586	760.67	0.039	191.9	0.1278
760.70	0.029	196.5	0.0595	760.70	0.04	192.2	0.1305
760.75	0.028	196.7	0.0595	760.73	0.04	192.4	0.1314
760.78	0.028	196.8	0.0595	760.77	0.04	192.6	0.1314
760.80	0.028	196.8	0.0604	760.80	0.04	192.7	0.1323
760.83	0.029	196.9	0.0604	760.83	0.04	192.9	0.1323
760.87	0.029	197	0.0604	760.87	0.04	192.9	0.1323
760.90	0.028	197.1	0.0595	760.90	0.04	193	0.1314
760.93	0.027	197.1	0.0577	760.95	0.037	193	0.1296
760.97	0.026	197.1	0.0568	760.98	0.036	193	0.1278
761.00	0.024	197.1	0.0568	761.02	0.036	193.1	0.1269
761.03	0.024	197.1	0.055	761.03	0.034	193	0.1234
761.07	0.024	197.1	0.0533	761.07	0.031	192.9	0.1198
761.10	0.022	196.9	0.0506	761.10	0.029	192.8	0.1172
761.13	0.02	196.9	0.0488	761.13	0.027	192.7	0.1118
761.17	0.019	196.8	0.0453	761.17	0.023	192.4	0.1118
761.20	0.017	196.6	0.0426	761.20	0.022	192.4	0.1074
761.23	0.014	196.5	0.0426	761.23	0.022	192.3	0.103
761.27	0.013	196.5	0.0399	761.27	0.02	192	0.0959
761.30	0.013	196.4	0.0373	761.30	0.014	191.7	0.0897
761.33	0.011	196.2	0.0337	761.33	0.013	191.4	0.0843
761.37	0.008	195.9	0.0302	761.37	0.01	191.1	0.0754
761.40	0.007	195.8	0.0257	761.40	0.005	190.6	0.0754
761.43	0.005	195.5	0.0222	761.43	0.003	190.6	0.0666
761.47	0.002	195.2	0.0222	761.47	0.003	190.2	0.0612
761.50	0	195.2	0.0178	761.50	0.001	189.9	0.0533
761.53	0	195	0.0142	761.53	-0.004	189.3	0.0444
761.57	-0.001	194.8	0.0107	761.57	-0.006	189	0.0382
761.60	-0.004	194.5	0.0062	761.60	-0.008	188.5	0.0302
761.63	-0.005	194.3	0.0027	761.63	-0.013	188	0.0302
761.67	-0.007	193.9	-0.0009	761.67	-0.015	187.6	0.0204
761.70	-0.01	193.7	-0.0009	761.70	-0.015	187.6	0.016
761.73	-0.01	193.7	-0.0044	761.73	-0.016	187.2	0.0089
761.77	-0.01	193.5	-0.0071	761.77	-0.02	186.6	0.0027
761.80	-0.012	193.2	-0.0098	761.80	-0.022	186.3	-0.0018
761.83	-0.014	192.9	-0.0133	761.83	-0.023	185.9	-0.0062
761.87	-0.015	192.8	-0.0142	761.87	-0.025	185.5	-0.0062
761.90	-0.015	192.6	-0.016	761.90	-0.026	185.2	-0.0107
761.93	-0.016	192.4	-0.016	761.93	-0.026	185.2	-0.0142
761.97	-0.017	192.4	-0.0169	761.97	-0.027	184.9	-0.016

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
762.00	-0.017	192.2	-0.0186	762.00	-0.028	184.6	-0.0186
762.03	-0.017	192	-0.0195	762.03	-0.029	184.3	-0.0204
762.07	-0.017	191.9	-0.0204	762.07	-0.029	184.1	-0.0213
762.10	-0.017	191.8	-0.0204	762.10	-0.029	184	-0.0213
762.13	-0.017	191.7	-0.0204	762.13	-0.028	183.8	-0.0213
762.17	-0.017	191.6	-0.0204	762.17	-0.028	183.8	-0.0213
762.22	-0.016	191.5	-0.0195	762.20	-0.028	183.7	-0.0213
762.25	-0.016	191.5	-0.0195	762.23	-0.027	183.7	-0.0195
762.27	-0.015	191.5	-0.0195	762.27	-0.026	183.6	-0.0186
762.30	-0.014	191.5	-0.0178	762.30	-0.025	183.6	-0.016
762.33	-0.014	191.5	-0.0169	762.33	-0.023	183.7	-0.0142
762.37	-0.013	191.5	-0.0151	762.37	-0.02	183.8	-0.0142
762.40	-0.011	191.6	-0.0124	762.42	-0.019	183.9	-0.0089
762.43	-0.01	191.6	-0.0115	762.45	-0.018	184	-0.0062
762.47	-0.009	191.7	-0.0089	762.47	-0.014	184.2	-0.0062
762.50	-0.006	191.9	-0.0089	762.50	-0.013	184.2	-0.0018
762.53	-0.005	191.9	-0.0062	762.53	-0.013	184.3	0.0027
762.57	-0.005	192	-0.0036	762.57	-0.01	184.6	0.0089
762.60	-0.003	192.2	0	762.60	-0.006	184.9	0.0151
762.63	0	192.3	0.0036	762.63	-0.004	185.2	0.0213
762.67	0.001	192.5	0.0062	762.67	-0.001	185.6	0.0293
762.70	0.003	192.7	0.0107	762.70	0.004	186	0.0293
762.73	0.006	192.9	0.0107	762.73	0.005	186	0.0382
762.77	0.008	192.9	0.0151	762.77	0.005	186.3	0.0444
762.80	0.008	193.1	0.0186	762.80	0.008	186.7	0.0524
762.83	0.009	193.4	0.0222	762.83	0.013	187.2	0.0604
762.87	0.012	193.7	0.0275	762.87	0.015	187.6	0.0675
762.90	0.014	193.9	0.0302	762.90	0.018	188.1	0.0746
762.93	0.015	194.1	0.0346	762.93	0.022	188.5	0.0746
762.97	0.018	194.4	0.0346	762.97	0.023	188.5	0.0826
763.00	0.019	194.6	0.0391	763.00	0.023	188.8	0.0888
763.03	0.019	194.6	0.0408	763.03	0.025	189.3	0.0959
763.07	0.02	194.8	0.0444	763.07	0.03	189.7	0.103
763.10	0.022	195.1	0.047	763.10	0.031	190	0.1083
763.13	0.024	195.4	0.0497	763.13	0.033	190.5	0.1127
763.17	0.024	195.6	0.0524	763.17	0.036	190.8	0.1127
763.20	0.026	195.8	0.0524	763.20	0.036	190.8	0.1181
763.23	0.027	196	0.055	763.23	0.036	191.2	0.1207
763.27	0.027	196	0.0559	763.27	0.037	191.5	0.1243
763.30	0.027	196.2	0.0568	763.30	0.04	191.8	0.1269
763.33	0.028	196.4	0.0586	763.33	0.04	192	0.1287
763.37	0.029	196.5	0.0595	763.37	0.04	192.2	0.1296
763.40	0.029	196.6	0.0604	763.40	0.04	192.4	0.1296
763.43	0.029	196.8	0.0604	763.43	0.04	192.4	0.1305
763.47	0.029	196.9	0.0604	763.47	0.04	192.6	0.1314
763.50	0.029	196.9	0.0604	763.50	0.04	192.7	0.1314
763.53	0.029	197	0.0604	763.53	0.04	192.9	0.1314
763.57	0.028	197	0.0595	763.57	0.039	193	0.1305
763.60	0.027	197	0.0586	763.60	0.038	193	0.1278
763.65	0.026	197.1	0.0568	763.63	0.035	192.9	0.1278
763.68	0.026	197.1	0.0559	763.67	0.034	192.9	0.1252
763.72	0.024	197	0.0541	763.70	0.034	193	0.1243
763.73	0.023	197	0.0524	763.73	0.032	192.9	0.1198
763.77	0.022	196.9	0.0506	763.77	0.029	192.7	0.1163
763.80	0.019	196.8	0.0506	763.80	0.027	192.6	0.1127
763.83	0.018	196.8	0.047	763.83	0.025	192.5	0.1074
763.87	0.018	196.7	0.0453	763.88	0.023	192.3	0.1047
763.90	0.016	196.6	0.0426	763.92	0.02	192.1	0.1003
763.93	0.013	196.4	0.0391	763.93	0.019	191.9	0.0941
763.97	0.012	196.3	0.0364	763.97	0.013	191.5	0.0941
764.00	0.011	196.1	0.032	764.00	0.011	191.2	0.0861
764.03	0.007	195.8	0.032	764.03	0.011	191.2	0.0808
764.07	0.006	195.8	0.0284	764.07	0.009	190.9	0.0728

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
764.10	0.006	195.7	0.024	764.10	0.004	190.4	0.0639
764.13	0.004	195.4	0.0204	764.13	0.001	190	0.0577
764.17	0.001	195.1	0.016	764.17	-0.001	189.7	0.0506
764.20	0	194.9	0.0133	764.20	-0.005	189.2	0.0506
764.23	-0.002	194.6	0.0089	764.23	-0.008	188.7	0.0417
764.27	-0.006	194.3	0.0089	764.27	-0.008	188.7	0.0346
764.30	-0.006	194.3	0.0044	764.30	-0.01	188.4	0.0275
764.33	-0.006	194.1	0.0018	764.33	-0.014	187.8	0.0186
764.37	-0.007	193.9	-0.0018	764.37	-0.016	187.4	0.0124
764.40	-0.011	193.6	-0.0062	764.40	-0.017	187	0.0062
764.43	-0.011	193.4	-0.008	764.43	-0.021	186.4	0.0062
764.47	-0.012	193.1	-0.0107	764.47	-0.022	186.1	0.0009
764.50	-0.014	192.9	-0.0107	764.50	-0.022	186.1	-0.0036
764.53	-0.015	192.9	-0.0133	764.53	-0.023	185.7	-0.008
764.57	-0.015	192.7	-0.0151	764.57	-0.025	185.3	-0.0124
764.60	-0.015	192.5	-0.0169	764.60	-0.027	185	-0.0151
764.63	-0.016	192.3	-0.0178	764.63	-0.027	184.7	-0.0178
764.67	-0.017	192.1	-0.0186	764.67	-0.028	184.5	-0.0195
764.70	-0.017	192	-0.0195	764.70	-0.029	184.2	-0.0195
764.73	-0.017	191.8	-0.0195	764.73	-0.029	184.2	-0.0204
764.77	-0.017	191.7	-0.0204	764.77	-0.029	184.1	-0.0213
764.80	-0.017	191.7	-0.0204	764.80	-0.029	183.9	-0.0213
764.83	-0.017	191.6	-0.0195	764.83	-0.028	183.7	-0.0213
764.87	-0.017	191.6	-0.0195	764.87	-0.028	183.7	-0.0213
764.90	-0.016	191.5	-0.0186	764.90	-0.027	183.6	-0.0195
764.93	-0.016	191.5	-0.0178	764.93	-0.025	183.6	-0.0195
764.97	-0.014	191.5	-0.0169	764.97	-0.024	183.6	-0.0178
765.00	-0.013	191.5	-0.0169	765.00	-0.024	183.6	-0.016
765.03	-0.013	191.5	-0.0151	765.03	-0.022	183.7	-0.0133
765.07	-0.012	191.5	-0.0133	765.07	-0.019	183.8	-0.0098
765.12	-0.009	191.7	-0.0107	765.10	-0.018	183.9	-0.0062
765.15	-0.008	191.7	-0.0098	765.13	-0.016	184.1	-0.0018
765.17	-0.008	191.8	-0.008	765.17	-0.012	184.4	-0.0018
765.20	-0.006	191.9	-0.0044	765.20	-0.01	184.4	0.0036
765.23	-0.004	192.1	-0.0018	765.23	-0.01	184.5	0.008
765.27	-0.002	192.2	0.0009	765.27	-0.008	184.9	0.0142
765.30	-0.001	192.4	0.0044	765.32	-0.002	185.2	0.0213
765.33	0.003	192.6	0.0044	765.35	-0.002	185.4	0.0257
765.37	0.004	192.6	0.0089	765.38	0	185.8	0.0328
765.40	0.004	192.7	0.0115	765.40	0.005	186.2	0.0408
765.43	0.005	193	0.016	765.43	0.006	186.5	0.047
765.47	0.009	193.3	0.0204	765.47	0.01	187	0.0559
765.50	0.01	193.5	0.024	765.50	0.015	187.4	0.0559
765.53	0.012	193.8	0.0284	765.53	0.016	187.4	0.0648
765.57	0.015	194	0.0284	765.57	0.016	187.7	0.0701
765.60	0.016	194	0.0328	765.60	0.019	188.2	0.0781
765.63	0.016	194.2	0.0355	765.63	0.023	188.7	0.0861
765.67	0.017	194.5	0.0391	765.67	0.024	189	0.0923
765.70	0.021	194.7	0.0435	765.70	0.027	189.5	0.0985
765.73	0.022	194.9	0.0462	765.73	0.031	189.9	0.0985
765.77	0.022	195.2	0.0479	765.77	0.032	189.9	0.1056
765.80	0.024	195.4	0.0479	765.80	0.032	190.2	0.1101
765.83	0.025	195.4	0.0506	765.83	0.033	190.6	0.1145
765.87	0.025	195.7	0.0533	765.87	0.036	191	0.1198
765.90	0.026	195.9	0.055	765.90	0.037	191.3	0.1225
765.93	0.027	196.1	0.0568	765.93	0.038	191.6	0.1252
765.97	0.028	196.3	0.0577	765.97	0.04	191.9	0.1252
766.00	0.028	196.4	0.0595	766.00	0.04	191.9	0.1278
766.03	0.029	196.6	0.0595	766.03	0.04	192.1	0.1296
766.07	0.029	196.6	0.0595	766.07	0.04	192.3	0.1305
766.10	0.029	196.7	0.0595	766.10	0.04	192.5	0.1314
766.13	0.029	196.8	0.0604	766.13	0.04	192.7	0.1314
766.17	0.029	196.9	0.0604	766.17	0.04	192.8	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
766.20	0.028	197	0.0604	766.20	0.04	192.9	0.1314
766.23	0.028	197	0.0586	766.23	0.038	192.9	0.1314
766.27	0.026	197	0.0586	766.27	0.038	193	0.1305
766.30	0.025	197	0.0577	766.30	0.037	193	0.1269
766.33	0.025	197	0.0559	766.33	0.034	192.9	0.1243
766.37	0.025	197	0.0541	766.37	0.033	192.9	0.1225
766.40	0.023	197	0.0524	766.40	0.032	192.9	0.1189
766.43	0.021	196.9	0.0506	766.43	0.028	192.7	0.1189
766.47	0.02	196.8	0.0488	766.47	0.026	192.6	0.1145
766.50	0.018	196.7	0.0488	766.50	0.026	192.6	0.111
766.55	0.016	196.6	0.0435	766.53	0.024	192.4	0.1065
766.58	0.015	196.5	0.0408	766.57	0.02	192.1	0.1003
766.62	0.013	196.3	0.0408	766.60	0.017	191.8	0.095
766.63	0.012	196.3	0.0373	766.63	0.016	191.6	0.0879
766.67	0.012	196.2	0.0346	766.67	0.011	191.2	0.0879
766.70	0.01	196	0.0302	766.70	0.008	190.9	0.0808
766.73	0.006	195.7	0.0249	766.73	0.008	190.9	0.0737
766.77	0.005	195.6	0.0222	766.78	0.003	190.2	0.0666
766.80	0.004	195.3	0.0186	766.82	0.001	189.8	0.0612
766.83	0	195	0.0186	766.83	0.001	189.8	0.0559
766.87	-0.001	194.8	0.0142	766.87	-0.002	189.5	0.047
766.90	-0.001	194.8	0.0107	766.90	-0.006	188.9	0.0373
766.93	-0.003	194.5	0.0071	766.93	-0.009	188.5	0.0311
766.97	-0.006	194.2	0.0027	766.97	-0.011	188.1	0.0231
767.00	-0.007	194	0	767.00	-0.014	187.5	0.0231
767.03	-0.008	193.8	-0.0036	767.03	-0.017	187.1	0.016
767.07	-0.011	193.5	-0.0036	767.07	-0.017	187.1	0.0098
767.10	-0.012	193.2	-0.0071	767.10	-0.018	186.7	0.0036
767.13	-0.012	193.2	-0.0089	767.13	-0.021	186.2	-0.0018
767.17	-0.012	193	-0.0115	767.17	-0.024	185.8	-0.0062
767.20	-0.014	192.8	-0.0142	767.20	-0.024	185.5	-0.0098
767.23	-0.015	192.5	-0.016	767.23	-0.026	185.1	-0.0133
767.27	-0.016	192.4	-0.0169	767.27	-0.027	184.8	-0.0133
767.30	-0.016	192.2	-0.0169	767.30	-0.028	184.8	-0.016
767.33	-0.017	192	-0.0186	767.33	-0.028	184.6	-0.0178
767.37	-0.017	192	-0.0195	767.37	-0.028	184.3	-0.0195
767.40	-0.017	191.9	-0.0204	767.40	-0.029	184.1	-0.0204
767.43	-0.017	191.8	-0.0204	767.43	-0.029	183.9	-0.0213
767.47	-0.017	191.7	-0.0204	767.47	-0.029	183.8	-0.0213
767.50	-0.017	191.6	-0.0195	767.50	-0.028	183.7	-0.0213
767.53	-0.016	191.5	-0.0195	767.53	-0.027	183.7	-0.0213
767.57	-0.016	191.5	-0.0195	767.57	-0.027	183.6	-0.0204
767.60	-0.016	191.5	-0.0186	767.60	-0.027	183.6	-0.0186
767.63	-0.015	191.5	-0.0178	767.63	-0.024	183.6	-0.0169
767.67	-0.013	191.5	-0.0151	767.67	-0.023	183.6	-0.0151
767.70	-0.012	191.5	-0.0142	767.70	-0.022	183.7	-0.0115
767.73	-0.012	191.6	-0.0133	767.73	-0.018	183.8	-0.0115
767.77	-0.01	191.7	-0.0133	767.77	-0.017	183.8	-0.008
767.80	-0.008	191.8	-0.0107	767.80	-0.017	183.9	-0.0044
767.83	-0.008	191.8	-0.008	767.83	-0.015	184.2	0
767.87	-0.006	191.9	-0.0044	767.87	-0.01	184.4	0.0053
767.90	-0.004	192.1	-0.0018	767.90	-0.009	184.6	0.0107
767.93	-0.002	192.2	0.0009	767.93	-0.007	185	0.0169
767.97	-0.001	192.3	0.0053	767.97	-0.001	185.3	0.0169
768.02	0.002	192.6	0.0089	768.00	0	185.3	0.024
768.05	0.003	192.7	0.0107	768.03	0	185.6	0.0311
768.07	0.005	192.9	0.0142	768.07	0.002	186	0.0391
768.10	0.007	193.2	0.0142	768.10	0.008	186.4	0.0479
768.13	0.01	193.4	0.0186	768.13	0.01	186.7	0.0541
768.17	0.01	193.4	0.0222	768.17	0.012	187.2	0.0621
768.20	0.011	193.6	0.0257	768.22	0.017	187.7	0.0701
768.23	0.013	193.9	0.0302	768.25	0.018	188	0.0746
768.27	0.016	194.1	0.0337	768.28	0.02	188.4	0.0817

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
768.30	0.016	194.3	0.0373	768.30	0.025	188.8	0.0817
768.33	0.019	194.6	0.0417	768.33	0.026	188.8	0.0888
768.37	0.021	194.9	0.0417	768.37	0.026	189.2	0.095
768.40	0.022	194.9	0.0444	768.40	0.027	189.6	0.1012
768.43	0.022	195	0.047	768.43	0.032	190	0.1074
768.47	0.023	195.3	0.0497	768.47	0.033	190.4	0.1118
768.50	0.025	195.6	0.0524	768.50	0.034	190.7	0.1172
768.53	0.026	195.8	0.0541	768.53	0.037	191.2	0.1172
768.57	0.026	196	0.0559	768.57	0.038	191.4	0.1216
768.60	0.027	196.2	0.0559	768.60	0.038	191.4	0.1243
768.63	0.028	196.2	0.0568	768.63	0.038	191.7	0.1269
768.67	0.028	196.3	0.0586	768.67	0.039	192	0.1287
768.70	0.028	196.5	0.0595	768.70	0.04	192.2	0.1305
768.73	0.029	196.6	0.0595	768.73	0.04	192.4	0.1314
768.77	0.029	196.7	0.0595	768.77	0.04	192.6	0.1314
768.80	0.029	196.8	0.0604	768.80	0.04	192.7	0.1314
768.83	0.028	196.9	0.0604	768.83	0.04	192.7	0.1314
768.87	0.028	196.9	0.0595	768.87	0.04	192.9	0.1314
768.90	0.028	197	0.0595	768.90	0.039	193	0.1314
768.93	0.027	197	0.0577	768.93	0.038	193	0.1296
768.97	0.026	197	0.0568	768.97	0.036	193	0.1269
769.00	0.025	197	0.055	769.00	0.035	193	0.1243
769.03	0.024	197	0.0541	769.03	0.032	192.9	0.1243
769.07	0.022	196.9	0.0541	769.07	0.031	192.9	0.1216
769.10	0.021	196.9	0.0515	769.10	0.031	192.8	0.1181
769.13	0.021	196.9	0.0497	769.13	0.029	192.6	0.1145
769.17	0.02	196.8	0.047	769.17	0.024	192.4	0.1092
769.20	0.016	196.6	0.0435	769.20	0.023	192.3	0.1047
769.23	0.016	196.5	0.0417	769.23	0.021	192	0.0985
769.27	0.014	196.3	0.0382	769.27	0.016	191.7	0.0985
769.30	0.011	196.2	0.0382	769.30	0.014	191.7	0.0923
769.33	0.01	196.2	0.0337	769.33	0.014	191.5	0.087
769.37	0.01	196	0.0311	769.37	0.012	191	0.079
769.40	0.008	195.8	0.0275	769.40	0.006	190.7	0.0701
769.43	0.005	195.5	0.0222	769.43	0.005	190.4	0.0648
769.48	0.003	195.3	0.0186	769.47	0.002	189.9	0.0559
769.52	0.002	195.1	0.0169	769.50	-0.003	189.4	0.0559
769.53	-0.001	194.9	0.0133	769.53	-0.005	189.4	0.0479
769.57	-0.002	194.6	0.0098	769.57	-0.005	189.1	0.0417
769.60	-0.003	194.4	0.0053	769.60	-0.007	188.6	0.0337
769.63	-0.007	194	0.0053	769.63	-0.012	188.1	0.024
769.67	-0.007	194	0.0009	769.68	-0.013	187.8	0.0186
769.70	-0.007	193.8	-0.0009	769.72	-0.014	187.3	0.0142
769.73	-0.009	193.6	-0.0053	769.73	-0.018	186.8	0.0071
769.77	-0.012	193.3	-0.008	769.77	-0.019	186.5	0.0027
769.80	-0.012	193.1	-0.0107	769.80	-0.021	186	-0.0027
769.83	-0.014	192.9	-0.0133	769.83	-0.025	185.6	-0.0027
769.87	-0.015	192.6	-0.0133	769.87	-0.025	185.6	-0.008
769.90	-0.015	192.6	-0.0151	769.90	-0.025	185.4	-0.0107
769.93	-0.015	192.5	-0.016	769.93	-0.026	185	-0.0151
769.97	-0.016	192.3	-0.0178	769.97	-0.028	184.7	-0.0169
770.00	-0.017	192.1	-0.0186	770.00	-0.028	184.4	-0.0186
770.03	-0.017	191.9	-0.0186	770.03	-0.028	184.2	-0.0204
770.07	-0.017	191.8	-0.0195	770.07	-0.029	184	-0.0204
770.10	-0.018	191.7	-0.0195	770.10	-0.029	184	-0.0213
770.13	-0.017	191.7	-0.0204	770.13	-0.029	183.8	-0.0213
770.17	-0.017	191.6	-0.0204	770.17	-0.029	183.7	-0.0213
770.20	-0.017	191.5	-0.0195	770.20	-0.028	183.6	-0.0213
770.23	-0.016	191.5	-0.0186	770.23	-0.027	183.5	-0.0204
770.27	-0.015	191.5	-0.0178	770.27	-0.026	183.5	-0.0178
770.30	-0.014	191.4	-0.0169	770.30	-0.023	183.6	-0.0178
770.33	-0.013	191.5	-0.0169	770.33	-0.022	183.6	-0.016
770.37	-0.012	191.5	-0.0151	770.37	-0.022	183.6	-0.0142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
770.40	-0.012	191.5	-0.0142	770.40	-0.021	183.7	-0.0107
770.43	-0.011	191.6	-0.0115	770.43	-0.017	183.9	-0.0062
770.47	-0.008	191.7	-0.0089	770.47	-0.016	184	-0.0027
770.50	-0.007	191.8	-0.0062	770.50	-0.014	184.2	0.0018
770.53	-0.006	191.9	-0.0027	770.53	-0.009	184.5	0.0018
770.57	-0.002	192.1	-0.0027	770.57	-0.008	184.5	0.008
770.60	-0.002	192.1	0	770.60	-0.008	184.7	0.0133
770.63	-0.002	192.2	0.0027	770.63	-0.005	185	0.0204
770.67	0	192.4	0.0062	770.67	0	185.4	0.0284
770.70	0.003	192.7	0.0098	770.70	0.001	185.7	0.0337
770.73	0.005	192.8	0.0133	770.73	0.004	186.1	0.0417
770.77	0.006	193	0.0186	770.77	0.009	186.5	0.0417
770.80	0.01	193.3	0.0186	770.80	0.011	187	0.0506
770.83	0.011	193.5	0.0222	770.83	0.011	187	0.0577
770.87	0.011	193.5	0.0257	770.87	0.013	187.3	0.0657
770.92	0.014	194	0.0302	770.90	0.018	187.9	0.0737
770.95	0.016	194.2	0.0328	770.93	0.02	188.2	0.0799
770.98	0.016	194.2	0.0355	770.97	0.022	188.6	0.0879
771.00	0.017	194.4	0.0391	771.00	0.026	189.1	0.0879
771.03	0.02	194.7	0.0435	771.03	0.028	189.5	0.095
771.07	0.022	194.9	0.0462	771.07	0.028	189.5	0.1003
771.10	0.022	195.1	0.0488	771.12	0.032	190.2	0.1065
771.13	0.024	195.4	0.0488	771.15	0.033	190.5	0.1101
771.17	0.025	195.7	0.0515	771.18	0.033	190.5	0.1136
771.20	0.025	195.7	0.0533	771.20	0.035	190.8	0.1189
771.23	0.026	195.9	0.055	771.23	0.037	191.2	0.1234
771.27	0.027	196.1	0.0568	771.27	0.039	191.5	0.126
771.30	0.028	196.3	0.0586	771.30	0.039	191.8	0.1278
771.33	0.028	196.4	0.0595	771.33	0.039	192.1	0.1296
771.37	0.029	196.5	0.0595	771.37	0.04	192.3	0.1296
771.40	0.029	196.7	0.0604	771.40	0.04	192.3	0.1305
771.43	0.029	196.7	0.0604	771.43	0.04	192.5	0.1314
771.47	0.029	196.8	0.0604	771.47	0.04	192.6	0.1314
771.50	0.029	196.9	0.0604	771.50	0.04	192.8	0.1314
771.53	0.028	197	0.0595	771.53	0.04	192.9	0.1314
771.57	0.027	197	0.0586	771.57	0.039	193	0.1305
771.60	0.027	197	0.0586	771.60	0.036	193	0.1305
771.63	0.025	197	0.0577	771.63	0.036	193	0.1278
771.67	0.025	197	0.0568	771.67	0.036	193	0.126
771.70	0.025	197	0.0541	771.70	0.034	192.9	0.1225
771.73	0.023	196.9	0.0533	771.73	0.031	192.8	0.1198
771.77	0.021	196.9	0.0506	771.77	0.03	192.8	0.1172
771.80	0.02	196.8	0.0488	771.80	0.028	192.6	0.1118
771.83	0.019	196.7	0.0462	771.83	0.023	192.3	0.1118
771.87	0.015	196.5	0.0462	771.87	0.022	192.3	0.1065
771.90	0.014	196.5	0.0417	771.90	0.022	192.2	0.103
771.93	0.014	196.5	0.0399	771.93	0.02	192	0.0968
771.97	0.013	196.3	0.0364	771.97	0.015	191.6	0.0897
772.00	0.01	196.1	0.0328	772.00	0.012	191.3	0.0834
772.03	0.009	195.9	0.0293	772.03	0.01	191	0.0754
772.07	0.007	195.7	0.0249	772.07	0.005	190.5	0.0754
772.10	0.004	195.4	0.0249	772.10	0.002	190.2	0.0666
772.13	0.003	195.4	0.0213	772.13	0.002	190.2	0.0604
772.17	0.003	195.2	0.0178	772.17	0.001	189.8	0.0533
772.20	0	194.9	0.0124	772.20	-0.004	189.3	0.0453
772.23	-0.003	194.6	0.0089	772.23	-0.007	188.8	0.0373
772.27	-0.004	194.4	0.0062	772.27	-0.008	188.5	0.0302
772.30	-0.005	194.1	0.0027	772.30	-0.012	187.9	0.0302
772.33	-0.008	193.8	0.0027	772.33	-0.015	187.5	0.0213
772.38	-0.009	193.6	-0.0036	772.37	-0.015	187.5	0.0151
772.42	-0.009	193.4	-0.0062	772.40	-0.016	187.1	0.0089
772.43	-0.012	193.1	-0.0062	772.43	-0.02	186.5	0.0027
772.47	-0.013	193.1	-0.0089	772.47	-0.022	186.2	-0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
772.50	-0.013	192.9	-0.0115	772.50	-0.023	185.8	-0.0071
772.53	-0.014	192.7	-0.0142	772.53	-0.025	185.4	-0.0071
772.57	-0.016	192.5	-0.016	772.58	-0.026	185	-0.0142
772.60	-0.016	192.3	-0.0169	772.62	-0.026	184.8	-0.016
772.63	-0.016	192.1	-0.0186	772.63	-0.027	184.5	-0.0186
772.67	-0.017	192	-0.0186	772.67	-0.028	184.3	-0.0186
772.70	-0.017	192	-0.0195	772.70	-0.029	184.3	-0.0195
772.73	-0.017	191.8	-0.0195	772.73	-0.029	184.1	-0.0213
772.77	-0.017	191.7	-0.0204	772.77	-0.029	183.9	-0.0222
772.80	-0.017	191.6	-0.0204	772.80	-0.029	183.7	-0.0222
772.83	-0.017	191.5	-0.0204	772.83	-0.028	183.6	-0.0222
772.87	-0.017	191.5	-0.0195	772.87	-0.028	183.5	-0.0213
772.90	-0.015	191.4	-0.0195	772.90	-0.026	183.5	-0.0213
772.93	-0.015	191.4	-0.0186	772.93	-0.025	183.5	-0.0195
772.97	-0.015	191.4	-0.0186	772.97	-0.025	183.4	-0.0186
773.00	-0.014	191.4	-0.016	773.00	-0.024	183.5	-0.016
773.03	-0.012	191.5	-0.0142	773.03	-0.021	183.6	-0.0133
773.07	-0.011	191.5	-0.0133	773.07	-0.02	183.6	-0.0098
773.10	-0.01	191.5	-0.0107	773.10	-0.018	183.9	-0.0062
773.13	-0.007	191.7	-0.0107	773.13	-0.014	184.1	-0.0062
773.17	-0.007	191.7	-0.008	773.17	-0.013	184.1	-0.0018
773.20	-0.007	191.8	-0.0062	773.20	-0.013	184.2	0.0027
773.23	-0.005	191.9	-0.0027	773.23	-0.01	184.5	0.008
773.27	-0.002	192.1	0.0009	773.27	-0.005	184.8	0.0151
773.30	-0.001	192.3	0.0036	773.30	-0.004	185.1	0.0213
773.33	0.001	192.4	0.008	773.33	-0.002	185.5	0.0293
773.37	0.004	192.7	0.008	773.37	0.004	185.9	0.0293
773.40	0.006	192.9	0.0115	773.40	0.006	185.9	0.0382
773.43	0.006	192.9	0.0151	773.43	0.006	186.2	0.0444
773.47	0.007	193.1	0.0195	773.47	0.008	186.6	0.0524
773.50	0.011	193.4	0.024	773.50	0.013	187.1	0.0604
773.53	0.012	193.6	0.0275	773.53	0.015	187.4	0.0666
773.57	0.013	193.8	0.032	773.57	0.017	187.9	0.0746
773.60	0.016	194.1	0.032	773.60	0.022	188.4	0.0746
773.63	0.018	194.3	0.0355	773.63	0.023	188.4	0.0826
773.67	0.018	194.3	0.0391	773.67	0.023	188.7	0.0888
773.70	0.019	194.6	0.0417	773.70	0.026	189.2	0.0959
773.73	0.021	194.9	0.0453	773.73	0.03	189.6	0.103
773.77	0.023	195.1	0.0479	773.77	0.031	190	0.1074
773.82	0.023	195.3	0.0506	773.80	0.032	190.4	0.1127
773.85	0.024	195.6	0.0515	773.83	0.036	190.7	0.1127
773.88	0.025	195.8	0.0533	773.87	0.036	190.7	0.1181
773.90	0.026	195.9	0.0559	773.90	0.036	191	0.1207
773.93	0.027	196.2	0.0559	773.93	0.037	191.3	0.1243
773.97	0.028	196.3	0.0577	773.97	0.039	191.7	0.1269
774.00	0.028	196.3	0.0586	774.00	0.04	191.9	0.1287
774.03	0.029	196.5	0.0595	774.05	0.04	192.1	0.1305
774.07	0.029	196.6	0.0595	774.08	0.04	192.3	0.1305
774.10	0.029	196.7	0.0604	774.10	0.04	192.5	0.1314
774.13	0.029	196.8	0.0604	774.13	0.04	192.6	0.1314
774.17	0.029	196.9	0.0604	774.17	0.04	192.8	0.1314
774.20	0.028	197	0.0604	774.20	0.04	192.8	0.1314
774.23	0.027	197	0.0595	774.23	0.04	192.9	0.1314
774.27	0.027	197	0.0586	774.27	0.039	193	0.1287
774.30	0.026	197	0.0568	774.30	0.036	192.9	0.1269
774.33	0.025	197	0.0559	774.33	0.035	192.9	0.1252
774.37	0.024	197	0.0541	774.37	0.033	192.9	0.1216
774.40	0.023	196.9	0.0515	774.40	0.03	192.7	0.1216
774.43	0.02	196.8	0.0515	774.43	0.029	192.7	0.1181
774.47	0.02	196.8	0.0497	774.47	0.029	192.7	0.1154
774.50	0.02	196.8	0.0479	774.50	0.026	192.5	0.1101
774.53	0.018	196.6	0.0444	774.53	0.022	192.2	0.1039
774.57	0.015	196.5	0.0408	774.57	0.02	192	0.0994

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
774.60	0.014	196.4	0.0382	774.60	0.018	191.8	0.0932
774.63	0.012	196.2	0.0355	774.63	0.014	191.4	0.0932
774.67	0.009	196	0.0355	774.67	0.011	191.1	0.0861
774.70	0.008	196	0.0311	774.70	0.011	191.1	0.0799
774.73	0.008	195.8	0.0284	774.73	0.009	190.8	0.0728
774.77	0.006	195.5	0.0231	774.77	0.004	190.3	0.0639
774.80	0.002	195.2	0.0186	774.80	0.001	190	0.0577
774.83	0.001	195	0.016	774.83	0	189.6	0.0497
774.87	0	194.8	0.0115	774.87	-0.005	189	0.0497
774.90	-0.004	194.5	0.0115	774.90	-0.008	188.7	0.0408
774.93	-0.005	194.5	0.0071	774.93	-0.008	188.7	0.0346
774.97	-0.005	194.3	0.0044	774.97	-0.009	188.3	0.0275
775.00	-0.006	194	0.0009	775.00	-0.013	187.7	0.0178
775.03	-0.009	193.7	-0.0027	775.03	-0.016	187.3	0.0115
775.07	-0.009	193.5	-0.0053	775.07	-0.017	186.8	0.0062
775.10	-0.011	193.3	-0.0089	775.10	-0.02	186.3	0.0062
775.13	-0.014	193	-0.0089	775.13	-0.023	186	0
775.17	-0.014	193	-0.0115	775.17	-0.023	186	-0.0044
775.20	-0.014	192.8	-0.0133	775.20	-0.023	185.7	-0.0089
775.23	-0.014	192.6	-0.0151	775.23	-0.025	185.2	-0.0124
775.28	-0.016	192.4	-0.0169	775.27	-0.027	184.9	-0.016
775.32	-0.016	192.2	-0.0178	775.30	-0.027	184.6	-0.0178
775.33	-0.017	192	-0.0186	775.33	-0.028	184.4	-0.0195
775.37	-0.017	191.9	-0.0195	775.37	-0.029	184.1	-0.0195
775.40	-0.017	191.7	-0.0204	775.40	-0.029	184.1	-0.0213
775.43	-0.017	191.6	-0.0204	775.43	-0.029	183.9	-0.0213
775.47	-0.017	191.5	-0.0204	775.48	-0.028	183.6	-0.0222
775.50	-0.017	191.5	-0.0204	775.52	-0.028	183.6	-0.0222
775.53	-0.017	191.5	-0.0195	775.55	-0.028	183.5	-0.0222
775.57	-0.016	191.4	-0.0186	775.57	-0.027	183.5	-0.0204
775.60	-0.016	191.4	-0.0186	775.60	-0.026	183.5	-0.0195
775.63	-0.014	191.4	-0.0169	775.63	-0.025	183.4	-0.0169
775.67	-0.014	191.4	-0.016	775.67	-0.023	183.5	-0.0151
775.70	-0.012	191.5	-0.0133	775.70	-0.02	183.6	-0.0151
775.73	-0.01	191.5	-0.0133	775.73	-0.019	183.6	-0.0115
775.77	-0.01	191.5	-0.0115	775.77	-0.019	183.7	-0.0089
775.80	-0.01	191.6	-0.0098	775.80	-0.017	183.9	-0.0044
775.83	-0.008	191.8	-0.0071	775.83	-0.013	184.1	0.0009
775.87	-0.005	191.9	-0.0036	775.87	-0.012	184.3	0.0053
775.90	-0.004	192	-0.0018	775.90	-0.009	184.6	0.0115
775.93	-0.002	192.2	0.0018	775.93	-0.004	184.9	0.0115
775.97	0	192.3	0.0018	775.97	-0.003	184.9	0.0178
776.00	0.002	192.3	0.0053	776.00	-0.003	185.2	0.024
776.03	0.002	192.5	0.0089	776.03	0	185.6	0.032
776.07	0.004	192.7	0.0124	776.07	0.005	186	0.0408
776.10	0.007	193	0.0169	776.10	0.007	186.3	0.047
776.13	0.008	193.2	0.0204	776.13	0.01	186.8	0.055
776.17	0.01	193.5	0.0249	776.17	0.015	187.3	0.055
776.20	0.014	193.7	0.0249	776.20	0.016	187.3	0.0639
776.23	0.014	193.7	0.0293	776.23	0.016	187.6	0.0701
776.27	0.014	193.9	0.0328	776.27	0.019	188.1	0.0781
776.30	0.016	194.2	0.0364	776.30	0.023	188.5	0.0852
776.33	0.019	194.5	0.0399	776.33	0.025	188.9	0.0923
776.37	0.02	194.6	0.0435	776.37	0.026	189.3	0.0985
776.40	0.021	194.9	0.0462	776.40	0.031	189.8	0.0985
776.43	0.024	195.2	0.0462	776.43	0.032	189.8	0.1056
776.47	0.024	195.2	0.0497	776.47	0.032	190.1	0.1101
776.50	0.024	195.4	0.0515	776.50	0.033	190.5	0.1145
776.53	0.025	195.7	0.0541	776.53	0.036	190.9	0.1198
776.57	0.027	195.9	0.0559	776.57	0.037	191.2	0.1225
776.60	0.027	196	0.0568	776.60	0.038	191.5	0.1252
776.63	0.028	196.2	0.0586	776.63	0.039	191.8	0.1252
776.67	0.028	196.4	0.0586	776.67	0.04	191.8	0.1278

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
776.70	0.029	196.4	0.0595	776.70	0.04	192	0.1296
776.75	0.029	196.6	0.0595	776.73	0.04	192.2	0.1305
776.78	0.028	196.7	0.0595	776.77	0.04	192.4	0.1314
776.80	0.028	196.7	0.0604	776.80	0.04	192.6	0.1314
776.83	0.028	196.9	0.0604	776.83	0.04	192.7	0.1314
776.87	0.029	196.9	0.0604	776.87	0.04	192.8	0.1314
776.90	0.028	197	0.0595	776.90	0.039	192.8	0.1314
776.93	0.027	197	0.0586	776.95	0.037	192.9	0.1278
776.97	0.026	197	0.0568	776.98	0.036	192.9	0.1278
777.00	0.024	197	0.0568	777.00	0.034	192.9	0.1269
777.03	0.023	197	0.055	777.03	0.034	192.9	0.1243
777.07	0.023	197	0.0541	777.07	0.033	192.9	0.1207
777.10	0.022	196.9	0.0515	777.10	0.029	192.7	0.1163
777.13	0.02	196.8	0.0488	777.13	0.027	192.6	0.1127
777.17	0.019	196.7	0.047	777.17	0.025	192.4	0.1083
777.20	0.017	196.6	0.0435	777.20	0.021	192.1	0.1083
777.23	0.014	196.4	0.0435	777.23	0.019	191.9	0.103
777.27	0.013	196.4	0.0408	777.27	0.019	191.9	0.0976
777.30	0.013	196.3	0.0373	777.30	0.017	191.7	0.0905
777.33	0.012	196.1	0.0346	777.33	0.012	191.2	0.0834
777.37	0.008	195.9	0.0302	777.37	0.01	191	0.0763
777.40	0.006	195.7	0.0257	777.40	0.007	190.6	0.0692
777.43	0.005	195.5	0.0222	777.43	0.003	190.1	0.0692
777.47	0.002	195.1	0.0222	777.47	0	189.8	0.0604
777.50	0	195.1	0.0178	777.50	0	189.8	0.0541
777.53	0	194.9	0.0142	777.53	-0.002	189.4	0.047
777.57	-0.001	194.7	0.0107	777.57	-0.007	188.8	0.0373
777.60	-0.004	194.4	0.0062	777.60	-0.009	188.4	0.0311
777.63	-0.005	194.2	0.0036	777.63	-0.01	188.1	0.0231
777.67	-0.007	193.9	-0.0009	777.67	-0.015	187.5	0.0231
777.70	-0.01	193.6	-0.0009	777.70	-0.017	187.1	0.0151
777.73	-0.01	193.6	-0.0044	777.73	-0.017	187.1	0.0089
777.77	-0.01	193.4	-0.0071	777.77	-0.018	186.7	0.0036
777.80	-0.011	193.2	-0.0098	777.80	-0.021	186.2	-0.0018
777.83	-0.014	192.9	-0.0124	777.83	-0.024	185.8	-0.0062
777.87	-0.014	192.7	-0.0133	777.87	-0.024	185.5	-0.0098
777.90	-0.015	192.5	-0.016	777.90	-0.026	185.1	-0.0098
777.93	-0.016	192.3	-0.016	777.93	-0.027	184.8	-0.0142
777.97	-0.017	192.3	-0.0178	777.97	-0.027	184.8	-0.0169
778.00	-0.017	192.1	-0.0186	778.00	-0.027	184.5	-0.0186
778.03	-0.017	192	-0.0195	778.03	-0.028	184.3	-0.0204
778.07	-0.017	191.8	-0.0204	778.07	-0.029	184	-0.0213
778.10	-0.017	191.7	-0.0204	778.10	-0.029	183.8	-0.0222
778.13	-0.017	191.6	-0.0195	778.13	-0.029	183.7	-0.0222
778.18	-0.017	191.5	-0.0195	778.17	-0.028	183.6	-0.0222
778.22	-0.016	191.4	-0.0195	778.20	-0.028	183.6	-0.0222
778.23	-0.016	191.4	-0.0186	778.23	-0.028	183.5	-0.0204
778.27	-0.014	191.4	-0.0186	778.27	-0.026	183.5	-0.0186
778.30	-0.014	191.4	-0.0169	778.30	-0.024	183.5	-0.0169
778.33	-0.014	191.4	-0.0169	778.33	-0.023	183.5	-0.0151
778.37	-0.013	191.4	-0.0142	778.38	-0.021	183.7	-0.0115
778.40	-0.011	191.5	-0.0124	778.42	-0.019	183.7	-0.0107
778.43	-0.01	191.5	-0.0107	778.45	-0.018	183.8	-0.0071
778.47	-0.009	191.6	-0.0089	778.47	-0.016	184	-0.0027
778.50	-0.006	191.8	-0.0089	778.50	-0.012	184.2	-0.0027
778.53	-0.005	191.8	-0.0062	778.53	-0.01	184.2	0.0027
778.57	-0.005	191.9	-0.0027	778.57	-0.01	184.4	0.0071
778.60	-0.003	192	0.0009	778.60	-0.008	184.8	0.0133
778.63	0	192.3	0.0044	778.63	-0.003	185.1	0.0213
778.67	0.001	192.4	0.0071	778.67	-0.001	185.3	0.0284
778.70	0.003	192.6	0.0115	778.70	0.001	185.8	0.0355
778.73	0.006	192.9	0.0115	778.73	0.006	186.2	0.0355
778.77	0.007	193.1	0.0151	778.77	0.008	186.2	0.0444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
778.80	0.007	193.1	0.0186	778.80	0.008	186.5	0.0506
778.83	0.009	193.3	0.0231	778.83	0.011	187	0.0586
778.87	0.013	193.6	0.0284	778.87	0.016	187.4	0.0666
778.90	0.014	193.8	0.0311	778.90	0.017	187.8	0.0728
778.93	0.015	194	0.0346	778.93	0.02	188.3	0.0808
778.97	0.018	194.3	0.0346	778.97	0.024	188.7	0.0808
779.00	0.019	194.5	0.0391	779.00	0.026	188.7	0.0888
779.03	0.019	194.5	0.0408	779.03	0.026	189.1	0.0941
779.07	0.02	194.8	0.0453	779.07	0.028	189.5	0.1012
779.10	0.023	195	0.0479	779.10	0.032	189.9	0.1083
779.13	0.024	195.2	0.0506	779.13	0.033	190.3	0.1127
779.17	0.025	195.5	0.0524	779.17	0.034	190.7	0.1172
779.20	0.026	195.8	0.0524	779.20	0.037	191	0.1172
779.23	0.027	196	0.055	779.23	0.037	191	0.1207
779.27	0.027	196	0.0559	779.27	0.037	191.3	0.1234
779.30	0.028	196.1	0.0577	779.30	0.038	191.6	0.126
779.33	0.028	196.3	0.0586	779.33	0.04	191.8	0.1287
779.37	0.029	196.4	0.0595	779.37	0.04	192.1	0.1296
779.40	0.029	196.6	0.0595	779.40	0.04	192.3	0.1305
779.43	0.029	196.7	0.0595	779.43	0.04	192.4	0.1305
779.47	0.029	196.8	0.0604	779.47	0.04	192.4	0.1314
779.50	0.029	196.8	0.0604	779.50	0.04	192.6	0.1314
779.53	0.029	196.9	0.0604	779.53	0.04	192.7	0.1314
779.57	0.028	196.9	0.0595	779.57	0.039	192.8	0.1314
779.60	0.026	197	0.0577	779.60	0.038	192.9	0.1287
779.65	0.026	197	0.0568	779.63	0.036	192.9	0.126
779.68	0.026	197	0.0559	779.67	0.033	192.8	0.126
779.70	0.024	197	0.0541	779.70	0.032	192.8	0.1234
779.73	0.023	197	0.0533	779.73	0.032	192.8	0.1207
779.77	0.022	196.9	0.0506	779.77	0.03	192.7	0.1172
779.80	0.019	196.7	0.0506	779.80	0.027	192.5	0.1127
779.83	0.018	196.7	0.0479	779.85	0.025	192.4	0.1092
779.87	0.018	196.7	0.0453	779.88	0.024	192.3	0.1056
779.90	0.016	196.5	0.0426	779.90	0.02	192	0.1003
779.93	0.013	196.3	0.0391	779.93	0.018	191.8	0.095
779.97	0.012	196.2	0.0355	779.97	0.016	191.5	0.0879
780.00	0.011	196	0.032	780.00	0.011	191	0.0879
780.03	0.007	195.8	0.032	780.03	0.008	190.7	0.0799
780.07	0.006	195.8	0.0275	780.07	0.008	190.7	0.0737
780.10	0.006	195.6	0.0249	780.10	0.006	190.4	0.0657
780.13	0.004	195.3	0.0204	780.13	0.001	189.9	0.0577
780.17	0.001	195	0.016	780.17	-0.001	189.6	0.0515
780.20	0	194.8	0.0124	780.20	-0.003	189.2	0.0426
780.23	-0.002	194.5	0.0089	780.23	-0.008	188.6	0.0426
780.27	-0.005	194.2	0.0089	780.27	-0.01	188.2	0.0346
780.30	-0.006	194.2	0.0044	780.30	-0.01	188.2	0.0275
780.33	-0.006	194	0.0018	780.33	-0.012	187.8	0.0195
780.37	-0.008	193.7	-0.0027	780.37	-0.016	187.3	0.0124
780.40	-0.01	193.5	-0.0053	780.40	-0.018	186.8	0.0071
780.43	-0.011	193.3	-0.008	780.43	-0.019	186.5	0.0009
780.47	-0.012	193	-0.0107	780.47	-0.022	186	0.0009
780.50	-0.014	192.8	-0.0107	780.50	-0.024	185.6	-0.0044
780.53	-0.015	192.8	-0.0133	780.53	-0.024	185.6	-0.008
780.57	-0.015	192.6	-0.0151	780.57	-0.025	185.3	-0.0115
780.60	-0.015	192.4	-0.0169	780.60	-0.026	184.9	-0.0151
780.63	-0.016	192.2	-0.0178	780.63	-0.028	184.6	-0.0178
780.67	-0.017	192	-0.0186	780.67	-0.028	184.4	-0.0195
780.70	-0.017	191.9	-0.0195	780.70	-0.028	184.1	-0.0195
780.73	-0.017	191.7	-0.0195	780.73	-0.029	183.9	-0.0213
780.77	-0.017	191.7	-0.0204	780.77	-0.029	183.9	-0.0222
780.80	-0.017	191.6	-0.0204	780.80	-0.029	183.8	-0.0222
780.83	-0.017	191.5	-0.0204	780.83	-0.029	183.6	-0.0222
780.87	-0.017	191.5	-0.0195	780.87	-0.028	183.5	-0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
780.90	-0.016	191.4	-0.0186	780.90	-0.027	183.5	-0.0195
780.93	-0.015	191.4	-0.0178	780.93	-0.026	183.5	-0.0186
780.97	-0.014	191.4	-0.0178	780.97	-0.023	183.5	-0.0186
781.00	-0.013	191.4	-0.0169	781.00	-0.022	183.5	-0.016
781.03	-0.013	191.4	-0.0151	781.03	-0.022	183.5	-0.0142
781.08	-0.011	191.5	-0.0133	781.07	-0.021	183.7	-0.0107
781.12	-0.01	191.5	-0.0124	781.10	-0.017	183.8	-0.0071
781.15	-0.01	191.6	-0.0107	781.13	-0.016	183.9	-0.0036
781.17	-0.008	191.7	-0.0071	781.17	-0.014	184.2	0.0018
781.20	-0.005	191.8	-0.0044	781.20	-0.009	184.5	0.0018
781.23	-0.004	191.9	-0.0018	781.23	-0.008	184.5	0.0071
781.27	-0.002	192.1	0.0018	781.27	-0.008	184.6	0.0124
781.30	0	192.3	0.0018	781.32	-0.002	185.2	0.0186
781.33	0.002	192.5	0.0053	781.35	0	185.2	0.0231
781.37	0.002	192.5	0.0089	781.37	0	185.5	0.0302
781.40	0.004	192.7	0.0124	781.40	0.002	186	0.0382
781.43	0.007	192.9	0.0169	781.43	0.008	186.4	0.0479
781.47	0.009	193.2	0.0204	781.47	0.009	186.7	0.0541
781.50	0.01	193.3	0.0231	781.50	0.012	187.2	0.0621
781.53	0.013	193.6	0.0231	781.53	0.017	187.6	0.0621
781.57	0.015	193.9	0.0293	781.57	0.019	187.6	0.0701
781.60	0.015	193.9	0.0328	781.60	0.019	188	0.0772
781.63	0.016	194.1	0.0364	781.63	0.021	188.5	0.0843
781.67	0.018	194.4	0.0399	781.67	0.026	188.9	0.0923
781.70	0.02	194.6	0.0435	781.70	0.027	189.2	0.0976
781.73	0.021	194.8	0.0453	781.73	0.029	189.7	0.1039
781.77	0.023	195.1	0.0488	781.77	0.032	190.1	0.1039
781.80	0.025	195.4	0.0488	781.80	0.033	190.1	0.1101
781.83	0.025	195.4	0.0515	781.83	0.033	190.4	0.1145
781.87	0.025	195.6	0.0533	781.87	0.035	190.8	0.1189
781.90	0.026	195.8	0.055	781.90	0.037	191.2	0.1225
781.93	0.027	196	0.0568	781.93	0.038	191.4	0.1252
781.97	0.028	196.2	0.0577	781.97	0.039	191.7	0.1269
782.00	0.028	196.3	0.0586	782.00	0.04	191.9	0.1269
782.03	0.029	196.5	0.0586	782.03	0.04	191.9	0.1296
782.07	0.029	196.5	0.0595	782.07	0.04	192.2	0.1305
782.10	0.029	196.6	0.0595	782.10	0.04	192.4	0.1314
782.13	0.029	196.7	0.0604	782.13	0.04	192.5	0.1314
782.17	0.029	196.8	0.0604	782.17	0.04	192.7	0.1314
782.20	0.029	196.8	0.0595	782.20	0.04	192.8	0.1314
782.23	0.028	196.9	0.0586	782.23	0.038	192.9	0.1314
782.27	0.026	196.9	0.0586	782.27	0.037	192.9	0.1305
782.30	0.025	196.9	0.0568	782.30	0.037	192.9	0.1287
782.33	0.025	197	0.0559	782.33	0.036	192.9	0.1252
782.37	0.024	196.9	0.0541	782.37	0.032	192.8	0.1225
782.40	0.023	196.9	0.0533	782.40	0.032	192.8	0.1198
782.43	0.022	196.8	0.0506	782.43	0.03	192.6	0.1154
782.47	0.02	196.7	0.0479	782.47	0.025	192.4	0.1154
782.50	0.017	196.6	0.0479	782.50	0.024	192.4	0.111
782.55	0.016	196.5	0.0426	782.53	0.024	192.3	0.1074
782.58	0.016	196.4	0.0408	782.57	0.022	192.1	0.1012
782.60	0.012	196.2	0.0408	782.60	0.017	191.8	0.095
782.63	0.012	196.2	0.0373	782.63	0.015	191.5	0.0897
782.67	0.012	196.1	0.0346	782.67	0.013	191.2	0.0826
782.70	0.01	195.8	0.0302	782.70	0.008	190.8	0.0826
782.73	0.005	195.6	0.0249	782.75	0.006	190.5	0.0683
782.77	0.005	195.5	0.0222	782.78	0.005	190.2	0.063
782.80	0.003	195.2	0.0186	782.80	0	189.8	0.063
782.83	0	194.9	0.0186	782.83	-0.002	189.4	0.0559
782.87	-0.001	194.9	0.0142	782.87	-0.002	189.4	0.0479
782.90	-0.001	194.7	0.0107	782.90	-0.005	189	0.0399
782.93	-0.003	194.4	0.0062	782.93	-0.009	188.4	0.032
782.97	-0.006	194.1	0.0027	782.97	-0.011	188	0.024

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
783.00	-0.007	193.9	0	783.00	-0.013	187.6	0.0178
783.03	-0.008	193.6	-0.0036	783.03	-0.017	187.1	0.0178
783.07	-0.011	193.4	-0.0036	783.07	-0.019	186.6	0.0098
783.10	-0.011	193.4	-0.0071	783.10	-0.019	186.6	0.0044
783.13	-0.011	193.2	-0.0089	783.13	-0.02	186.3	0
783.17	-0.012	192.9	-0.0124	783.17	-0.023	185.8	-0.0053
783.20	-0.015	192.6	-0.0142	783.20	-0.025	185.5	-0.0098
783.23	-0.015	192.5	-0.016	783.23	-0.025	185.2	-0.0133
783.27	-0.016	192.3	-0.0178	783.27	-0.027	184.8	-0.016
783.30	-0.017	192.1	-0.0178	783.30	-0.028	184.5	-0.016
783.33	-0.017	192.1	-0.0186	783.33	-0.028	184.5	-0.0186
783.37	-0.017	191.9	-0.0195	783.37	-0.028	184.3	-0.0204
783.40	-0.017	191.8	-0.0195	783.40	-0.029	184.1	-0.0204
783.43	-0.017	191.7	-0.0204	783.43	-0.029	183.9	-0.0222
783.47	-0.017	191.6	-0.0204	783.47	-0.029	183.7	-0.0222
783.50	-0.017	191.5	-0.0204	783.50	-0.028	183.6	-0.0213
783.53	-0.016	191.4	-0.0204	783.53	-0.027	183.5	-0.0213
783.57	-0.016	191.4	-0.0195	783.57	-0.026	183.5	-0.0213
783.60	-0.016	191.4	-0.0186	783.60	-0.026	183.5	-0.0195
783.63	-0.015	191.4	-0.0169	783.63	-0.025	183.5	-0.0178
783.67	-0.013	191.4	-0.016	783.67	-0.023	183.6	-0.0151
783.70	-0.013	191.4	-0.0142	783.70	-0.022	183.6	-0.0133
783.73	-0.011	191.5	-0.0115	783.73	-0.02	183.7	-0.0089
783.77	-0.009	191.6	-0.0115	783.77	-0.016	183.9	-0.0089
783.80	-0.008	191.6	-0.0098	783.80	-0.015	183.9	-0.0044
783.83	-0.008	191.7	-0.008	783.83	-0.015	184	-0.0009
783.87	-0.007	191.8	-0.0053	783.87	-0.013	184.3	0.0036
783.90	-0.004	192	-0.0018	783.90	-0.008	184.6	0.0098
783.93	-0.002	192.1	0.0009	783.93	-0.007	184.8	0.0151
783.98	-0.001	192.2	0.0044	783.97	-0.005	185.2	0.0222
784.02	0.001	192.4	0.0071	784.00	0.001	185.5	0.0222
784.05	0.003	192.6	0.0098	784.03	0.003	185.5	0.032
784.07	0.004	192.8	0.0142	784.07	0.003	185.8	0.0373
784.10	0.007	193.1	0.0142	784.10	0.005	186.3	0.0462
784.13	0.01	193.3	0.0186	784.13	0.011	186.7	0.0541
784.17	0.01	193.3	0.0222	784.17	0.012	187.1	0.0604
784.20	0.011	193.5	0.0275	784.22	0.015	187.6	0.0683
784.23	0.013	193.8	0.0311	784.25	0.018	187.9	0.0728
784.27	0.016	194	0.0346	784.27	0.02	188.2	0.079
784.30	0.016	194.2	0.0373	784.30	0.022	188.7	0.087
784.33	0.019	194.5	0.0373	784.33	0.027	189.1	0.087
784.37	0.021	194.8	0.0417	784.37	0.028	189.1	0.095
784.40	0.021	194.8	0.0444	784.40	0.028	189.4	0.1003
784.43	0.022	195	0.0479	784.43	0.03	189.9	0.1065
784.47	0.023	195.2	0.0497	784.47	0.034	190.3	0.1127
784.50	0.025	195.5	0.0524	784.50	0.034	190.6	0.1163
784.53	0.026	195.7	0.0541	784.53	0.035	191	0.1207
784.57	0.026	195.9	0.0559	784.57	0.038	191.3	0.1207
784.60	0.028	196.1	0.0559	784.60	0.038	191.3	0.1234
784.63	0.028	196.1	0.0577	784.63	0.038	191.5	0.126
784.67	0.028	196.2	0.0586	784.67	0.039	191.8	0.1278
784.70	0.029	196.4	0.0595	784.70	0.04	192.1	0.1305
784.73	0.029	196.5	0.0595	784.73	0.04	192.3	0.1314
784.77	0.029	196.7	0.0604	784.77	0.04	192.4	0.1314
784.80	0.028	196.8	0.0604	784.80	0.04	192.6	0.1314
784.83	0.028	196.8	0.0604	784.83	0.04	192.6	0.1314
784.87	0.028	196.8	0.0604	784.87	0.04	192.7	0.1314
784.90	0.028	196.9	0.0595	784.90	0.04	192.9	0.1314
784.93	0.027	197	0.0586	784.93	0.037	192.9	0.1287
784.97	0.026	196.9	0.0577	784.97	0.036	192.9	0.1269
785.00	0.025	196.9	0.0559	785.00	0.035	192.9	0.1252
785.03	0.024	196.9	0.0533	785.03	0.032	192.8	0.1252
785.07	0.021	196.8	0.0533	785.07	0.03	192.8	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
785.10	0.021	196.8	0.0515	785.10	0.03	192.7	0.1181
785.13	0.021	196.8	0.0506	785.13	0.029	192.6	0.1136
785.17	0.02	196.7	0.0479	785.17	0.025	192.3	0.1092
785.20	0.017	196.6	0.0444	785.20	0.023	192.2	0.1047
785.23	0.016	196.5	0.0417	785.23	0.021	192	0.0985
785.27	0.014	196.3	0.0382	785.27	0.016	191.6	0.0985
785.30	0.01	196.1	0.0382	785.30	0.014	191.4	0.0923
785.33	0.01	196.1	0.0346	785.33	0.014	191.4	0.087
785.37	0.01	195.9	0.032	785.37	0.012	191.1	0.079
785.40	0.008	195.7	0.0284	785.40	0.006	190.6	0.0701
785.45	0.004	195.4	0.0231	785.43	0.004	190.3	0.0648
785.48	0.004	195.2	0.0204	785.47	0.002	189.9	0.0559
785.50	0.002	195	0.016	785.50	-0.003	189.4	0.0559
785.53	-0.001	194.8	0.0124	785.53	-0.005	189	0.047
785.57	-0.002	194.6	0.0098	785.57	-0.005	189	0.0417
785.60	-0.004	194.3	0.0053	785.60	-0.007	188.6	0.0337
785.63	-0.007	194	0.0053	785.65	-0.013	187.7	0.024
785.67	-0.008	194	0.0009	785.68	-0.013	187.7	0.0204
785.70	-0.008	193.7	-0.0009	785.72	-0.014	187.4	0.0142
785.73	-0.009	193.5	-0.0044	785.73	-0.018	186.8	0.0071
785.77	-0.012	193.2	-0.008	785.77	-0.02	186.4	0.0018
785.80	-0.012	193	-0.0098	785.80	-0.021	186.1	-0.0027
785.83	-0.013	192.8	-0.0124	785.83	-0.024	185.6	-0.0027
785.87	-0.015	192.5	-0.0124	785.87	-0.025	185.3	-0.0071
785.90	-0.016	192.4	-0.0151	785.90	-0.025	185.3	-0.0107
785.93	-0.016	192.4	-0.016	785.93	-0.026	185	-0.0142
785.97	-0.016	192.2	-0.0169	785.97	-0.027	184.6	-0.0178
786.00	-0.016	192	-0.0186	786.00	-0.028	184.4	-0.0186
786.03	-0.017	191.8	-0.0195	786.03	-0.028	184.2	-0.0204
786.07	-0.017	191.7	-0.0204	786.07	-0.029	183.9	-0.0213
786.10	-0.017	191.6	-0.0204	786.10	-0.029	183.8	-0.0213
786.13	-0.017	191.5	-0.0204	786.13	-0.029	183.8	-0.0222
786.17	-0.017	191.5	-0.0204	786.17	-0.029	183.6	-0.0222
786.20	-0.017	191.4	-0.0195	786.20	-0.028	183.5	-0.0213
786.23	-0.016	191.4	-0.0186	786.23	-0.027	183.5	-0.0204
786.27	-0.015	191.4	-0.0186	786.27	-0.026	183.4	-0.0186
786.30	-0.015	191.4	-0.0169	786.30	-0.025	183.5	-0.0169
786.33	-0.013	191.4	-0.0169	786.33	-0.022	183.6	-0.0169
786.37	-0.012	191.4	-0.0151	786.37	-0.021	183.6	-0.0142
786.40	-0.012	191.4	-0.0133	786.40	-0.021	183.6	-0.0115
786.43	-0.011	191.4	-0.0107	786.43	-0.019	183.8	-0.008
786.47	-0.009	191.6	-0.0089	786.47	-0.015	183.9	-0.0036
786.50	-0.007	191.7	-0.0062	786.50	-0.014	184.1	0.0009
786.53	-0.006	191.8	-0.0044	786.53	-0.011	184.4	0.0062
786.57	-0.004	192	-0.0044	786.57	-0.007	184.7	0.0062
786.60	-0.001	192.2	0	786.60	-0.005	184.7	0.0124
786.63	-0.001	192.2	0.0027	786.63	-0.005	184.9	0.0186
786.67	0	192.3	0.0062	786.67	-0.003	185.3	0.0257
786.70	0.003	192.6	0.0107	786.70	0.002	185.7	0.0346
786.73	0.005	192.8	0.0142	786.73	0.004	186	0.0408
786.77	0.006	192.9	0.0178	786.77	0.007	186.4	0.0488
786.80	0.009	193.2	0.0178	786.80	0.012	186.8	0.0488
786.83	0.011	193.4	0.0222	786.83	0.013	186.8	0.0577
786.87	0.011	193.4	0.0257	786.87	0.013	187.2	0.0639
786.92	0.014	193.9	0.032	786.90	0.016	187.7	0.0719
786.95	0.016	194.1	0.032	786.93	0.021	188.2	0.0799
786.97	0.016	194.1	0.0355	786.97	0.022	188.5	0.0861
787.00	0.017	194.3	0.0399	787.00	0.024	189	0.0932
787.03	0.02	194.6	0.0435	787.03	0.029	189.4	0.0932
787.07	0.022	194.9	0.0462	787.07	0.03	189.4	0.1003
787.10	0.022	195.1	0.0479	787.12	0.031	190.1	0.1092
787.13	0.024	195.4	0.0515	787.15	0.033	190.4	0.1092
787.17	0.026	195.6	0.0515	787.17	0.035	190.4	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
787.20	0.026	195.6	0.0541	787.20	0.035	190.7	0.1181
787.23	0.026	195.8	0.0559	787.23	0.036	191.1	0.1216
787.27	0.027	196	0.0568	787.27	0.039	191.4	0.1252
787.30	0.028	196.2	0.0586	787.30	0.039	191.7	0.1269
787.33	0.028	196.3	0.0586	787.33	0.039	191.9	0.1296
787.37	0.028	196.5	0.0595	787.37	0.04	192.2	0.1296
787.40	0.029	196.6	0.0595	787.40	0.04	192.2	0.1305
787.43	0.029	196.6	0.0604	787.43	0.04	192.3	0.1314
787.47	0.029	196.7	0.0604	787.47	0.04	192.5	0.1314
787.50	0.029	196.8	0.0604	787.50	0.04	192.7	0.1314
787.53	0.029	196.9	0.0604	787.53	0.04	192.8	0.1314
787.57	0.028	196.9	0.0595	787.57	0.039	192.9	0.1305
787.60	0.027	197	0.0577	787.60	0.037	192.9	0.1305
787.63	0.025	197	0.0577	787.63	0.035	192.9	0.1278
787.67	0.025	197	0.0568	787.67	0.035	192.9	0.126
787.70	0.025	196.9	0.0559	787.70	0.034	192.8	0.1234
787.73	0.024	196.9	0.0541	787.73	0.031	192.7	0.1198
787.77	0.021	196.8	0.0515	787.77	0.029	192.7	0.1172
787.80	0.02	196.8	0.0479	787.80	0.027	192.5	0.1118
787.83	0.019	196.7	0.0453	787.83	0.023	192.3	0.1118
787.87	0.015	196.5	0.0453	787.87	0.022	192.3	0.1074
787.90	0.015	196.5	0.0426	787.90	0.022	192.1	0.103
787.93	0.015	196.4	0.0408	787.93	0.02	191.9	0.0968
787.97	0.014	196.2	0.0373	787.97	0.015	191.5	0.0897
788.00	0.01	196	0.0328	788.00	0.013	191.2	0.0834
788.03	0.008	195.8	0.0293	788.03	0.01	190.9	0.0763
788.07	0.007	195.6	0.0257	788.07	0.005	190.4	0.0763
788.10	0.004	195.4	0.0257	788.10	0.003	190.1	0.0666
788.13	0.002	195.4	0.0213	788.13	0.003	190.1	0.0612
788.17	0.002	195.1	0.0186	788.17	0.001	189.7	0.0533
788.20	0.001	194.8	0.0142	788.20	-0.004	189.2	0.0453
788.23	-0.002	194.5	0.0098	788.23	-0.006	188.8	0.0382
788.27	-0.004	194.3	0.0071	788.27	-0.008	188.4	0.0302
788.30	-0.005	194	0.0027	788.30	-0.013	187.8	0.0302
788.35	-0.008	193.8	-0.0018	788.33	-0.015	187.5	0.0213
788.38	-0.008	193.6	-0.0027	788.37	-0.015	187.5	0.0151
788.42	-0.01	193.3	-0.0062	788.40	-0.016	187.1	0.0089
788.43	-0.013	193.1	-0.0062	788.43	-0.02	186.5	0.0027
788.47	-0.013	193.1	-0.0098	788.47	-0.022	186.1	-0.0018
788.50	-0.013	192.9	-0.0115	788.50	-0.022	185.8	-0.0062
788.53	-0.014	192.7	-0.0133	788.55	-0.025	185.4	-0.0107
788.57	-0.015	192.4	-0.0151	788.58	-0.026	185.1	-0.0133
788.60	-0.016	192.2	-0.0169	788.62	-0.026	184.8	-0.0151
788.63	-0.016	192.1	-0.0178	788.63	-0.027	184.5	-0.0151
788.67	-0.017	191.9	-0.0178	788.67	-0.028	184.3	-0.0178
788.70	-0.017	191.9	-0.0186	788.70	-0.028	184.3	-0.0195
788.73	-0.017	191.8	-0.0195	788.73	-0.029	184	-0.0213
788.77	-0.017	191.6	-0.0195	788.77	-0.029	183.9	-0.0213
788.80	-0.017	191.5	-0.0204	788.80	-0.029	183.7	-0.0213
788.83	-0.017	191.5	-0.0204	788.83	-0.028	183.6	-0.0213
788.87	-0.017	191.4	-0.0195	788.87	-0.028	183.5	-0.0213
788.90	-0.015	191.4	-0.0195	788.90	-0.026	183.5	-0.0213
788.93	-0.015	191.4	-0.0186	788.93	-0.025	183.5	-0.0195
788.97	-0.015	191.4	-0.0169	788.97	-0.025	183.4	-0.0178
789.00	-0.014	191.3	-0.016	789.00	-0.024	183.5	-0.0151
789.03	-0.012	191.4	-0.0142	789.03	-0.021	183.6	-0.0124
789.07	-0.012	191.4	-0.0124	789.07	-0.02	183.6	-0.0098
789.10	-0.01	191.5	-0.0098	789.10	-0.018	183.8	-0.0062
789.13	-0.007	191.6	-0.0098	789.13	-0.014	184	-0.0062
789.17	-0.006	191.6	-0.0071	789.17	-0.013	184	-0.0009
789.20	-0.006	191.7	-0.0053	789.20	-0.013	184.2	0.0027
789.23	-0.005	191.9	-0.0018	789.23	-0.01	184.5	0.0089
789.27	-0.002	192.1	0.0018	789.27	-0.006	184.8	0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
789.30	-0.001	192.2	0.0044	789.30	-0.004	185	0.0213
789.33	0.001	192.4	0.008	789.33	-0.002	185.4	0.0293
789.37	0.005	192.6	0.008	789.37	0.004	185.8	0.0293
789.40	0.005	192.6	0.0124	789.40	0.005	185.8	0.0373
789.43	0.005	192.8	0.0151	789.43	0.005	186.1	0.0444
789.47	0.007	193	0.0195	789.47	0.008	186.6	0.0524
789.50	0.012	193.3	0.0249	789.50	0.014	187.1	0.0612
789.53	0.011	193.5	0.0275	789.53	0.015	187.4	0.0666
789.57	0.013	193.8	0.032	789.57	0.017	187.9	0.0746
789.60	0.017	194.1	0.032	789.60	0.022	188.3	0.0746
789.63	0.017	194.1	0.0364	789.63	0.023	188.3	0.0834
789.67	0.017	194.3	0.0391	789.67	0.023	188.6	0.0888
789.70	0.02	194.5	0.0435	789.70	0.026	189.1	0.0959
789.73	0.022	194.8	0.0462	789.73	0.03	189.5	0.103
789.77	0.023	195	0.0479	789.77	0.031	189.9	0.1074
789.82	0.023	195.2	0.0506	789.80	0.032	190.3	0.1127
789.85	0.024	195.5	0.0515	789.83	0.036	190.7	0.1127
789.87	0.026	195.7	0.0541	789.87	0.036	190.7	0.1181
789.90	0.027	195.9	0.0559	789.90	0.036	191	0.1207
789.93	0.028	196.1	0.0559	789.93	0.037	191.3	0.1243
789.97	0.028	196.2	0.0577	789.97	0.039	191.6	0.1269
790.00	0.028	196.2	0.0586	790.02	0.04	191.8	0.1287
790.03	0.029	196.4	0.0595	790.05	0.04	192	0.1296
790.07	0.029	196.5	0.0604	790.07	0.04	192.2	0.1314
790.10	0.029	196.6	0.0604	790.10	0.04	192.4	0.1314
790.13	0.029	196.8	0.0604	790.13	0.04	192.6	0.1314
790.17	0.028	196.8	0.0604	790.17	0.04	192.7	0.1314
790.20	0.028	196.9	0.0604	790.20	0.04	192.7	0.1314
790.23	0.028	196.9	0.0604	790.23	0.04	192.8	0.1314
790.27	0.027	197	0.0586	790.27	0.038	192.9	0.1296
790.30	0.026	196.9	0.0577	790.30	0.036	192.9	0.1269
790.33	0.025	196.9	0.0559	790.33	0.035	192.9	0.1252
790.37	0.024	196.9	0.0541	790.37	0.033	192.8	0.1225
790.40	0.023	196.8	0.0541	790.40	0.03	192.7	0.1225
790.43	0.02	196.8	0.0524	790.43	0.029	192.7	0.1189
790.47	0.02	196.8	0.0497	790.47	0.029	192.6	0.1154
790.50	0.019	196.7	0.047	790.50	0.027	192.4	0.1101
790.53	0.017	196.6	0.0444	790.53	0.022	192.2	0.1056
790.57	0.015	196.4	0.0417	790.57	0.021	192	0.1003
790.60	0.014	196.3	0.0382	790.60	0.018	191.7	0.0932
790.63	0.012	196.1	0.0382	790.63	0.013	191.3	0.0932
790.67	0.009	195.9	0.0346	790.67	0.011	191.3	0.0861
790.70	0.009	195.9	0.032	790.70	0.011	191.1	0.0808
790.73	0.008	195.7	0.0275	790.73	0.009	190.7	0.0728
790.77	0.005	195.4	0.0231	790.77	0.003	190.2	0.0639
790.80	0.002	195.2	0.0195	790.80	0.002	189.9	0.0577
790.83	0.001	195	0.016	790.83	0	189.5	0.0497
790.87	-0.001	194.7	0.0115	790.87	-0.006	189	0.0497
790.90	-0.003	194.4	0.0115	790.90	-0.007	189	0.0408
790.93	-0.003	194.4	0.008	790.93	-0.007	188.6	0.0346
790.97	-0.004	194.2	0.0036	790.97	-0.009	188.2	0.0257
791.00	-0.006	193.9	0	791.00	-0.014	187.6	0.0186
791.03	-0.009	193.6	-0.0036	791.03	-0.016	187.2	0.0124
791.07	-0.01	193.4	-0.0062	791.07	-0.017	186.8	0.0071
791.10	-0.011	193.1	-0.0089	791.10	-0.02	186.3	0.0071
791.13	-0.013	192.9	-0.0089	791.13	-0.023	186	0.0009
791.17	-0.014	192.9	-0.0115	791.17	-0.023	186	-0.0044
791.20	-0.014	192.7	-0.0124	791.20	-0.023	185.6	-0.008
791.25	-0.016	192.3	-0.0151	791.23	-0.025	185.2	-0.0124
791.28	-0.016	192.3	-0.016	791.27	-0.027	184.9	-0.0151
791.32	-0.016	192.1	-0.0169	791.30	-0.027	184.6	-0.0178
791.33	-0.016	192	-0.0186	791.33	-0.028	184.3	-0.0178
791.37	-0.017	191.8	-0.0195	791.37	-0.029	184.1	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
791.40	-0.017	191.7	-0.0195	791.40	-0.029	184.1	-0.0213
791.43	-0.017	191.6	-0.0195	791.43	-0.029	183.9	-0.0213
791.47	-0.017	191.5	-0.0195	791.48	-0.028	183.6	-0.0222
791.50	-0.017	191.5	-0.0195	791.52	-0.028	183.6	-0.0222
791.53	-0.017	191.4	-0.0195	791.53	-0.028	183.5	-0.0222
791.57	-0.016	191.4	-0.0186	791.57	-0.027	183.4	-0.0204
791.60	-0.015	191.4	-0.0178	791.60	-0.026	183.4	-0.0195
791.63	-0.014	191.3	-0.0169	791.63	-0.025	183.4	-0.0169
791.67	-0.014	191.3	-0.0151	791.67	-0.023	183.5	-0.0142
791.70	-0.012	191.4	-0.0151	791.70	-0.02	183.6	-0.0142
791.73	-0.011	191.4	-0.0133	791.73	-0.019	183.6	-0.0115
791.77	-0.011	191.4	-0.0115	791.77	-0.019	183.6	-0.0089
791.80	-0.009	191.5	-0.0089	791.80	-0.017	183.9	-0.0044
791.83	-0.007	191.7	-0.0062	791.83	-0.013	184.1	0.0009
791.87	-0.005	191.8	-0.0036	791.87	-0.012	184.2	0.0053
791.90	-0.004	191.9	-0.0009	791.90	-0.009	184.6	0.0115
791.93	-0.001	192.1	-0.0009	791.93	-0.004	184.9	0.0115
791.97	0	192.3	0.0027	791.97	-0.003	184.9	0.0178
792.00	0	192.3	0.0053	792.00	-0.003	185.1	0.024
792.03	0.002	192.4	0.0098	792.03	0	185.6	0.0328
792.07	0.005	192.7	0.0142	792.07	0.005	186	0.0417
792.10	0.007	192.9	0.0169	792.10	0.007	186.2	0.0479
792.13	0.008	193.1	0.0204	792.13	0.01	186.7	0.0559
792.17	0.011	193.4	0.0204	792.17	0.015	187.2	0.0559
792.20	0.013	193.6	0.0257	792.20	0.016	187.2	0.0639
792.23	0.013	193.6	0.0302	792.23	0.016	187.5	0.0701
792.27	0.014	193.8	0.0337	792.27	0.019	188.1	0.0781
792.30	0.017	194.1	0.0373	792.30	0.023	188.5	0.0861
792.33	0.018	194.4	0.0399	792.33	0.025	188.8	0.0923
792.37	0.02	194.6	0.0435	792.37	0.027	189.3	0.0985
792.40	0.022	194.9	0.0435	792.40	0.031	189.7	0.0985
792.43	0.024	195.1	0.047	792.43	0.032	189.7	0.1056
792.47	0.024	195.1	0.0497	792.47	0.032	190.1	0.1101
792.50	0.024	195.3	0.0524	792.50	0.033	190.4	0.1145
792.53	0.026	195.6	0.0541	792.53	0.036	190.8	0.1198
792.57	0.027	195.8	0.0559	792.57	0.037	191.1	0.1225
792.60	0.027	196	0.0568	792.60	0.038	191.4	0.126
792.63	0.028	196.1	0.0586	792.63	0.04	191.7	0.126
792.67	0.028	196.3	0.0586	792.67	0.04	191.7	0.1287
792.72	0.029	196.5	0.0604	792.70	0.04	191.9	0.1296
792.75	0.029	196.6	0.0604	792.73	0.04	192.1	0.1314
792.77	0.029	196.7	0.0604	792.77	0.04	192.3	0.1314
792.80	0.028	196.7	0.0604	792.80	0.04	192.5	0.1314
792.83	0.028	196.8	0.0604	792.83	0.04	192.6	0.1314
792.87	0.028	196.9	0.0604	792.87	0.04	192.8	0.1314
792.90	0.028	196.9	0.0604	792.92	0.038	192.8	0.1305
792.93	0.027	196.9	0.0586	792.95	0.038	192.9	0.1287
792.97	0.026	196.9	0.0568	792.98	0.035	192.8	0.1287
793.00	0.024	196.9	0.0568	793.00	0.034	192.8	0.1269
793.03	0.023	196.9	0.055	793.03	0.034	192.8	0.1243
793.07	0.023	196.9	0.0533	793.07	0.032	192.8	0.1207
793.10	0.022	196.9	0.0515	793.10	0.029	192.6	0.1172
793.13	0.02	196.8	0.0497	793.13	0.027	192.5	0.1136
793.17	0.019	196.7	0.047	793.17	0.025	192.3	0.1083
793.20	0.017	196.5	0.0435	793.20	0.021	192.1	0.1083
793.23	0.014	196.3	0.0435	793.23	0.019	191.8	0.103
793.27	0.013	196.3	0.0399	793.27	0.019	191.8	0.0976
793.30	0.013	196.2	0.0373	793.30	0.017	191.6	0.0914
793.33	0.011	196	0.0337	793.33	0.012	191.2	0.0834
793.37	0.007	195.8	0.0293	793.37	0.01	190.9	0.0772
793.40	0.007	195.7	0.0257	793.40	0.008	190.6	0.0701
793.43	0.005	195.3	0.0222	793.43	0.003	190.1	0.0701
793.47	0.001	195.1	0.0222	793.47	0	189.7	0.0612

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
793.50	0.001	195.1	0.0178	793.50	0	189.7	0.0541
793.53	0.001	194.9	0.0142	793.53	-0.002	189.3	0.0462
793.57	-0.001	194.6	0.0107	793.57	-0.007	188.8	0.0382
793.60	-0.004	194.3	0.0062	793.60	-0.009	188.4	0.0311
793.63	-0.005	194.1	0.0036	793.63	-0.011	188	0.0231
793.67	-0.006	193.8	0	793.67	-0.015	187.4	0.0231
793.70	-0.01	193.5	0	793.70	-0.017	187.1	0.0151
793.73	-0.01	193.5	-0.0044	793.73	-0.017	187.1	0.0098
793.77	-0.01	193.3	-0.0062	793.77	-0.018	186.6	0.0044
793.80	-0.011	193.1	-0.0098	793.80	-0.021	186.1	-0.0018
793.83	-0.014	192.8	-0.0124	793.83	-0.023	185.8	-0.0053
793.87	-0.014	192.6	-0.0133	793.87	-0.024	185.4	-0.0098
793.90	-0.015	192.4	-0.016	793.90	-0.026	185.1	-0.0098
793.93	-0.016	192.2	-0.016	793.93	-0.027	184.7	-0.0142
793.97	-0.017	192.2	-0.0169	793.97	-0.027	184.7	-0.0169
794.00	-0.017	192	-0.0178	794.00	-0.028	184.5	-0.0186
794.03	-0.017	191.9	-0.0186	794.03	-0.028	184.2	-0.0195
794.07	-0.017	191.8	-0.0195	794.07	-0.029	184	-0.0204
794.10	-0.017	191.6	-0.0204	794.10	-0.029	183.8	-0.0213
794.15	-0.017	191.5	-0.0204	794.13	-0.029	183.7	-0.0213
794.18	-0.017	191.4	-0.0204	794.17	-0.028	183.5	-0.0222
794.22	-0.016	191.4	-0.0195	794.20	-0.028	183.5	-0.0222
794.23	-0.016	191.3	-0.0186	794.23	-0.027	183.5	-0.0204
794.27	-0.015	191.3	-0.0186	794.27	-0.026	183.5	-0.0186
794.30	-0.014	191.3	-0.0178	794.30	-0.024	183.5	-0.0169
794.33	-0.014	191.3	-0.016	794.33	-0.023	183.5	-0.0142
794.37	-0.013	191.3	-0.0142	794.38	-0.021	183.6	-0.0115
794.40	-0.011	191.4	-0.0124	794.42	-0.019	183.6	-0.0098
794.43	-0.01	191.5	-0.0107	794.43	-0.018	183.7	-0.0062
794.47	-0.009	191.5	-0.008	794.47	-0.016	184	-0.0018
794.50	-0.006	191.7	-0.008	794.50	-0.012	184.2	-0.0018
794.53	-0.005	191.8	-0.0053	794.53	-0.012	184.2	0.0036
794.57	-0.005	191.8	-0.0027	794.57	-0.01	184.4	0.0089
794.60	-0.003	191.9	0.0009	794.60	-0.007	184.8	0.0151
794.63	0	192.2	0.0044	794.63	-0.003	185.1	0.0222
794.67	0.001	192.4	0.0071	794.67	-0.002	185.3	0.0284
794.70	0.003	192.5	0.0115	794.70	0.001	185.7	0.0364
794.73	0.005	192.8	0.0115	794.73	0.007	186.1	0.0364
794.77	0.008	193	0.0151	794.77	0.008	186.1	0.0444
794.80	0.008	193	0.0186	794.80	0.008	186.4	0.0506
794.83	0.009	193.2	0.0231	794.83	0.011	187	0.0595
794.87	0.012	193.5	0.0284	794.87	0.016	187.4	0.0675
794.90	0.014	193.8	0.032	794.90	0.017	187.7	0.0737
794.93	0.015	193.9	0.0346	794.93	0.02	188.3	0.0817
794.97	0.017	194.3	0.0346	794.97	0.025	188.7	0.0817
795.00	0.02	194.5	0.0391	795.00	0.026	188.7	0.0897
795.03	0.02	194.5	0.0417	795.03	0.026	189	0.095
795.07	0.021	194.7	0.0453	795.07	0.028	189.5	0.1012
795.10	0.022	195	0.0479	795.10	0.032	189.9	0.1083
795.13	0.024	195.2	0.0506	795.13	0.032	190.2	0.1127
795.17	0.025	195.4	0.0524	795.17	0.034	190.6	0.1181
795.20	0.026	195.7	0.0541	795.20	0.037	191	0.1181
795.23	0.027	195.9	0.0541	795.23	0.037	191	0.1216
795.27	0.027	195.9	0.0568	795.27	0.037	191.2	0.1243
795.30	0.028	196	0.0577	795.30	0.038	191.5	0.1269
795.33	0.028	196.2	0.0595	795.33	0.04	191.8	0.1296
795.37	0.029	196.4	0.0595	795.37	0.04	192	0.1305
795.40	0.029	196.5	0.0595	795.40	0.04	192.2	0.1314
795.43	0.028	196.6	0.0604	795.43	0.04	192.4	0.1314
795.47	0.028	196.7	0.0604	795.47	0.04	192.4	0.1314
795.50	0.028	196.7	0.0604	795.50	0.04	192.5	0.1323
795.53	0.028	196.8	0.0604	795.53	0.04	192.7	0.1323
795.57	0.028	196.9	0.0604	795.57	0.039	192.8	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
795.62	0.026	196.9	0.0586	795.60	0.038	192.8	0.1296
795.65	0.026	196.9	0.0586	795.63	0.037	192.8	0.1269
795.67	0.026	196.9	0.0568	795.67	0.033	192.7	0.1269
795.70	0.023	196.9	0.0541	795.70	0.032	192.7	0.1243
795.73	0.023	196.9	0.0533	795.73	0.032	192.7	0.1216
795.77	0.022	196.8	0.0506	795.77	0.031	192.6	0.1181
795.80	0.019	196.7	0.0506	795.82	0.026	192.4	0.1127
795.83	0.018	196.7	0.0479	795.85	0.026	192.4	0.111
795.87	0.018	196.6	0.0453	795.88	0.024	192.2	0.1065
795.90	0.016	196.4	0.0417	795.90	0.019	191.9	0.1003
795.93	0.013	196.3	0.0391	795.93	0.018	191.7	0.0959
795.97	0.012	196.2	0.0364	795.97	0.016	191.4	0.0888
796.00	0.011	195.9	0.032	796.00	0.01	191	0.0888
796.03	0.007	195.7	0.032	796.03	0.009	191	0.0808
796.07	0.006	195.7	0.0284	796.07	0.009	190.7	0.0746
796.10	0.006	195.5	0.0249	796.10	0.006	190.3	0.0666
796.13	0.004	195.2	0.0204	796.13	0	189.8	0.0577
796.17	0.001	195	0.016	796.17	-0.001	189.5	0.0515
796.20	0	194.8	0.0133	796.20	-0.003	189.1	0.0435
796.23	-0.002	194.5	0.0089	796.23	-0.008	188.6	0.0435
796.27	-0.005	194.2	0.0089	796.27	-0.01	188.6	0.0355
796.30	-0.006	194.2	0.0044	796.30	-0.01	188.2	0.0293
796.33	-0.006	194	0.0018	796.33	-0.012	187.7	0.0204
796.37	-0.007	193.7	-0.0018	796.37	-0.017	187.2	0.0124
796.40	-0.01	193.4	-0.0053	796.40	-0.018	186.8	0.0071
796.43	-0.011	193.2	-0.008	796.43	-0.019	186.4	0.0027
796.47	-0.012	193	-0.0107	796.47	-0.023	185.9	0.0027
796.50	-0.014	192.7	-0.0107	796.50	-0.024	185.9	-0.0036
796.53	-0.015	192.5	-0.0133	796.53	-0.024	185.6	-0.0071
796.57	-0.015	192.5	-0.0151	796.57	-0.025	185.3	-0.0115
796.60	-0.015	192.3	-0.016	796.60	-0.027	184.9	-0.0151
796.63	-0.016	192.1	-0.0169	796.63	-0.028	184.6	-0.0169
796.67	-0.017	191.9	-0.0186	796.67	-0.028	184.3	-0.0186
796.70	-0.017	191.8	-0.0195	796.70	-0.028	184.1	-0.0186
796.73	-0.017	191.7	-0.0195	796.73	-0.029	183.9	-0.0204
796.77	-0.017	191.6	-0.0204	796.77	-0.029	183.9	-0.0213
796.80	-0.017	191.6	-0.0204	796.80	-0.029	183.7	-0.0213
796.83	-0.017	191.4	-0.0195	796.83	-0.029	183.6	-0.0213
796.87	-0.017	191.4	-0.0195	796.87	-0.028	183.5	-0.0213
796.90	-0.016	191.4	-0.0186	796.90	-0.027	183.4	-0.0195
796.93	-0.015	191.3	-0.0178	796.93	-0.025	183.5	-0.0195
796.97	-0.014	191.4	-0.0178	796.97	-0.024	183.5	-0.0178
797.00	-0.013	191.4	-0.016	797.00	-0.024	183.5	-0.016
797.03	-0.013	191.4	-0.0151	797.03	-0.023	183.5	-0.0133
797.08	-0.011	191.4	-0.0124	797.07	-0.02	183.7	-0.0098
797.12	-0.01	191.5	-0.0124	797.10	-0.017	183.8	-0.0071
797.13	-0.01	191.5	-0.0107	797.13	-0.016	183.9	-0.0018
797.17	-0.008	191.6	-0.0071	797.17	-0.013	184.2	-0.0018
797.20	-0.006	191.8	-0.0044	797.20	-0.01	184.4	0.0036
797.23	-0.004	191.9	-0.0009	797.23	-0.01	184.4	0.008
797.27	-0.002	192	0.0018	797.28	-0.005	184.9	0.0178
797.30	0	192.3	0.0053	797.32	-0.003	185.1	0.0178
797.33	0.002	192.4	0.0053	797.33	-0.003	185.1	0.0231
797.37	0.002	192.4	0.0089	797.37	0	185.4	0.0328
797.40	0.004	192.6	0.0133	797.40	0.004	186	0.0417
797.43	0.006	192.9	0.0169	797.43	0.008	186.3	0.0488
797.47	0.009	193.1	0.0204	797.47	0.009	186.6	0.055
797.50	0.01	193.3	0.0249	797.50	0.012	187.2	0.0621
797.53	0.012	193.6	0.0293	797.53	0.017	187.6	0.0621
797.57	0.015	193.8	0.0293	797.57	0.018	187.6	0.071
797.60	0.016	193.8	0.0328	797.60	0.018	187.9	0.0772
797.63	0.016	194.1	0.0364	797.63	0.021	188.4	0.0852
797.67	0.018	194.3	0.0399	797.67	0.025	188.8	0.0923

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
797.70	0.02	194.6	0.0435	797.70	0.027	189.2	0.0976
797.73	0.021	194.8	0.0462	797.73	0.029	189.6	0.1039
797.77	0.022	195	0.0479	797.77	0.033	190	0.1039
797.80	0.024	195.2	0.0479	797.80	0.033	190	0.111
797.83	0.025	195.2	0.0515	797.83	0.033	190.4	0.1145
797.87	0.025	195.5	0.0533	797.87	0.035	190.7	0.1189
797.90	0.026	195.7	0.055	797.90	0.038	191.1	0.1234
797.93	0.028	195.9	0.0577	797.93	0.038	191.3	0.1252
797.97	0.028	196.1	0.0577	797.97	0.039	191.6	0.1278
798.00	0.028	196.3	0.0595	798.00	0.04	191.9	0.1278
798.03	0.029	196.4	0.0595	798.03	0.04	191.9	0.1305
798.07	0.029	196.4	0.0604	798.07	0.04	192.1	0.1314
798.10	0.029	196.5	0.0604	798.10	0.04	192.3	0.1314
798.13	0.029	196.6	0.0604	798.13	0.04	192.4	0.1323
798.17	0.029	196.7	0.0604	798.17	0.04	192.6	0.1323
798.20	0.028	196.8	0.0604	798.20	0.04	192.7	0.1314
798.23	0.028	196.9	0.0586	798.23	0.039	192.8	0.1314
798.27	0.026	196.9	0.0586	798.27	0.037	192.8	0.1305
798.30	0.025	196.9	0.0577	798.30	0.037	192.8	0.1287
798.33	0.025	196.9	0.0568	798.33	0.036	192.8	0.126
798.37	0.024	196.9	0.055	798.37	0.032	192.7	0.1234
798.40	0.023	196.8	0.0533	798.40	0.031	192.7	0.1207
798.43	0.021	196.8	0.0506	798.43	0.03	192.6	0.1163
798.47	0.02	196.7	0.0479	798.47	0.025	192.3	0.1163
798.52	0.017	196.5	0.0453	798.50	0.024	192.3	0.1118
798.55	0.017	196.5	0.0444	798.53	0.024	192.2	0.1074
798.58	0.016	196.4	0.0399	798.57	0.022	192	0.1021
798.60	0.012	196.2	0.0399	798.60	0.017	191.7	0.0959
798.63	0.011	196.2	0.0373	798.63	0.015	191.4	0.0897
798.67	0.011	196	0.0346	798.67	0.013	191.2	0.0826
798.70	0.01	195.9	0.0311	798.70	0.008	190.7	0.0826
798.73	0.006	195.6	0.0257	798.75	0.007	190.4	0.0701
798.77	0.005	195.4	0.0231	798.78	0.005	190.1	0.063
798.80	0.004	195.1	0.0195	798.80	0	189.6	0.063
798.83	0	194.8	0.0195	798.83	-0.002	189.3	0.055
798.87	-0.001	194.6	0.0142	798.87	-0.002	189.3	0.0488
798.90	-0.001	194.6	0.0115	798.90	-0.005	188.9	0.0399
798.93	-0.002	194.4	0.008	798.93	-0.009	188.3	0.032
798.97	-0.006	194.1	0.0027	798.97	-0.012	187.9	0.024
799.00	-0.007	193.8	0	799.00	-0.013	187.6	0.0178
799.03	-0.008	193.6	-0.0036	799.03	-0.017	187	0.0178
799.07	-0.01	193.3	-0.0036	799.07	-0.019	186.6	0.0107
799.10	-0.012	193.1	-0.0071	799.10	-0.019	186.6	0.0053
799.13	-0.012	193.1	-0.0089	799.13	-0.02	186.2	0
799.17	-0.013	192.8	-0.0115	799.17	-0.023	185.7	-0.0053
799.20	-0.014	192.6	-0.0142	799.20	-0.024	185.4	-0.0089
799.23	-0.015	192.4	-0.0151	799.23	-0.026	185.1	-0.0124
799.27	-0.016	192.2	-0.0169	799.27	-0.027	184.7	-0.0124
799.30	-0.016	192	-0.0169	799.30	-0.028	184.4	-0.016
799.33	-0.017	191.9	-0.0186	799.33	-0.028	184.4	-0.0178
799.37	-0.017	191.9	-0.0195	799.37	-0.028	184.2	-0.0186
799.40	-0.017	191.7	-0.0195	799.40	-0.028	184	-0.0204
799.43	-0.017	191.6	-0.0195	799.43	-0.029	183.8	-0.0213
799.47	-0.017	191.5	-0.0195	799.47	-0.029	183.6	-0.0213
799.50	-0.017	191.4	-0.0195	799.50	-0.028	183.5	-0.0213
799.53	-0.017	191.4	-0.0195	799.53	-0.027	183.4	-0.0213
799.57	-0.015	191.3	-0.0195	799.57	-0.027	183.4	-0.0204
799.60	-0.015	191.3	-0.0186	799.60	-0.026	183.4	-0.0186
799.63	-0.015	191.3	-0.0178	799.63	-0.025	183.4	-0.0169
799.67	-0.014	191.3	-0.016	799.67	-0.023	183.5	-0.0142
799.70	-0.012	191.4	-0.0142	799.70	-0.022	183.5	-0.0115
799.73	-0.011	191.4	-0.0124	799.73	-0.019	183.7	-0.008
799.77	-0.01	191.5	-0.0107	799.77	-0.016	183.8	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
799.80	-0.007	191.6	-0.0107	799.80	-0.016	183.8	-0.0044
799.83	-0.007	191.6	-0.008	799.83	-0.015	184	0
799.87	-0.007	191.7	-0.0053	799.87	-0.012	184.3	0.0053
799.90	-0.005	191.9	-0.0018	799.90	-0.008	184.5	0.0107
799.93	-0.002	192	0.0018	799.93	-0.007	184.7	0.016
799.98	-0.001	192.2	0.0044	799.97	-0.004	185.1	0.0231
800.02	0	192.3	0.0062	800.00	0.001	185.5	0.0231
800.03	0.003	192.5	0.0098	800.03	0.003	185.5	0.032
800.07	0.004	192.7	0.0133	800.07	0.003	185.7	0.0382
800.10	0.006	192.9	0.0178	800.10	0.005	186.2	0.0462
800.13	0.01	193.2	0.0178	800.13	0.011	186.6	0.0541
800.17	0.011	193.2	0.0222	800.18	0.012	187	0.0604
800.20	0.011	193.4	0.0249	800.22	0.013	187.3	0.0648
800.23	0.012	193.7	0.0302	800.23	0.018	187.7	0.0728
800.27	0.016	193.9	0.0346	800.27	0.02	188.1	0.0799
800.30	0.017	194.1	0.0373	800.30	0.022	188.6	0.0879
800.33	0.018	194.4	0.0408	800.33	0.027	189	0.0879
800.37	0.021	194.6	0.0408	800.37	0.028	189	0.0959
800.40	0.022	194.6	0.0444	800.40	0.028	189.4	0.1003
800.43	0.022	194.9	0.047	800.43	0.029	189.8	0.1065
800.47	0.023	195.1	0.0488	800.47	0.034	190.2	0.1127
800.50	0.025	195.3	0.0524	800.50	0.034	190.5	0.1163
800.53	0.026	195.6	0.0541	800.53	0.035	190.9	0.1207
800.57	0.026	195.8	0.0559	800.57	0.038	191.2	0.1207
800.60	0.027	196	0.0559	800.60	0.038	191.2	0.1243
800.63	0.028	196.2	0.0577	800.63	0.038	191.5	0.1269
800.67	0.028	196.2	0.0586	800.67	0.039	191.8	0.1296
800.70	0.028	196.3	0.0586	800.70	0.04	192	0.1314
800.73	0.029	196.4	0.0595	800.73	0.04	192.2	0.1314
800.77	0.029	196.5	0.0604	800.77	0.04	192.4	0.1323
800.80	0.029	196.7	0.0604	800.80	0.04	192.5	0.1323
800.83	0.029	196.8	0.0604	800.83	0.04	192.5	0.1323
800.87	0.028	196.8	0.0604	800.87	0.04	192.6	0.1323
800.90	0.028	196.8	0.0604	800.90	0.04	192.8	0.1314
800.93	0.027	196.9	0.0586	800.93	0.037	192.8	0.1296
800.97	0.026	196.8	0.0568	800.97	0.036	192.8	0.1278
801.00	0.025	196.8	0.0559	801.00	0.035	192.8	0.1252
801.03	0.024	196.8	0.0541	801.03	0.032	192.7	0.1252
801.07	0.022	196.7	0.0541	801.07	0.03	192.7	0.1216
801.10	0.02	196.7	0.0515	801.10	0.03	192.6	0.1189
801.13	0.02	196.7	0.0497	801.13	0.029	192.5	0.1145
801.17	0.019	196.6	0.047	801.17	0.024	192.3	0.1101
801.20	0.017	196.4	0.0444	801.20	0.023	192.1	0.1056
801.23	0.015	196.3	0.0417	801.23	0.021	191.9	0.0994
801.27	0.014	196.2	0.0382	801.27	0.016	191.5	0.0994
801.30	0.012	196	0.0346	801.30	0.014	191.5	0.0932
801.33	0.009	195.8	0.0346	801.33	0.014	191.3	0.087
801.37	0.009	195.8	0.0311	801.37	0.012	191	0.079
801.42	0.006	195.4	0.0249	801.40	0.006	190.5	0.071
801.45	0.004	195.2	0.0249	801.43	0.004	190.2	0.0648
801.48	0.004	195.2	0.0222	801.47	0.002	189.8	0.0577
801.50	0.003	195	0.0169	801.50	-0.003	189.3	0.0577
801.53	0	194.7	0.0133	801.53	-0.005	188.9	0.0488
801.57	-0.003	194.4	0.0089	801.57	-0.005	188.9	0.0417
801.60	-0.004	194.2	0.0053	801.60	-0.007	188.5	0.0346
801.63	-0.005	193.9	0.0027	801.65	-0.012	187.7	0.0249
801.67	-0.008	193.7	0.0027	801.68	-0.012	187.7	0.0204
801.70	-0.009	193.7	-0.0018	801.70	-0.014	187.3	0.0142
801.73	-0.009	193.5	-0.0044	801.73	-0.018	186.7	0.008
801.77	-0.01	193.2	-0.0071	801.77	-0.02	186.3	0.0027
801.80	-0.012	192.9	-0.0098	801.80	-0.021	186	-0.0027
801.83	-0.014	192.7	-0.0124	801.83	-0.023	185.5	-0.0027
801.87	-0.014	192.5	-0.0142	801.87	-0.025	185.2	-0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
801.90	-0.016	192.3	-0.0142	801.90	-0.025	185.2	-0.0107
801.93	-0.016	192.3	-0.016	801.93	-0.026	184.9	-0.0133
801.97	-0.016	192.1	-0.0169	801.97	-0.027	184.6	-0.016
802.00	-0.016	191.9	-0.0186	802.00	-0.028	184.3	-0.0186
802.03	-0.017	191.8	-0.0195	802.03	-0.028	184.1	-0.0195
802.07	-0.017	191.6	-0.0195	802.07	-0.029	183.9	-0.0204
802.10	-0.017	191.5	-0.0195	802.10	-0.029	183.7	-0.0204
802.13	-0.017	191.4	-0.0195	802.13	-0.028	183.7	-0.0213
802.17	-0.017	191.4	-0.0195	802.17	-0.028	183.6	-0.0213
802.20	-0.017	191.4	-0.0195	802.20	-0.028	183.4	-0.0213
802.23	-0.016	191.3	-0.0186	802.23	-0.027	183.4	-0.0195
802.27	-0.015	191.3	-0.0178	802.27	-0.026	183.3	-0.0186
802.30	-0.014	191.3	-0.0169	802.30	-0.025	183.4	-0.016
802.33	-0.014	191.3	-0.0151	802.33	-0.022	183.5	-0.016
802.37	-0.012	191.3	-0.0151	802.37	-0.021	183.5	-0.0133
802.40	-0.011	191.3	-0.0133	802.40	-0.021	183.5	-0.0115
802.43	-0.011	191.4	-0.0115	802.43	-0.019	183.7	-0.0071
802.47	-0.009	191.5	-0.0089	802.47	-0.015	183.9	-0.0027
802.50	-0.007	191.6	-0.0062	802.50	-0.014	184	0.0009
802.53	-0.006	191.7	-0.0036	802.53	-0.012	184.3	0.0071
802.57	-0.004	191.8	-0.0009	802.57	-0.007	184.6	0.0071
802.60	-0.001	192.1	-0.0009	802.60	-0.005	184.6	0.0133
802.63	0	192.2	0.0027	802.63	-0.005	184.8	0.0186
802.67	0	192.2	0.0062	802.67	-0.003	185.2	0.0275
802.70	0.002	192.4	0.0098	802.70	0.003	185.6	0.0355
802.73	0.005	192.7	0.0142	802.73	0.004	185.9	0.0408
802.77	0.006	192.8	0.0169	802.77	0.006	186.3	0.0488
802.80	0.008	193	0.0213	802.80	0.012	186.8	0.0488
802.83	0.011	193.4	0.0213	802.83	0.013	186.8	0.0577
802.88	0.013	193.6	0.0302	802.87	0.013	187.1	0.0639
802.92	0.014	193.8	0.032	802.90	0.016	187.6	0.0719
802.93	0.016	194	0.032	802.93	0.021	188.1	0.0808
802.97	0.018	194.3	0.0355	802.97	0.022	188.4	0.0861
803.00	0.018	194.3	0.0391	803.00	0.024	188.9	0.0932
803.03	0.019	194.5	0.0426	803.03	0.029	189.3	0.0932
803.07	0.021	194.8	0.0453	803.08	0.03	189.7	0.1047
803.10	0.023	195	0.0479	803.12	0.031	190	0.1092
803.13	0.023	195.2	0.0506	803.15	0.034	190.4	0.1092
803.17	0.025	195.5	0.0533	803.17	0.035	190.4	0.1145
803.20	0.026	195.7	0.0533	803.20	0.035	190.7	0.1181
803.23	0.027	195.7	0.055	803.23	0.036	191	0.1225
803.27	0.027	195.9	0.0568	803.27	0.039	191.3	0.126
803.30	0.027	196.1	0.0577	803.30	0.039	191.6	0.1278
803.33	0.028	196.2	0.0586	803.33	0.039	191.8	0.1296
803.37	0.029	196.4	0.0595	803.37	0.04	192.1	0.1296
803.40	0.029	196.5	0.0604	803.40	0.041	192.1	0.1314
803.43	0.029	196.6	0.0604	803.43	0.041	192.3	0.1323
803.47	0.029	196.6	0.0604	803.47	0.04	192.4	0.1323
803.50	0.029	196.7	0.0604	803.50	0.04	192.6	0.1323
803.53	0.028	196.8	0.0604	803.53	0.04	192.7	0.1323
803.57	0.028	196.8	0.0595	803.57	0.039	192.8	0.1305
803.60	0.027	196.9	0.0586	803.60	0.037	192.8	0.1305
803.63	0.026	196.9	0.0568	803.63	0.035	192.8	0.1287
803.67	0.025	196.9	0.0568	803.67	0.035	192.8	0.1269
803.70	0.023	196.9	0.0559	803.70	0.034	192.8	0.1243
803.73	0.023	196.8	0.0541	803.73	0.032	192.6	0.1207
803.77	0.022	196.8	0.0515	803.77	0.029	192.5	0.1172
803.80	0.02	196.7	0.0497	803.80	0.027	192.4	0.1127
803.83	0.019	196.6	0.047	803.83	0.024	192.2	0.1127
803.87	0.017	196.4	0.0435	803.87	0.021	192	0.1083
803.90	0.014	196.3	0.0435	803.90	0.021	192	0.103
803.93	0.013	196.3	0.0408	803.93	0.02	191.8	0.0976
803.97	0.013	196.2	0.0382	803.97	0.016	191.4	0.0897

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
804.00	0.012	196	0.0337	804.00	0.012	191.1	0.0834
804.03	0.007	195.7	0.0293	804.03	0.01	190.8	0.0763
804.07	0.007	195.6	0.0257	804.07	0.006	190.3	0.0683
804.10	0.005	195.3	0.0222	804.10	0.002	190	0.0683
804.13	0.001	195	0.0222	804.13	0.002	190	0.0612
804.17	0.001	195	0.0178	804.17	0.001	189.6	0.0533
804.20	0.001	194.8	0.0142	804.20	-0.003	189.1	0.0453
804.23	-0.001	194.6	0.0107	804.23	-0.007	188.7	0.0373
804.27	-0.004	194.3	0.0062	804.27	-0.009	188.3	0.0302
804.30	-0.005	194	0.0036	804.30	-0.012	187.7	0.0222
804.35	-0.007	193.8	0.0009	804.33	-0.015	187.3	0.0222
804.38	-0.008	193.6	-0.0018	804.37	-0.015	187.3	0.0151
804.40	-0.009	193.4	-0.0044	804.40	-0.016	187	0.0098
804.43	-0.011	193.1	-0.008	804.43	-0.019	186.4	0.0036
804.47	-0.013	192.8	-0.008	804.47	-0.022	186	-0.0027
804.50	-0.014	192.6	-0.0107	804.50	-0.023	185.7	-0.0053
804.53	-0.014	192.6	-0.0124	804.55	-0.024	185.2	-0.0098
804.57	-0.014	192.4	-0.0151	804.58	-0.026	185	-0.0124
804.60	-0.016	192.2	-0.0169	804.60	-0.026	184.7	-0.0151
804.63	-0.016	192	-0.0178	804.63	-0.027	184.4	-0.0178
804.67	-0.017	191.9	-0.0186	804.67	-0.028	184.1	-0.0178
804.70	-0.017	191.7	-0.0186	804.70	-0.029	184.1	-0.0195
804.73	-0.017	191.6	-0.0195	804.73	-0.029	183.9	-0.0204
804.77	-0.017	191.6	-0.0195	804.77	-0.029	183.7	-0.0213
804.80	-0.017	191.5	-0.0204	804.80	-0.029	183.6	-0.0213
804.83	-0.017	191.4	-0.0195	804.83	-0.028	183.4	-0.0213
804.87	-0.016	191.3	-0.0195	804.87	-0.028	183.4	-0.0204
804.90	-0.016	191.3	-0.0186	804.90	-0.026	183.4	-0.0204
804.93	-0.015	191.3	-0.0178	804.93	-0.026	183.4	-0.0186
804.97	-0.014	191.3	-0.0178	804.97	-0.026	183.3	-0.0178
805.00	-0.013	191.3	-0.0169	805.00	-0.024	183.4	-0.0151
805.03	-0.013	191.3	-0.0151	805.03	-0.021	183.5	-0.0124
805.07	-0.012	191.3	-0.0133	805.07	-0.02	183.5	-0.0098
805.10	-0.01	191.4	-0.0107	805.10	-0.018	183.7	-0.0053
805.13	-0.009	191.5	-0.0089	805.13	-0.014	183.9	-0.0053
805.17	-0.007	191.6	-0.0062	805.17	-0.013	183.9	-0.0009
805.20	-0.004	191.8	-0.0062	805.20	-0.013	184	0.0036
805.23	-0.003	191.8	-0.0027	805.23	-0.011	184.4	0.0089
805.27	-0.003	191.9	0.0009	805.27	-0.005	184.7	0.016
805.30	-0.002	192.1	0.0044	805.30	-0.004	184.9	0.0222
805.33	0.002	192.3	0.008	805.33	-0.002	185.3	0.0302
805.37	0.003	192.5	0.0107	805.37	0.004	185.7	0.0302
805.40	0.004	192.7	0.0151	805.40	0.005	185.7	0.0382
805.43	0.008	193	0.0151	805.43	0.005	186	0.0444
805.47	0.009	193	0.0186	805.47	0.008	186.5	0.0533
805.50	0.009	193.1	0.0222	805.50	0.014	187	0.0612
805.53	0.011	193.4	0.0275	805.53	0.015	187.3	0.0675
805.57	0.014	193.7	0.0311	805.57	0.017	187.7	0.0754
805.60	0.015	193.9	0.0346	805.60	0.023	188.2	0.0754
805.63	0.017	194.1	0.0382	805.63	0.023	188.2	0.0834
805.67	0.02	194.4	0.0382	805.67	0.023	188.5	0.0897
805.70	0.02	194.4	0.0417	805.70	0.025	189	0.0968
805.73	0.02	194.6	0.0444	805.73	0.03	189.4	0.1039
805.78	0.023	195.1	0.0479	805.77	0.031	189.8	0.1083
805.82	0.024	195.1	0.0497	805.80	0.032	190.2	0.1136
805.83	0.024	195.3	0.0515	805.83	0.036	190.5	0.1136
805.87	0.025	195.5	0.0541	805.87	0.036	190.5	0.1181
805.90	0.027	195.8	0.0559	805.90	0.036	190.8	0.1216
805.93	0.027	196	0.0577	805.93	0.037	191.2	0.1252
805.97	0.028	196.1	0.0586	805.98	0.039	191.4	0.1278
806.00	0.028	196.3	0.0586	806.02	0.039	191.7	0.1287
806.03	0.029	196.4	0.0595	806.05	0.04	191.9	0.1305
806.07	0.029	196.4	0.0595	806.07	0.04	192.1	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
806.10	0.029	196.5	0.0604	806.10	0.04	192.3	0.1323
806.13	0.029	196.6	0.0604	806.13	0.04	192.5	0.1323
806.17	0.029	196.7	0.0604	806.17	0.04	192.6	0.1323
806.20	0.028	196.8	0.0604	806.20	0.04	192.7	0.1323
806.23	0.028	196.9	0.0595	806.23	0.04	192.7	0.1323
806.27	0.026	196.9	0.0595	806.27	0.039	192.8	0.1305
806.30	0.026	196.9	0.0577	806.30	0.036	192.7	0.1278
806.33	0.026	196.9	0.0568	806.33	0.034	192.7	0.1252
806.37	0.024	196.8	0.055	806.37	0.033	192.7	0.1225
806.40	0.022	196.8	0.0524	806.40	0.031	192.6	0.1198
806.43	0.022	196.8	0.0506	806.43	0.028	192.4	0.1198
806.47	0.02	196.6	0.0479	806.47	0.028	192.4	0.1154
806.50	0.017	196.5	0.0479	806.50	0.026	192.3	0.111
806.53	0.017	196.5	0.0453	806.53	0.023	192	0.1056
806.57	0.017	196.4	0.0426	806.57	0.02	191.8	0.1003
806.60	0.014	196.2	0.0391	806.60	0.018	191.7	0.095
806.63	0.012	196.1	0.0364	806.63	0.015	191.2	0.087
806.67	0.01	195.9	0.0328	806.67	0.01	190.9	0.087
806.70	0.008	195.6	0.0284	806.70	0.01	190.9	0.0799
806.73	0.005	195.4	0.0284	806.73	0.009	190.6	0.0737
806.77	0.005	195.4	0.024	806.77	0.005	190.1	0.0648
806.80	0.004	195.2	0.0213	806.80	0.001	189.7	0.0577
806.83	0.002	194.9	0.016	806.83	-0.001	189.4	0.0506
806.87	-0.001	194.7	0.0124	806.87	-0.004	188.9	0.0426
806.90	-0.002	194.5	0.0098	806.90	-0.008	188.5	0.0426
806.93	-0.004	194.1	0.0053	806.93	-0.008	188.5	0.0346
806.97	-0.006	193.9	0.0053	806.97	-0.009	188.1	0.0284
807.00	-0.007	193.9	0.0018	807.00	-0.013	187.5	0.0195
807.03	-0.007	193.7	-0.0009	807.03	-0.016	187.1	0.0124
807.07	-0.009	193.4	-0.0053	807.07	-0.017	186.7	0.0071
807.10	-0.012	193.1	-0.0089	807.10	-0.02	186.2	0.0018
807.13	-0.012	192.9	-0.0098	807.13	-0.023	185.8	0.0018
807.17	-0.013	192.7	-0.0124	807.17	-0.023	185.8	-0.0036
807.20	-0.015	192.4	-0.0124	807.20	-0.023	185.5	-0.008
807.25	-0.015	192.3	-0.016	807.23	-0.025	185.1	-0.0115
807.28	-0.016	192.1	-0.0169	807.27	-0.027	184.7	-0.0151
807.30	-0.017	191.9	-0.0169	807.30	-0.027	184.5	-0.0169
807.33	-0.017	191.9	-0.0186	807.33	-0.028	184.3	-0.0186
807.37	-0.017	191.8	-0.0186	807.37	-0.029	184	-0.0186
807.40	-0.017	191.6	-0.0195	807.40	-0.029	184	-0.0204
807.43	-0.017	191.5	-0.0204	807.45	-0.029	183.6	-0.0213
807.47	-0.017	191.4	-0.0204	807.48	-0.028	183.5	-0.0213
807.50	-0.017	191.4	-0.0195	807.50	-0.028	183.5	-0.0213
807.53	-0.016	191.3	-0.0195	807.53	-0.028	183.4	-0.0213
807.57	-0.015	191.3	-0.0186	807.57	-0.027	183.3	-0.0195
807.60	-0.015	191.3	-0.0178	807.60	-0.026	183.3	-0.0186
807.63	-0.015	191.2	-0.0178	807.63	-0.024	183.3	-0.0169
807.67	-0.014	191.3	-0.016	807.67	-0.023	183.3	-0.0142
807.70	-0.012	191.3	-0.0142	807.70	-0.02	183.5	-0.0142
807.73	-0.012	191.4	-0.0124	807.73	-0.019	183.5	-0.0107
807.77	-0.009	191.5	-0.0124	807.77	-0.019	183.6	-0.008
807.80	-0.008	191.5	-0.0098	807.80	-0.017	183.7	-0.0036
807.83	-0.008	191.5	-0.008	807.83	-0.013	184	0.0018
807.87	-0.007	191.7	-0.0044	807.87	-0.011	184.1	0.0053
807.90	-0.003	191.8	-0.0009	807.90	-0.009	184.3	0.0115
807.93	-0.002	192	0.0018	807.93	-0.005	184.8	0.0115
807.97	-0.001	192.2	0.0053	807.97	-0.002	185	0.0186
808.00	0.003	192.4	0.0053	808.00	-0.002	185	0.0249
808.03	0.004	192.4	0.0089	808.03	0	185.3	0.0328
808.07	0.004	192.5	0.0124	808.07	0.005	185.8	0.0417
808.10	0.005	192.8	0.016	808.10	0.007	186.2	0.0479
808.13	0.009	193.1	0.0213	808.13	0.009	186.5	0.0559
808.17	0.01	193.2	0.024	808.17	0.014	187.1	0.0559

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
808.20	0.012	193.5	0.0293	808.20	0.017	187.5	0.0648
808.23	0.015	193.8	0.0293	808.23	0.017	187.5	0.071
808.27	0.016	193.8	0.0328	808.27	0.018	187.8	0.0781
808.30	0.016	194	0.0364	808.30	0.022	188.3	0.0861
808.33	0.017	194.2	0.0399	808.33	0.025	188.7	0.0932
808.37	0.021	194.5	0.0435	808.37	0.027	189.1	0.0994
808.40	0.021	194.7	0.0453	808.40	0.03	189.6	0.0994
808.43	0.022	194.9	0.0488	808.43	0.033	190	0.1065
808.47	0.025	195.2	0.0488	808.47	0.033	190	0.1118
808.50	0.025	195.2	0.0515	808.50	0.033	190.3	0.1163
808.53	0.025	195.4	0.0533	808.53	0.036	190.7	0.1198
808.57	0.026	195.6	0.055	808.57	0.037	191	0.1234
808.60	0.027	195.9	0.0568	808.60	0.038	191.3	0.1269
808.63	0.028	196	0.0577	808.63	0.039	191.5	0.1287
808.68	0.028	196.2	0.0595	808.67	0.04	191.8	0.1287
808.72	0.029	196.3	0.0595	808.70	0.04	191.8	0.1305
808.75	0.029	196.5	0.0604	808.73	0.04	192	0.1314
808.77	0.029	196.6	0.0604	808.77	0.04	192.2	0.1323
808.80	0.029	196.7	0.0604	808.80	0.04	192.4	0.1323
808.83	0.028	196.8	0.0604	808.83	0.04	192.5	0.1323
808.87	0.028	196.8	0.0604	808.87	0.04	192.6	0.1323
808.90	0.028	196.8	0.0595	808.92	0.038	192.7	0.1314
808.93	0.027	196.8	0.0586	808.95	0.038	192.8	0.1305
808.97	0.025	196.8	0.0568	808.97	0.036	192.8	0.1278
809.00	0.025	196.9	0.0559	809.00	0.033	192.7	0.1278
809.03	0.024	196.8	0.0541	809.03	0.032	192.7	0.1252
809.07	0.022	196.8	0.0541	809.07	0.032	192.7	0.1225
809.10	0.021	196.8	0.0524	809.10	0.031	192.6	0.1189
809.13	0.021	196.7	0.0506	809.13	0.027	192.4	0.1145
809.17	0.02	196.6	0.0479	809.17	0.025	192.3	0.1101
809.20	0.017	196.4	0.0444	809.20	0.023	192	0.1047
809.23	0.016	196.3	0.0417	809.23	0.018	191.7	0.1047
809.27	0.014	196.1	0.0382	809.27	0.017	191.7	0.0985
809.30	0.01	196	0.0382	809.30	0.017	191.5	0.0941
809.33	0.01	196	0.0346	809.33	0.015	191.2	0.0861
809.37	0.01	195.8	0.032	809.37	0.009	190.8	0.0781
809.40	0.008	195.6	0.0284	809.40	0.007	190.5	0.0719
809.43	0.004	195.3	0.0231	809.43	0.005	190.1	0.0648
809.47	0.003	195.1	0.0195	809.47	0	189.6	0.0648
809.50	0.002	194.8	0.0151	809.50	-0.003	189.2	0.055
809.53	-0.002	194.6	0.0151	809.53	-0.003	189.2	0.0488
809.57	-0.003	194.6	0.0107	809.57	-0.004	188.9	0.0408
809.60	-0.003	194.4	0.008	809.60	-0.009	188.3	0.032
809.63	-0.004	194.1	0.0044	809.63	-0.011	187.9	0.0249
809.67	-0.007	193.8	0	809.67	-0.013	187.5	0.0178
809.70	-0.008	193.6	-0.0027	809.70	-0.017	187	0.0178
809.73	-0.01	193.3	-0.0062	809.73	-0.019	186.5	0.0107
809.77	-0.012	193	-0.0062	809.77	-0.019	186.5	0.0053
809.80	-0.013	193	-0.0089	809.80	-0.02	186.2	0.0009
809.83	-0.013	192.8	-0.0107	809.83	-0.023	185.7	-0.0053
809.87	-0.014	192.6	-0.0133	809.87	-0.025	185.3	-0.0089
809.90	-0.015	192.4	-0.0151	809.90	-0.025	185	-0.0115
809.93	-0.016	192.2	-0.0169	809.93	-0.027	184.7	-0.0115
809.97	-0.016	192	-0.0178	809.97	-0.028	184.4	-0.0151
810.00	-0.017	191.8	-0.0178	810.00	-0.028	184.4	-0.0178
810.03	-0.017	191.8	-0.0186	810.03	-0.028	184.2	-0.0186
810.07	-0.017	191.7	-0.0195	810.07	-0.029	183.9	-0.0204
810.10	-0.017	191.6	-0.0195	810.10	-0.029	183.7	-0.0213
810.15	-0.017	191.4	-0.0195	810.13	-0.029	183.6	-0.0213
810.18	-0.017	191.4	-0.0195	810.17	-0.028	183.5	-0.0213
810.20	-0.017	191.3	-0.0195	810.20	-0.027	183.4	-0.0213
810.23	-0.016	191.2	-0.0186	810.23	-0.026	183.4	-0.0204
810.27	-0.015	191.2	-0.0178	810.27	-0.026	183.3	-0.0186

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
810.30	-0.015	191.2	-0.0169	810.30	-0.025	183.4	-0.0169
810.33	-0.013	191.3	-0.0169	810.35	-0.022	183.4	-0.0142
810.37	-0.012	191.3	-0.0151	810.38	-0.022	183.4	-0.0124
810.40	-0.012	191.3	-0.0133	810.42	-0.021	183.5	-0.0098
810.43	-0.011	191.3	-0.0115	810.43	-0.017	183.7	-0.0062
810.47	-0.009	191.5	-0.0089	810.47	-0.016	183.8	-0.0027
810.50	-0.007	191.6	-0.0062	810.50	-0.014	184	0.0018
810.53	-0.006	191.7	-0.0027	810.53	-0.009	184.3	0.0018
810.57	-0.003	191.9	-0.0027	810.57	-0.008	184.3	0.008
810.60	-0.001	192.1	0.0009	810.60	-0.008	184.5	0.0133
810.63	-0.001	192.1	0.0036	810.63	-0.006	184.8	0.0204
810.67	0	192.2	0.0062	810.67	0	185.2	0.0293
810.70	0.002	192.4	0.0107	810.70	0.001	185.5	0.0355
810.73	0.005	192.7	0.0142	810.73	0.004	185.9	0.0426
810.77	0.006	192.8	0.0178	810.77	0.01	186.3	0.0426
810.80	0.009	193.1	0.0222	810.80	0.011	186.3	0.0515
810.83	0.012	193.3	0.0222	810.83	0.011	186.6	0.0577
810.87	0.013	193.3	0.0257	810.87	0.013	187.1	0.0657
810.90	0.013	193.5	0.0302	810.90	0.019	187.6	0.0746
810.93	0.015	193.8	0.0337	810.93	0.02	188	0.0808
810.97	0.017	194.1	0.0373	810.97	0.022	188.4	0.0879
811.00	0.018	194.3	0.0408	811.00	0.026	188.9	0.0879
811.03	0.02	194.6	0.0435	811.03	0.028	188.9	0.095
811.07	0.022	194.8	0.0435	811.07	0.028	189.2	0.1003
811.10	0.023	194.8	0.0479	811.10	0.029	189.6	0.1074
811.13	0.023	195	0.0497	811.13	0.033	190.1	0.1136
811.17	0.024	195.2	0.0524	811.17	0.035	190.4	0.1172
811.20	0.026	195.5	0.055	811.20	0.035	190.7	0.1207
811.23	0.026	195.7	0.0559	811.23	0.038	191.1	0.1207
811.27	0.027	195.9	0.0568	811.27	0.039	191.3	0.1252
811.30	0.028	196.1	0.0568	811.30	0.039	191.3	0.1278
811.33	0.028	196.1	0.0586	811.33	0.039	191.6	0.1296
811.37	0.028	196.2	0.0595	811.37	0.04	191.9	0.1314
811.40	0.029	196.4	0.0595	811.40	0.04	192.1	0.1323
811.43	0.029	196.5	0.0604	811.43	0.04	192.2	0.1323
811.47	0.028	196.6	0.0604	811.47	0.04	192.4	0.1323
811.50	0.028	196.7	0.0604	811.50	0.04	192.5	0.1323
811.53	0.028	196.8	0.0604	811.53	0.04	192.5	0.1323
811.58	0.028	196.8	0.0595	811.57	0.04	192.6	0.1323
811.62	0.027	196.9	0.0586	811.60	0.038	192.7	0.1305
811.65	0.026	196.8	0.0586	811.63	0.036	192.7	0.1287
811.67	0.024	196.8	0.0568	811.67	0.035	192.7	0.126
811.70	0.024	196.8	0.0559	811.70	0.033	192.6	0.1234
811.73	0.024	196.8	0.0541	811.73	0.03	192.5	0.1234
811.77	0.021	196.7	0.0515	811.77	0.029	192.5	0.1198
811.80	0.02	196.7	0.0497	811.82	0.026	192.3	0.1136
811.83	0.019	196.6	0.0462	811.85	0.024	192.2	0.1136
811.87	0.016	196.4	0.0462	811.87	0.022	192.2	0.1101
811.90	0.015	196.4	0.0435	811.90	0.022	192	0.1039
811.93	0.015	196.3	0.0408	811.93	0.02	191.6	0.0976
811.97	0.013	196.1	0.0373	811.97	0.014	191.3	0.0897
812.00	0.01	195.9	0.0337	812.00	0.013	191.1	0.0843
812.03	0.008	195.7	0.0311	812.03	0.01	190.6	0.0763
812.07	0.007	195.5	0.0257	812.07	0.004	190.2	0.0763
812.10	0.004	195.2	0.0257	812.10	0.003	190.2	0.0675
812.13	0.002	195	0.0213	812.13	0.003	189.9	0.0612
812.17	0.002	195	0.0178	812.17	0.001	189.4	0.0533
812.20	0.001	194.8	0.0133	812.20	-0.005	189	0.0444
812.23	-0.003	194.4	0.0098	812.23	-0.006	188.6	0.0391
812.27	-0.004	194.2	0.0062	812.27	-0.008	188.1	0.0311
812.30	-0.005	194	0.0027	812.30	-0.013	187.7	0.0311
812.33	-0.008	193.7	0.0027	812.33	-0.014	187.7	0.0222
812.37	-0.009	193.4	-0.0009	812.37	-0.014	187.3	0.016

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
812.40	-0.009	193.4	-0.0036	812.40	-0.016	186.7	0.0098
812.43	-0.001	193.2	-0.0071	812.43	-0.021	186.3	0.0027
812.47	-0.012	192.9	-0.0098	812.47	-0.021	186	-0.0009
812.50	-0.014	192.7	-0.0115	812.50	-0.023	185.6	-0.0062
812.53	-0.014	192.5	-0.0133	812.53	-0.025	185.2	-0.0062
812.57	-0.015	192.3	-0.0133	812.57	-0.026	185.2	-0.0107
812.60	-0.016	192.1	-0.0151	812.60	-0.026	184.9	-0.0124
812.63	-0.016	192.1	-0.0178	812.63	-0.027	184.6	-0.016
812.67	-0.017	191.9	-0.0186	812.67	-0.028	184.3	-0.0186
812.70	-0.017	191.8	-0.0186	812.70	-0.029	184	-0.0195
812.73	-0.017	191.6	-0.0195	812.73	-0.029	183.8	-0.0204
812.77	-0.017	191.5	-0.0195	812.77	-0.028	183.7	-0.0204
812.80	-0.017	191.4	-0.0195	812.80	-0.028	183.7	-0.0204
812.83	-0.017	191.3	-0.0195	812.83	-0.028	183.5	-0.0204
812.87	-0.017	191.3	-0.0195	812.87	-0.028	183.4	-0.0204
812.90	-0.016	191.3	-0.0186	812.90	-0.027	183.3	-0.0195
812.93	-0.016	191.3	-0.0178	812.93	-0.026	183.3	-0.0178
812.97	-0.014	191.3	-0.0169	812.97	-0.025	183.3	-0.016
813.00	-0.013	191.2	-0.0151	813.00	-0.022	183.4	-0.016
813.05	-0.012	191.3	-0.0142	813.03	-0.02	183.5	-0.0133
813.08	-0.012	191.3	-0.0124	813.07	-0.02	183.5	-0.0107
813.10	-0.01	191.4	-0.0098	813.10	-0.019	183.5	-0.0071
813.13	-0.008	191.5	-0.0098	813.13	-0.016	183.8	-0.0027
813.17	-0.006	191.6	-0.0071	813.17	-0.013	184	0.0018
813.20	-0.006	191.6	-0.0053	813.20	-0.012	184.1	0.0071
813.23	-0.005	191.7	-0.0018	813.25	-0.008	184.5	0.0133
813.27	-0.003	192	0.0018	813.28	-0.006	184.7	0.0169
813.30	0	192.1	0.0053	813.32	-0.004	184.9	0.0231
813.33	0.001	192.2	0.0089	813.33	0	185.4	0.032
813.37	0.003	192.5	0.0124	813.37	0.004	185.7	0.032
813.40	0.006	192.7	0.0124	813.40	0.004	185.7	0.0391
813.43	0.006	192.7	0.016	813.43	0.005	186	0.0462
813.47	0.007	192.9	0.0195	813.47	0.009	186.5	0.0541
813.50	0.01	193.2	0.0231	813.50	0.013	186.9	0.0621
813.53	0.012	193.5	0.0284	813.53	0.015	187.2	0.0692
813.57	0.013	193.6	0.032	813.57	0.018	187.8	0.0772
813.60	0.015	193.9	0.0355	813.60	0.022	188.2	0.0772
813.63	0.019	194.2	0.0355	813.63	0.023	188.2	0.0843
813.67	0.019	194.2	0.0399	813.67	0.023	188.5	0.0897
813.70	0.019	194.4	0.0417	813.70	0.026	189	0.0968
813.73	0.02	194.7	0.0453	813.73	0.03	189.4	0.1039
813.77	0.023	194.9	0.0488	813.77	0.031	189.8	0.1092
813.80	0.024	195.1	0.0506	813.80	0.033	190.2	0.1145
813.83	0.024	195.4	0.0533	813.83	0.036	190.5	0.1145
813.87	0.026	195.6	0.0533	813.87	0.036	190.5	0.1189
813.90	0.027	195.6	0.055	813.90	0.036	190.8	0.1225
813.93	0.027	195.8	0.0568	813.93	0.037	191.2	0.126
813.97	0.027	196	0.0577	813.97	0.039	191.5	0.1287
814.00	0.028	196.1	0.0595	814.00	0.039	191.7	0.1296
814.03	0.029	196.3	0.0604	814.03	0.04	191.9	0.1314
814.07	0.029	196.4	0.0604	814.07	0.04	192.1	0.1314
814.10	0.029	196.5	0.0604	814.10	0.04	192.1	0.1323
814.13	0.029	196.5	0.0604	814.13	0.04	192.3	0.1331
814.17	0.029	196.6	0.0604	814.17	0.04	192.4	0.1331
814.20	0.028	196.7	0.0604	814.20	0.04	192.6	0.1331
814.23	0.028	196.8	0.0595	814.23	0.039	192.7	0.1323
814.27	0.027	196.8	0.0586	814.27	0.038	192.7	0.1296
814.30	0.026	196.8	0.0568	814.30	0.035	192.7	0.1296
814.33	0.024	196.8	0.0568	814.33	0.034	192.7	0.1269
814.37	0.023	196.8	0.055	814.37	0.034	192.7	0.1252
814.40	0.023	196.7	0.0541	814.40	0.033	192.5	0.1216
814.43	0.023	196.7	0.0524	814.43	0.029	192.4	0.1181
814.47	0.02	196.6	0.0497	814.47	0.027	192.3	0.1145

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
814.52	0.019	196.5	0.047	814.50	0.025	192.1	0.1101
814.55	0.018	196.5	0.0453	814.53	0.021	191.9	0.1101
814.57	0.015	196.3	0.0426	814.57	0.019	191.9	0.1039
814.60	0.014	196.2	0.0399	814.60	0.019	191.7	0.0985
814.63	0.012	196	0.0355	814.63	0.017	191.4	0.0923
814.67	0.009	195.8	0.0355	814.67	0.012	191	0.0843
814.70	0.007	195.8	0.032	814.72	0.01	190.7	0.0781
814.73	0.007	195.6	0.0293	814.75	0.009	190.4	0.0737
814.77	0.006	195.4	0.024	814.77	0.004	190	0.0657
814.80	0.002	195.1	0.0195	814.80	0.002	189.7	0.0595
814.83	0.001	194.9	0.0169	814.83	-0.001	189.2	0.0497
814.87	0	194.6	0.0124	814.87	-0.006	188.8	0.0497
814.90	-0.004	194.3	0.0124	814.90	-0.007	188.8	0.0417
814.93	-0.005	194.1	0.008	814.93	-0.007	188.4	0.0355
814.97	-0.005	194.1	0.0053	814.97	-0.009	187.9	0.0275
815.00	-0.006	193.8	0.0018	815.00	-0.015	187.4	0.0186
815.03	-0.009	193.5	-0.0027	815.03	-0.015	187.1	0.0142
815.07	-0.01	193.3	-0.0053	815.07	-0.017	186.5	0.0071
815.10	-0.011	193.1	-0.008	815.10	-0.021	186.1	0.0071
815.13	-0.013	192.8	-0.008	815.13	-0.022	186.1	0.0009
815.17	-0.014	192.6	-0.0107	815.17	-0.022	185.8	-0.0027
815.20	-0.014	192.6	-0.0124	815.20	-0.023	185.3	-0.008
815.23	-0.014	192.4	-0.0151	815.23	-0.026	185	-0.0115
815.27	-0.016	192.2	-0.0169	815.27	-0.027	184.7	-0.0142
815.30	-0.017	192	-0.0178	815.30	-0.027	184.4	-0.016
815.33	-0.017	191.8	-0.0186	815.33	-0.028	184.2	-0.016
815.37	-0.017	191.7	-0.0186	815.37	-0.029	184.2	-0.0186
815.40	-0.017	191.6	-0.0195	815.40	-0.029	183.9	-0.0195
815.43	-0.017	191.6	-0.0195	815.43	-0.029	183.7	-0.0204
815.47	-0.017	191.5	-0.0195	815.47	-0.029	183.6	-0.0204
815.50	-0.017	191.4	-0.0195	815.50	-0.028	183.4	-0.0204
815.53	-0.016	191.3	-0.0195	815.53	-0.028	183.3	-0.0195
815.57	-0.016	191.2	-0.0186	815.57	-0.027	183.3	-0.0195
815.60	-0.015	191.2	-0.0169	815.60	-0.025	183.3	-0.0186
815.63	-0.014	191.2	-0.0169	815.63	-0.025	183.3	-0.0169
815.67	-0.014	191.2	-0.016	815.67	-0.024	183.3	-0.0142
815.70	-0.013	191.2	-0.0142	815.70	-0.022	183.4	-0.0115
815.73	-0.012	191.3	-0.0124	815.73	-0.019	183.5	-0.0089
815.77	-0.01	191.4	-0.0107	815.77	-0.018	183.6	-0.0044
815.80	-0.009	191.5	-0.008	815.80	-0.015	183.9	-0.0044
815.83	-0.007	191.6	-0.0053	815.83	-0.012	184	0
815.87	-0.005	191.8	-0.0053	815.87	-0.012	184	0.0044
815.90	-0.003	191.8	-0.0027	815.90	-0.01	184.2	0.0098
815.95	-0.002	192	0.0027	815.93	-0.006	184.6	0.0169
815.98	0	192.2	0.0027	815.97	-0.003	184.9	0.0222
816.02	0.002	192.2	0.0053	816.00	-0.001	185.2	0.0302
816.03	0.002	192.3	0.0089	816.03	0.003	185.7	0.0302
816.07	0.003	192.6	0.0133	816.07	0.006	186	0.0382
816.10	0.007	192.8	0.0178	816.10	0.006	186	0.0453
816.13	0.008	193	0.0213	816.15	0.011	186.7	0.0533
816.17	0.01	193.3	0.0257	816.18	0.014	187.1	0.0577
816.20	0.014	193.5	0.0257	816.22	0.014	187.1	0.0639
816.23	0.014	193.5	0.0302	816.23	0.016	187.4	0.0719
816.27	0.014	193.7	0.0328	816.27	0.02	188	0.0808
816.30	0.015	194	0.0364	816.30	0.023	188.4	0.0879
816.33	0.019	194.3	0.0408	816.33	0.025	188.8	0.095
816.37	0.02	194.5	0.0435	816.37	0.028	189.2	0.1021
816.40	0.021	194.7	0.047	816.40	0.031	189.6	0.1021
816.43	0.024	195	0.047	816.43	0.031	189.6	0.1074
816.47	0.024	195	0.0497	816.47	0.032	190	0.1118
816.50	0.024	195.2	0.0515	816.50	0.034	190.4	0.1172
816.53	0.025	195.5	0.0533	816.53	0.036	190.7	0.1216
816.57	0.027	195.7	0.0559	816.57	0.037	191	0.1243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
816.60	0.027	195.9	0.0568	816.60	0.038	191.3	0.1278
816.63	0.028	196	0.0586	816.63	0.04	191.6	0.1278
816.67	0.029	196.2	0.0586	816.67	0.04	191.6	0.1296
816.70	0.029	196.2	0.0595	816.70	0.04	191.8	0.1314
816.73	0.029	196.3	0.0604	816.73	0.04	192	0.1323
816.77	0.029	196.5	0.0604	816.77	0.04	192.2	0.1331
816.80	0.028	196.6	0.0604	816.80	0.04	192.4	0.1331
816.83	0.029	196.7	0.0604	816.83	0.04	192.5	0.1331
816.87	0.028	196.8	0.0604	816.87	0.04	192.6	0.1331
816.90	0.028	196.8	0.0604	816.90	0.039	192.6	0.1331
816.93	0.027	196.8	0.0595	816.93	0.039	192.7	0.1323
816.97	0.027	196.8	0.0586	816.97	0.037	192.7	0.1296
817.00	0.026	196.8	0.0568	817.00	0.034	192.7	0.1269
817.03	0.024	196.8	0.055	817.03	0.033	192.6	0.1243
817.07	0.023	196.7	0.0533	817.07	0.031	192.5	0.1207
817.10	0.022	196.7	0.0506	817.10	0.027	192.4	0.1207
817.13	0.019	196.5	0.0506	817.13	0.026	192.4	0.1163
817.17	0.018	196.5	0.0479	817.17	0.026	192.3	0.1127
817.20	0.018	196.5	0.0462	817.20	0.024	192.1	0.1074
817.23	0.017	196.3	0.0426	817.23	0.02	191.8	0.1021
817.27	0.013	196.1	0.0391	817.27	0.018	191.6	0.0968
817.30	0.012	196	0.0364	817.30	0.016	191.3	0.0897
817.33	0.011	195.9	0.0328	817.33	0.011	190.9	0.0897
817.37	0.007	195.6	0.0328	817.37	0.008	190.6	0.0817
817.42	0.006	195.4	0.0257	817.40	0.008	190.6	0.0754
817.45	0.005	195.2	0.0231	817.43	0.006	190.3	0.0675
817.47	0.002	195	0.0231	817.47	0.001	189.8	0.0595
817.50	0	194.7	0.0186	817.50	-0.001	189.4	0.0524
817.53	0	194.7	0.0151	817.53	-0.003	189	0.0444
817.57	-0.001	194.5	0.0115	817.57	-0.008	188.4	0.0444
817.60	-0.004	194.2	0.0071	817.62	-0.01	188.1	0.0302
817.63	-0.005	193.9	0.0044	817.65	-0.011	187.8	0.0249
817.67	-0.006	193.7	0	817.67	-0.014	187.3	0.0249
817.70	-0.01	193.4	0	817.70	-0.017	186.8	0.0178
817.73	-0.011	193.2	-0.0044	817.73	-0.017	186.8	0.0115
817.77	-0.011	193.2	-0.0062	817.77	-0.018	186.4	0.0053
817.80	-0.011	192.9	-0.0089	817.80	-0.021	185.9	-0.0009
817.83	-0.014	192.7	-0.0115	817.83	-0.023	185.6	-0.0044
817.87	-0.014	192.5	-0.0133	817.87	-0.024	185.3	-0.0089
817.90	-0.015	192.3	-0.0142	817.90	-0.026	184.8	-0.0089
817.93	-0.016	192.1	-0.0142	817.93	-0.027	184.5	-0.0133
817.97	-0.017	191.9	-0.0169	817.97	-0.027	184.5	-0.0151
818.00	-0.017	191.9	-0.0186	818.00	-0.028	184.3	-0.0169
818.03	-0.017	191.8	-0.0186	818.03	-0.028	184	-0.0186
818.07	-0.017	191.6	-0.0186	818.07	-0.029	183.8	-0.0195
818.10	-0.017	191.5	-0.0195	818.10	-0.029	183.6	-0.0204
818.13	-0.017	191.4	-0.0195	818.13	-0.029	183.5	-0.0204
818.17	-0.017	191.3	-0.0195	818.17	-0.028	183.4	-0.0204
818.20	-0.016	191.3	-0.0195	818.20	-0.027	183.4	-0.0204
818.23	-0.016	191.3	-0.0186	818.23	-0.027	183.3	-0.0195
818.27	-0.015	191.2	-0.0178	818.27	-0.026	183.3	-0.0178
818.30	-0.014	191.2	-0.016	818.30	-0.024	183.3	-0.016
818.33	-0.013	191.2	-0.0151	818.33	-0.023	183.3	-0.0142
818.37	-0.013	191.3	-0.0133	818.37	-0.022	183.4	-0.0107
818.40	-0.011	191.4	-0.0133	818.40	-0.018	183.6	-0.0107
818.43	-0.009	191.4	-0.0115	818.43	-0.017	183.6	-0.0071
818.47	-0.009	191.4	-0.0098	818.47	-0.017	183.7	-0.0036
818.50	-0.008	191.5	-0.0071	818.50	-0.015	183.9	0.0009
818.53	-0.006	191.7	-0.0044	818.53	-0.011	184.1	0.0062
818.57	-0.004	191.8	-0.0009	818.57	-0.009	184.3	0.0115
818.60	-0.002	191.9	0.0027	818.60	-0.007	184.7	0.0178
818.63	0.001	192.2	0.0027	818.63	-0.002	185	0.0178
818.67	0.002	192.3	0.0062	818.67	0	185	0.0257

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
818.70	0.002	192.3	0.0089	818.70	0	185.3	0.0328
818.73	0.003	192.5	0.0133	818.73	0.003	185.8	0.0408
818.77	0.006	192.8	0.0169	818.77	0.008	186.1	0.0488
818.80	0.009	193	0.0213	818.80	0.01	186.5	0.0559
818.85	0.01	193.2	0.0249	818.83	0.012	187	0.0639
818.88	0.011	193.4	0.0275	818.87	0.017	187.4	0.0639
818.92	0.014	193.7	0.0311	818.90	0.019	187.4	0.0719
818.93	0.015	193.9	0.0355	818.93	0.019	187.8	0.0781
818.97	0.017	194.2	0.0391	818.97	0.021	188.3	0.0852
819.00	0.02	194.4	0.0391	819.00	0.026	188.7	0.0932
819.03	0.021	194.4	0.0417	819.03	0.026	189	0.0994
819.07	0.021	194.6	0.0453	819.08	0.029	189.5	0.1056
819.10	0.022	194.8	0.0479	819.12	0.032	189.8	0.1101
819.13	0.024	195.1	0.0497	819.13	0.033	190.1	0.1136
819.17	0.024	195.3	0.0524	819.17	0.034	190.5	0.1181
819.20	0.025	195.6	0.055	819.20	0.037	190.9	0.1181
819.23	0.027	195.8	0.055	819.23	0.038	190.9	0.1225
819.27	0.028	195.8	0.0568	819.27	0.038	191.2	0.1252
819.30	0.028	196	0.0577	819.30	0.038	191.4	0.1278
819.33	0.028	196.1	0.0595	819.33	0.04	191.7	0.1305
819.37	0.029	196.3	0.0595	819.37	0.04	191.9	0.1323
819.40	0.029	196.4	0.0604	819.40	0.04	192.1	0.1331
819.43	0.029	196.5	0.0604	819.43	0.04	192.3	0.1331
819.47	0.029	196.6	0.0604	819.47	0.04	192.3	0.1331
819.50	0.028	196.6	0.0604	819.50	0.04	192.4	0.1331
819.53	0.028	196.7	0.0604	819.53	0.04	192.6	0.1331
819.57	0.028	196.8	0.0595	819.57	0.039	192.7	0.1331
819.60	0.027	196.8	0.0586	819.60	0.038	192.7	0.1305
819.63	0.026	196.8	0.0577	819.63	0.036	192.7	0.1278
819.67	0.025	196.8	0.0559	819.67	0.034	192.6	0.1278
819.70	0.023	196.7	0.0559	819.70	0.032	192.6	0.1252
819.73	0.022	196.7	0.0541	819.73	0.032	192.6	0.1234
819.77	0.022	196.7	0.0524	819.77	0.031	192.5	0.1189
819.80	0.021	196.6	0.0497	819.80	0.026	192.3	0.1145
819.83	0.018	196.5	0.047	819.83	0.025	192.2	0.111
819.87	0.017	196.4	0.0444	819.87	0.023	192	0.1047
819.90	0.016	196.2	0.0417	819.90	0.019	191.7	0.1047
819.93	0.012	196	0.0417	819.93	0.016	191.4	0.0994
819.97	0.011	196	0.0373	819.97	0.016	191.4	0.0941
820.00	0.011	195.9	0.0346	820.00	0.014	191.2	0.087
820.03	0.01	195.7	0.0311	820.03	0.009	190.7	0.079
820.07	0.006	195.5	0.0257	820.07	0.007	190.4	0.0728
820.10	0.005	195.3	0.0231	820.10	0.005	190.1	0.0648
820.13	0.004	195	0.0186	820.13	0	189.6	0.0648
820.17	-0.001	194.7	0.0186	820.17	-0.003	189.2	0.0559
820.20	-0.001	194.7	0.0142	820.20	-0.003	189.2	0.0488
820.23	-0.001	194.5	0.0115	820.23	-0.005	188.8	0.0417
820.27	-0.003	194.2	0.0071	820.27	-0.009	188.3	0.0337
820.32	-0.006	193.9	0.0027	820.30	-0.011	187.9	0.0275
820.35	-0.006	193.8	0.0009	820.33	-0.013	187.5	0.0186
820.37	-0.008	193.5	-0.0027	820.37	-0.017	186.8	0.0186
820.40	-0.011	193.2	-0.0053	820.40	-0.019	186.4	0.0115
820.43	-0.011	193	-0.008	820.43	-0.019	186.4	0.0053
820.47	-0.012	192.8	-0.0107	820.47	-0.02	186.1	0
820.50	-0.014	192.5	-0.0107	820.52	-0.024	185.3	-0.0044
820.53	-0.014	192.5	-0.0124	820.55	-0.024	185.3	-0.0071
820.57	-0.014	192.3	-0.0133	820.58	-0.025	185	-0.0107
820.60	-0.015	192.1	-0.016	820.60	-0.026	184.7	-0.0142
820.63	-0.017	191.9	-0.0178	820.63	-0.028	184.4	-0.0169
820.67	-0.017	191.8	-0.0186	820.67	-0.028	184.1	-0.0178
820.70	-0.017	191.7	-0.0186	820.70	-0.029	183.9	-0.0195
820.73	-0.017	191.5	-0.0186	820.73	-0.029	183.7	-0.0195
820.77	-0.017	191.5	-0.0195	820.77	-0.029	183.7	-0.0204

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
820.80	-0.017	191.4	-0.0195	820.80	-0.029	183.5	-0.0204
820.83	-0.017	191.3	-0.0195	820.83	-0.028	183.4	-0.0204
820.87	-0.016	191.3	-0.0195	820.87	-0.028	183.3	-0.0204
820.90	-0.016	191.2	-0.0186	820.90	-0.027	183.2	-0.0186
820.93	-0.015	191.2	-0.0178	820.93	-0.026	183.3	-0.0169
820.97	-0.014	191.2	-0.0178	820.97	-0.023	183.3	-0.0169
821.00	-0.013	191.2	-0.016	821.00	-0.022	183.3	-0.0151
821.03	-0.013	191.2	-0.0142	821.03	-0.022	183.3	-0.0124
821.07	-0.012	191.3	-0.0133	821.07	-0.021	183.5	-0.0089
821.10	-0.01	191.4	-0.0107	821.10	-0.017	183.6	-0.0053
821.13	-0.009	191.4	-0.0089	821.13	-0.016	183.7	-0.0018
821.17	-0.007	191.6	-0.0053	821.17	-0.014	184	0.0036
821.20	-0.004	191.7	-0.0053	821.20	-0.009	184.2	0.0036
821.23	-0.003	191.7	-0.0018	821.23	-0.008	184.2	0.0089
821.27	-0.003	191.8	0.0009	821.27	-0.008	184.4	0.0142
821.30	-0.002	192	0.0044	821.30	-0.005	184.8	0.0213
821.33	0.002	192.2	0.008	821.33	0	185.2	0.0302
821.37	0.003	192.4	0.0107	821.37	0.001	185.5	0.0364
821.40	0.004	192.6	0.0151	821.40	0.004	185.9	0.0435
821.43	0.008	192.9	0.0151	821.43	0.01	186.3	0.0435
821.47	0.01	192.9	0.0195	821.47	0.011	186.3	0.0524
821.50	0.01	193.1	0.0231	821.50	0.011	186.6	0.0586
821.53	0.011	193.3	0.0257	821.53	0.013	187.2	0.0666
821.57	0.014	193.6	0.0311	821.57	0.019	187.6	0.0754
821.60	0.015	193.8	0.0346	821.60	0.02	187.9	0.0817
821.63	0.016	194	0.0382	821.63	0.022	188.4	0.0888
821.67	0.02	194.3	0.0382	821.67	0.027	188.9	0.0888
821.70	0.021	194.3	0.0426	821.70	0.028	188.9	0.0968
821.73	0.021	194.5	0.0453	821.73	0.028	189.2	0.1021
821.78	0.023	195	0.0479	821.77	0.03	189.7	0.1083
821.82	0.024	195.2	0.0497	821.80	0.034	190.1	0.1145
821.83	0.024	195.2	0.0515	821.83	0.034	190.4	0.1181
821.87	0.025	195.4	0.0541	821.87	0.036	190.7	0.1216
821.90	0.026	195.7	0.0559	821.90	0.038	191.1	0.1216
821.93	0.028	195.9	0.0577	821.93	0.038	191.1	0.126
821.97	0.028	196	0.0586	821.98	0.039	191.6	0.1296
822.00	0.028	196.2	0.0586	822.02	0.04	191.8	0.1296
822.03	0.028	196.3	0.0595	822.03	0.04	191.8	0.1314
822.07	0.028	196.3	0.0604	822.07	0.04	192	0.1323
822.10	0.029	196.5	0.0604	822.10	0.04	192.2	0.1331
822.13	0.029	196.6	0.0604	822.13	0.04	192.4	0.1331
822.17	0.029	196.7	0.0604	822.17	0.04	192.5	0.1331
822.20	0.029	196.7	0.0604	822.20	0.04	192.6	0.1331
822.23	0.028	196.8	0.0604	822.23	0.039	192.7	0.1331
822.27	0.026	196.8	0.0595	822.27	0.037	192.7	0.1323
822.30	0.026	196.8	0.0586	822.30	0.037	192.7	0.1305
822.33	0.026	196.8	0.0568	822.33	0.036	192.7	0.1269
822.37	0.024	196.7	0.055	822.37	0.032	192.6	0.1243
822.40	0.022	196.7	0.0533	822.40	0.031	192.6	0.1216
822.43	0.021	196.7	0.0506	822.43	0.03	192.5	0.1181
822.47	0.02	196.5	0.0506	822.47	0.026	192.3	0.1181
822.50	0.018	196.4	0.0479	822.50	0.024	192.1	0.1136
822.53	0.018	196.4	0.0462	822.53	0.024	192.1	0.1092
822.57	0.016	196.3	0.0426	822.57	0.022	191.9	0.103
822.60	0.014	196.1	0.0391	822.60	0.018	191.6	0.0968
822.63	0.011	196	0.0364	822.63	0.015	191.3	0.0905
822.67	0.011	195.8	0.032	822.67	0.013	191	0.0843
822.70	0.008	195.6	0.032	822.70	0.009	190.6	0.0843
822.73	0.005	195.3	0.0284	822.73	0.005	190.2	0.0763
822.77	0.005	195.3	0.0249	822.77	0.005	190.2	0.0692
822.80	0.004	195.1	0.0204	822.80	0.004	189.9	0.0612
822.83	0.002	194.8	0.0169	822.83	-0.001	189.4	0.0533
822.87	-0.001	194.6	0.0133	822.87	-0.004	189	0.0462

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
822.90	-0.002	194.4	0.0098	822.90	-0.006	188.6	0.0382
822.93	-0.005	194.1	0.0053	822.93	-0.009	188.1	0.0382
822.97	-0.007	193.8	0.0053	822.97	-0.013	187.6	0.0302
823.00	-0.007	193.8	0.0018	823.00	-0.013	187.6	0.0222
823.03	-0.008	193.6	-0.0018	823.03	-0.014	187.3	0.016
823.07	-0.009	193.3	-0.0044	823.07	-0.017	186.7	0.0089
823.10	-0.012	193	-0.008	823.10	-0.02	186.3	0.0036
823.13	-0.012	192.8	-0.0098	823.13	-0.021	185.9	-0.0018
823.17	-0.013	192.6	-0.0115	823.17	-0.023	185.5	-0.0053
823.22	-0.015	192.3	-0.0142	823.20	-0.025	185.1	-0.0053
823.25	-0.015	192.2	-0.0151	823.23	-0.025	185.1	-0.0098
823.27	-0.016	192	-0.0169	823.27	-0.026	184.9	-0.0124
823.30	-0.017	191.8	-0.0169	823.30	-0.027	184.5	-0.016
823.33	-0.017	191.8	-0.0178	823.33	-0.028	184.2	-0.0178
823.37	-0.017	191.7	-0.0186	823.37	-0.028	184	-0.0186
823.40	-0.017	191.5	-0.0195	823.42	-0.029	183.8	-0.0195
823.43	-0.017	191.4	-0.0195	823.45	-0.029	183.6	-0.0204
823.47	-0.017	191.3	-0.0195	823.48	-0.029	183.5	-0.0204
823.50	-0.017	191.2	-0.0195	823.50	-0.028	183.3	-0.0204
823.53	-0.016	191.2	-0.0195	823.53	-0.028	183.3	-0.0204
823.57	-0.016	191.2	-0.0186	823.57	-0.026	183.3	-0.0195
823.60	-0.016	191.2	-0.0178	823.60	-0.026	183.2	-0.0186
823.63	-0.015	191.2	-0.0169	823.63	-0.025	183.2	-0.016
823.67	-0.013	191.2	-0.0151	823.67	-0.023	183.3	-0.0142
823.70	-0.012	191.2	-0.0133	823.70	-0.022	183.3	-0.0115
823.73	-0.011	191.3	-0.0115	823.73	-0.02	183.5	-0.008
823.77	-0.009	191.4	-0.0115	823.77	-0.016	183.7	-0.008
823.80	-0.008	191.4	-0.0098	823.80	-0.015	183.7	-0.0036
823.83	-0.008	191.4	-0.0071	823.83	-0.015	183.8	0.0009
823.87	-0.007	191.6	-0.0044	823.87	-0.013	184.1	0.0053
823.90	-0.003	191.8	0	823.90	-0.008	184.3	0.0115
823.93	-0.002	191.9	0.0018	823.93	-0.007	184.5	0.0169
823.97	-0.001	192	0.0053	823.97	-0.004	184.9	0.024
824.00	0.003	192.3	0.0053	824.00	0.001	185.3	0.024
824.03	0.003	192.3	0.0089	824.03	0.003	185.3	0.0328
824.07	0.003	192.4	0.0124	824.07	0.003	185.6	0.0391
824.10	0.005	192.7	0.0169	824.10	0.005	186	0.047
824.13	0.009	192.9	0.0213	824.13	0.011	186.4	0.0559
824.17	0.01	193.1	0.024	824.17	0.012	186.7	0.0621
824.20	0.012	193.4	0.0293	824.20	0.015	187.3	0.0701
824.23	0.015	193.7	0.0293	824.23	0.02	187.8	0.0701
824.27	0.016	193.7	0.0337	824.27	0.021	187.8	0.079
824.30	0.016	193.9	0.0364	824.30	0.021	188.1	0.0843
824.33	0.017	194.1	0.0399	824.33	0.023	188.6	0.0914
824.37	0.02	194.4	0.0426	824.37	0.028	189	0.0994
824.40	0.021	194.6	0.0453	824.40	0.029	189.4	0.1047
824.43	0.022	194.8	0.0497	824.43	0.031	189.8	0.111
824.47	0.025	195.1	0.0497	824.47	0.035	190.2	0.111
824.50	0.025	195.1	0.0515	824.50	0.035	190.2	0.1163
824.53	0.025	195.3	0.0533	824.53	0.035	190.5	0.1198
824.57	0.026	195.6	0.0559	824.57	0.036	190.8	0.1234
824.60	0.027	195.8	0.0577	824.60	0.038	191.2	0.1269
824.63	0.028	196	0.0586	824.63	0.039	191.4	0.1287
824.68	0.028	196.1	0.0595	824.67	0.039	191.7	0.1314
824.72	0.029	196.3	0.0604	824.70	0.04	191.9	0.1314
824.73	0.029	196.4	0.0604	824.73	0.04	191.9	0.1323
824.77	0.029	196.5	0.0604	824.77	0.04	192.1	0.1331
824.80	0.029	196.6	0.0604	824.80	0.04	192.3	0.1331
824.83	0.028	196.6	0.0604	824.83	0.04	192.4	0.1331
824.87	0.028	196.7	0.0604	824.88	0.04	192.5	0.1331
824.90	0.028	196.8	0.0604	824.92	0.039	192.7	0.1331
824.93	0.027	196.8	0.0586	824.93	0.038	192.7	0.1314
824.97	0.026	196.8	0.0577	824.97	0.036	192.7	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
825.00	0.025	196.8	0.0559	825.00	0.035	192.7	0.1269
825.03	0.023	196.7	0.0559	825.03	0.032	192.6	0.1269
825.07	0.022	196.7	0.0541	825.07	0.03	192.5	0.1234
825.10	0.022	196.7	0.0524	825.10	0.03	192.5	0.1207
825.13	0.021	196.6	0.0497	825.13	0.029	192.4	0.1172
825.17	0.019	196.5	0.047	825.17	0.025	192.2	0.1118
825.20	0.017	196.4	0.0453	825.20	0.023	192	0.1074
825.23	0.016	196.3	0.0417	825.23	0.021	191.8	0.1003
825.27	0.012	196.1	0.0417	825.27	0.017	191.4	0.1003
825.30	0.011	195.9	0.0382	825.30	0.013	191.2	0.0941
825.33	0.011	195.9	0.0355	825.33	0.013	191.2	0.0879
825.37	0.01	195.7	0.032	825.37	0.012	190.9	0.0808
825.40	0.006	195.4	0.0275	825.40	0.007	190.4	0.0728
825.43	0.005	195.2	0.024	825.43	0.004	190.1	0.0666
825.47	0.003	195	0.0186	825.47	0.002	189.8	0.0586
825.50	0	194.7	0.0186	825.50	-0.002	189.2	0.0586
825.53	-0.001	194.5	0.0151	825.53	-0.006	188.8	0.0497
825.57	-0.001	194.5	0.0124	825.57	-0.006	188.8	0.0426
825.60	-0.003	194.3	0.008	825.60	-0.007	188.4	0.0364
825.63	-0.006	194	0.0044	825.63	-0.011	187.9	0.0275
825.67	-0.007	193.7	0.0018	825.67	-0.014	187.4	0.0204
825.70	-0.008	193.5	-0.0027	825.70	-0.015	187.1	0.0142
825.73	-0.011	193.2	-0.0027	825.73	-0.018	186.5	0.0142
825.77	-0.012	192.9	-0.0062	825.77	-0.021	186.1	0.0071
825.80	-0.012	192.9	-0.008	825.80	-0.021	186.1	0.0018
825.83	-0.012	192.7	-0.0107	825.83	-0.022	185.8	-0.0027
825.87	-0.014	192.5	-0.0124	825.87	-0.024	185.3	-0.008
825.90	-0.015	192.3	-0.0151	825.90	-0.026	184.9	-0.0115
825.93	-0.016	192.1	-0.016	825.93	-0.026	184.7	-0.0142
825.97	-0.017	191.9	-0.016	825.97	-0.027	184.4	-0.0142
826.00	-0.017	191.8	-0.0178	826.00	-0.029	184.1	-0.016
826.03	-0.017	191.8	-0.0186	826.03	-0.029	184.1	-0.0178
826.07	-0.017	191.6	-0.0186	826.07	-0.029	183.9	-0.0195
826.12	-0.017	191.4	-0.0186	826.10	-0.029	183.7	-0.0195
826.15	-0.017	191.4	-0.0195	826.13	-0.029	183.6	-0.0195
826.18	-0.017	191.3	-0.0195	826.17	-0.028	183.4	-0.0195
826.20	-0.017	191.2	-0.0186	826.20	-0.028	183.3	-0.0195
826.23	-0.016	191.2	-0.0178	826.23	-0.026	183.3	-0.0195
826.27	-0.015	191.2	-0.0169	826.27	-0.025	183.3	-0.0178
826.30	-0.015	191.2	-0.0169	826.30	-0.025	183.3	-0.016
826.33	-0.012	191.2	-0.016	826.35	-0.022	183.3	-0.0133
826.37	-0.012	191.2	-0.0142	826.38	-0.021	183.3	-0.0124
826.40	-0.012	191.2	-0.0124	826.40	-0.021	183.4	-0.0098
826.43	-0.01	191.3	-0.0107	826.43	-0.019	183.6	-0.0053
826.47	-0.009	191.4	-0.0089	826.47	-0.015	183.8	-0.0009
826.50	-0.007	191.5	-0.0053	826.50	-0.014	183.9	0.0027
826.53	-0.005	191.7	-0.0053	826.53	-0.012	184.2	0.008
826.57	-0.002	191.8	-0.0018	826.57	-0.007	184.4	0.008
826.60	-0.002	191.8	0.0009	826.60	-0.005	184.4	0.0142
826.63	-0.002	191.9	0.0036	826.63	-0.005	184.7	0.0204
826.67	0	192.2	0.008	826.67	-0.003	185.1	0.0284
826.70	0.004	192.4	0.0115	826.70	0.003	185.5	0.0364
826.73	0.004	192.5	0.0151	826.73	0.004	185.7	0.0426
826.77	0.007	192.8	0.0186	826.77	0.006	186.2	0.0515
826.80	0.01	193	0.0186	826.80	0.012	186.6	0.0515
826.83	0.01	193	0.0222	826.83	0.013	186.6	0.0595
826.87	0.011	193.3	0.0275	826.87	0.013	187	0.0657
826.90	0.013	193.6	0.032	826.90	0.016	187.5	0.0737
826.93	0.016	193.8	0.0355	826.93	0.021	187.9	0.0826
826.97	0.016	194	0.0382	826.97	0.022	188.3	0.0879
827.00	0.019	194.3	0.0417	827.00	0.024	188.7	0.095
827.03	0.021	194.5	0.0417	827.03	0.029	189.2	0.095
827.07	0.021	194.5	0.0453	827.07	0.03	189.2	0.103

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
827.10	0.022	194.7	0.0479	827.10	0.03	189.5	0.1083
827.13	0.023	195	0.0506	827.13	0.032	189.9	0.1136
827.17	0.025	195.2	0.0533	827.17	0.035	190.3	0.1181
827.20	0.026	195.4	0.055	827.20	0.036	190.6	0.1216
827.23	0.027	195.7	0.0568	827.23	0.037	190.9	0.1252
827.27	0.027	195.9	0.0568	827.27	0.039	191.3	0.1252
827.30	0.028	195.9	0.0577	827.30	0.039	191.5	0.1287
827.33	0.028	196.1	0.0595	827.33	0.039	191.5	0.1305
827.37	0.028	196.2	0.0604	827.37	0.04	191.7	0.1323
827.40	0.029	196.3	0.0612	827.40	0.04	192	0.1331
827.43	0.029	196.5	0.0612	827.43	0.04	192.2	0.134
827.47	0.029	196.5	0.0612	827.47	0.04	192.3	0.134
827.50	0.029	196.7	0.0612	827.50	0.04	192.4	0.134
827.53	0.028	196.7	0.0612	827.53	0.04	192.6	0.134
827.58	0.027	196.8	0.0595	827.57	0.04	192.6	0.134
827.62	0.027	196.8	0.0595	827.60	0.038	192.6	0.1323
827.63	0.026	196.8	0.0595	827.63	0.037	192.6	0.1296
827.67	0.026	196.8	0.0577	827.67	0.034	192.6	0.1278
827.70	0.025	196.8	0.0559	827.70	0.033	192.6	0.1252
827.73	0.023	196.7	0.0541	827.73	0.031	192.4	0.1216
827.77	0.021	196.7	0.0515	827.78	0.027	192.3	0.1172
827.80	0.02	196.6	0.0488	827.82	0.027	192.3	0.1154
827.83	0.017	196.4	0.0488	827.83	0.025	192	0.1101
827.87	0.017	196.4	0.0462	827.87	0.021	191.8	0.1101
827.90	0.017	196.4	0.0435	827.90	0.02	191.8	0.1047
827.93	0.015	196.2	0.0399	827.93	0.02	191.6	0.1003
827.97	0.011	196	0.0364	827.97	0.017	191.2	0.0932
828.00	0.011	195.8	0.0346	828.00	0.012	190.9	0.0861
828.03	0.009	195.6	0.0302	828.03	0.01	190.7	0.0799
828.07	0.005	195.3	0.0302	828.07	0.007	190.2	0.071
828.10	0.004	195.3	0.0249	828.10	0.002	189.8	0.071
828.13	0.004	195.2	0.0222	828.13	0.001	189.8	0.063
828.17	0.003	194.9	0.0178	828.17	0.001	189.5	0.0568
828.20	-0.001	194.6	0.0142	828.20	-0.002	189	0.0488
828.23	-0.002	194.4	0.0107	828.23	-0.007	188.6	0.0399
828.27	-0.004	194.1	0.0062	828.27	-0.008	188.2	0.0337
828.30	-0.007	193.9	0.0062	828.30	-0.011	187.7	0.0249
828.33	-0.008	193.9	0.0027	828.33	-0.016	187.2	0.0249
828.37	-0.008	193.6	-0.0009	828.37	-0.016	187.2	0.0169
828.40	-0.009	193.4	-0.0036	828.40	-0.016	186.8	0.0124
828.43	-0.011	193.1	-0.0062	828.43	-0.018	186.3	0.0053
828.47	-0.012	192.9	-0.0089	828.47	-0.022	185.9	-0.0009
828.50	-0.013	192.6	-0.0115	828.50	-0.023	185.6	-0.0027
828.53	-0.015	192.4	-0.0115	828.53	-0.024	185.2	-0.008
828.57	-0.016	192.4	-0.0142	828.57	-0.027	184.8	-0.008
828.60	-0.016	192.2	-0.0151	828.60	-0.027	184.8	-0.0115
828.63	-0.016	192	-0.016	828.63	-0.027	184.5	-0.0142
828.67	-0.016	191.9	-0.0169	828.67	-0.028	184.2	-0.0169
828.70	-0.017	191.7	-0.0178	828.70	-0.029	184	-0.0186
828.73	-0.017	191.6	-0.0186	828.73	-0.029	183.8	-0.0186
828.77	-0.017	191.4	-0.0186	828.77	-0.029	183.6	-0.0195
828.80	-0.017	191.4	-0.0186	828.80	-0.028	183.5	-0.0195
828.83	-0.017	191.4	-0.0195	828.83	-0.028	183.5	-0.0195
828.87	-0.017	191.3	-0.0186	828.87	-0.028	183.3	-0.0195
828.90	-0.016	191.2	-0.0178	828.90	-0.028	183.3	-0.0178
828.93	-0.015	191.2	-0.0169	828.93	-0.026	183.3	-0.0169
828.97	-0.014	191.2	-0.0151	828.97	-0.025	183.2	-0.0151
829.02	-0.013	191.2	-0.0142	829.00	-0.023	183.3	-0.0124
829.05	-0.012	191.2	-0.0133	829.03	-0.02	183.4	-0.0124
829.08	-0.012	191.2	-0.0115	829.07	-0.019	183.4	-0.0089
829.10	-0.009	191.4	-0.0115	829.10	-0.019	183.5	-0.0062
829.13	-0.008	191.5	-0.0089	829.13	-0.017	183.7	-0.0009
829.17	-0.008	191.5	-0.0071	829.17	-0.013	183.9	0.0036

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
829.20	-0.007	191.6	-0.0036	829.20	-0.012	184.1	0.008
829.23	-0.004	191.8	0	829.23	-0.009	184.4	0.0142
829.27	-0.002	191.9	0.0027	829.27	-0.004	184.7	0.0142
829.30	-0.001	192	0.0053	829.30	-0.003	184.7	0.0213
829.33	0.002	192.3	0.0053	829.33	-0.003	185	0.0275
829.37	0.004	192.5	0.0098	829.37	0	185.4	0.0355
829.40	0.004	192.5	0.0124	829.40	0.005	185.8	0.0444
829.43	0.005	192.6	0.0169	829.45	0.007	186.1	0.0506
829.47	0.008	193	0.0213	829.48	0.008	186.4	0.055
829.50	0.011	193.2	0.0249	829.52	0.013	186.8	0.0621
829.53	0.012	193.4	0.0302	829.53	0.015	187.2	0.0692
829.57	0.014	193.7	0.0302	829.57	0.017	187.6	0.0772
829.60	0.016	193.9	0.0337	829.60	0.022	188.1	0.0772
829.63	0.016	193.9	0.0364	829.63	0.023	188.5	0.0861
829.67	0.017	194.1	0.0399	829.67	0.023	188.5	0.0914
829.70	0.02	194.4	0.0453	829.70	0.026	188.9	0.0985
829.73	0.022	194.6	0.047	829.73	0.03	189.4	0.1056
829.77	0.022	194.8	0.0488	829.77	0.031	189.7	0.111
829.80	0.023	195.1	0.0488	829.80	0.032	190.1	0.1154
829.83	0.026	195.4	0.0515	829.83	0.035	190.5	0.1154
829.87	0.026	195.4	0.0541	829.87	0.037	190.8	0.1207
829.90	0.026	195.6	0.0559	829.90	0.037	190.8	0.1243
829.93	0.027	195.8	0.0577	829.93	0.037	191.1	0.1269
829.97	0.028	196	0.0595	829.97	0.039	191.4	0.1296
830.00	0.028	196.1	0.0604	830.00	0.04	191.6	0.1314
830.03	0.029	196.2	0.0612	830.03	0.04	191.8	0.1331
830.07	0.029	196.4	0.0612	830.07	0.04	192.1	0.1331
830.10	0.029	196.4	0.0612	830.10	0.04	192.2	0.134
830.13	0.029	196.5	0.0612	830.13	0.04	192.2	0.134
830.17	0.029	196.6	0.0612	830.17	0.04	192.4	0.134
830.20	0.028	196.7	0.0612	830.20	0.04	192.5	0.134
830.23	0.028	196.7	0.0604	830.23	0.039	192.6	0.134
830.27	0.027	196.7	0.0586	830.27	0.038	192.7	0.1314
830.30	0.025	196.8	0.0586	830.30	0.036	192.6	0.1296
830.33	0.025	196.8	0.0568	830.33	0.033	192.6	0.1296
830.37	0.025	196.8	0.0559	830.37	0.032	192.6	0.1269
830.40	0.024	196.7	0.0541	830.40	0.032	192.5	0.1243
830.43	0.021	196.6	0.0524	830.43	0.031	192.4	0.1207
830.48	0.02	196.6	0.0497	830.47	0.027	192.3	0.1163
830.52	0.02	196.5	0.0479	830.50	0.025	192.1	0.1118
830.53	0.017	196.4	0.0453	830.53	0.023	191.9	0.1065
830.57	0.016	196.2	0.0435	830.57	0.019	191.6	0.1065
830.60	0.014	196.1	0.0399	830.60	0.017	191.6	0.1003
830.63	0.01	195.9	0.0399	830.63	0.017	191.4	0.095
830.67	0.01	195.9	0.0355	830.67	0.014	191	0.0879
830.70	0.01	195.7	0.032	830.70	0.009	190.7	0.0799
830.73	0.008	195.5	0.0284	830.73	0.007	190.4	0.0737
830.77	0.004	195.2	0.024	830.77	0.004	189.9	0.0648
830.80	0.004	195	0.0213	830.80	0	189.5	0.0648
830.83	0.002	194.7	0.0169	830.83	-0.002	189.5	0.0568
830.87	-0.002	194.4	0.0169	830.87	-0.002	189.2	0.0506
830.90	-0.003	194.4	0.0115	830.92	-0.007	188.3	0.0426
830.93	-0.003	194.2	0.0089	830.95	-0.01	188.3	0.0373
830.97	-0.004	194	0.0053	830.97	-0.01	187.9	0.0302
831.00	-0.008	193.7	0.0009	831.00	-0.012	187.4	0.0231
831.03	-0.008	193.5	-0.0018	831.03	-0.016	187	0.0151
831.07	-0.009	193.2	-0.0044	831.07	-0.018	186.5	0.0098
831.10	-0.012	192.9	-0.0044	831.10	-0.019	186.1	0.0036
831.13	-0.013	192.9	-0.008	831.13	-0.023	185.7	0.0036
831.17	-0.013	192.7	-0.0107	831.17	-0.023	185.7	-0.0018
831.20	-0.014	192.5	-0.0124	831.20	-0.023	185.4	-0.0053
831.23	-0.015	192.3	-0.0142	831.23	-0.025	185	-0.0089
831.27	-0.016	192.1	-0.016	831.27	-0.027	184.6	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
831.30	-0.016	191.9	-0.0169	831.30	-0.027	184.4	-0.0142
831.33	-0.017	191.8	-0.0169	831.33	-0.028	184.1	-0.0169
831.37	-0.017	191.8	-0.0178	831.37	-0.029	183.9	-0.0169
831.40	-0.017	191.6	-0.0186	831.40	-0.029	183.9	-0.0186
831.43	-0.017	191.5	-0.0186	831.43	-0.029	183.7	-0.0186
831.47	-0.017	191.4	-0.0186	831.47	-0.029	183.5	-0.0195
831.50	-0.017	191.3	-0.0186	831.50	-0.028	183.4	-0.0195
831.53	-0.017	191.2	-0.0186	831.53	-0.028	183.3	-0.0186
831.57	-0.015	191.2	-0.0186	831.57	-0.027	183.2	-0.0178
831.60	-0.015	191.2	-0.0178	831.60	-0.025	183.3	-0.0178
831.63	-0.015	191.2	-0.0169	831.63	-0.024	183.3	-0.0151
831.67	-0.014	191.2	-0.0151	831.67	-0.024	183.2	-0.0142
831.70	-0.012	191.2	-0.0133	831.70	-0.022	183.3	-0.0107
831.73	-0.011	191.3	-0.0115	831.73	-0.019	183.5	-0.008
831.77	-0.01	191.3	-0.0089	831.77	-0.018	183.5	-0.0044
831.80	-0.008	191.5	-0.0089	831.80	-0.016	183.7	0
831.83	-0.006	191.6	-0.0062	831.83	-0.012	184	0
831.87	-0.006	191.6	-0.0044	831.87	-0.011	184	0.0053
831.90	-0.005	191.7	-0.0009	831.90	-0.011	184.1	0.0098
831.95	-0.001	192	0.0027	831.93	-0.008	184.5	0.0169
831.98	-0.001	192	0.0044	831.97	-0.003	184.9	0.024
832.00	0	192.1	0.008	832.00	-0.001	185.1	0.0311
832.03	0.003	192.4	0.0115	832.03	0.001	185.5	0.0391
832.07	0.005	192.6	0.0142	832.07	0.007	185.9	0.0391
832.10	0.006	192.8	0.0186	832.10	0.008	185.9	0.047
832.13	0.009	193.1	0.0186	832.13	0.008	186.2	0.0533
832.17	0.012	193.3	0.0231	832.17	0.011	186.7	0.0612
832.20	0.012	193.3	0.0275	832.20	0.016	187.2	0.0701
832.23	0.013	193.5	0.0311	832.23	0.017	187.5	0.0763
832.27	0.015	193.8	0.0355	832.27	0.02	188	0.0843
832.30	0.017	194	0.0382	832.30	0.025	188.5	0.0843
832.33	0.018	194.2	0.0417	832.35	0.026	188.8	0.0968
832.37	0.02	194.5	0.0417	832.38	0.026	189.1	0.1012
832.40	0.022	194.7	0.0444	832.42	0.03	189.5	0.1012
832.43	0.022	194.7	0.0479	832.43	0.032	189.5	0.1074
832.47	0.023	194.9	0.0506	832.47	0.032	189.9	0.1127
832.50	0.024	195.2	0.0533	832.50	0.033	190.2	0.1181
832.53	0.026	195.4	0.055	832.53	0.036	190.6	0.1225
832.57	0.026	195.7	0.0568	832.57	0.037	190.9	0.1252
832.60	0.027	195.8	0.0568	832.60	0.038	191.2	0.1287
832.63	0.028	196	0.0586	832.63	0.039	191.5	0.1287
832.67	0.028	196	0.0595	832.67	0.04	191.8	0.1314
832.70	0.028	196.2	0.0604	832.70	0.04	191.8	0.1323
832.73	0.028	196.3	0.0604	832.73	0.04	192	0.134
832.77	0.029	196.4	0.0612	832.77	0.04	192.2	0.1349
832.80	0.029	196.5	0.0612	832.80	0.04	192.3	0.1349
832.83	0.029	196.6	0.0612	832.83	0.04	192.5	0.1349
832.87	0.028	196.7	0.0612	832.87	0.04	192.6	0.1349
832.90	0.027	196.7	0.0612	832.90	0.038	192.7	0.1349
832.93	0.027	196.7	0.0604	832.93	0.038	192.7	0.1331
832.97	0.027	196.7	0.0586	832.97	0.037	192.7	0.1305
833.00	0.025	196.7	0.0577	833.00	0.035	192.6	0.1278
833.03	0.024	196.7	0.055	833.03	0.033	192.6	0.126
833.07	0.023	196.6	0.0533	833.07	0.031	192.5	0.1225
833.10	0.02	196.6	0.0533	833.10	0.029	192.3	0.1225
833.13	0.019	196.6	0.0506	833.13	0.025	192.2	0.1181
833.17	0.019	196.5	0.0479	833.17	0.025	192.2	0.1145
833.20	0.018	196.4	0.0453	833.20	0.024	192.1	0.1092
833.23	0.015	196.2	0.0426	833.23	0.021	191.7	0.1039
833.27	0.014	196.1	0.0408	833.27	0.018	191.5	0.0985
833.30	0.013	195.9	0.0364	833.30	0.016	191.3	0.0905
833.33	0.008	195.7	0.0364	833.33	0.012	190.8	0.0905
833.38	0.008	195.5	0.0302	833.37	0.007	190.5	0.0834

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
833.42	0.007	195.4	0.0275	833.40	0.007	190.5	0.0763
833.45	0.004	195.1	0.0275	833.43	0.006	190.2	0.0692
833.47	0.003	195.1	0.0222	833.47	0.002	189.7	0.0612
833.50	0.003	194.9	0.0186	833.50	-0.002	189.3	0.0533
833.53	0.001	194.6	0.0142	833.53	-0.003	189	0.0462
833.57	-0.003	194.3	0.0098	833.57	-0.007	188.4	0.0382
833.60	-0.004	194.1	0.0071	833.60	-0.011	188	0.0382
833.63	-0.005	193.8	0.0036	833.63	-0.011	188	0.0302
833.67	-0.008	193.5	0.0036	833.67	-0.012	187.6	0.0231
833.70	-0.009	193.5	0	833.70	-0.015	187	0.0151
833.73	-0.009	193.3	-0.0027	833.73	-0.018	186.6	0.0089
833.77	-0.01	193.1	-0.0062	833.77	-0.019	186.2	0.0044
833.80	-0.013	192.8	-0.0089	833.82	-0.022	185.7	-0.0009
833.83	-0.013	192.6	-0.0107	833.85	-0.023	185.5	-0.0036
833.87	-0.014	192.4	-0.0133	833.87	-0.024	185.2	-0.008
833.90	-0.016	192.2	-0.0133	833.90	-0.026	184.7	-0.0115
833.93	-0.016	192.2	-0.0151	833.93	-0.027	184.4	-0.0115
833.97	-0.016	192	-0.016	833.97	-0.027	184.4	-0.0142
834.00	-0.017	191.8	-0.0178	834.00	-0.028	184.2	-0.016
834.03	-0.017	191.7	-0.0186	834.03	-0.028	183.9	-0.0178
834.07	-0.017	191.5	-0.0186	834.07	-0.029	183.7	-0.0195
834.10	-0.017	191.4	-0.0195	834.10	-0.029	183.6	-0.0195
834.13	-0.017	191.3	-0.0195	834.13	-0.028	183.4	-0.0195
834.17	-0.017	191.3	-0.0195	834.17	-0.028	183.3	-0.0195
834.20	-0.017	191.2	-0.0186	834.20	-0.028	183.3	-0.0195
834.23	-0.016	191.2	-0.0178	834.23	-0.028	183.2	-0.0186
834.27	-0.015	191.2	-0.0169	834.27	-0.026	183.2	-0.0169
834.30	-0.014	191.2	-0.016	834.30	-0.024	183.2	-0.0142
834.33	-0.014	191.2	-0.0142	834.33	-0.023	183.2	-0.0124
834.37	-0.012	191.2	-0.0142	834.37	-0.022	183.4	-0.0098
834.40	-0.01	191.3	-0.0124	834.40	-0.018	183.5	-0.0098
834.43	-0.01	191.3	-0.0107	834.43	-0.017	183.5	-0.0062
834.47	-0.01	191.3	-0.0089	834.47	-0.017	183.6	-0.0018
834.50	-0.007	191.5	-0.0062	834.50	-0.015	183.9	0.0027
834.53	-0.006	191.6	-0.0036	834.53	-0.01	184.1	0.008
834.57	-0.004	191.7	0	834.57	-0.009	184.2	0.0124
834.60	-0.001	192	0	834.60	-0.007	184.6	0.0195
834.63	0.001	192.1	0.0036	834.63	-0.001	185	0.0195
834.67	0.001	192.1	0.0071	834.67	0	185	0.0275
834.70	0.002	192.3	0.0107	834.70	0	185.2	0.0337
834.73	0.005	192.5	0.0142	834.73	0.002	185.7	0.0417
834.77	0.007	192.7	0.0186	834.77	0.008	186.1	0.0506
834.80	0.009	192.9	0.0222	834.80	0.01	186.4	0.0568
834.85	0.011	193.2	0.0257	834.83	0.012	186.9	0.0648
834.88	0.012	193.4	0.0284	834.87	0.017	187.4	0.0648
834.90	0.013	193.6	0.032	834.90	0.018	187.4	0.0737
834.93	0.016	193.9	0.032	834.93	0.018	187.7	0.079
834.97	0.018	194.1	0.0364	834.97	0.021	188.2	0.087
835.00	0.018	194.1	0.0399	835.00	0.026	188.6	0.095
835.03	0.019	194.3	0.0435	835.03	0.027	189	0.1003
835.07	0.021	194.6	0.0462	835.07	0.028	189.4	0.1065
835.10	0.023	194.8	0.0488	835.10	0.033	189.8	0.1065
835.13	0.023	195	0.0515	835.13	0.033	189.8	0.1136
835.17	0.025	195.3	0.0515	835.17	0.033	190.2	0.1172
835.20	0.026	195.6	0.0541	835.20	0.035	190.6	0.1216
835.23	0.026	195.6	0.0559	835.23	0.038	190.9	0.126
835.27	0.027	195.7	0.0568	835.28	0.038	191.2	0.1278
835.30	0.027	195.9	0.0586	835.32	0.038	191.4	0.1296
835.33	0.028	196.1	0.0595	835.33	0.04	191.6	0.1323
835.37	0.028	196.2	0.0604	835.37	0.04	191.9	0.1331
835.40	0.029	196.4	0.0604	835.40	0.04	192	0.134
835.43	0.029	196.5	0.0612	835.43	0.04	192.2	0.134
835.47	0.029	196.5	0.0612	835.47	0.04	192.2	0.134

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
835.50	0.029	196.6	0.0612	835.50	0.04	192.4	0.134
835.53	0.029	196.7	0.0612	835.53	0.04	192.5	0.134
835.57	0.028	196.7	0.0604	835.57	0.039	192.6	0.134
835.60	0.027	196.7	0.0595	835.60	0.038	192.7	0.1323
835.63	0.026	196.7	0.0577	835.63	0.036	192.7	0.1287
835.67	0.024	196.7	0.0577	835.67	0.034	192.6	0.1287
835.70	0.023	196.7	0.0559	835.70	0.032	192.6	0.1269
835.73	0.023	196.7	0.0541	835.73	0.032	192.6	0.1243
835.77	0.022	196.6	0.0524	835.77	0.031	192.5	0.1207
835.80	0.02	196.5	0.0497	835.80	0.027	192.3	0.1163
835.83	0.019	196.5	0.047	835.83	0.025	192.1	0.1127
835.87	0.017	196.3	0.0444	835.87	0.023	192	0.1065
835.90	0.014	196.1	0.0444	835.90	0.019	191.6	0.1065
835.93	0.013	196.1	0.0408	835.93	0.016	191.4	0.1003
835.97	0.013	196.1	0.0382	835.97	0.016	191.4	0.095
836.00	0.011	195.8	0.0346	836.00	0.015	191.2	0.0888
836.03	0.008	195.6	0.0311	836.03	0.01	190.7	0.0799
836.07	0.007	195.4	0.0275	836.07	0.006	190.3	0.0737
836.10	0.005	195.1	0.0231	836.10	0.005	190	0.0657
836.13	0.001	194.9	0.0231	836.13	0	189.5	0.0657
836.17	0.001	194.9	0.0186	836.17	-0.003	189.1	0.0577
836.20	0.001	194.7	0.0151	836.20	-0.003	189.1	0.0506
836.23	-0.001	194.4	0.0107	836.23	-0.004	188.8	0.0435
836.28	-0.005	194.1	0.0071	836.27	-0.008	188.2	0.0337
836.32	-0.005	193.9	0.0053	836.30	-0.012	187.8	0.0275
836.35	-0.006	193.7	0.0018	836.33	-0.013	187.4	0.0204
836.37	-0.009	193.4	-0.0018	836.37	-0.016	186.8	0.0204
836.40	-0.01	193.2	-0.0044	836.40	-0.019	186.4	0.0124
836.43	-0.011	192.9	-0.008	836.43	-0.019	186.4	0.0071
836.47	-0.013	192.7	-0.008	836.47	-0.02	186.1	0.0018
836.50	-0.014	192.7	-0.0107	836.50	-0.022	185.6	-0.0027
836.53	-0.014	192.5	-0.0124	836.53	-0.025	185.2	-0.0071
836.57	-0.014	192.3	-0.0133	836.57	-0.025	184.9	-0.0098
836.60	-0.016	192.1	-0.016	836.60	-0.026	184.6	-0.0133
836.63	-0.016	191.9	-0.0169	836.63	-0.028	184.3	-0.0133
836.67	-0.017	191.7	-0.0178	836.67	-0.028	184.3	-0.016
836.70	-0.017	191.6	-0.0178	836.72	-0.029	183.8	-0.0186
836.73	-0.017	191.6	-0.0186	836.75	-0.029	183.6	-0.0186
836.77	-0.017	191.5	-0.0195	836.77	-0.029	183.6	-0.0186
836.80	-0.017	191.3	-0.0195	836.80	-0.029	183.5	-0.0195
836.83	-0.017	191.3	-0.0195	836.83	-0.028	183.3	-0.0195
836.87	-0.016	191.2	-0.0186	836.87	-0.028	183.2	-0.0195
836.90	-0.016	191.2	-0.0178	836.90	-0.027	183.2	-0.0178
836.93	-0.015	191.2	-0.0178	836.93	-0.026	183.2	-0.016
836.97	-0.014	191.2	-0.0169	836.97	-0.023	183.2	-0.016
837.00	-0.014	191.2	-0.016	837.00	-0.023	183.2	-0.0133
837.03	-0.013	191.2	-0.0133	837.03	-0.023	183.2	-0.0124
837.07	-0.011	191.3	-0.0115	837.07	-0.021	183.3	-0.008
837.10	-0.01	191.3	-0.0098	837.10	-0.017	183.5	-0.0044
837.13	-0.009	191.4	-0.0071	837.13	-0.016	183.6	-0.0009
837.17	-0.006	191.5	-0.0071	837.17	-0.014	183.8	0.0036
837.20	-0.005	191.7	-0.0044	837.20	-0.009	184.1	0.0036
837.23	-0.005	191.7	-0.0018	837.23	-0.008	184.1	0.0098
837.27	-0.004	191.8	0.0009	837.27	-0.008	184.3	0.0142
837.30	0	192	0.0053	837.30	-0.006	184.6	0.0213
837.33	0.001	192.2	0.008	837.33	-0.001	185.1	0.0302
837.37	0.003	192.3	0.0124	837.37	0.002	185.4	0.0364
837.40	0.005	192.6	0.0124	837.40	0.004	185.7	0.0444
837.43	0.008	192.8	0.016	837.43	0.009	186.2	0.0444
837.47	0.008	192.8	0.0195	837.47	0.011	186.5	0.0533
837.50	0.009	193	0.0231	837.50	0.011	186.5	0.0595
837.53	0.012	193.3	0.0284	837.53	0.014	187	0.0675
837.57	0.014	193.5	0.032	837.57	0.018	187.5	0.0763

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
837.60	0.015	193.8	0.0364	837.60	0.02	187.9	0.0817
837.63	0.018	194.1	0.0364	837.63	0.022	188.2	0.0897
837.67	0.02	194.3	0.0399	837.67	0.026	188.8	0.0897
837.70	0.02	194.3	0.0426	837.70	0.028	189.1	0.0976
837.75	0.022	194.7	0.0453	837.73	0.028	189.1	0.103
837.78	0.023	194.9	0.047	837.77	0.03	189.5	0.1092
837.80	0.023	194.9	0.0497	837.80	0.033	189.9	0.1145
837.83	0.024	195.1	0.0524	837.83	0.035	190.3	0.1189
837.87	0.025	195.4	0.055	837.87	0.035	190.6	0.1225
837.90	0.027	195.7	0.0568	837.90	0.038	190.9	0.1225
837.93	0.027	195.8	0.0577	837.93	0.039	191.2	0.126
837.97	0.028	196	0.0586	837.97	0.039	191.2	0.1287
838.00	0.029	196.2	0.0586	838.00	0.039	191.5	0.1314
838.03	0.029	196.2	0.0604	838.03	0.04	191.7	0.1331
838.07	0.029	196.3	0.0604	838.07	0.04	192	0.134
838.10	0.029	196.4	0.0604	838.10	0.04	192.1	0.134
838.13	0.029	196.5	0.0612	838.13	0.04	192.3	0.134
838.17	0.029	196.6	0.0612	838.18	0.04	192.4	0.134
838.20	0.028	196.7	0.0604	838.22	0.039	192.5	0.134
838.23	0.028	196.7	0.0604	838.23	0.039	192.6	0.134
838.27	0.026	196.7	0.0595	838.27	0.037	192.6	0.134
838.30	0.026	196.7	0.0586	838.30	0.036	192.6	0.1314
838.33	0.026	196.8	0.0568	838.33	0.036	192.7	0.1296
838.37	0.024	196.7	0.055	838.37	0.034	192.6	0.126
838.40	0.023	196.7	0.0541	838.40	0.031	192.5	0.1225
838.43	0.022	196.6	0.0506	838.43	0.03	192.4	0.1189
838.47	0.019	196.5	0.0506	838.47	0.028	192.2	0.1145
838.50	0.018	196.5	0.0479	838.50	0.023	192	0.1145
838.53	0.018	196.4	0.0462	838.53	0.022	192	0.1092
838.57	0.016	196.3	0.0426	838.57	0.022	191.9	0.1047
838.60	0.013	196.1	0.0399	838.60	0.02	191.5	0.0994
838.63	0.012	196	0.0373	838.63	0.014	191.2	0.0923
838.67	0.011	195.8	0.0337	838.67	0.013	191	0.0861
838.70	0.007	195.5	0.0337	838.70	0.011	190.5	0.079
838.73	0.006	195.5	0.0293	838.73	0.004	190.1	0.079
838.77	0.006	195.3	0.0249	838.77	0.003	190.1	0.0692
838.80	0.004	195.1	0.0213	838.80	0.003	189.9	0.063
838.83	0.001	194.8	0.0169	838.83	0.001	189.4	0.055
838.87	0	194.6	0.0142	838.87	-0.005	188.9	0.047
838.90	-0.002	194.3	0.0098	838.90	-0.006	188.6	0.0408
838.93	-0.006	194	0.0098	838.93	-0.008	188	0.0328
838.97	-0.006	194	0.0053	838.97	-0.013	187.6	0.0328
839.00	-0.006	193.8	0.0027	839.00	-0.014	187.6	0.0231
839.03	-0.007	193.5	-0.0009	839.03	-0.014	187.2	0.0178
839.07	-0.01	193.2	-0.0044	839.07	-0.016	186.6	0.0107
839.10	-0.011	193	-0.0071	839.10	-0.021	186.2	0.0044
839.13	-0.012	192.8	-0.0098	839.13	-0.021	185.9	0.0009
839.18	-0.014	192.5	-0.0124	839.17	-0.022	185.5	-0.0044
839.22	-0.015	192.3	-0.0133	839.20	-0.026	185	-0.0044
839.25	-0.015	192.2	-0.0151	839.23	-0.026	185	-0.0089
839.27	-0.016	191.9	-0.0151	839.27	-0.026	184.8	-0.0115
839.30	-0.017	191.8	-0.0169	839.30	-0.027	184.5	-0.0142
839.33	-0.017	191.8	-0.0178	839.33	-0.029	184.2	-0.0169
839.37	-0.017	191.6	-0.0178	839.37	-0.028	183.9	-0.0178
839.40	-0.017	191.5	-0.0186	839.40	-0.029	183.7	-0.0186
839.43	-0.017	191.4	-0.0186	839.43	-0.029	183.6	-0.0186
839.47	-0.017	191.3	-0.0186	839.47	-0.029	183.6	-0.0195
839.50	-0.017	191.2	-0.0186	839.50	-0.029	183.4	-0.0195
839.53	-0.016	191.2	-0.0186	839.53	-0.028	183.3	-0.0195
839.57	-0.016	191.2	-0.0186	839.57	-0.027	183.2	-0.0178
839.60	-0.016	191.2	-0.0178	839.62	-0.026	183.2	-0.0169
839.63	-0.014	191.2	-0.016	839.65	-0.025	183.1	-0.0151
839.67	-0.013	191.2	-0.0151	839.68	-0.023	183.2	-0.0133

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
839.70	-0.012	191.2	-0.0124	839.70	-0.021	183.3	-0.0107
839.73	-0.011	191.3	-0.0124	839.73	-0.02	183.3	-0.0071
839.77	-0.009	191.4	-0.0107	839.77	-0.017	183.6	-0.0071
839.80	-0.009	191.4	-0.0089	839.80	-0.014	183.7	-0.0027
839.83	-0.008	191.4	-0.0062	839.83	-0.014	183.7	0.0009
839.87	-0.006	191.6	-0.0036	839.87	-0.013	183.9	0.0062
839.90	-0.004	191.7	-0.0009	839.90	-0.009	184.2	0.0115
839.93	-0.002	191.9	0.0036	839.93	-0.006	184.5	0.0178
839.97	0	192.1	0.0036	839.97	-0.004	184.7	0.024
840.00	0.002	192.3	0.0071	840.00	0	185.2	0.024
840.03	0.002	192.3	0.0098	840.03	0.004	185.5	0.0337
840.07	0.004	192.4	0.0142	840.07	0.004	185.5	0.0399
840.10	0.006	192.7	0.0178	840.10	0.005	185.9	0.0479
840.13	0.009	192.9	0.0213	840.13	0.01	186.4	0.0559
840.17	0.01	193.1	0.0249	840.17	0.013	186.7	0.063
840.20	0.012	193.4	0.0249	840.20	0.015	187.1	0.0701
840.23	0.015	193.7	0.0302	840.23	0.019	187.7	0.0701
840.27	0.015	193.7	0.0337	840.27	0.022	188	0.079
840.30	0.016	193.9	0.0373	840.30	0.022	188	0.0861
840.33	0.018	194.2	0.0408	840.33	0.023	188.4	0.0932
840.37	0.02	194.4	0.0435	840.37	0.027	189	0.1003
840.40	0.021	194.6	0.047	840.40	0.03	189.3	0.1065
840.43	0.023	194.9	0.047	840.43	0.031	189.7	0.111
840.47	0.025	195.1	0.0497	840.47	0.033	190.1	0.111
840.50	0.025	195.1	0.0524	840.50	0.036	190.4	0.1163
840.53	0.025	195.3	0.0541	840.53	0.036	190.4	0.1216
840.57	0.026	195.6	0.0559	840.57	0.036	190.7	0.1243
840.60	0.027	195.8	0.0577	840.60	0.038	191.1	0.1278
840.65	0.027	195.9	0.0586	840.63	0.039	191.3	0.1305
840.68	0.028	196.1	0.0595	840.67	0.039	191.6	0.1314
840.70	0.029	196.2	0.0604	840.70	0.04	191.8	0.134
840.73	0.029	196.4	0.0612	840.73	0.04	192	0.134
840.77	0.029	196.5	0.0612	840.77	0.04	192	0.134
840.80	0.029	196.6	0.0612	840.80	0.04	192.2	0.1349
840.83	0.028	196.6	0.0612	840.83	0.04	192.3	0.1349
840.87	0.028	196.6	0.0612	840.87	0.04	192.5	0.1349
840.90	0.028	196.7	0.0604	840.90	0.039	192.6	0.134
840.93	0.027	196.7	0.0595	840.93	0.038	192.6	0.1314
840.97	0.026	196.8	0.0577	840.97	0.035	192.6	0.1314
841.00	0.025	196.7	0.0568	841.00	0.034	192.6	0.1287
841.03	0.023	196.7	0.0568	841.03	0.034	192.5	0.1269
841.07	0.022	196.7	0.055	841.08	0.03	192.4	0.1234
841.10	0.022	196.7	0.0524	841.12	0.029	192.4	0.1216
841.13	0.021	196.6	0.0497	841.13	0.029	192.3	0.1181
841.17	0.018	196.4	0.047	841.17	0.026	192.1	0.1127
841.20	0.017	196.4	0.0453	841.20	0.022	191.9	0.1074
841.23	0.016	196.2	0.0417	841.23	0.02	191.7	0.103
841.27	0.012	196	0.0417	841.27	0.019	191.4	0.0968
841.30	0.011	196	0.0382	841.30	0.013	191.1	0.0968
841.33	0.011	195.9	0.0355	841.33	0.011	191.1	0.0897
841.37	0.009	195.7	0.0311	841.37	0.011	190.8	0.0834
841.40	0.006	195.4	0.0275	841.40	0.009	190.4	0.0754
841.43	0.005	195.2	0.024	841.43	0.003	190	0.0666
841.47	0.004	194.9	0.0195	841.47	0.002	189.7	0.0604
841.50	-0.001	194.7	0.0195	841.50	0	189.3	0.0524
841.53	-0.001	194.7	0.0151	841.53	-0.006	188.7	0.0524
841.57	-0.001	194.5	0.0124	841.57	-0.007	188.7	0.0435
841.60	-0.002	194.2	0.008	841.60	-0.007	188.4	0.0373
841.63	-0.006	193.9	0.0036	841.63	-0.009	187.9	0.0302
841.67	-0.007	193.7	0.0009	841.67	-0.014	187.4	0.0204
841.70	-0.008	193.4	-0.0018	841.70	-0.016	187	0.0151
841.73	-0.011	193.1	-0.0018	841.73	-0.017	186.5	0.0089
841.77	-0.012	193.1	-0.0053	841.77	-0.021	186	0.0089

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
841.80	-0.012	192.9	-0.008	841.80	-0.022	186	0.0027
841.83	-0.013	192.7	-0.0107	841.83	-0.022	185.7	-0.0018
841.87	-0.015	192.5	-0.0133	841.87	-0.023	185.3	-0.0062
841.90	-0.015	192.3	-0.0142	841.90	-0.026	184.9	-0.0098
841.93	-0.015	192.1	-0.016	841.93	-0.027	184.6	-0.0124
841.97	-0.016	191.9	-0.016	841.97	-0.027	184.4	-0.0151
842.00	-0.017	191.9	-0.0169	842.00	-0.028	184.1	-0.0151
842.03	-0.017	191.7	-0.0178	842.03	-0.029	184.1	-0.0178
842.07	-0.017	191.6	-0.0186	842.07	-0.029	183.8	-0.0186
842.12	-0.017	191.4	-0.0195	842.10	-0.029	183.7	-0.0186
842.15	-0.017	191.3	-0.0195	842.13	-0.029	183.5	-0.0195
842.17	-0.017	191.2	-0.0195	842.17	-0.028	183.3	-0.0195
842.20	-0.016	191.2	-0.0186	842.20	-0.028	183.2	-0.0186
842.23	-0.016	191.2	-0.0178	842.23	-0.026	183.2	-0.0186
842.27	-0.015	191.1	-0.0169	842.27	-0.025	183.2	-0.0169
842.30	-0.014	191.2	-0.0169	842.30	-0.025	183.2	-0.0151
842.33	-0.013	191.2	-0.016	842.33	-0.024	183.2	-0.0133
842.37	-0.013	191.2	-0.0142	842.37	-0.022	183.3	-0.0107
842.40	-0.012	191.2	-0.0124	842.40	-0.019	183.4	-0.008
842.43	-0.01	191.3	-0.0107	842.43	-0.018	183.5	-0.0036
842.47	-0.008	191.4	-0.008	842.47	-0.015	183.8	-0.0036
842.50	-0.008	191.4	-0.0053	842.52	-0.012	183.9	0.0044
842.53	-0.005	191.6	-0.0053	842.55	-0.012	184	0.008
842.57	-0.003	191.8	-0.0027	842.58	-0.008	184.4	0.008
842.60	-0.003	191.8	0.0009	842.60	-0.005	184.6	0.0142
842.63	-0.002	191.9	0.0044	842.63	-0.005	184.6	0.0204
842.67	0.001	192.2	0.008	842.67	-0.003	184.9	0.0284
842.70	0.003	192.3	0.0115	842.70	0.002	185.4	0.0373
842.73	0.005	192.5	0.016	842.73	0.005	185.7	0.0426
842.77	0.007	192.8	0.0195	842.77	0.007	186	0.0515
842.80	0.01	193	0.0195	842.80	0.011	186.5	0.0515
842.83	0.01	193	0.0231	842.83	0.014	187	0.0595
842.87	0.011	193.2	0.0275	842.87	0.014	187	0.0657
842.90	0.013	193.5	0.0311	842.90	0.016	187.3	0.0737
842.93	0.016	193.8	0.0355	842.93	0.02	187.8	0.0817
842.97	0.017	194	0.0391	842.97	0.023	188.2	0.0888
843.00	0.019	194.3	0.0417	843.00	0.024	188.6	0.0959
843.03	0.021	194.5	0.0417	843.03	0.028	189.1	0.0959
843.07	0.022	194.5	0.0453	843.07	0.031	189.5	0.1021
843.10	0.022	194.7	0.0479	843.10	0.031	189.5	0.1083
843.13	0.023	195	0.0506	843.13	0.032	189.8	0.1136
843.17	0.025	195.2	0.0533	843.17	0.034	190.2	0.1189
843.20	0.026	195.4	0.055	843.20	0.036	190.5	0.1225
843.23	0.026	195.6	0.0568	843.23	0.037	190.8	0.126
843.27	0.028	195.8	0.0568	843.27	0.038	191.2	0.1287
843.30	0.028	195.8	0.0586	843.30	0.039	191.5	0.1287
843.33	0.028	196	0.0595	843.33	0.039	191.5	0.1314
843.37	0.028	196.2	0.0595	843.37	0.04	191.7	0.1331
843.40	0.029	196.3	0.0604	843.40	0.04	191.9	0.134
843.43	0.029	196.4	0.0612	843.43	0.04	192.1	0.134
843.47	0.029	196.5	0.0612	843.47	0.04	192.2	0.1349
843.50	0.029	196.6	0.0612	843.50	0.04	192.4	0.1349
843.55	0.028	196.7	0.0604	843.53	0.04	192.5	0.1349
843.58	0.028	196.7	0.0604	843.57	0.038	192.5	0.1349
843.62	0.026	196.7	0.0604	843.60	0.038	192.6	0.1323
843.63	0.026	196.7	0.0586	843.63	0.037	192.6	0.1305
843.67	0.026	196.7	0.0577	843.67	0.034	192.5	0.1278
843.70	0.025	196.7	0.0559	843.70	0.033	192.5	0.126
843.73	0.022	196.6	0.0533	843.73	0.031	192.4	0.1216
843.77	0.022	196.6	0.0515	843.77	0.028	192.2	0.1216
843.80	0.02	196.5	0.0488	843.80	0.026	192.2	0.1181
843.83	0.017	196.4	0.0488	843.83	0.026	192.1	0.1136
843.87	0.016	196.4	0.0462	843.87	0.024	191.9	0.1092

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
843.90	0.016	196.3	0.0435	843.90	0.019	191.6	0.103
843.93	0.015	196.1	0.0408	843.93	0.018	191.5	0.0976
843.97	0.011	195.9	0.0364	843.98	0.016	191.1	0.0905
844.00	0.01	195.8	0.0337	844.02	0.012	190.9	0.0861
844.03	0.009	195.6	0.0302	844.03	0.01	190.6	0.0799
844.07	0.005	195.3	0.0302	844.07	0.008	190.1	0.0719
844.10	0.004	195.3	0.0249	844.10	0.002	189.7	0.0719
844.13	0.004	195.1	0.0222	844.13	0.001	189.7	0.063
844.17	0.002	194.9	0.0178	844.17	0.001	189.4	0.0568
844.20	-0.001	194.6	0.0133	844.20	-0.002	188.9	0.0488
844.23	-0.002	194.4	0.0107	844.23	-0.007	188.4	0.0399
844.27	-0.003	194.1	0.0071	844.27	-0.008	188.1	0.0346
844.30	-0.007	193.7	0.0071	844.30	-0.01	187.6	0.0257
844.33	-0.008	193.7	0.0027	844.33	-0.016	187.1	0.0257
844.37	-0.008	193.5	0	844.37	-0.016	187.1	0.0169
844.40	-0.009	193.3	-0.0036	844.40	-0.016	186.7	0.0124
844.43	-0.012	193	-0.0071	844.43	-0.018	186.2	0.0053
844.47	-0.012	192.8	-0.0089	844.47	-0.022	185.8	0
844.50	-0.013	192.6	-0.0115	844.50	-0.023	185.5	-0.0036
844.53	-0.015	192.3	-0.0115	844.53	-0.024	185.1	-0.008
844.57	-0.016	192.3	-0.0142	844.57	-0.026	184.7	-0.008
844.60	-0.016	192.1	-0.0151	844.60	-0.027	184.7	-0.0115
844.63	-0.016	192	-0.0169	844.63	-0.027	184.4	-0.0142
844.67	-0.017	191.8	-0.0178	844.67	-0.027	184.2	-0.016
844.70	-0.017	191.6	-0.0186	844.70	-0.029	183.9	-0.0178
844.73	-0.017	191.5	-0.0186	844.73	-0.029	183.7	-0.0186
844.77	-0.017	191.4	-0.0186	844.77	-0.029	183.5	-0.0195
844.80	-0.017	191.4	-0.0186	844.80	-0.029	183.4	-0.0195
844.83	-0.017	191.3	-0.0195	844.83	-0.028	183.3	-0.0195
844.87	-0.017	191.2	-0.0186	844.87	-0.028	183.3	-0.0195
844.90	-0.016	191.2	-0.0178	844.90	-0.027	183.2	-0.0178
844.93	-0.015	191.2	-0.0169	844.93	-0.026	183.2	-0.016
844.97	-0.014	191.2	-0.0151	844.97	-0.024	183.2	-0.0151
845.02	-0.013	191.2	-0.0142	845.00	-0.023	183.2	-0.0124
845.05	-0.012	191.2	-0.0133	845.03	-0.021	183.4	-0.0124
845.07	-0.012	191.2	-0.0115	845.07	-0.018	183.4	-0.0089
845.10	-0.009	191.3	-0.0115	845.10	-0.018	183.4	-0.0062
845.13	-0.008	191.4	-0.0089	845.13	-0.017	183.5	-0.0018
845.17	-0.008	191.4	-0.0071	845.17	-0.014	183.8	0.0027
845.20	-0.006	191.5	-0.0036	845.20	-0.011	184	0.0071
845.23	-0.004	191.7	-0.0009	845.23	-0.009	184.2	0.0133
845.27	-0.002	191.8	0.0027	845.27	-0.005	184.6	0.0133
845.30	-0.001	192	0.0062	845.30	-0.002	184.9	0.0204
845.33	0.002	192.2	0.0062	845.33	-0.002	184.9	0.0275
845.37	0.004	192.4	0.0098	845.37	0	185.2	0.0346
845.40	0.004	192.4	0.0133	845.40	0.004	185.7	0.0426
845.43	0.005	192.6	0.0169	845.45	0.008	186	0.0497
845.47	0.008	192.9	0.0204	845.48	0.008	186.3	0.0541
845.50	0.011	193.1	0.0249	845.50	0.012	186.7	0.0621
845.53	0.012	193.3	0.0293	845.53	0.016	187.2	0.0692
845.57	0.015	193.6	0.0293	845.57	0.017	187.5	0.0772
845.60	0.017	193.8	0.0337	845.60	0.021	188	0.0852
845.63	0.017	193.8	0.0373	845.63	0.024	188.4	0.0852
845.67	0.017	194	0.0399	845.67	0.024	188.4	0.0923
845.70	0.019	194.4	0.0435	845.70	0.026	188.8	0.0985
845.73	0.021	194.6	0.0462	845.73	0.028	189.3	0.1056
845.77	0.022	194.8	0.0488	845.77	0.032	189.7	0.111
845.80	0.024	195.1	0.0488	845.80	0.033	190	0.1154
845.83	0.025	195.3	0.0515	845.83	0.034	190.3	0.1198
845.87	0.025	195.3	0.0541	845.87	0.037	190.7	0.1198
845.90	0.026	195.5	0.0559	845.90	0.037	190.7	0.1234
845.93	0.027	195.7	0.0577	845.93	0.037	191	0.126
845.97	0.028	195.9	0.0595	845.97	0.038	191.3	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
846.00	0.028	196.1	0.0595	846.00	0.04	191.6	0.1323
846.03	0.028	196.2	0.0604	846.03	0.04	191.8	0.1331
846.07	0.029	196.3	0.0604	846.07	0.04	192	0.134
846.10	0.029	196.3	0.0612	846.10	0.04	192.1	0.134
846.13	0.029	196.4	0.0612	846.13	0.04	192.1	0.134
846.17	0.029	196.5	0.0612	846.17	0.04	192.3	0.1349
846.20	0.029	196.6	0.0612	846.20	0.04	192.4	0.134
846.23	0.028	196.7	0.0595	846.23	0.039	192.5	0.134
846.27	0.027	196.7	0.0595	846.27	0.038	192.6	0.1323
846.30	0.025	196.7	0.0595	846.30	0.036	192.5	0.1287
846.33	0.025	196.7	0.0577	846.33	0.033	192.5	0.1287
846.37	0.025	196.7	0.0568	846.37	0.032	192.5	0.126
846.40	0.024	196.7	0.0541	846.40	0.032	192.5	0.1252
846.45	0.021	196.6	0.0515	846.43	0.031	192.4	0.1207
846.48	0.021	196.5	0.0506	846.47	0.026	192.2	0.1154
846.52	0.02	196.5	0.0479	846.50	0.025	192.1	0.1127
846.53	0.017	196.3	0.0453	846.53	0.023	191.9	0.1065
846.57	0.016	196.2	0.0426	846.57	0.019	191.5	0.1065
846.60	0.014	196	0.0391	846.60	0.017	191.3	0.1012
846.63	0.011	195.8	0.0391	846.63	0.017	191.3	0.0959
846.67	0.009	195.8	0.0355	846.67	0.015	191.1	0.0888
846.70	0.009	195.7	0.032	846.70	0.009	190.6	0.0799
846.73	0.008	195.4	0.0284	846.73	0.007	190.3	0.0737
846.77	0.005	195.2	0.024	846.77	0.005	189.9	0.0657
846.80	0.003	195	0.0204	846.80	0	189.4	0.0657
846.83	0.002	194.7	0.016	846.83	-0.002	189	0.0577
846.87	-0.002	194.4	0.016	846.88	-0.005	188.7	0.0453
846.90	-0.003	194.2	0.0115	846.92	-0.006	188.3	0.0453
846.93	-0.003	194.2	0.0089	846.95	-0.01	187.9	0.0399
846.97	-0.004	194	0.0053	846.97	-0.01	187.9	0.032
847.00	-0.007	193.7	0.0009	847.00	-0.011	187.5	0.0231
847.03	-0.009	193.4	-0.0018	847.03	-0.016	186.8	0.0151
847.07	-0.01	193.2	-0.0044	847.07	-0.018	186.5	0.0098
847.10	-0.012	192.9	-0.0044	847.10	-0.019	186.1	0.0044
847.13	-0.013	192.7	-0.008	847.13	-0.022	185.6	0.0044
847.17	-0.013	192.7	-0.0098	847.17	-0.024	185.3	-0.0009
847.20	-0.014	192.5	-0.0133	847.20	-0.024	185.3	-0.0053
847.23	-0.015	192.2	-0.0151	847.23	-0.025	185	-0.0089
847.27	-0.016	192	-0.016	847.27	-0.026	184.6	-0.0124
847.30	-0.016	191.9	-0.0169	847.30	-0.028	184.3	-0.0151
847.33	-0.017	191.7	-0.0169	847.33	-0.028	184.1	-0.016
847.37	-0.017	191.6	-0.0178	847.37	-0.028	183.8	-0.016
847.40	-0.017	191.6	-0.0186	847.40	-0.029	183.6	-0.0178
847.43	-0.017	191.4	-0.0195	847.43	-0.029	183.6	-0.0186
847.47	-0.017	191.3	-0.0195	847.47	-0.029	183.5	-0.0195
847.50	-0.017	191.3	-0.0195	847.50	-0.029	183.3	-0.0195
847.53	-0.017	191.2	-0.0186	847.53	-0.028	183.2	-0.0186
847.57	-0.016	191.2	-0.0186	847.57	-0.027	183.2	-0.0169
847.60	-0.015	191.2	-0.0178	847.60	-0.025	183.2	-0.0151
847.63	-0.015	191.2	-0.0169	847.63	-0.023	183.2	-0.0151
847.67	-0.014	191.2	-0.0151	847.67	-0.023	183.2	-0.0133
847.70	-0.012	191.2	-0.0133	847.70	-0.023	183.2	-0.0115
847.73	-0.011	191.2	-0.0115	847.73	-0.021	183.4	-0.008
847.77	-0.01	191.3	-0.0098	847.77	-0.017	183.5	-0.0044
847.80	-0.008	191.4	-0.0071	847.80	-0.016	183.6	0
847.83	-0.006	191.5	-0.0071	847.83	-0.014	183.9	0.0044
847.87	-0.006	191.5	-0.0044	847.87	-0.009	184.1	0.0044
847.92	-0.003	191.8	0.0009	847.90	-0.008	184.1	0.0098
847.95	-0.002	191.9	0.0009	847.93	-0.008	184.3	0.016
847.97	-0.002	191.9	0.0027	847.97	-0.005	184.7	0.0222
848.00	0	192	0.0071	848.00	0	185.1	0.0311
848.03	0.002	192.3	0.0115	848.03	0.001	185.3	0.0373
848.07	0.005	192.5	0.0151	848.07	0.004	185.8	0.0453

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
848.10	0.006	192.7	0.0186	848.10	0.009	186.2	0.0453
848.13	0.009	193	0.0222	848.13	0.011	186.2	0.0541
848.17	0.012	193.2	0.0222	848.17	0.011	186.5	0.0604
848.20	0.012	193.2	0.0257	848.20	0.014	187.1	0.0675
848.23	0.012	193.4	0.0302	848.23	0.018	187.5	0.0763
848.27	0.014	193.7	0.0346	848.27	0.02	187.8	0.0826
848.30	0.017	193.9	0.0382	848.30	0.022	188.3	0.0897
848.33	0.018	194.2	0.0408	848.35	0.027	188.7	0.0976
848.37	0.02	194.5	0.0444	848.38	0.027	189	0.1021
848.40	0.022	194.7	0.0444	848.40	0.029	189.5	0.1074
848.43	0.023	194.7	0.0479	848.43	0.033	189.8	0.1074
848.47	0.023	194.9	0.0506	848.47	0.033	189.8	0.1136
848.50	0.024	195.1	0.0524	848.50	0.033	190.1	0.1172
848.53	0.026	195.4	0.055	848.53	0.035	190.5	0.1216
848.57	0.026	195.6	0.0568	848.57	0.038	190.9	0.126
848.60	0.027	195.8	0.0577	848.60	0.038	191.2	0.1278
848.63	0.028	196	0.0577	848.63	0.039	191.4	0.1305
848.67	0.029	196	0.0586	848.67	0.04	191.7	0.1305
848.70	0.029	196.1	0.0595	848.70	0.04	191.7	0.1331
848.73	0.029	196.2	0.0604	848.73	0.04	191.9	0.134
848.77	0.029	196.4	0.0604	848.77	0.04	192.1	0.1349
848.80	0.029	196.5	0.0604	848.80	0.04	192.2	0.1349
848.83	0.028	196.6	0.0604	848.83	0.04	192.4	0.1349
848.87	0.028	196.6	0.0604	848.87	0.04	192.5	0.1349
848.90	0.028	196.6	0.0604	848.90	0.038	192.5	0.1349
848.93	0.028	196.7	0.0595	848.93	0.037	192.5	0.1331
848.97	0.026	196.7	0.0577	848.97	0.037	192.6	0.1314
849.00	0.025	196.6	0.0559	849.00	0.036	192.6	0.1287
849.03	0.024	196.6	0.055	849.03	0.033	192.5	0.126
849.07	0.023	196.6	0.0524	849.07	0.031	192.4	0.1234
849.10	0.02	196.5	0.0524	849.10	0.03	192.3	0.1189
849.13	0.02	196.5	0.0506	849.13	0.025	192.1	0.1189
849.17	0.02	196.5	0.0488	849.17	0.024	192.1	0.1145
849.20	0.018	196.3	0.0453	849.20	0.024	192	0.1101
849.23	0.015	196.1	0.0417	849.23	0.022	191.8	0.1047
849.27	0.014	196	0.0399	849.27	0.017	191.4	0.0976
849.30	0.012	195.9	0.0355	849.30	0.015	191.2	0.0923
849.33	0.009	195.7	0.0355	849.33	0.013	190.9	0.0852
849.38	0.009	195.5	0.0302	849.37	0.008	190.4	0.0852
849.42	0.007	195.3	0.0257	849.40	0.005	190.1	0.0772
849.43	0.003	195	0.0257	849.43	0.005	190.1	0.071
849.47	0.002	194.8	0.0213	849.47	0.004	189.8	0.063
849.50	0.002	194.8	0.0186	849.50	-0.002	189.2	0.0541
849.53	0.001	194.6	0.0142	849.53	-0.004	188.9	0.0479
849.57	-0.003	194.3	0.0098	849.57	-0.005	188.5	0.0399
849.60	-0.004	194.1	0.0071	849.60	-0.01	187.9	0.0399
849.63	-0.005	193.8	0.0036	849.63	-0.012	187.5	0.0311
849.67	-0.008	193.5	0.0036	849.67	-0.012	187.5	0.024
849.70	-0.009	193.3	0	849.70	-0.014	187.1	0.0169
849.73	-0.009	193.3	-0.0027	849.73	-0.018	186.5	0.0098
849.77	-0.01	193.1	-0.0062	849.78	-0.02	186.1	0.0044
849.80	-0.012	192.8	-0.0089	849.82	-0.02	185.8	0.0018
849.83	-0.014	192.6	-0.0115	849.85	-0.022	185.4	-0.0027
849.87	-0.014	192.4	-0.0133	849.87	-0.025	185.1	-0.0071
849.90	-0.015	192.1	-0.0133	849.90	-0.025	184.8	-0.0107
849.93	-0.016	191.9	-0.0151	849.93	-0.027	184.4	-0.0107
849.97	-0.016	191.9	-0.0169	849.97	-0.028	184.1	-0.0133
850.00	-0.016	191.8	-0.0169	850.00	-0.028	184.1	-0.016
850.03	-0.017	191.6	-0.0178	850.03	-0.028	183.9	-0.0169
850.07	-0.017	191.5	-0.0186	850.07	-0.029	183.7	-0.0186
850.10	-0.017	191.4	-0.0195	850.10	-0.029	183.5	-0.0186
850.13	-0.017	191.3	-0.0195	850.13	-0.028	183.4	-0.0195
850.17	-0.017	191.2	-0.0195	850.17	-0.028	183.2	-0.0195

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
850.20	-0.016	191.2	-0.0186	850.20	-0.028	183.1	-0.0195
850.23	-0.016	191.2	-0.0186	850.23	-0.026	183.1	-0.0186
850.27	-0.016	191.1	-0.0178	850.27	-0.026	183.1	-0.0169
850.30	-0.014	191.1	-0.016	850.30	-0.025	183.1	-0.0151
850.33	-0.014	191.1	-0.0151	850.33	-0.023	183.2	-0.0124
850.37	-0.013	191.2	-0.0133	850.37	-0.022	183.2	-0.0098
850.40	-0.01	191.2	-0.0133	850.40	-0.02	183.4	-0.0062
850.43	-0.009	191.2	-0.0107	850.43	-0.016	183.5	-0.0062
850.47	-0.009	191.3	-0.0089	850.47	-0.015	183.5	-0.0027
850.50	-0.008	191.4	-0.0062	850.50	-0.015	183.7	0.0018
850.53	-0.005	191.5	-0.0036	850.53	-0.012	183.9	0.0062
850.57	-0.004	191.7	0	850.57	-0.008	184.2	0.0124
850.60	-0.002	191.9	0.0027	850.60	-0.006	184.4	0.0186
850.63	0.001	192	0.0027	850.63	-0.004	184.8	0.0249
850.67	0.001	192	0.0062	850.67	0.001	185.2	0.0249
850.70	0.001	192.2	0.0098	850.70	0.002	185.2	0.0346
850.73	0.004	192.5	0.0142	850.73	0.002	185.5	0.0408
850.77	0.008	192.7	0.0186	850.77	0.005	185.9	0.0488
850.82	0.008	192.9	0.0213	850.80	0.011	186.4	0.0577
850.85	0.009	193.1	0.0231	850.83	0.012	186.7	0.0639
850.87	0.012	193.3	0.0275	850.87	0.015	187.2	0.0719
850.90	0.013	193.5	0.0311	850.90	0.02	187.7	0.0719
850.93	0.015	193.8	0.0364	850.93	0.021	187.7	0.0799
850.97	0.019	194.1	0.0364	850.97	0.021	188	0.0861
851.00	0.019	194.1	0.0399	851.00	0.023	188.5	0.0932
851.03	0.019	194.2	0.0426	851.03	0.028	188.9	0.1012
851.07	0.02	194.5	0.0462	851.07	0.029	189.2	0.1056
851.10	0.023	194.7	0.0488	851.10	0.031	189.7	0.1118
851.13	0.023	195	0.0506	851.13	0.034	190.1	0.1118
851.17	0.025	195.2	0.0533	851.17	0.035	190.1	0.1172
851.20	0.027	195.5	0.0533	851.20	0.035	190.4	0.1216
851.23	0.027	195.5	0.0559	851.25	0.038	191	0.1252
851.27	0.027	195.6	0.0577	851.28	0.038	191	0.1269
851.30	0.027	195.8	0.0586	851.30	0.038	191.2	0.1296
851.33	0.028	196	0.0595	851.33	0.039	191.5	0.1314
851.37	0.029	196.2	0.0604	851.37	0.04	191.8	0.1331
851.40	0.029	196.3	0.0604	851.40	0.04	191.9	0.134
851.43	0.029	196.4	0.0604	851.43	0.04	192.1	0.1349
851.47	0.028	196.4	0.0604	851.47	0.04	192.3	0.1349
851.50	0.028	196.5	0.0604	851.50	0.04	192.3	0.1349
851.53	0.028	196.6	0.0604	851.53	0.04	192.4	0.1349
851.57	0.028	196.6	0.0604	851.57	0.039	192.5	0.1349
851.60	0.027	196.7	0.0595	851.60	0.038	192.6	0.1331
851.63	0.026	196.7	0.0577	851.63	0.036	192.6	0.1305
851.67	0.024	196.7	0.0577	851.67	0.035	192.6	0.1278
851.70	0.023	196.7	0.0559	851.70	0.032	192.5	0.1278
851.73	0.023	196.6	0.055	851.73	0.03	192.4	0.1252
851.77	0.022	196.6	0.0524	851.77	0.03	192.4	0.1216
851.80	0.02	196.5	0.0497	851.80	0.029	192.3	0.1172
851.83	0.019	196.4	0.047	851.83	0.025	192	0.1127
851.87	0.017	196.3	0.0444	851.87	0.023	191.9	0.1083
851.90	0.014	196.1	0.0444	851.90	0.021	191.7	0.1021
851.93	0.013	196.1	0.0417	851.93	0.016	191.3	0.1021
851.97	0.013	196	0.0382	851.97	0.014	191	0.0959
852.00	0.011	195.8	0.0346	852.00	0.014	191	0.0897
852.03	0.008	195.5	0.0302	852.03	0.012	190.8	0.0826
852.07	0.006	195.3	0.0275	852.07	0.007	190.3	0.0737
852.10	0.005	195.1	0.0231	852.10	0.004	189.9	0.0666
852.13	0.002	194.8	0.0231	852.13	0.002	189.6	0.0595
852.17	0.001	194.6	0.0186	852.17	-0.002	189.1	0.0595
852.20	0.001	194.6	0.016	852.20	-0.005	188.7	0.0515
852.23	-0.001	194.4	0.0115	852.23	-0.005	188.7	0.0444
852.28	-0.005	193.9	0.0071	852.27	-0.007	188.3	0.0364

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
852.32	-0.005	193.9	0.0053	852.30	-0.011	187.7	0.0284
852.33	-0.006	193.7	0.0018	852.33	-0.014	187.3	0.0213
852.37	-0.009	193.3	-0.0018	852.37	-0.015	187	0.0142
852.40	-0.01	193.1	-0.0044	852.40	-0.019	186.3	0.0142
852.43	-0.011	192.9	-0.0071	852.43	-0.021	186	0.008
852.47	-0.012	192.6	-0.0071	852.47	-0.021	186	0.0027
852.50	-0.014	192.4	-0.0098	852.50	-0.022	185.6	-0.0018
852.53	-0.014	192.4	-0.0124	852.53	-0.024	185.2	-0.0062
852.57	-0.015	192.2	-0.0142	852.57	-0.026	184.8	-0.0098
852.60	-0.016	192	-0.016	852.60	-0.026	184.6	-0.0124
852.63	-0.016	191.8	-0.0169	852.63	-0.027	184.2	-0.0124
852.67	-0.017	191.6	-0.0178	852.68	-0.029	184	-0.0178
852.70	-0.017	191.5	-0.0178	852.72	-0.029	183.8	-0.0178
852.73	-0.018	191.4	-0.0186	852.75	-0.029	183.6	-0.0186
852.77	-0.018	191.4	-0.0195	852.77	-0.029	183.4	-0.0186
852.80	-0.018	191.3	-0.0195	852.80	-0.028	183.4	-0.0195
852.83	-0.017	191.2	-0.0186	852.83	-0.028	183.3	-0.0195
852.87	-0.016	191.2	-0.0186	852.87	-0.028	183.1	-0.0186
852.90	-0.016	191.1	-0.0178	852.90	-0.027	183.1	-0.0178
852.93	-0.015	191.1	-0.0178	852.93	-0.026	183.1	-0.016
852.97	-0.014	191.1	-0.016	852.97	-0.025	183.1	-0.0142
853.00	-0.014	191.1	-0.0151	853.00	-0.022	183.2	-0.0142
853.03	-0.013	191.1	-0.0142	853.03	-0.021	183.2	-0.0115
853.07	-0.012	191.2	-0.0115	853.07	-0.021	183.2	-0.0089
853.10	-0.01	191.2	-0.0098	853.10	-0.019	183.4	-0.0053
853.13	-0.009	191.3	-0.0071	853.13	-0.015	183.6	-0.0009
853.17	-0.007	191.5	-0.0053	853.17	-0.014	183.7	0.0036
853.20	-0.004	191.6	-0.0053	853.20	-0.012	184	0.0089
853.23	-0.004	191.6	-0.0018	853.23	-0.007	184.3	0.0089
853.27	-0.004	191.7	0.0009	853.27	-0.005	184.3	0.0151
853.30	-0.001	191.9	0.0053	853.30	-0.005	184.5	0.0213
853.33	0.002	192.1	0.0089	853.33	-0.003	184.9	0.0293
853.37	0.003	192.3	0.0124	853.37	0.003	185.3	0.0382
853.40	0.005	192.5	0.016	853.40	0.004	185.6	0.0435
853.43	0.008	192.8	0.016	853.43	0.007	186	0.0515
853.47	0.009	192.8	0.0195	853.47	0.012	186.5	0.0515
853.50	0.009	193	0.0231	853.50	0.013	186.5	0.0595
853.53	0.011	193.3	0.0284	853.53	0.013	186.8	0.0666
853.57	0.014	193.5	0.032	853.57	0.016	187.3	0.0746
853.60	0.015	193.7	0.0355	853.60	0.021	187.8	0.0834
853.63	0.017	194	0.0391	853.63	0.022	188.1	0.0888
853.67	0.02	194.2	0.0391	853.67	0.024	188.5	0.0959
853.72	0.021	194.4	0.0453	853.70	0.029	189	0.0959
853.75	0.021	194.6	0.047	853.73	0.03	189	0.1039
853.78	0.023	194.9	0.047	853.77	0.03	189.4	0.1083
853.80	0.024	194.9	0.0497	853.80	0.031	189.7	0.1136
853.83	0.024	195.1	0.0524	853.83	0.035	190.2	0.1189
853.87	0.025	195.4	0.055	853.87	0.036	190.5	0.1225
853.90	0.027	195.6	0.0568	853.90	0.037	190.8	0.126
853.93	0.027	195.8	0.0577	853.93	0.039	191.1	0.126
853.97	0.028	195.9	0.0595	853.97	0.039	191.4	0.1296
854.00	0.029	196.1	0.0595	854.00	0.039	191.4	0.1314
854.03	0.029	196.1	0.0604	854.03	0.04	191.6	0.1331
854.07	0.029	196.2	0.0604	854.07	0.04	191.8	0.134
854.10	0.029	196.4	0.0612	854.10	0.04	192	0.1349
854.13	0.029	196.4	0.0612	854.15	0.04	192.2	0.1349
854.17	0.028	196.5	0.0612	854.18	0.04	192.3	0.1349
854.20	0.028	196.6	0.0612	854.20	0.04	192.4	0.1349
854.23	0.027	196.6	0.0612	854.23	0.039	192.6	0.134
854.27	0.027	196.6	0.0604	854.27	0.038	192.5	0.1314
854.30	0.027	196.7	0.0586	854.30	0.035	192.5	0.1314
854.33	0.026	196.7	0.0568	854.33	0.034	192.5	0.1296
854.37	0.024	196.6	0.055	854.37	0.034	192.5	0.1278

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
854.40	0.023	196.6	0.0533	854.40	0.032	192.4	0.1243
854.43	0.022	196.5	0.0515	854.43	0.029	192.3	0.1198
854.47	0.019	196.4	0.0515	854.47	0.027	192.2	0.1163
854.50	0.018	196.4	0.0488	854.50	0.025	192	0.1118
854.53	0.018	196.3	0.0462	854.53	0.021	191.7	0.1118
854.57	0.016	196.2	0.0426	854.57	0.02	191.7	0.1056
854.60	0.013	196	0.0399	854.60	0.02	191.6	0.1003
854.63	0.012	195.9	0.0373	854.63	0.017	191.2	0.0941
854.67	0.011	195.7	0.0337	854.67	0.012	190.8	0.0861
854.70	0.007	195.4	0.0337	854.70	0.01	190.6	0.0799
854.73	0.006	195.4	0.0293	854.73	0.007	190.1	0.0719
854.77	0.006	195.2	0.0257	854.77	0.002	189.7	0.0719
854.80	0.004	195	0.0213	854.80	0.001	189.7	0.063
854.83	0.001	194.7	0.0169	854.83	0.001	189.4	0.0577
854.87	0	194.5	0.0142	854.87	-0.002	188.9	0.0488
854.90	-0.002	194.2	0.0089	854.90	-0.007	188.4	0.0408
854.93	-0.006	193.9	0.0089	854.93	-0.008	188.1	0.0346
854.97	-0.006	193.9	0.0053	854.97	-0.011	187.5	0.0257
855.00	-0.006	193.7	0.0027	855.00	-0.015	187.1	0.0257
855.03	-0.007	193.5	-0.0009	855.03	-0.016	187.1	0.0178
855.07	-0.011	193.2	-0.0053	855.07	-0.016	186.7	0.0124
855.10	-0.011	193	-0.0062	855.10	-0.018	186.2	0.0062
855.13	-0.012	192.7	-0.0089	855.13	-0.022	185.7	0
855.18	-0.014	192.5	-0.0115	855.17	-0.023	185.4	-0.0027
855.22	-0.014	192.3	-0.0124	855.20	-0.024	185.1	-0.0071
855.23	-0.015	192.1	-0.0151	855.23	-0.027	184.7	-0.0071
855.27	-0.016	191.9	-0.0151	855.27	-0.027	184.7	-0.0115
855.30	-0.017	191.9	-0.016	855.30	-0.027	184.4	-0.0133
855.33	-0.017	191.7	-0.0178	855.33	-0.028	184.2	-0.016
855.37	-0.017	191.6	-0.0186	855.37	-0.029	183.9	-0.0178
855.40	-0.017	191.4	-0.0186	855.40	-0.029	183.7	-0.0186
855.43	-0.017	191.3	-0.0186	855.43	-0.029	183.5	-0.0186
855.47	-0.017	191.2	-0.0186	855.47	-0.028	183.3	-0.0186
855.50	-0.017	191.2	-0.0186	855.50	-0.028	183.3	-0.0186
855.53	-0.016	191.2	-0.0186	855.53	-0.028	183.2	-0.0186
855.57	-0.016	191.1	-0.0178	855.57	-0.027	183.1	-0.0178
855.60	-0.016	191	-0.0169	855.62	-0.025	183.2	-0.016
855.63	-0.014	191.1	-0.016	855.65	-0.025	183.1	-0.0151
855.67	-0.014	191.1	-0.0142	855.67	-0.024	183.1	-0.0124
855.70	-0.012	191.1	-0.0124	855.70	-0.022	183.2	-0.0098
855.73	-0.01	191.2	-0.0124	855.73	-0.019	183.3	-0.0071
855.77	-0.009	191.2	-0.0107	855.77	-0.018	183.4	-0.0036
855.80	-0.009	191.3	-0.0089	855.80	-0.015	183.7	-0.0036
855.83	-0.008	191.3	-0.0053	855.83	-0.012	183.8	0.0018
855.87	-0.005	191.5	-0.0027	855.87	-0.012	183.8	0.0053
855.90	-0.004	191.6	0	855.90	-0.011	184	0.0115
855.93	-0.002	191.8	0.0036	855.93	-0.006	184.4	0.0186
855.97	0.001	192	0.0036	855.97	-0.003	184.7	0.024
856.00	0.002	192.2	0.0071	856.00	-0.002	185	0.032
856.03	0.002	192.2	0.0098	856.03	0.003	185.5	0.032
856.07	0.003	192.4	0.0142	856.07	0.006	185.8	0.0399
856.10	0.007	192.7	0.0186	856.10	0.006	185.8	0.047
856.13	0.009	192.8	0.0213	856.13	0.008	186.1	0.0541
856.17	0.01	193	0.0257	856.17	0.012	186.6	0.063
856.20	0.013	193.3	0.0257	856.20	0.016	187.1	0.0701
856.23	0.015	193.6	0.0302	856.23	0.017	187.4	0.0772
856.27	0.015	193.6	0.0337	856.27	0.021	187.9	0.0852
856.30	0.016	193.8	0.0373	856.30	0.024	188.4	0.0852
856.33	0.019	194.1	0.0408	856.33	0.024	188.4	0.0923
856.37	0.02	194.3	0.0444	856.37	0.026	188.7	0.0994
856.40	0.021	194.5	0.047	856.40	0.029	189.2	0.1065
856.43	0.023	194.8	0.047	856.43	0.032	189.6	0.1118
856.47	0.024	195	0.0497	856.47	0.033	189.9	0.1163

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
856.50	0.024	195	0.0524	856.50	0.035	190.3	0.1216
856.53	0.025	195.2	0.055	856.53	0.037	190.7	0.1216
856.57	0.026	195.5	0.0568	856.57	0.037	190.7	0.1252
856.62	0.027	195.7	0.0577	856.60	0.037	190.9	0.1278
856.65	0.028	195.8	0.0586	856.63	0.039	191.2	0.1305
856.68	0.028	196	0.0595	856.67	0.04	191.5	0.1331
856.70	0.028	196.2	0.0604	856.70	0.04	191.7	0.134
856.73	0.029	196.3	0.0612	856.73	0.04	191.9	0.1349
856.77	0.029	196.4	0.0612	856.77	0.04	192.1	0.1349
856.80	0.029	196.5	0.0612	856.80	0.04	192.1	0.1349
856.83	0.029	196.5	0.0612	856.83	0.04	192.2	0.1349
856.87	0.029	196.6	0.0612	856.87	0.04	192.4	0.1349
856.90	0.028	196.7	0.0612	856.90	0.039	192.5	0.1349
856.93	0.027	196.7	0.0595	856.93	0.038	192.5	0.1323
856.97	0.026	196.7	0.0586	856.97	0.036	192.5	0.1296
857.00	0.025	196.6	0.0568	857.00	0.033	192.5	0.1296
857.03	0.023	196.6	0.0568	857.05	0.032	192.4	0.126
857.07	0.022	196.6	0.055	857.08	0.032	192.4	0.1234
857.10	0.022	196.6	0.0533	857.12	0.028	192.2	0.1234
857.13	0.021	196.5	0.0506	857.13	0.026	192.2	0.1189
857.17	0.018	196.4	0.0479	857.17	0.026	192.1	0.1154
857.20	0.017	196.3	0.0453	857.20	0.024	191.9	0.1101
857.23	0.015	196.1	0.0417	857.23	0.02	191.6	0.1039
857.27	0.012	195.9	0.0417	857.27	0.018	191.4	0.0994
857.30	0.011	195.9	0.0382	857.30	0.016	191.2	0.0914
857.33	0.011	195.8	0.0355	857.33	0.011	190.7	0.0914
857.37	0.01	195.6	0.032	857.37	0.008	190.4	0.0834
857.40	0.006	195.3	0.0275	857.40	0.008	190.4	0.0772
857.43	0.005	195.1	0.024	857.43	0.006	190.1	0.0701
857.47	0.003	194.9	0.0195	857.47	0.001	189.6	0.0612
857.50	0	194.6	0.0195	857.50	-0.001	189.2	0.0541
857.53	-0.001	194.6	0.0151	857.53	-0.003	188.9	0.047
857.57	-0.001	194.4	0.0124	857.57	-0.008	188.3	0.047
857.60	-0.003	194.1	0.008	857.60	-0.01	187.9	0.0373
857.63	-0.006	193.8	0.0036	857.63	-0.01	187.9	0.032
857.67	-0.007	193.6	0.0018	857.67	-0.012	187.5	0.0231
857.70	-0.008	193.3	-0.0018	857.70	-0.016	187	0.016
857.73	-0.011	193	-0.0018	857.73	-0.018	186.5	0.0107
857.77	-0.012	193	-0.0053	857.77	-0.019	186.1	0.0044
857.80	-0.012	192.8	-0.008	857.80	-0.022	185.6	0.0044
857.83	-0.013	192.5	-0.0107	857.83	-0.024	185.3	-0.0018
857.87	-0.015	192.3	-0.0133	857.87	-0.024	185.3	-0.0053
857.90	-0.015	192.1	-0.0142	857.90	-0.025	185	-0.0089
857.93	-0.016	191.9	-0.016	857.93	-0.026	184.6	-0.0115
857.97	-0.017	191.8	-0.016	857.97	-0.028	184.3	-0.0142
858.00	-0.017	191.8	-0.0178	858.00	-0.028	184	-0.0169
858.03	-0.017	191.6	-0.0178	858.03	-0.028	183.8	-0.0169
858.08	-0.017	191.4	-0.0186	858.07	-0.029	183.6	-0.0178
858.12	-0.017	191.4	-0.0186	858.10	-0.029	183.6	-0.0186
858.13	-0.017	191.3	-0.0195	858.13	-0.029	183.4	-0.0186
858.17	-0.017	191.2	-0.0186	858.17	-0.028	183.3	-0.0186
858.20	-0.016	191.1	-0.0186	858.20	-0.028	183.2	-0.0186
858.23	-0.016	191	-0.0178	858.23	-0.027	183.1	-0.0169
858.27	-0.015	191	-0.0169	858.27	-0.026	183.1	-0.0151
858.30	-0.014	191.1	-0.0169	858.30	-0.024	183.2	-0.0151
858.33	-0.013	191.1	-0.0151	858.33	-0.022	183.2	-0.0133
858.37	-0.013	191.1	-0.0142	858.37	-0.022	183.2	-0.0107
858.40	-0.012	191.1	-0.0124	858.40	-0.021	183.3	-0.008
858.43	-0.01	191.2	-0.0098	858.43	-0.017	183.5	-0.0044
858.47	-0.009	191.2	-0.008	858.47	-0.016	183.6	-0.0009
858.50	-0.007	191.4	-0.0044	858.52	-0.014	183.9	0.0044
858.53	-0.004	191.5	-0.0044	858.55	-0.011	184	0.0071
858.57	-0.004	191.5	-0.0018	858.57	-0.009	184.1	0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
858.60	-0.004	191.7	0.0009	858.60	-0.007	184.5	0.0195
858.63	-0.002	191.9	0.0044	858.63	-0.001	184.9	0.0195
858.67	0.002	192.1	0.0089	858.67	0	184.9	0.0284
858.70	0.003	192.2	0.0115	858.70	0	185.1	0.0337
858.73	0.004	192.4	0.016	858.73	0.003	185.6	0.0426
858.77	0.008	192.7	0.016	858.77	0.008	186	0.0506
858.80	0.009	192.7	0.0204	858.80	0.01	186.3	0.0568
858.83	0.009	192.9	0.0231	858.83	0.012	186.8	0.0648
858.87	0.011	193.1	0.0275	858.87	0.017	187.3	0.0648
858.90	0.014	193.4	0.032	858.90	0.019	187.3	0.0737
858.93	0.015	193.6	0.0355	858.93	0.019	187.6	0.0799
858.97	0.017	193.9	0.0391	858.97	0.021	188.1	0.087
859.00	0.02	194.2	0.0391	859.00	0.025	188.5	0.0959
859.03	0.02	194.2	0.0426	859.03	0.027	188.9	0.1012
859.07	0.02	194.4	0.0453	859.07	0.029	189.3	0.1074
859.10	0.021	194.6	0.0479	859.10	0.033	189.7	0.1074
859.13	0.024	194.9	0.0515	859.13	0.033	189.7	0.1136
859.17	0.025	195.1	0.0533	859.17	0.033	190	0.1181
859.20	0.026	195.3	0.0559	859.20	0.035	190.4	0.1216
859.23	0.027	195.5	0.0559	859.23	0.038	190.8	0.126
859.27	0.028	195.7	0.0577	859.27	0.038	191	0.1287
859.30	0.028	195.7	0.0586	859.30	0.039	191.3	0.1314
859.33	0.028	195.9	0.0595	859.33	0.04	191.6	0.1314
859.37	0.028	196	0.0604	859.37	0.04	191.6	0.1331
859.40	0.029	196.2	0.0612	859.40	0.04	191.8	0.134
859.43	0.029	196.3	0.0612	859.43	0.04	192	0.1349
859.47	0.029	196.4	0.0612	859.47	0.04	192.1	0.1349
859.50	0.029	196.5	0.0612	859.50	0.04	192.3	0.1358
859.55	0.028	196.6	0.0612	859.53	0.04	192.4	0.1349
859.58	0.028	196.6	0.0612	859.57	0.038	192.5	0.1349
859.60	0.026	196.7	0.0604	859.60	0.037	192.5	0.1331
859.63	0.026	196.7	0.0586	859.63	0.037	192.5	0.1314
859.67	0.026	196.7	0.0577	859.67	0.035	192.5	0.1287
859.70	0.024	196.6	0.0559	859.70	0.033	192.4	0.126
859.73	0.023	196.6	0.055	859.73	0.031	192.4	0.1243
859.77	0.022	196.5	0.0515	859.77	0.029	192.3	0.1189
859.80	0.019	196.4	0.0515	859.80	0.026	192	0.1189
859.83	0.017	196.3	0.0488	859.83	0.024	191.9	0.1145
859.87	0.017	196.3	0.047	859.87	0.024	191.9	0.111
859.90	0.017	196.2	0.0435	859.90	0.022	191.7	0.1056
859.93	0.014	196	0.0399	859.95	0.017	191.2	0.0985
859.97	0.011	195.8	0.0364	859.98	0.017	191.2	0.0959
860.00	0.011	195.7	0.0337	860.02	0.015	191	0.0888
860.03	0.008	195.4	0.0337	860.03	0.009	190.5	0.0808
860.07	0.005	195.2	0.0302	860.07	0.006	190.2	0.0746
860.10	0.005	195.2	0.0257	860.10	0.005	189.9	0.0666
860.13	0.004	195	0.0213	860.13	0	189.3	0.0666
860.17	0.002	194.7	0.0178	860.17	-0.003	189	0.0577
860.20	-0.001	194.4	0.0133	860.20	-0.003	189	0.0515
860.23	-0.002	194.2	0.0098	860.23	-0.004	188.6	0.0435
860.27	-0.004	193.9	0.0062	860.27	-0.008	188.1	0.0355
860.30	-0.007	193.7	0.0062	860.30	-0.011	187.7	0.0284
860.33	-0.007	193.7	0.0027	860.33	-0.013	187.3	0.0204
860.37	-0.008	193.5	-0.0009	860.37	-0.016	186.6	0.0204
860.40	-0.009	193.1	-0.0044	860.40	-0.019	186.2	0.0133
860.43	-0.012	192.9	-0.0071	860.43	-0.019	186.2	0.0071
860.47	-0.012	192.7	-0.0089	860.47	-0.02	185.9	0.0018
860.50	-0.013	192.4	-0.0107	860.50	-0.023	185.4	-0.0027
860.53	-0.015	192.2	-0.0107	860.53	-0.025	185.1	-0.0071
860.57	-0.016	192.2	-0.0133	860.57	-0.026	184.8	-0.0098
860.60	-0.016	192	-0.0151	860.60	-0.027	184.4	-0.0124
860.63	-0.016	191.8	-0.0169	860.63	-0.028	184.2	-0.0124
860.67	-0.017	191.7	-0.0178	860.67	-0.028	184.2	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
860.70	-0.017	191.5	-0.0186	860.70	-0.028	183.9	-0.0169
860.73	-0.017	191.4	-0.0186	860.73	-0.029	183.7	-0.0178
860.77	-0.017	191.3	-0.0186	860.77	-0.029	183.5	-0.0186
860.80	-0.017	191.3	-0.0186	860.80	-0.029	183.3	-0.0186
860.83	-0.017	191.2	-0.0186	860.83	-0.028	183.2	-0.0186
860.87	-0.017	191.1	-0.0186	860.87	-0.027	183.1	-0.0186
860.90	-0.016	191.1	-0.0178	860.90	-0.026	183.1	-0.0178
860.93	-0.016	191.1	-0.0169	860.93	-0.026	183.1	-0.0169
860.98	-0.015	191.1	-0.016	860.97	-0.025	183.1	-0.0142
861.02	-0.014	191.1	-0.0151	861.00	-0.022	183.2	-0.0124
861.05	-0.012	191.1	-0.0133	861.03	-0.022	183.2	-0.0098
861.07	-0.011	191.2	-0.0107	861.07	-0.02	183.4	-0.0062
861.10	-0.009	191.2	-0.0107	861.10	-0.016	183.5	-0.0062
861.13	-0.008	191.2	-0.0089	861.13	-0.015	183.5	-0.0018
861.17	-0.008	191.3	-0.0062	861.17	-0.015	183.6	0.0018
861.20	-0.007	191.5	-0.0036	861.20	-0.013	183.9	0.0071
861.23	-0.004	191.6	0	861.23	-0.008	184.2	0.0133
861.27	-0.002	191.7	0.0027	861.27	-0.007	184.4	0.0186
861.30	-0.001	191.9	0.0062	861.30	-0.004	184.8	0.0257
861.33	0.002	192.2	0.0062	861.33	0.001	185.1	0.0257
861.37	0.004	192.2	0.0098	861.37	0.003	185.1	0.0346
861.40	0.004	192.3	0.0133	861.42	0.005	185.7	0.0453
861.43	0.005	192.6	0.0178	861.45	0.008	186.1	0.0453
861.47	0.009	192.8	0.0222	861.47	0.01	186.1	0.0506
861.50	0.01	193	0.0249	861.50	0.01	186.4	0.0586
861.53	0.011	193.2	0.0302	861.53	0.013	186.9	0.0675
861.57	0.015	193.5	0.0302	861.57	0.019	187.4	0.0772
861.60	0.016	193.5	0.0337	861.60	0.02	187.7	0.0826
861.63	0.016	193.7	0.0364	861.63	0.022	188.2	0.0905
861.67	0.017	194	0.0408	861.67	0.027	188.7	0.0905
861.70	0.021	194.3	0.0444	861.70	0.028	188.7	0.0985
861.73	0.021	194.5	0.0462	861.73	0.028	189	0.1039
861.77	0.022	194.7	0.0488	861.77	0.03	189.4	0.1101
861.80	0.025	195	0.0488	861.80	0.033	189.8	0.1163
861.83	0.025	195	0.0515	861.83	0.035	190.2	0.1198
861.87	0.025	195.1	0.0541	861.87	0.035	190.5	0.1234
861.90	0.026	195.4	0.0559	861.90	0.037	190.9	0.1234
861.93	0.027	195.6	0.0577	861.93	0.039	191.2	0.1278
861.97	0.028	195.8	0.0595	861.97	0.039	191.2	0.1296
862.00	0.028	196	0.0595	862.00	0.039	191.4	0.1323
862.03	0.029	196.1	0.0595	862.03	0.04	191.6	0.1331
862.07	0.029	196.2	0.0604	862.07	0.04	191.8	0.1349
862.10	0.029	196.2	0.0612	862.10	0.04	192	0.1349
862.13	0.029	196.3	0.0612	862.13	0.04	192.2	0.1349
862.17	0.029	196.4	0.0612	862.17	0.04	192.3	0.1349
862.20	0.028	196.5	0.0612	862.20	0.04	192.3	0.1349
862.23	0.028	196.6	0.0595	862.23	0.04	192.4	0.1349
862.27	0.027	196.6	0.0586	862.27	0.038	192.5	0.1331
862.30	0.025	196.6	0.0586	862.30	0.036	192.4	0.1305
862.33	0.025	196.6	0.0577	862.33	0.035	192.5	0.1287
862.37	0.025	196.6	0.0559	862.37	0.033	192.4	0.126
862.40	0.023	196.5	0.0541	862.40	0.03	192.3	0.126
862.45	0.021	196.5	0.0515	862.43	0.029	192.3	0.1225
862.48	0.021	196.5	0.0506	862.47	0.029	192.2	0.1189
862.50	0.02	196.3	0.0479	862.50	0.026	191.9	0.1136
862.53	0.017	196.2	0.0453	862.53	0.022	191.8	0.1083
862.57	0.016	196.1	0.0426	862.57	0.02	191.6	0.1039
862.60	0.014	195.9	0.0391	862.60	0.018	191.2	0.0976
862.63	0.01	195.7	0.0391	862.63	0.013	190.9	0.0976
862.67	0.01	195.7	0.0355	862.67	0.012	190.9	0.0905
862.70	0.01	195.6	0.032	862.70	0.012	190.7	0.0843
862.73	0.008	195.3	0.0284	862.73	0.009	190.2	0.0763
862.77	0.004	195	0.0231	862.77	0.003	189.8	0.0666

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
862.80	0.003	194.9	0.0204	862.80	0.002	189.5	0.0604
862.83	-0.002	194.6	0.016	862.83	-0.001	189	0.0524
862.87	-0.002	194.3	0.016	862.88	-0.004	188.7	0.047
862.90	-0.003	194.3	0.0115	862.92	-0.006	188.3	0.0408
862.93	-0.003	194.1	0.0089	862.93	-0.008	187.8	0.0337
862.97	-0.004	193.8	0.0053	862.97	-0.013	187.4	0.0337
863.00	-0.008	193.5	0.0009	863.00	-0.014	187.4	0.024
863.03	-0.008	193.3	-0.0018	863.03	-0.014	187	0.0186
863.07	-0.009	193	-0.0044	863.07	-0.016	186.4	0.0115
863.10	-0.012	192.8	-0.0044	863.10	-0.02	186	0.0053
863.13	-0.013	192.8	-0.008	863.13	-0.021	185.7	0.0009
863.17	-0.013	192.6	-0.0098	863.17	-0.023	185.2	-0.0036
863.20	-0.014	192.4	-0.0124	863.20	-0.026	184.9	-0.0036
863.23	-0.015	192.1	-0.0142	863.23	-0.026	184.9	-0.008
863.27	-0.016	192	-0.0151	863.27	-0.026	184.6	-0.0107
863.30	-0.016	191.8	-0.0169	863.30	-0.027	184.3	-0.0133
863.33	-0.017	191.6	-0.0169	863.33	-0.028	184	-0.016
863.37	-0.017	191.6	-0.0178	863.37	-0.028	183.8	-0.0178
863.40	-0.017	191.5	-0.0186	863.40	-0.029	183.6	-0.0186
863.43	-0.017	191.4	-0.0186	863.43	-0.029	183.4	-0.0186
863.47	-0.017	191.2	-0.0186	863.47	-0.028	183.4	-0.0186
863.50	-0.017	191.2	-0.0186	863.50	-0.028	183.3	-0.0186
863.53	-0.016	191.1	-0.0186	863.53	-0.028	183.1	-0.0186
863.57	-0.016	191.1	-0.0186	863.57	-0.027	183.1	-0.0169
863.60	-0.015	191.1	-0.0178	863.60	-0.026	183	-0.016
863.63	-0.015	191	-0.0169	863.63	-0.025	183.1	-0.0133
863.67	-0.014	191	-0.0151	863.67	-0.022	183.2	-0.0133
863.70	-0.012	191.1	-0.0133	863.70	-0.021	183.2	-0.0115
863.73	-0.011	191.2	-0.0115	863.73	-0.021	183.2	-0.0089
863.77	-0.01	191.2	-0.0098	863.77	-0.019	183.3	-0.0044
863.80	-0.008	191.3	-0.0098	863.80	-0.015	183.6	0
863.83	-0.006	191.3	-0.0062	863.83	-0.014	183.7	0.0027
863.88	-0.005	191.5	-0.0027	863.87	-0.012	183.9	0.0089
863.92	-0.003	191.6	-0.0027	863.90	-0.007	184.3	0.0089
863.95	-0.002	191.6	0	863.93	-0.005	184.5	0.0151
863.97	-0.002	191.8	0.0036	863.97	-0.005	184.5	0.0213
864.00	0	192	0.0071	864.00	-0.003	184.8	0.0293
864.03	0.004	192.2	0.0115	864.03	0.002	185.3	0.0382
864.07	0.005	192.4	0.0142	864.07	0.005	185.6	0.0444
864.10	0.006	192.6	0.0186	864.10	0.007	185.9	0.0515
864.13	0.01	192.9	0.0186	864.13	0.011	186.4	0.0515
864.17	0.011	193.1	0.0231	864.17	0.014	186.8	0.0595
864.20	0.011	193.1	0.0257	864.20	0.014	186.8	0.0666
864.23	0.013	193.3	0.0311	864.23	0.016	187.2	0.0746
864.27	0.015	193.6	0.0355	864.27	0.02	187.7	0.0826
864.30	0.017	193.8	0.0382	864.32	0.023	188.1	0.0897
864.33	0.018	194.1	0.0417	864.35	0.024	188.4	0.0941
864.37	0.02	194.4	0.0417	864.37	0.026	188.9	0.1003
864.40	0.022	194.6	0.0453	864.40	0.03	189.3	0.1065
864.43	0.022	194.6	0.0479	864.43	0.031	189.6	0.1118
864.47	0.023	194.8	0.0506	864.47	0.033	190	0.1181
864.50	0.025	195	0.0533	864.50	0.036	190.4	0.1181
864.53	0.026	195.2	0.055	864.53	0.036	190.4	0.1225
864.57	0.027	195.5	0.0568	864.57	0.036	190.7	0.126
864.60	0.027	195.7	0.0568	864.60	0.037	191	0.1287
864.63	0.028	195.9	0.0586	864.63	0.04	191.3	0.1314
864.67	0.028	195.9	0.0595	864.67	0.04	191.5	0.1323
864.70	0.028	196	0.0604	864.70	0.04	191.7	0.134
864.73	0.029	196.2	0.0612	864.73	0.04	191.9	0.134
864.77	0.029	196.3	0.0612	864.77	0.04	191.9	0.1349
864.80	0.029	196.4	0.0612	864.80	0.04	192.1	0.1358
864.83	0.029	196.5	0.0612	864.83	0.04	192.2	0.1358
864.87	0.028	196.5	0.0612	864.87	0.04	192.4	0.1358

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
864.90	0.027	196.5	0.0612	864.90	0.039	192.5	0.1349
864.93	0.027	196.6	0.0595	864.93	0.038	192.5	0.1323
864.97	0.026	196.6	0.0586	864.97	0.035	192.4	0.1323
865.00	0.025	196.6	0.0568	865.00	0.034	192.4	0.1296
865.03	0.024	196.6	0.0559	865.03	0.034	192.4	0.1278
865.07	0.023	196.5	0.0533	865.07	0.032	192.4	0.1243
865.10	0.02	196.4	0.0533	865.10	0.029	192.2	0.1207
865.13	0.02	196.4	0.0515	865.13	0.027	192.1	0.1172
865.17	0.02	196.4	0.0488	865.17	0.025	192	0.1127
865.20	0.018	196.2	0.0462	865.20	0.021	191.7	0.1127
865.23	0.014	196.1	0.0426	865.23	0.019	191.7	0.1074
865.27	0.014	196	0.0399	865.27	0.019	191.5	0.1021
865.30	0.013	195.7	0.0364	865.30	0.017	191.2	0.095
865.35	0.009	195.5	0.0328	865.33	0.012	190.8	0.0879
865.38	0.008	195.4	0.0302	865.37	0.01	190.5	0.0808
865.40	0.007	195.2	0.0257	865.40	0.008	190.2	0.0737
865.43	0.003	194.9	0.0257	865.43	0.003	189.7	0.0737
865.47	0.002	194.9	0.0222	865.47	0	189.3	0.0639
865.50	0.002	194.8	0.0186	865.50	0	189.3	0.0577
865.53	0.001	194.5	0.0151	865.53	-0.002	189	0.0497
865.57	-0.003	194.2	0.0107	865.57	-0.006	188.4	0.0417
865.60	-0.004	194	0.008	865.60	-0.009	188	0.0346
865.63	-0.005	193.7	0.0036	865.63	-0.011	187.6	0.0275
865.67	-0.008	193.4	0.0036	865.67	-0.015	187.1	0.0275
865.70	-0.009	193.4	-0.0009	865.70	-0.017	186.6	0.0186
865.73	-0.009	193.2	-0.0027	865.73	-0.017	186.6	0.0124
865.77	-0.01	192.9	-0.0053	865.78	-0.02	185.8	0.0071
865.80	-0.012	192.7	-0.0089	865.82	-0.022	185.5	0.0036
865.83	-0.013	192.4	-0.0107	865.83	-0.022	185.5	0
865.87	-0.014	192.2	-0.0133	865.87	-0.023	185.2	-0.0053
865.90	-0.015	192	-0.0133	865.90	-0.025	184.7	-0.0089
865.93	-0.016	192	-0.0151	865.93	-0.027	184.4	-0.0124
865.97	-0.016	191.8	-0.016	865.97	-0.027	184.2	-0.0142
866.00	-0.016	191.7	-0.0169	866.00	-0.028	183.9	-0.016
866.03	-0.017	191.5	-0.0186	866.03	-0.029	183.7	-0.016
866.07	-0.017	191.4	-0.0186	866.07	-0.029	183.7	-0.0178
866.10	-0.017	191.3	-0.0186	866.10	-0.029	183.5	-0.0186
866.13	-0.017	191.2	-0.0186	866.13	-0.029	183.3	-0.0186
866.17	-0.017	191.1	-0.0186	866.17	-0.028	183.2	-0.0186
866.20	-0.017	191.1	-0.0186	866.20	-0.028	183.1	-0.0178
866.23	-0.016	191	-0.0178	866.23	-0.027	183	-0.0169
866.27	-0.015	191	-0.0169	866.27	-0.025	183.1	-0.0169
866.30	-0.014	191	-0.016	866.30	-0.024	183.1	-0.0151
866.33	-0.014	191	-0.0142	866.33	-0.024	183.1	-0.0133
866.37	-0.012	191.1	-0.0142	866.37	-0.023	183.1	-0.0098
866.40	-0.011	191.2	-0.0124	866.40	-0.019	183.3	-0.0062
866.43	-0.011	191.2	-0.0107	866.43	-0.018	183.3	-0.0036
866.47	-0.009	191.2	-0.008	866.47	-0.016	183.5	0.0009
866.50	-0.007	191.4	-0.0053	866.50	-0.011	183.8	0.0009
866.53	-0.005	191.5	-0.0027	866.53	-0.011	183.8	0.0062
866.57	-0.004	191.6	0.0009	866.57	-0.011	184	0.0107
866.60	-0.002	191.8	0.0044	866.60	-0.008	184.3	0.0169
866.63	0.001	192	0.0044	866.63	-0.003	184.7	0.0249
866.67	0.001	192	0.0071	866.67	-0.001	184.9	0.0311
866.70	0.002	192.1	0.0115	866.70	0.001	185.3	0.0399
866.73	0.004	192.4	0.0151	866.73	0.007	185.7	0.0399
866.77	0.007	192.6	0.0186	866.77	0.008	185.7	0.0479
866.82	0.008	192.8	0.0213	866.80	0.008	186	0.0541
866.85	0.009	193	0.024	866.83	0.011	186.5	0.063
866.87	0.012	193.2	0.0293	866.87	0.016	187	0.0701
866.90	0.014	193.4	0.0328	866.90	0.017	187.4	0.0772
866.93	0.015	193.7	0.0364	866.93	0.02	187.8	0.0843
866.97	0.018	194	0.0364	866.97	0.024	188.3	0.0843

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
867.00	0.019	194	0.0399	867.00	0.026	188.3	0.0932
867.03	0.019	194.2	0.0426	867.03	0.026	188.6	0.0985
867.07	0.02	194.4	0.0462	867.07	0.028	189	0.1047
867.10	0.023	194.7	0.0488	867.10	0.032	189.5	0.1118
867.13	0.024	194.9	0.0515	867.13	0.032	189.8	0.1154
867.17	0.025	195.1	0.0541	867.17	0.034	190.2	0.1207
867.20	0.026	195.4	0.0541	867.22	0.037	190.6	0.1252
867.23	0.027	195.4	0.0568	867.25	0.037	190.8	0.1278
867.27	0.027	195.6	0.0577	867.28	0.038	191.1	0.1296
867.30	0.027	195.7	0.0586	867.30	0.039	191.4	0.1296
867.33	0.028	195.9	0.0604	867.33	0.04	191.6	0.1323
867.37	0.028	196.1	0.0604	867.37	0.04	191.6	0.134
867.40	0.029	196.2	0.0612	867.40	0.04	191.8	0.1349
867.43	0.029	196.3	0.0612	867.43	0.04	192	0.1358
867.47	0.029	196.3	0.0621	867.47	0.04	192.2	0.1358
867.50	0.029	196.4	0.0621	867.50	0.04	192.3	0.1358
867.53	0.029	196.5	0.0612	867.53	0.04	192.4	0.1358
867.57	0.028	196.6	0.0612	867.57	0.039	192.5	0.1358
867.60	0.027	196.6	0.0604	867.60	0.039	192.5	0.1349
867.63	0.026	196.6	0.0586	867.63	0.037	192.5	0.1314
867.67	0.025	196.6	0.0586	867.67	0.035	192.4	0.1287
867.70	0.023	196.5	0.0568	867.70	0.032	192.4	0.126
867.73	0.023	196.5	0.055	867.73	0.031	192.4	0.1234
867.77	0.022	196.5	0.0524	867.77	0.029	192.2	0.1198
867.80	0.02	196.4	0.0497	867.80	0.025	192	0.1198
867.83	0.018	196.3	0.0479	867.83	0.024	192	0.1154
867.87	0.017	196.2	0.0453	867.87	0.024	191.9	0.111
867.90	0.015	196	0.0453	867.90	0.022	191.6	0.1056
867.93	0.012	195.9	0.0417	867.93	0.017	191.3	0.0994
867.97	0.012	195.9	0.0391	867.97	0.016	191.2	0.0932
868.00	0.012	195.7	0.0355	868.00	0.013	190.7	0.0852
868.03	0.009	195.4	0.0311	868.03	0.007	190.3	0.0852
868.07	0.006	195.2	0.0275	868.07	0.006	190.3	0.0772
868.10	0.005	195	0.0231	868.10	0.006	190	0.071
868.13	0.002	194.8	0.0231	868.13	0.003	189.5	0.063
868.17	0	194.5	0.0195	868.17	-0.002	189.1	0.0541
868.20	0	194.5	0.016	868.20	-0.003	188.8	0.0479
868.25	-0.003	194.1	0.0124	868.23	-0.006	188.3	0.0399
868.28	-0.005	193.9	0.0098	868.27	-0.01	187.8	0.0399
868.30	-0.005	193.9	0.0062	868.30	-0.012	187.8	0.032
868.33	-0.006	193.6	0.0027	868.33	-0.012	187.4	0.0249
868.37	-0.008	193.3	-0.0009	868.37	-0.014	186.8	0.0178
868.40	-0.01	193.1	-0.0044	868.40	-0.019	186.4	0.0098
868.43	-0.011	192.8	-0.0062	868.43	-0.019	186.1	0.0053
868.47	-0.012	192.6	-0.0089	868.47	-0.022	185.6	0
868.50	-0.014	192.3	-0.0089	868.50	-0.024	185.2	0
868.53	-0.014	192.3	-0.0115	868.53	-0.025	185.2	-0.0044
868.57	-0.015	192.1	-0.0133	868.57	-0.025	184.9	-0.008
868.60	-0.016	191.9	-0.016	868.60	-0.026	184.5	-0.0115
868.63	-0.017	191.7	-0.0169	868.63	-0.028	184.2	-0.0142
868.67	-0.017	191.6	-0.0169	868.68	-0.028	184	-0.016
868.70	-0.017	191.4	-0.0178	868.72	-0.028	183.8	-0.0169
868.73	-0.017	191.3	-0.0178	868.73	-0.029	183.6	-0.0178
868.77	-0.017	191.3	-0.0186	868.77	-0.029	183.4	-0.0186
868.80	-0.017	191.2	-0.0186	868.80	-0.028	183.2	-0.0186
868.83	-0.017	191.2	-0.0186	868.83	-0.028	183.1	-0.0186
868.87	-0.017	191	-0.0186	868.87	-0.028	183.1	-0.0186
868.90	-0.016	191	-0.0169	868.90	-0.028	183	-0.0178
868.93	-0.015	191	-0.016	868.93	-0.027	183	-0.016
868.97	-0.014	191	-0.016	868.97	-0.024	183	-0.0142
869.00	-0.013	191	-0.0151	869.00	-0.023	183.1	-0.0115
869.03	-0.013	191	-0.0133	869.03	-0.022	183.1	-0.0089
869.07	-0.012	191.1	-0.0115	869.07	-0.018	183.3	-0.0089

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
869.10	-0.01	191.2	-0.0098	869.10	-0.017	183.3	-0.0053
869.13	-0.009	191.2	-0.0071	869.13	-0.017	183.4	-0.0018
869.17	-0.007	191.4	-0.0044	869.17	-0.015	183.6	0.0027
869.20	-0.004	191.5	-0.0044	869.20	-0.011	183.9	0.0089
869.23	-0.004	191.5	-0.0009	869.23	-0.009	184.1	0.0124
869.27	-0.004	191.6	0.0009	869.27	-0.007	184.3	0.0195
869.30	-0.002	191.8	0.0053	869.30	-0.002	184.8	0.0195
869.33	0.002	192	0.0089	869.33	0	185	0.0284
869.37	0.003	192.2	0.0115	869.37	0	185	0.0346
869.40	0.004	192.4	0.016	869.40	0.002	185.4	0.0426
869.43	0.008	192.7	0.016	869.43	0.007	185.9	0.0515
869.47	0.009	192.7	0.0195	869.47	0.01	186.2	0.0577
869.50	0.009	192.9	0.0231	869.50	0.012	186.6	0.0648
869.53	0.011	193.1	0.0284	869.53	0.016	187.2	0.0648
869.57	0.014	193.4	0.0328	869.57	0.019	187.5	0.0737
869.60	0.015	193.6	0.0355	869.60	0.019	187.5	0.0799
869.63	0.017	193.8	0.0391	869.63	0.021	187.9	0.0879
869.67	0.02	194.1	0.0391	869.67	0.025	188.4	0.095
869.72	0.02	194.3	0.0444	869.70	0.027	188.8	0.1012
869.75	0.021	194.5	0.047	869.73	0.029	189.1	0.1074
869.77	0.023	194.8	0.047	869.77	0.032	189.6	0.1074
869.80	0.024	194.8	0.0506	869.80	0.034	190	0.1136
869.83	0.024	195	0.0524	869.83	0.034	190	0.1181
869.87	0.025	195.2	0.055	869.87	0.035	190.3	0.1225
869.90	0.027	195.4	0.0568	869.90	0.037	190.6	0.126
869.93	0.027	195.6	0.0577	869.93	0.038	190.9	0.1287
869.97	0.028	195.8	0.0595	869.97	0.039	191.2	0.1314
870.00	0.028	196	0.0595	870.00	0.04	191.5	0.1314
870.03	0.029	196	0.0604	870.03	0.04	191.7	0.1331
870.07	0.029	196.1	0.0612	870.07	0.04	191.7	0.1349
870.10	0.029	196.2	0.0612	870.12	0.04	192	0.1358
870.13	0.029	196.3	0.0612	870.15	0.04	192.2	0.1358
870.17	0.029	196.4	0.0612	870.18	0.04	192.2	0.1358
870.20	0.028	196.5	0.0604	870.20	0.04	192.3	0.1358
870.23	0.027	196.5	0.0604	870.23	0.04	192.4	0.1358
870.27	0.026	196.5	0.0595	870.27	0.038	192.5	0.1331
870.30	0.026	196.6	0.0586	870.30	0.036	192.5	0.1314
870.33	0.026	196.6	0.0577	870.33	0.035	192.4	0.1287
870.37	0.024	196.5	0.0559	870.37	0.032	192.4	0.1287
870.40	0.023	196.5	0.0541	870.40	0.031	192.4	0.126
870.43	0.022	196.5	0.0515	870.43	0.031	192.3	0.1225
870.47	0.02	196.3	0.0515	870.47	0.029	192.1	0.1181
870.50	0.017	196.2	0.0488	870.50	0.024	191.9	0.1136
870.53	0.017	196.2	0.0462	870.53	0.023	191.8	0.1092
870.57	0.016	196.1	0.0435	870.57	0.021	191.5	0.103
870.60	0.014	195.9	0.0399	870.60	0.016	191.2	0.103
870.63	0.012	195.8	0.0373	870.63	0.014	191.2	0.0959
870.67	0.01	195.6	0.0328	870.67	0.014	191	0.0905
870.70	0.007	195.3	0.0328	870.70	0.012	190.6	0.0826
870.73	0.005	195.1	0.0293	870.73	0.006	190.2	0.0746
870.77	0.005	195.1	0.0249	870.77	0.004	189.9	0.0683
870.80	0.004	194.9	0.0213	870.80	0.002	189.5	0.0604
870.83	0.002	194.6	0.0169	870.83	-0.003	188.9	0.0604
870.87	-0.001	194.4	0.0142	870.87	-0.005	188.9	0.0515
870.90	-0.002	194.2	0.0098	870.90	-0.005	188.6	0.0453
870.93	-0.004	193.8	0.0053	870.93	-0.007	188.2	0.0373
870.97	-0.007	193.6	0.0053	870.97	-0.012	187.6	0.0284
871.00	-0.007	193.6	0.0027	871.00	-0.014	187.2	0.0222
871.03	-0.008	193.4	-0.0009	871.03	-0.015	186.8	0.0151
871.07	-0.009	193	-0.0044	871.07	-0.019	186.2	0.0151
871.10	-0.012	192.8	-0.0071	871.10	-0.021	185.9	0.008
871.15	-0.012	192.6	-0.0098	871.13	-0.021	185.9	0.0036
871.18	-0.013	192.4	-0.0107	871.17	-0.022	185.5	-0.0009

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
871.22	-0.014	192.2	-0.0124	871.20	-0.024	185.1	-0.0053
871.23	-0.015	192	-0.0142	871.23	-0.026	184.8	-0.0089
871.27	-0.016	191.8	-0.016	871.27	-0.027	184.5	-0.0124
871.30	-0.016	191.6	-0.016	871.30	-0.027	184.1	-0.0124
871.33	-0.017	191.6	-0.0169	871.33	-0.029	183.9	-0.0151
871.37	-0.017	191.5	-0.0186	871.37	-0.029	183.9	-0.0169
871.40	-0.017	191.3	-0.0186	871.40	-0.029	183.7	-0.0178
871.43	-0.017	191.2	-0.0186	871.43	-0.029	183.5	-0.0186
871.47	-0.017	191.1	-0.0186	871.47	-0.029	183.3	-0.0186
871.50	-0.017	191	-0.0186	871.50	-0.028	183.2	-0.0186
871.53	-0.016	191	-0.0186	871.53	-0.028	183.1	-0.0178
871.57	-0.015	191	-0.0178	871.58	-0.026	183.1	-0.016
871.60	-0.015	190.9	-0.0169	871.62	-0.026	183	-0.0151
871.63	-0.015	190.9	-0.016	871.63	-0.025	183	-0.0133
871.67	-0.013	191	-0.0142	871.67	-0.022	183.1	-0.0133
871.70	-0.012	191	-0.0133	871.70	-0.021	183.1	-0.0107
871.73	-0.012	191	-0.0115	871.73	-0.021	183.2	-0.008
871.77	-0.009	191.2	-0.0115	871.77	-0.019	183.4	-0.0044
871.80	-0.008	191.2	-0.0089	871.80	-0.015	183.5	0
871.83	-0.008	191.2	-0.0071	871.83	-0.014	183.7	0.0053
871.87	-0.007	191.3	-0.0036	871.87	-0.011	184	0.0098
871.90	-0.004	191.5	-0.0009	871.90	-0.007	184.2	0.0098
871.93	-0.003	191.6	0.0027	871.93	-0.005	184.2	0.016
871.97	-0.001	191.8	0.0062	871.97	-0.005	184.5	0.0222
872.00	0.003	192.1	0.0062	872.00	-0.003	184.9	0.0302
872.03	0.004	192.1	0.0098	872.03	0.003	185.3	0.0391
872.07	0.004	192.2	0.0133	872.07	0.004	185.5	0.0444
872.10	0.005	192.5	0.0178	872.10	0.007	186	0.0533
872.13	0.009	192.7	0.0222	872.13	0.012	186.4	0.0533
872.17	0.01	192.9	0.024	872.17	0.014	186.4	0.0621
872.20	0.011	193.1	0.0293	872.20	0.014	186.7	0.0683
872.23	0.015	193.4	0.0293	872.23	0.016	187.3	0.0754
872.27	0.016	193.4	0.0337	872.27	0.021	187.7	0.0843
872.30	0.016	193.6	0.0373	872.30	0.022	188.1	0.0897
872.33	0.017	193.9	0.0399	872.33	0.024	188.6	0.0976
872.37	0.02	194.2	0.0435	872.37	0.029	189	0.0976
872.40	0.021	194.4	0.0462	872.40	0.03	189	0.1047
872.43	0.022	194.6	0.0497	872.43	0.03	189.3	0.1101
872.47	0.024	194.9	0.0497	872.47	0.032	189.7	0.1154
872.50	0.026	194.9	0.0524	872.50	0.035	190.1	0.1207
872.53	0.026	195.1	0.0541	872.53	0.036	190.4	0.1234
872.57	0.026	195.3	0.0559	872.57	0.036	190.8	0.1269
872.62	0.027	195.5	0.0577	872.60	0.039	191.1	0.1269
872.65	0.027	195.7	0.0586	872.63	0.039	191.1	0.1305
872.67	0.028	195.8	0.0595	872.67	0.039	191.3	0.1323
872.70	0.028	196	0.0604	872.70	0.04	191.5	0.134
872.73	0.029	196.1	0.0612	872.73	0.04	191.8	0.1349
872.77	0.029	196.2	0.0612	872.77	0.04	192	0.1358
872.80	0.029	196.3	0.0612	872.80	0.04	192.1	0.1358
872.83	0.029	196.4	0.0612	872.83	0.04	192.3	0.1358
872.87	0.029	196.4	0.0612	872.87	0.04	192.3	0.1358
872.90	0.028	196.5	0.0604	872.90	0.04	192.4	0.1358
872.93	0.027	196.5	0.0595	872.93	0.038	192.4	0.1331
872.97	0.026	196.5	0.0586	872.97	0.036	192.4	0.1314
873.00	0.025	196.5	0.0568	873.00	0.035	192.4	0.1296
873.03	0.023	196.5	0.0568	873.05	0.033	192.4	0.126
873.07	0.022	196.5	0.055	873.08	0.031	192.3	0.1243
873.10	0.022	196.5	0.0533	873.10	0.03	192.2	0.1216
873.13	0.021	196.4	0.0506	873.13	0.028	192.1	0.1163
873.17	0.019	196.2	0.0479	873.17	0.023	191.8	0.1163
873.20	0.017	196.1	0.0453	873.20	0.022	191.8	0.1118
873.23	0.015	196	0.0417	873.23	0.022	191.7	0.1074
873.27	0.013	195.8	0.0417	873.27	0.02	191.4	0.1003

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
873.30	0.011	195.7	0.0382	873.30	0.014	191.1	0.0932
873.33	0.011	195.7	0.0355	873.33	0.013	190.8	0.0879
873.37	0.01	195.4	0.032	873.37	0.011	190.5	0.0799
873.40	0.007	195.1	0.0284	873.40	0.005	190	0.0799
873.43	0.004	195	0.024	873.43	0.003	190	0.0719
873.47	0.003	194.8	0.0195	873.47	0.003	189.7	0.0648
873.50	0.001	194.5	0.0195	873.50	0.001	189.3	0.0568
873.53	-0.002	194.2	0.016	873.53	-0.004	188.8	0.0488
873.57	-0.002	194.2	0.0124	873.57	-0.006	188.4	0.0417
873.60	-0.003	194	0.008	873.60	-0.008	188	0.0346
873.63	-0.005	193.7	0.0053	873.63	-0.012	187.4	0.0346
873.67	-0.007	193.5	0.0009	873.67	-0.015	187	0.0257
873.70	-0.008	193.2	-0.0027	873.70	-0.015	187	0.0195
873.73	-0.01	192.9	-0.0027	873.73	-0.016	186.6	0.0124
873.77	-0.012	192.7	-0.0053	873.77	-0.019	186.1	0.0062
873.80	-0.012	192.7	-0.008	873.80	-0.022	185.7	0.0009
873.83	-0.012	192.5	-0.0098	873.83	-0.023	185.4	-0.0027
873.87	-0.014	192.2	-0.0124	873.87	-0.025	184.9	-0.0071
873.90	-0.015	192	-0.0142	873.90	-0.026	184.6	-0.0071
873.93	-0.016	191.8	-0.016	873.93	-0.026	184.6	-0.0107
873.97	-0.016	191.7	-0.016	873.97	-0.027	184.3	-0.0133
874.00	-0.017	191.5	-0.0169	874.00	-0.028	184	-0.016
874.05	-0.017	191.4	-0.0178	874.03	-0.029	183.8	-0.0169
874.08	-0.017	191.2	-0.0178	874.07	-0.029	183.6	-0.0178
874.12	-0.017	191.1	-0.0186	874.10	-0.029	183.4	-0.0186
874.13	-0.017	191.1	-0.0186	874.13	-0.028	183.3	-0.0186
874.17	-0.017	191	-0.0186	874.17	-0.028	183.3	-0.0186
874.20	-0.017	191	-0.0186	874.20	-0.028	183.1	-0.0178
874.23	-0.016	190.9	-0.0178	874.23	-0.027	183.1	-0.0169
874.27	-0.015	190.9	-0.016	874.27	-0.025	183.1	-0.0151
874.30	-0.014	190.9	-0.016	874.30	-0.025	183	-0.0133
874.33	-0.013	190.9	-0.0151	874.33	-0.023	183.1	-0.0107
874.37	-0.013	190.9	-0.0133	874.37	-0.02	183.2	-0.0107
874.40	-0.012	191	-0.0124	874.40	-0.019	183.2	-0.008
874.43	-0.011	191.1	-0.0107	874.43	-0.019	183.3	-0.0053
874.47	-0.008	191.2	-0.008	874.48	-0.015	183.6	-0.0009
874.50	-0.007	191.2	-0.0053	874.52	-0.012	183.6	0.0018
874.53	-0.005	191.4	-0.0018	874.55	-0.012	183.8	0.0062
874.57	-0.003	191.6	-0.0018	874.57	-0.011	184	0.0124
874.60	-0.003	191.6	0.0009	874.60	-0.005	184.3	0.0186
874.63	-0.002	191.7	0.0044	874.63	-0.004	184.6	0.0249
874.67	0.001	192	0.008	874.67	-0.002	185	0.0328
874.70	0.003	192.1	0.0115	874.70	0.004	185.4	0.0328
874.73	0.005	192.3	0.016	874.73	0.005	185.4	0.0417
874.77	0.007	192.6	0.0195	874.77	0.005	185.7	0.0479
874.80	0.01	192.8	0.0195	874.80	0.008	186.1	0.0559
874.83	0.01	192.8	0.024	874.83	0.014	186.6	0.0648
874.87	0.011	193	0.0284	874.87	0.015	187	0.071
874.90	0.013	193.3	0.032	874.90	0.017	187.4	0.079
874.93	0.016	193.5	0.0355	874.93	0.022	187.9	0.079
874.97	0.017	193.8	0.0391	874.97	0.024	187.9	0.087
875.00	0.018	194	0.0417	875.00	0.024	188.2	0.0932
875.03	0.021	194.3	0.0417	875.03	0.025	188.6	0.0994
875.07	0.021	194.3	0.0453	875.07	0.03	189.1	0.1074
875.10	0.021	194.5	0.0479	875.10	0.031	189.5	0.1118
875.13	0.023	194.7	0.0515	875.13	0.033	189.8	0.1172
875.17	0.025	195	0.0541	875.17	0.035	190.2	0.1172
875.20	0.025	195.2	0.055	875.20	0.037	190.5	0.1216
875.23	0.026	195.4	0.0568	875.23	0.037	190.5	0.1252
875.27	0.028	195.7	0.0568	875.27	0.037	190.8	0.1287
875.30	0.028	195.7	0.0586	875.30	0.039	191.2	0.1314
875.33	0.028	195.8	0.0595	875.33	0.04	191.4	0.1331
875.37	0.029	195.9	0.0604	875.37	0.04	191.6	0.1349

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
875.40	0.029	196.1	0.0612	875.40	0.04	191.8	0.1358
875.43	0.029	196.2	0.0612	875.43	0.04	192	0.1358
875.47	0.029	196.3	0.0612	875.47	0.04	192	0.1358
875.52	0.028	196.4	0.0612	875.50	0.04	192.1	0.1358
875.55	0.028	196.5	0.0612	875.53	0.04	192.3	0.1358
875.57	0.028	196.5	0.0604	875.57	0.039	192.4	0.1349
875.60	0.026	196.5	0.0604	875.60	0.038	192.4	0.1331
875.63	0.026	196.5	0.0595	875.63	0.036	192.4	0.1305
875.67	0.026	196.6	0.0586	875.67	0.033	192.3	0.1305
875.70	0.025	196.5	0.0559	875.70	0.032	192.3	0.1278
875.73	0.022	196.5	0.0541	875.73	0.032	192.3	0.126
875.77	0.021	196.4	0.0524	875.77	0.03	192.2	0.1216
875.80	0.02	196.3	0.0497	875.80	0.026	192	0.1172
875.83	0.017	196.2	0.0497	875.83	0.025	191.9	0.1127
875.87	0.016	196.2	0.047	875.87	0.023	191.6	0.1074
875.90	0.016	196.1	0.0444	875.90	0.018	191.4	0.1074
875.93	0.015	195.9	0.0408	875.95	0.017	191.2	0.0976
875.97	0.011	195.8	0.0373	875.98	0.016	190.9	0.0923
876.00	0.011	195.6	0.0346	876.00	0.011	190.6	0.0923
876.03	0.009	195.3	0.0302	876.03	0.009	190.6	0.0852
876.07	0.005	195.1	0.0302	876.07	0.009	190.3	0.0781
876.10	0.004	195.1	0.0257	876.10	0.006	189.8	0.0692
876.13	0.004	194.9	0.0222	876.13	0.001	189.4	0.0612
876.17	0.002	194.6	0.0186	876.17	-0.001	189.1	0.0541
876.20	-0.001	194.4	0.0142	876.20	-0.004	188.6	0.0462
876.23	-0.002	194.2	0.0107	876.23	-0.009	188.1	0.0462
876.27	-0.003	193.8	0.0071	876.27	-0.009	188.1	0.0382
876.30	-0.007	193.6	0.0071	876.30	-0.009	187.8	0.0311
876.33	-0.008	193.6	0.0027	876.33	-0.012	187.2	0.0231
876.37	-0.008	193.4	0	876.37	-0.016	186.7	0.0151
876.40	-0.009	193.1	-0.0036	876.40	-0.017	186.3	0.0098
876.43	-0.012	192.8	-0.0062	876.43	-0.019	185.9	0.0044
876.47	-0.012	192.6	-0.0089	876.47	-0.023	185.4	0.0044
876.50	-0.013	192.4	-0.0115	876.50	-0.023	185.4	-0.0018
876.53	-0.015	192.2	-0.0115	876.53	-0.023	185.2	-0.0044
876.57	-0.015	192.2	-0.0133	876.57	-0.025	184.7	-0.0089
876.60	-0.015	192	-0.0142	876.60	-0.027	184.4	-0.0124
876.63	-0.016	191.8	-0.016	876.63	-0.027	184.2	-0.0142
876.67	-0.017	191.6	-0.0169	876.67	-0.028	183.9	-0.016
876.70	-0.017	191.5	-0.0178	876.70	-0.029	183.6	-0.016
876.73	-0.017	191.3	-0.0178	876.73	-0.029	183.6	-0.0178
876.77	-0.017	191.2	-0.0178	876.77	-0.029	183.5	-0.0178
876.80	-0.017	191.2	-0.0186	876.80	-0.029	183.3	-0.0186
876.83	-0.017	191.2	-0.0186	876.83	-0.028	183.2	-0.0186
876.87	-0.017	191.1	-0.0186	876.87	-0.028	183.1	-0.0178
876.90	-0.016	191	-0.0178	876.90	-0.027	183	-0.016
876.93	-0.015	191	-0.016	876.93	-0.025	183.1	-0.016
876.98	-0.015	191	-0.0151	876.97	-0.024	183.1	-0.0142
877.02	-0.013	191	-0.0142	877.00	-0.024	183	-0.0124
877.03	-0.013	191	-0.0133	877.03	-0.023	183.1	-0.0098
877.07	-0.012	191	-0.0107	877.07	-0.019	183.3	-0.0062
877.10	-0.009	191.2	-0.0107	877.10	-0.018	183.3	-0.0036
877.13	-0.008	191.2	-0.008	877.13	-0.016	183.5	0.0009
877.17	-0.008	191.2	-0.0062	877.17	-0.012	183.8	0.0009
877.20	-0.006	191.3	-0.0027	877.20	-0.01	183.8	0.0062
877.23	-0.003	191.5	0	877.23	-0.01	183.9	0.0115
877.27	-0.002	191.6	0.0036	877.27	-0.008	184.3	0.0178
877.30	-0.001	191.9	0.0062	877.30	-0.003	184.6	0.0249
877.33	0.003	192.1	0.0062	877.33	-0.001	184.9	0.032
877.37	0.004	192.1	0.0107	877.38	0.001	185.3	0.0399
877.40	0.004	192.2	0.0133	877.42	0.005	185.6	0.0444
877.43	0.005	192.5	0.0178	877.45	0.006	185.8	0.0506
877.47	0.009	192.7	0.0222	877.47	0.009	186.3	0.0595

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
877.50	0.01	192.9	0.0249	877.50	0.015	186.8	0.0595
877.53	0.011	193.2	0.0293	877.53	0.016	186.8	0.0683
877.57	0.015	193.4	0.0293	877.57	0.016	187.2	0.0746
877.60	0.016	193.4	0.0346	877.60	0.018	187.7	0.0817
877.63	0.016	193.7	0.0373	877.63	0.024	188.1	0.0905
877.67	0.017	193.9	0.0408	877.67	0.025	188.4	0.0959
877.70	0.02	194.2	0.0444	877.70	0.026	188.9	0.103
877.73	0.022	194.4	0.047	877.73	0.031	189.3	0.103
877.77	0.022	194.6	0.0497	877.77	0.032	189.3	0.1092
877.80	0.024	194.9	0.0497	877.80	0.032	189.6	0.1136
877.83	0.025	194.9	0.0524	877.83	0.033	190	0.1189
877.87	0.025	195.1	0.0541	877.87	0.036	190.4	0.1243
877.90	0.026	195.3	0.0568	877.90	0.037	190.7	0.126
877.93	0.027	195.6	0.0586	877.93	0.038	191	0.1296
877.97	0.028	195.7	0.0595	877.97	0.039	191.3	0.1296
878.00	0.028	195.9	0.0595	878.00	0.04	191.3	0.1314
878.03	0.028	196	0.0595	878.03	0.04	191.5	0.134
878.07	0.029	196.2	0.0604	878.07	0.04	191.7	0.1349
878.10	0.029	196.2	0.0612	878.10	0.04	191.9	0.1358
878.13	0.029	196.3	0.0612	878.13	0.04	192.1	0.1358
878.17	0.029	196.4	0.0612	878.17	0.04	192.2	0.1358
878.20	0.028	196.5	0.0612	878.20	0.04	192.3	0.1358
878.23	0.028	196.5	0.0604	878.23	0.038	192.3	0.1358
878.27	0.027	196.5	0.0604	878.27	0.038	192.4	0.134
878.30	0.025	196.5	0.0595	878.30	0.037	192.4	0.1314
878.33	0.025	196.5	0.0577	878.33	0.034	192.3	0.1287
878.37	0.024	196.5	0.0559	878.37	0.033	192.3	0.1269
878.42	0.022	196.4	0.0541	878.40	0.032	192.3	0.1234
878.45	0.022	196.4	0.0533	878.43	0.028	192.1	0.1234
878.48	0.021	196.4	0.0506	878.47	0.026	192.1	0.1189
878.50	0.019	196.2	0.0479	878.50	0.026	192	0.1154
878.53	0.017	196.1	0.0453	878.53	0.024	191.8	0.1101
878.57	0.016	196	0.0426	878.57	0.02	191.5	0.1039
878.60	0.013	195.8	0.0391	878.60	0.018	191.3	0.0994
878.63	0.011	195.7	0.0391	878.63	0.016	191	0.0923
878.67	0.011	195.7	0.0355	878.67	0.011	190.6	0.0923
878.70	0.01	195.5	0.032	878.70	0.008	190.3	0.0843
878.73	0.007	195.2	0.0284	878.73	0.008	190.3	0.0781
878.77	0.004	195	0.024	878.77	0.006	190	0.0701
878.80	0.004	194.8	0.0204	878.80	0.001	189.4	0.0621
878.83	0.001	194.5	0.016	878.85	-0.001	189.1	0.055
878.87	-0.002	194.2	0.016	878.88	-0.002	188.8	0.0497
878.90	-0.003	194.2	0.0124	878.90	-0.006	188.3	0.0426
878.93	-0.003	194	0.0089	878.93	-0.009	187.9	0.0355
878.97	-0.004	193.7	0.0053	878.97	-0.01	187.5	0.0284
879.00	-0.007	193.5	0.0018	879.00	-0.015	187	0.0284
879.03	-0.008	193.2	-0.0018	879.03	-0.017	186.5	0.0186
879.07	-0.009	193	-0.0044	879.07	-0.017	186.5	0.0133
879.10	-0.012	192.7	-0.0044	879.10	-0.018	186.1	0.0071
879.13	-0.013	192.7	-0.0071	879.13	-0.021	185.6	0.0018
879.17	-0.013	192.5	-0.0098	879.17	-0.024	185.3	-0.0027
879.20	-0.014	192.3	-0.0124	879.20	-0.024	184.9	-0.0071
879.23	-0.016	192.1	-0.0142	879.23	-0.026	184.6	-0.0071
879.27	-0.016	191.9	-0.0151	879.27	-0.027	184.3	-0.0098
879.30	-0.016	191.7	-0.016	879.30	-0.027	184.3	-0.0124
879.33	-0.017	191.5	-0.016	879.33	-0.028	184	-0.0151
879.37	-0.017	191.5	-0.0178	879.37	-0.028	183.7	-0.0169
879.40	-0.017	191.4	-0.0186	879.40	-0.029	183.5	-0.0178
879.43	-0.017	191.3	-0.0186	879.43	-0.029	183.3	-0.0186
879.47	-0.017	191.2	-0.0186	879.47	-0.029	183.2	-0.0186
879.50	-0.017	191.1	-0.0186	879.50	-0.028	183.1	-0.0186
879.53	-0.017	191	-0.0178	879.53	-0.027	183.1	-0.0186
879.57	-0.015	191	-0.0178	879.57	-0.027	183	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
879.60	-0.015	191	-0.0169	879.60	-0.026	183	-0.016
879.63	-0.015	190.9	-0.016	879.63	-0.024	183	-0.0133
879.67	-0.014	191	-0.0151	879.67	-0.023	183	-0.0115
879.70	-0.012	191	-0.0133	879.70	-0.022	183.1	-0.0089
879.73	-0.011	191.1	-0.0115	879.73	-0.018	183.3	-0.0089
879.77	-0.01	191.2	-0.0089	879.77	-0.017	183.3	-0.0053
879.80	-0.007	191.3	-0.0089	879.80	-0.017	183.3	-0.0018
879.83	-0.006	191.3	-0.0062	879.83	-0.015	183.6	0.0036
879.88	-0.005	191.4	-0.0027	879.87	-0.01	183.8	0.0089
879.92	-0.004	191.6	-0.0027	879.90	-0.009	184	0.0133
879.93	-0.002	191.6	0.0009	879.93	-0.007	184.4	0.0204
879.97	-0.002	191.7	0.0036	879.97	-0.001	184.8	0.0204
880.00	0	191.9	0.008	880.00	0	184.8	0.0293
880.03	0.003	192.2	0.0115	880.03	0	185	0.0346
880.07	0.005	192.3	0.0151	880.07	0.002	185.4	0.0426
880.10	0.006	192.5	0.0186	880.10	0.008	185.8	0.0515
880.13	0.01	192.8	0.0186	880.13	0.009	186.1	0.0577
880.17	0.011	193	0.0231	880.17	0.012	186.6	0.0657
880.20	0.011	193	0.0257	880.20	0.017	187.1	0.0657
880.23	0.012	193.2	0.032	880.23	0.019	187.1	0.0746
880.27	0.015	193.6	0.0355	880.27	0.019	187.5	0.0808
880.30	0.017	193.8	0.0391	880.32	0.024	188.3	0.0888
880.33	0.018	194	0.0417	880.35	0.026	188.3	0.0932
880.37	0.02	194.3	0.0417	880.37	0.026	188.6	0.0985
880.40	0.022	194.5	0.0453	880.40	0.027	189.1	0.1047
880.43	0.022	194.5	0.0479	880.43	0.032	189.5	0.1127
880.47	0.023	194.7	0.0506	880.47	0.033	189.8	0.1163
880.50	0.025	195	0.0541	880.50	0.034	190.2	0.1216
880.53	0.026	195.2	0.0559	880.53	0.037	190.5	0.1216
880.57	0.026	195.4	0.0568	880.57	0.037	190.5	0.1252
880.60	0.027	195.6	0.0568	880.60	0.037	190.8	0.1278
880.63	0.028	195.8	0.0586	880.63	0.038	191.1	0.1305
880.67	0.028	195.8	0.0595	880.67	0.04	191.4	0.1331
880.70	0.029	196	0.0612	880.70	0.04	191.6	0.134
880.73	0.029	196.1	0.0612	880.73	0.04	191.8	0.1358
880.77	0.029	196.2	0.0612	880.77	0.041	192	0.1358
880.80	0.029	196.3	0.0612	880.80	0.04	192	0.1358
880.83	0.029	196.4	0.0612	880.83	0.04	192.1	0.1358
880.87	0.028	196.5	0.0612	880.87	0.04	192.3	0.1358
880.90	0.028	196.5	0.0612	880.90	0.039	192.3	0.1349
880.93	0.027	196.5	0.0595	880.93	0.037	192.4	0.1331
880.97	0.026	196.5	0.0586	880.97	0.036	192.4	0.1305
881.00	0.025	196.5	0.0568	881.00	0.034	192.3	0.1305
881.03	0.024	196.5	0.055	881.03	0.032	192.3	0.1287
881.07	0.023	196.4	0.0533	881.07	0.032	192.3	0.126
881.10	0.02	196.3	0.0533	881.10	0.03	192.2	0.1216
881.13	0.019	196.3	0.0506	881.13	0.027	192	0.1181
881.17	0.019	196.3	0.0488	881.17	0.024	191.8	0.1136
881.20	0.018	196.1	0.0462	881.20	0.023	191.7	0.1083
881.23	0.015	196	0.0426	881.23	0.019	191.4	0.1083
881.27	0.014	195.9	0.0399	881.27	0.016	191.2	0.1021
881.32	0.012	195.7	0.0364	881.30	0.016	191.2	0.0976
881.35	0.01	195.6	0.0346	881.33	0.015	190.9	0.0897
881.38	0.009	195.4	0.0311	881.37	0.01	190.4	0.0808
881.40	0.007	195.1	0.0275	881.40	0.007	190.1	0.0746
881.43	0.004	194.8	0.0275	881.43	0.005	189.8	0.0675
881.47	0.003	194.8	0.0231	881.47	0	189.2	0.0675
881.50	0.003	194.7	0.0186	881.50	-0.003	188.9	0.0586
881.53	0	194.4	0.0142	881.53	-0.003	188.9	0.0515
881.57	-0.003	194.1	0.0107	881.57	-0.005	188.5	0.0444
881.60	-0.004	193.9	0.0071	881.60	-0.008	187.9	0.0364
881.63	-0.005	193.6	0.0036	881.63	-0.011	187.5	0.0293
881.67	-0.008	193.3	0.0036	881.67	-0.013	187.2	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
881.70	-0.009	193.3	0	881.70	-0.016	186.5	0.0213
881.73	-0.009	193.1	-0.0027	881.75	-0.019	186.1	0.0089
881.77	-0.01	192.8	-0.0062	881.78	-0.019	185.9	0.0053
881.80	-0.013	192.6	-0.0089	881.80	-0.022	185.4	0.0053
881.83	-0.013	192.4	-0.0107	881.83	-0.024	185	0
881.87	-0.014	192.2	-0.0124	881.87	-0.024	185	-0.0044
881.90	-0.016	191.9	-0.0124	881.90	-0.025	184.8	-0.0071
881.93	-0.016	191.9	-0.0151	881.93	-0.026	184.4	-0.0115
881.97	-0.016	191.8	-0.016	881.97	-0.028	184.1	-0.0142
882.00	-0.017	191.6	-0.0169	882.00	-0.028	183.9	-0.0151
882.03	-0.017	191.5	-0.0186	882.03	-0.028	183.6	-0.0169
882.07	-0.017	191.3	-0.0186	882.07	-0.029	183.4	-0.0169
882.10	-0.017	191.2	-0.0186	882.10	-0.029	183.4	-0.0178
882.13	-0.017	191.1	-0.0186	882.13	-0.029	183.3	-0.0186
882.17	-0.017	191.1	-0.0186	882.17	-0.028	183.1	-0.0186
882.20	-0.017	191	-0.0186	882.20	-0.028	183	-0.0178
882.23	-0.016	191	-0.0178	882.23	-0.027	182.9	-0.0169
882.27	-0.015	191	-0.0169	882.27	-0.026	182.9	-0.0151
882.30	-0.014	191	-0.0151	882.30	-0.023	183	-0.0151
882.33	-0.014	191	-0.0142	882.33	-0.022	183	-0.0124
882.37	-0.012	191	-0.0142	882.37	-0.022	183	-0.0107
882.40	-0.011	191	-0.0124	882.40	-0.021	183.1	-0.0071
882.43	-0.011	191.1	-0.0107	882.43	-0.017	183.3	-0.0036
882.47	-0.009	191.2	-0.008	882.47	-0.016	183.4	0
882.50	-0.007	191.3	-0.0053	882.50	-0.014	183.7	0.0053
882.53	-0.005	191.4	-0.0027	882.53	-0.009	183.9	0.0053
882.57	-0.004	191.5	0.0009	882.57	-0.008	183.9	0.0115
882.60	-0.001	191.7	0.0009	882.60	-0.008	184.1	0.016
882.63	0	191.9	0.0044	882.63	-0.006	184.5	0.0222
882.67	0	191.9	0.0071	882.67	0	184.9	0.032
882.70	0.002	192.1	0.0107	882.70	0.001	185.1	0.0382
882.73	0.005	192.3	0.0151	882.73	0.004	185.6	0.0462
882.78	0.007	192.5	0.0178	882.77	0.01	186	0.0462
882.82	0.007	192.7	0.0204	882.80	0.011	186	0.055
882.83	0.01	192.9	0.0249	882.83	0.011	186.3	0.0604
882.87	0.012	193.2	0.0293	882.87	0.013	186.8	0.0683
882.90	0.013	193.4	0.0337	882.90	0.019	187.3	0.0772
882.93	0.016	193.7	0.0373	882.93	0.02	187.6	0.0843
882.97	0.018	193.9	0.0373	882.97	0.022	188.1	0.0914
883.00	0.018	193.9	0.0399	883.00	0.027	188.6	0.0914
883.03	0.019	194.1	0.0435	883.03	0.028	188.6	0.1003
883.07	0.021	194.4	0.047	883.07	0.028	188.9	0.1047
883.10	0.023	194.6	0.0497	883.10	0.03	189.3	0.111
883.13	0.024	194.8	0.0524	883.13	0.033	189.7	0.1163
883.17	0.025	195.1	0.0524	883.17	0.034	190	0.1198
883.20	0.026	195.3	0.055	883.22	0.035	190.4	0.1243
883.23	0.026	195.3	0.0568	883.25	0.037	190.7	0.1269
883.27	0.027	195.5	0.0577	883.27	0.038	190.9	0.1296
883.30	0.027	195.7	0.0595	883.30	0.039	191.2	0.1323
883.33	0.028	195.9	0.0604	883.33	0.04	191.5	0.1323
883.37	0.029	196	0.0612	883.37	0.04	191.5	0.134
883.40	0.029	196.1	0.0612	883.40	0.04	191.6	0.1349
883.43	0.029	196.3	0.0612	883.43	0.04	191.9	0.1358
883.47	0.029	196.3	0.0612	883.47	0.04	192	0.1358
883.50	0.029	196.4	0.0612	883.50	0.04	192.2	0.1358
883.53	0.028	196.5	0.0612	883.53	0.04	192.3	0.1358
883.57	0.027	196.5	0.0604	883.57	0.039	192.3	0.1358
883.60	0.027	196.6	0.0595	883.60	0.037	192.4	0.1349
883.63	0.026	196.5	0.0577	883.63	0.037	192.4	0.1331
883.67	0.024	196.5	0.0577	883.67	0.036	192.4	0.1296
883.70	0.024	196.5	0.0568	883.70	0.033	192.3	0.1269
883.73	0.024	196.5	0.055	883.73	0.031	192.2	0.1243
883.77	0.022	196.4	0.0524	883.77	0.029	192.1	0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
883.80	0.02	196.3	0.0506	883.80	0.026	191.9	0.1198
883.83	0.019	196.2	0.0479	883.83	0.023	191.7	0.1154
883.87	0.017	196.1	0.0453	883.87	0.023	191.7	0.111
883.90	0.014	195.9	0.0453	883.90	0.022	191.6	0.1056
883.93	0.013	195.9	0.0417	883.93	0.018	191.2	0.0994
883.97	0.013	195.8	0.0391	883.97	0.015	191	0.0932
884.00	0.012	195.6	0.0355	884.00	0.013	190.7	0.0861
884.03	0.008	195.4	0.0311	884.03	0.009	190.2	0.0861
884.07	0.007	195.2	0.0284	884.07	0.005	189.9	0.0781
884.10	0.005	194.9	0.024	884.10	0.005	189.9	0.071
884.13	0.002	194.7	0.024	884.13	0.003	189.6	0.0639
884.17	0.001	194.7	0.0195	884.17	-0.001	189	0.0559
884.22	-0.001	194.2	0.0133	884.20	-0.004	188.6	0.0479
884.25	-0.002	194	0.0133	884.23	-0.006	188.3	0.0408
884.28	-0.004	194	0.0107	884.27	-0.01	187.7	0.0408
884.30	-0.004	193.8	0.0062	884.30	-0.012	187.3	0.032
884.33	-0.006	193.5	0.0027	884.33	-0.012	187.3	0.0249
884.37	-0.009	193.2	-0.0009	884.37	-0.014	186.9	0.0186
884.40	-0.009	193	-0.0036	884.40	-0.017	186.3	0.0107
884.43	-0.011	192.7	-0.0071	884.43	-0.02	185.9	0.0053
884.47	-0.014	192.5	-0.0071	884.47	-0.021	185.6	0
884.50	-0.014	192.5	-0.0098	884.50	-0.023	185.1	-0.0044
884.53	-0.014	192.3	-0.0115	884.53	-0.026	184.8	-0.0044
884.57	-0.015	192.1	-0.0133	884.57	-0.026	184.8	-0.008
884.60	-0.016	191.9	-0.0151	884.60	-0.026	184.5	-0.0107
884.63	-0.016	191.7	-0.016	884.65	-0.028	183.9	-0.0133
884.67	-0.017	191.5	-0.0169	884.68	-0.028	183.9	-0.0151
884.70	-0.017	191.4	-0.0169	884.72	-0.028	183.7	-0.016
884.73	-0.017	191.4	-0.0178	884.73	-0.029	183.5	-0.0178
884.77	-0.017	191.3	-0.0186	884.77	-0.029	183.3	-0.0186
884.80	-0.017	191.2	-0.0186	884.80	-0.029	183.1	-0.0186
884.83	-0.017	191.1	-0.0186	884.83	-0.028	183	-0.0186
884.87	-0.017	191	-0.0178	884.87	-0.027	182.9	-0.0186
884.90	-0.016	191	-0.0169	884.90	-0.026	182.9	-0.0178
884.93	-0.015	190.9	-0.0169	884.93	-0.026	182.9	-0.016
884.97	-0.014	190.9	-0.016	884.97	-0.025	182.9	-0.0142
885.00	-0.014	190.9	-0.0151	885.00	-0.022	183	-0.0115
885.03	-0.013	190.9	-0.0133	885.03	-0.022	183	-0.0098
885.07	-0.011	191	-0.0115	885.07	-0.02	183.1	-0.0053
885.10	-0.01	191.1	-0.0098	885.10	-0.016	183.3	-0.0053
885.13	-0.009	191.2	-0.0062	885.13	-0.015	183.3	-0.0018
885.17	-0.006	191.3	-0.0062	885.17	-0.015	183.4	0.0027
885.20	-0.005	191.5	-0.0036	885.20	-0.013	183.7	0.0071
885.23	-0.005	191.5	-0.0009	885.23	-0.008	184	0.0133
885.27	-0.003	191.6	0.0027	885.27	-0.007	184.2	0.0186
885.30	0	191.8	0.0062	885.30	-0.005	184.5	0.0257
885.33	0.001	192	0.0089	885.33	0.001	185	0.0257
885.37	0.002	192.1	0.0124	885.37	0.003	185	0.0346
885.40	0.006	192.4	0.0124	885.40	0.003	185.2	0.0408
885.43	0.008	192.6	0.0169	885.43	0.005	185.6	0.0488
885.47	0.008	192.6	0.0204	885.47	0.011	186.1	0.0577
885.50	0.009	192.8	0.024	885.50	0.012	186.4	0.0639
885.53	0.012	193.1	0.0293	885.53	0.015	186.8	0.0719
885.57	0.014	193.3	0.0328	885.57	0.019	187.4	0.0719
885.60	0.015	193.6	0.0364	885.60	0.021	187.4	0.0799
885.63	0.018	193.9	0.0364	885.63	0.021	187.8	0.087
885.68	0.019	194.1	0.0426	885.67	0.023	188.2	0.0941
885.72	0.02	194.3	0.0453	885.70	0.028	188.7	0.1021
885.73	0.022	194.5	0.0453	885.73	0.029	189	0.1065
885.77	0.023	194.7	0.0479	885.77	0.031	189.4	0.1136
885.80	0.023	194.7	0.0506	885.80	0.034	189.8	0.1136
885.83	0.024	194.9	0.0533	885.83	0.035	190.2	0.1189
885.87	0.026	195.2	0.0559	885.87	0.035	190.2	0.1225

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
885.90	0.027	195.4	0.0577	885.90	0.036	190.5	0.126
885.93	0.027	195.6	0.0586	885.93	0.038	190.8	0.1296
885.97	0.028	195.8	0.0586	885.97	0.039	191.1	0.1314
886.00	0.029	196	0.0595	886.00	0.04	191.3	0.134
886.03	0.029	196	0.0612	886.03	0.04	191.6	0.134
886.07	0.029	196.1	0.0612	886.07	0.04	191.7	0.1349
886.10	0.029	196.2	0.0612	886.12	0.04	191.9	0.1358
886.13	0.028	196.3	0.0612	886.15	0.04	192.1	0.1358
886.17	0.028	196.4	0.0612	886.17	0.04	192.2	0.1358
886.20	0.028	196.5	0.0612	886.20	0.04	192.2	0.1358
886.23	0.028	196.5	0.0612	886.23	0.04	192.3	0.1358
886.27	0.028	196.5	0.0612	886.27	0.039	192.4	0.134
886.30	0.026	196.5	0.0586	886.30	0.036	192.3	0.1314
886.33	0.025	196.5	0.0568	886.33	0.035	192.3	0.1296
886.37	0.023	196.5	0.0559	886.37	0.033	192.2	0.1269
886.40	0.023	196.5	0.0541	886.40	0.03	192.1	0.1269
886.43	0.021	196.4	0.0515	886.43	0.028	192.1	0.1234
886.47	0.019	196.3	0.0515	886.47	0.028	192.1	0.1198
886.50	0.019	196.3	0.0497	886.50	0.026	191.9	0.1154
886.53	0.018	196.2	0.0462	886.53	0.022	191.6	0.1101
886.57	0.016	196	0.0435	886.57	0.02	191.4	0.1047
886.60	0.013	195.9	0.0408	886.60	0.018	191.1	0.0985
886.63	0.012	195.7	0.0373	886.63	0.013	190.8	0.0985
886.67	0.011	195.5	0.0337	886.67	0.011	190.8	0.0905
886.70	0.007	195.2	0.0337	886.70	0.011	190.5	0.0843
886.73	0.006	195.2	0.0302	886.73	0.009	190.1	0.0763
886.77	0.006	195.1	0.0257	886.77	0.003	189.7	0.0683
886.80	0.004	194.8	0.0222	886.80	0.002	189.4	0.0621
886.83	0.001	194.6	0.0178	886.83	-0.001	188.9	0.0533
886.87	0	194.4	0.0142	886.87	-0.006	188.4	0.0533
886.90	-0.002	194.1	0.0107	886.90	-0.007	188.4	0.0444
886.93	-0.005	193.8	0.0107	886.93	-0.007	188.1	0.0382
886.97	-0.006	193.8	0.0062	886.97	-0.01	187.5	0.0302
887.00	-0.006	193.6	0.0036	887.00	-0.014	187.1	0.0213
887.03	-0.008	193.3	0	887.03	-0.015	186.7	0.016
887.07	-0.01	193	-0.0036	887.07	-0.017	186.1	0.0098
887.10	-0.011	192.8	-0.0062	887.10	-0.021	185.7	0.0098
887.15	-0.012	192.5	-0.0089	887.13	-0.022	185.7	0.0036
887.18	-0.014	192.4	-0.0107	887.17	-0.022	185.4	0
887.20	-0.014	192.2	-0.0124	887.20	-0.023	185	-0.0053
887.23	-0.015	192	-0.0142	887.23	-0.026	184.6	-0.0098
887.27	-0.016	191.8	-0.0142	887.27	-0.026	184.3	-0.0115
887.30	-0.016	191.8	-0.0151	887.30	-0.027	184.1	-0.0142
887.33	-0.016	191.6	-0.0169	887.33	-0.028	183.8	-0.0142
887.37	-0.017	191.5	-0.0169	887.37	-0.029	183.8	-0.016
887.40	-0.017	191.3	-0.0178	887.40	-0.029	183.6	-0.0169
887.43	-0.017	191.2	-0.0186	887.43	-0.029	183.3	-0.0186
887.47	-0.017	191.1	-0.0186	887.47	-0.029	183.2	-0.0186
887.50	-0.017	191	-0.0186	887.50	-0.028	183.1	-0.0186
887.53	-0.016	191	-0.0178	887.55	-0.028	183	-0.0178
887.57	-0.016	191	-0.0178	887.58	-0.027	182.9	-0.0169
887.60	-0.016	190.9	-0.016	887.62	-0.026	182.9	-0.016
887.63	-0.014	190.9	-0.0151	887.63	-0.025	182.9	-0.0133
887.67	-0.013	190.9	-0.0133	887.67	-0.022	183	-0.0133
887.70	-0.013	191	-0.0124	887.70	-0.02	183	-0.0107
887.73	-0.011	191.1	-0.0124	887.73	-0.02	183	-0.008
887.77	-0.009	191.1	-0.0098	887.77	-0.019	183.2	-0.0044
887.80	-0.009	191.2	-0.0089	887.80	-0.015	183.4	0
887.83	-0.008	191.2	-0.0053	887.83	-0.014	183.5	0.0036
887.87	-0.005	191.4	-0.0027	887.87	-0.012	183.7	0.0098
887.90	-0.004	191.5	0	887.90	-0.007	184.1	0.0098
887.93	-0.003	191.6	0.0036	887.93	-0.005	184.1	0.016
887.97	0.001	191.9	0.0036	887.97	-0.005	184.3	0.0213

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
888.00	0.002	192	0.008	888.00	-0.003	184.6	0.0293
888.03	0.002	192	0.0107	888.03	0.002	185.1	0.0382
888.07	0.004	192.2	0.0151	888.07	0.005	185.4	0.0444
888.10	0.007	192.5	0.0186	888.10	0.006	185.7	0.0524
888.13	0.009	192.7	0.0222	888.13	0.012	186.2	0.0524
888.17	0.01	192.9	0.0257	888.17	0.014	186.6	0.0612
888.20	0.013	193.2	0.0257	888.20	0.014	186.6	0.0675
888.23	0.015	193.4	0.0311	888.23	0.016	187	0.0754
888.27	0.015	193.4	0.0346	888.27	0.02	187.6	0.0843
888.30	0.015	193.7	0.0373	888.30	0.023	187.9	0.0905
888.33	0.018	194	0.0417	888.33	0.024	188.3	0.0968
888.37	0.02	194.2	0.0444	888.37	0.028	188.8	0.0968
888.40	0.021	194.4	0.0479	888.40	0.03	189.2	0.1047
888.43	0.023	194.7	0.0479	888.43	0.03	189.2	0.1101
888.47	0.025	194.9	0.0506	888.47	0.031	189.5	0.1145
888.50	0.025	194.9	0.0533	888.50	0.034	190	0.1207
888.53	0.025	195.1	0.055	888.53	0.036	190.3	0.1243
888.58	0.027	195.6	0.0568	888.57	0.037	190.6	0.1269
888.62	0.027	195.6	0.0577	888.60	0.038	190.9	0.1269
888.65	0.027	195.7	0.0595	888.63	0.04	191.2	0.1305
888.67	0.028	195.9	0.0604	888.67	0.04	191.2	0.1323
888.70	0.029	196	0.0612	888.70	0.04	191.4	0.134
888.73	0.029	196.2	0.0621	888.73	0.04	191.6	0.1349
888.77	0.029	196.3	0.0621	888.77	0.04	191.8	0.1358
888.80	0.029	196.4	0.0621	888.80	0.04	192	0.1358
888.83	0.029	196.4	0.0621	888.83	0.04	192.1	0.1358
888.87	0.028	196.5	0.0612	888.87	0.04	192.2	0.1358
888.90	0.028	196.5	0.0612	888.90	0.038	192.2	0.1358
888.93	0.027	196.5	0.0604	888.93	0.038	192.3	0.134
888.97	0.026	196.6	0.0586	888.97	0.037	192.3	0.1323
889.00	0.025	196.5	0.0568	889.02	0.034	192.2	0.1296
889.03	0.023	196.5	0.0568	889.05	0.034	192.3	0.1287
889.07	0.023	196.5	0.055	889.07	0.032	192.2	0.1252
889.10	0.022	196.5	0.0533	889.10	0.029	192	0.1216
889.13	0.02	196.3	0.0506	889.13	0.027	192	0.1172
889.17	0.018	196.2	0.0479	889.17	0.025	191.7	0.1127
889.20	0.017	196.2	0.0453	889.20	0.021	191.5	0.1127
889.23	0.015	196	0.0426	889.23	0.019	191.5	0.1065
889.27	0.013	195.8	0.0426	889.27	0.019	191.3	0.1021
889.30	0.013	195.8	0.0399	889.30	0.017	191	0.0959
889.33	0.012	195.6	0.0364	889.33	0.012	190.6	0.0879
889.37	0.009	195.3	0.032	889.37	0.01	190.4	0.0817
889.40	0.006	195.1	0.0284	889.40	0.007	189.9	0.0737
889.43	0.005	195	0.024	889.43	0.002	189.5	0.0737
889.47	0.003	194.7	0.0195	889.47	0.001	189.5	0.0639
889.50	0	194.4	0.0195	889.50	0.001	189.2	0.0586
889.53	0	194.4	0.016	889.53	-0.002	188.7	0.0506
889.57	-0.001	194.3	0.0124	889.57	-0.007	188.2	0.0417
889.60	-0.004	193.9	0.008	889.60	-0.008	187.9	0.0346
889.63	-0.006	193.7	0.0044	889.63	-0.011	187.3	0.0275
889.67	-0.007	193.5	0.0009	889.67	-0.016	186.8	0.0275
889.70	-0.009	193.1	-0.0027	889.70	-0.016	186.8	0.0186
889.73	-0.011	192.9	-0.0027	889.73	-0.016	186.5	0.0142
889.77	-0.011	192.9	-0.0044	889.77	-0.018	186	0.0071
889.80	-0.011	192.7	-0.0071	889.80	-0.022	185.5	0.0009
889.83	-0.013	192.4	-0.0098	889.83	-0.022	185.2	-0.0018
889.87	-0.015	192.2	-0.0124	889.87	-0.024	184.8	-0.0071
889.90	-0.015	192	-0.0142	889.90	-0.027	184.4	-0.0071
889.93	-0.016	191.8	-0.0151	889.93	-0.027	184.4	-0.0107
889.97	-0.016	191.6	-0.0151	889.97	-0.027	184.2	-0.0133
890.00	-0.017	191.6	-0.016	890.00	-0.028	183.9	-0.0151
890.05	-0.017	191.3	-0.0178	890.03	-0.028	183.7	-0.0169
890.08	-0.017	191.2	-0.0178	890.07	-0.029	183.5	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
890.10	-0.017	191.2	-0.0178	890.10	-0.029	183.3	-0.0178
890.13	-0.017	191.1	-0.0178	890.13	-0.029	183.1	-0.0178
890.17	-0.017	191	-0.0178	890.17	-0.028	183.1	-0.0186
890.20	-0.017	190.9	-0.0178	890.20	-0.028	183	-0.0186
890.23	-0.016	190.9	-0.0169	890.23	-0.027	182.9	-0.0169
890.27	-0.016	190.9	-0.016	890.27	-0.026	182.9	-0.0151
890.30	-0.014	190.9	-0.016	890.30	-0.025	182.9	-0.0133
890.33	-0.013	190.9	-0.0151	890.33	-0.023	183	-0.0107
890.37	-0.013	190.9	-0.0133	890.37	-0.02	183.1	-0.0107
890.40	-0.012	191	-0.0115	890.40	-0.019	183.1	-0.008
890.43	-0.01	191.1	-0.0089	890.43	-0.019	183.2	-0.0053
890.47	-0.009	191.2	-0.0071	890.48	-0.015	183.5	-0.0009
890.50	-0.007	191.3	-0.0044	890.52	-0.013	183.5	0.0018
890.53	-0.004	191.4	-0.0044	890.53	-0.013	183.6	0.0062
890.57	-0.003	191.4	-0.0009	890.57	-0.011	183.8	0.0115
890.60	-0.003	191.5	0.0018	890.60	-0.006	184.2	0.0186
890.63	-0.002	191.7	0.0053	890.63	-0.003	184.5	0.0249
890.67	0.002	191.9	0.0089	890.67	-0.002	184.7	0.0328
890.70	0.003	192.1	0.0115	890.70	0.003	185.2	0.0328
890.73	0.004	192.3	0.016	890.73	0.006	185.6	0.0417
890.77	0.008	192.6	0.016	890.77	0.006	185.6	0.0479
890.80	0.009	192.6	0.0204	890.80	0.008	185.9	0.0559
890.83	0.009	192.8	0.0231	890.83	0.013	186.4	0.0648
890.87	0.011	193	0.0293	890.87	0.015	186.8	0.0701
890.90	0.015	193.3	0.0328	890.90	0.017	187.2	0.079
890.93	0.015	193.5	0.0355	890.93	0.021	187.7	0.079
890.97	0.016	193.8	0.0391	890.97	0.024	188.1	0.087
891.00	0.02	194.1	0.0391	891.00	0.024	188.1	0.0932
891.03	0.021	194.1	0.0435	891.03	0.025	188.5	0.0994
891.07	0.021	194.3	0.0462	891.07	0.029	189	0.1074
891.10	0.022	194.5	0.0497	891.10	0.031	189.3	0.1127
891.13	0.024	194.7	0.0515	891.13	0.033	189.7	0.1181
891.17	0.025	194.9	0.0533	891.17	0.035	190.1	0.1181
891.20	0.025	195.1	0.0559	891.20	0.037	190.4	0.1225
891.23	0.027	195.4	0.0559	891.23	0.037	190.4	0.126
891.27	0.027	195.6	0.0577	891.27	0.037	190.7	0.1287
891.30	0.027	195.6	0.0586	891.30	0.039	191	0.1323
891.33	0.028	195.8	0.0604	891.33	0.04	191.3	0.134
891.37	0.028	195.9	0.0612	891.37	0.04	191.5	0.1349
891.40	0.029	196.1	0.0612	891.40	0.04	191.7	0.1358
891.43	0.029	196.2	0.0621	891.43	0.04	191.9	0.1358
891.48	0.029	196.3	0.0621	891.47	0.04	191.9	0.1358
891.52	0.029	196.4	0.0621	891.50	0.04	192	0.1358
891.55	0.029	196.5	0.0621	891.53	0.04	192.1	0.1358
891.57	0.027	196.5	0.0621	891.57	0.039	192.3	0.1358
891.60	0.026	196.5	0.0604	891.60	0.038	192.3	0.1331
891.63	0.026	196.5	0.0595	891.63	0.036	192.3	0.1305
891.67	0.026	196.6	0.0586	891.67	0.033	192.2	0.1305
891.70	0.024	196.5	0.0568	891.70	0.032	192.2	0.1287
891.73	0.022	196.5	0.0541	891.73	0.032	192.2	0.126
891.77	0.022	196.4	0.0524	891.77	0.031	192.1	0.1216
891.80	0.02	196.3	0.0524	891.80	0.026	191.9	0.1181
891.83	0.017	196.2	0.0497	891.83	0.025	191.8	0.1136
891.87	0.017	196.2	0.047	891.87	0.023	191.5	0.1083
891.90	0.017	196.1	0.0453	891.92	0.018	191.3	0.1021
891.93	0.014	195.9	0.0408	891.95	0.018	191.2	0.0985
891.97	0.011	195.7	0.0373	891.98	0.016	190.8	0.0923
892.00	0.011	195.6	0.0337	892.00	0.01	190.4	0.0923
892.03	0.008	195.3	0.0337	892.03	0.009	190.4	0.0843
892.07	0.005	195.1	0.0302	892.07	0.009	190.2	0.0781
892.10	0.005	195.1	0.0257	892.10	0.006	189.8	0.0701
892.13	0.004	194.9	0.0222	892.13	0	189.3	0.0612
892.17	0.002	194.6	0.0186	892.17	-0.001	189	0.0559

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
892.20	-0.001	194.3	0.0151	892.20	-0.003	188.5	0.047
892.23	-0.002	194.1	0.0107	892.23	-0.008	188	0.047
892.27	-0.004	193.8	0.0107	892.27	-0.01	188	0.0382
892.30	-0.007	193.5	0.0062	892.30	-0.01	187.7	0.0328
892.33	-0.007	193.5	0.0027	892.33	-0.012	187.2	0.024
892.37	-0.008	193.3	0	892.37	-0.016	186.6	0.0169
892.40	-0.009	193	-0.0027	892.40	-0.017	186.3	0.0115
892.43	-0.011	192.8	-0.0053	892.43	-0.019	185.8	0.0053
892.47	-0.012	192.6	-0.0089	892.47	-0.023	185.3	0.0053
892.50	-0.014	192.3	-0.0115	892.50	-0.024	185.3	-0.0009
892.53	-0.015	192.1	-0.0115	892.53	-0.024	185	-0.0036
892.57	-0.015	192.1	-0.0133	892.57	-0.025	184.7	-0.008
892.60	-0.015	191.9	-0.0142	892.60	-0.027	184.3	-0.0115
892.63	-0.016	191.7	-0.016	892.63	-0.027	184.1	-0.0133
892.67	-0.017	191.5	-0.0169	892.67	-0.028	183.8	-0.016
892.70	-0.017	191.4	-0.0178	892.70	-0.028	183.5	-0.016
892.73	-0.017	191.3	-0.0178	892.73	-0.029	183.3	-0.0169
892.77	-0.017	191.2	-0.0178	892.77	-0.029	183.3	-0.0178
892.80	-0.017	191.2	-0.0186	892.80	-0.029	183.2	-0.0186
892.83	-0.017	191.1	-0.0186	892.83	-0.028	183	-0.0178
892.87	-0.017	191	-0.0178	892.87	-0.028	182.9	-0.0178
892.90	-0.016	191	-0.0169	892.90	-0.027	182.9	-0.016
892.95	-0.015	190.9	-0.016	892.93	-0.025	182.9	-0.016
892.98	-0.015	190.9	-0.0151	892.97	-0.023	183	-0.0142
893.00	-0.013	190.9	-0.0142	893.00	-0.023	183	-0.0124
893.03	-0.013	190.9	-0.0124	893.03	-0.023	182.9	-0.0107
893.07	-0.011	191	-0.0107	893.07	-0.02	183.1	-0.0071
893.10	-0.009	191.1	-0.0107	893.10	-0.017	183.2	-0.0036
893.13	-0.008	191.1	-0.008	893.13	-0.016	183.3	0.0009
893.17	-0.008	191.2	-0.0062	893.17	-0.013	183.6	0.0062
893.20	-0.007	191.3	-0.0036	893.20	-0.01	183.9	0.0062
893.23	-0.003	191.5	0	893.23	-0.01	183.9	0.0115
893.27	-0.003	191.6	0.0036	893.27	-0.008	184.1	0.0178
893.30	-0.001	191.8	0.0071	893.30	-0.004	184.5	0.0249
893.33	0.003	192	0.0071	893.33	0	184.8	0.0328
893.37	0.004	192	0.0107	893.38	0.001	185.1	0.0399
893.40	0.004	192.2	0.0142	893.42	0.003	185.4	0.0435
893.43	0.005	192.4	0.0178	893.43	0.007	185.8	0.0515
893.47	0.009	192.7	0.0222	893.47	0.01	186.1	0.0586
893.50	0.01	192.9	0.0249	893.50	0.012	186.6	0.0666
893.53	0.012	193.1	0.0302	893.53	0.017	187.1	0.0666
893.57	0.015	193.4	0.0302	893.57	0.019	187.1	0.0746
893.60	0.016	193.4	0.0346	893.60	0.019	187.4	0.0808
893.63	0.016	193.6	0.0373	893.63	0.021	187.9	0.0888
893.67	0.017	193.9	0.0408	893.67	0.025	188.3	0.0959
893.70	0.02	194.2	0.0444	893.70	0.027	188.7	0.1021
893.73	0.021	194.4	0.047	893.73	0.029	189.1	0.1092
893.77	0.022	194.6	0.0506	893.77	0.033	189.5	0.1092
893.80	0.025	194.9	0.0506	893.80	0.033	189.5	0.1154
893.83	0.025	194.9	0.0533	893.83	0.033	189.8	0.1189
893.87	0.025	195.1	0.055	893.87	0.035	190.2	0.1234
893.90	0.026	195.2	0.0568	893.90	0.037	190.5	0.1278
893.93	0.027	195.5	0.0586	893.93	0.038	190.8	0.1296
893.97	0.028	195.7	0.0595	893.97	0.039	191.2	0.1331
894.00	0.028	195.9	0.0604	894.00	0.04	191.4	0.1331
894.03	0.028	196	0.0604	894.03	0.04	191.4	0.1349
894.07	0.029	196	0.0612	894.07	0.04	191.6	0.1358
894.10	0.029	196.1	0.0612	894.10	0.04	191.8	0.1358
894.13	0.029	196.2	0.0621	894.13	0.04	191.9	0.1367
894.17	0.029	196.3	0.0621	894.17	0.04	192.1	0.1367
894.20	0.029	196.4	0.0621	894.20	0.04	192.2	0.1367
894.23	0.028	196.5	0.0604	894.23	0.038	192.3	0.1367
894.27	0.026	196.5	0.0604	894.27	0.037	192.3	0.1349

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
894.30	0.026	196.5	0.0586	894.30	0.037	192.3	0.1331
894.33	0.026	196.5	0.0577	894.33	0.036	192.3	0.1305
894.37	0.024	196.5	0.0559	894.37	0.033	192.2	0.1278
894.42	0.022	196.4	0.0541	894.40	0.032	192.2	0.1252
894.45	0.022	196.4	0.0533	894.43	0.03	192	0.1207
894.47	0.021	196.3	0.0506	894.47	0.026	191.8	0.1207
894.50	0.018	196.2	0.047	894.50	0.024	191.8	0.1163
894.53	0.017	196.1	0.0453	894.53	0.024	191.7	0.1118
894.57	0.016	196	0.0417	894.57	0.022	191.5	0.1065
894.60	0.012	195.8	0.0417	894.60	0.017	191.2	0.1003
894.63	0.011	195.8	0.0382	894.63	0.015	190.9	0.095
894.67	0.011	195.6	0.0364	894.67	0.013	190.6	0.087
894.70	0.01	195.4	0.032	894.70	0.008	190.2	0.087
894.73	0.006	195.1	0.0275	894.73	0.006	189.8	0.079
894.77	0.005	194.9	0.024	894.77	0.006	189.8	0.0719
894.80	0.003	194.7	0.0195	894.82	0	189.1	0.0639
894.83	0	194.4	0.0195	894.85	-0.002	188.7	0.0586
894.87	-0.001	194.2	0.0151	894.88	-0.002	188.7	0.0533
894.90	-0.001	194.2	0.0124	894.90	-0.004	188.4	0.0453
894.93	-0.003	194	0.008	894.93	-0.009	187.8	0.0355
894.97	-0.006	193.6	0.0044	894.97	-0.012	187.4	0.0293
895.00	-0.007	193.4	0.0018	895.00	-0.013	187	0.0222
895.03	-0.008	193.2	-0.0027	895.03	-0.016	186.4	0.0222
895.07	-0.01	192.9	-0.0027	895.07	-0.019	186	0.0151
895.10	-0.012	192.7	-0.0053	895.10	-0.019	186	0.0089
895.13	-0.012	192.7	-0.0071	895.13	-0.02	185.7	0.0036
895.17	-0.013	192.4	-0.0098	895.17	-0.023	185.2	-0.0018
895.20	-0.014	192.2	-0.0124	895.20	-0.025	184.9	-0.0053
895.23	-0.015	192	-0.0142	895.23	-0.025	184.6	-0.0089
895.27	-0.015	191.8	-0.0151	895.27	-0.027	184.2	-0.0089
895.30	-0.016	191.6	-0.0169	895.30	-0.028	183.9	-0.0124
895.33	-0.017	191.4	-0.0169	895.33	-0.028	183.9	-0.0142
895.37	-0.017	191.4	-0.0178	895.37	-0.028	183.7	-0.016
895.40	-0.017	191.3	-0.0186	895.40	-0.029	183.5	-0.0169
895.43	-0.017	191.2	-0.0186	895.43	-0.029	183.3	-0.0178
895.47	-0.017	191.1	-0.0186	895.47	-0.028	183.1	-0.0178
895.50	-0.017	191	-0.0186	895.50	-0.028	183	-0.0178
895.53	-0.017	191	-0.0178	895.53	-0.028	182.9	-0.0178
895.57	-0.016	190.9	-0.0178	895.57	-0.026	182.9	-0.0169
895.60	-0.015	190.9	-0.0169	895.60	-0.026	182.9	-0.0151
895.63	-0.015	190.9	-0.016	895.63	-0.025	182.9	-0.0133
895.67	-0.014	190.9	-0.0151	895.67	-0.023	182.9	-0.0107
895.70	-0.012	191	-0.0124	895.70	-0.022	183	-0.0089
895.73	-0.012	191	-0.0107	895.73	-0.02	183.1	-0.0044
895.77	-0.01	191.1	-0.0089	895.77	-0.016	183.3	-0.0044
895.80	-0.007	191.2	-0.0089	895.80	-0.015	183.3	-0.0009
895.85	-0.007	191.3	-0.0044	895.83	-0.015	183.4	0.0036
895.88	-0.006	191.4	-0.0018	895.87	-0.013	183.7	0.0089
895.92	-0.003	191.6	0.0018	895.90	-0.008	184	0.0142
895.93	-0.002	191.6	0.0009	895.93	-0.007	184.2	0.0204
895.97	-0.002	191.7	0.0044	895.97	-0.004	184.6	0.0275
896.00	0	191.9	0.0089	896.00	0.001	184.9	0.0275
896.03	0.004	192.1	0.0124	896.03	0.002	184.9	0.0364
896.07	0.004	192.3	0.0151	896.07	0.002	185.2	0.0426
896.10	0.006	192.5	0.0195	896.10	0.005	185.7	0.0506
896.13	0.01	192.8	0.0195	896.13	0.011	186.1	0.0595
896.17	0.011	192.8	0.024	896.17	0.012	186.4	0.0648
896.20	0.011	193	0.0275	896.20	0.014	187	0.0728
896.23	0.012	193.2	0.032	896.23	0.02	187.4	0.0728
896.27	0.016	193.5	0.0355	896.28	0.021	187.7	0.0861
896.30	0.017	193.7	0.0382	896.32	0.022	188.1	0.0923
896.33	0.018	193.9	0.0417	896.33	0.027	188.5	0.0923
896.37	0.021	194.2	0.0417	896.37	0.027	188.5	0.0994

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
896.40	0.022	194.2	0.0453	896.40	0.027	188.9	0.1047
896.43	0.022	194.4	0.0479	896.43	0.03	189.3	0.1127
896.47	0.023	194.7	0.0506	896.47	0.033	189.7	0.1181
896.50	0.025	194.9	0.0533	896.50	0.035	190.1	0.1225
896.53	0.026	195.1	0.055	896.53	0.036	190.4	0.126
896.57	0.027	195.4	0.0577	896.57	0.038	190.7	0.126
896.60	0.027	195.6	0.0577	896.60	0.038	190.7	0.1296
896.63	0.028	195.7	0.0586	896.63	0.038	190.9	0.1314
896.67	0.028	195.7	0.0595	896.67	0.039	191.2	0.134
896.70	0.028	195.9	0.0604	896.70	0.04	191.5	0.1358
896.73	0.029	196	0.0612	896.73	0.04	191.7	0.1367
896.77	0.029	196.1	0.0612	896.77	0.04	191.8	0.1367
896.80	0.029	196.3	0.0612	896.80	0.04	192	0.1367
896.83	0.029	196.4	0.0612	896.83	0.04	192.1	0.1376
896.87	0.028	196.4	0.0621	896.87	0.04	192.1	0.1376
896.90	0.028	196.4	0.0604	896.90	0.04	192.3	0.1367
896.93	0.027	196.5	0.0604	896.93	0.038	192.3	0.1349
896.97	0.026	196.4	0.0586	896.97	0.036	192.3	0.1331
897.00	0.025	196.4	0.0568	897.00	0.035	192.3	0.1305
897.03	0.024	196.5	0.0559	897.03	0.032	192.2	0.1305
897.07	0.023	196.4	0.0533	897.07	0.03	192.1	0.1269
897.10	0.021	196.3	0.0533	897.10	0.03	192.1	0.1243
897.13	0.021	196.3	0.0515	897.13	0.028	192	0.1198
897.17	0.019	196.2	0.0479	897.17	0.025	191.7	0.1154
897.20	0.017	196.1	0.0453	897.20	0.022	191.6	0.111
897.23	0.015	195.9	0.0426	897.23	0.021	191.4	0.1047
897.27	0.014	195.8	0.0399	897.27	0.017	191	0.1047
897.32	0.012	195.6	0.0364	897.30	0.014	190.8	0.0976
897.35	0.01	195.5	0.0346	897.33	0.014	190.8	0.0923
897.37	0.009	195.3	0.0311	897.37	0.012	190.5	0.0843
897.40	0.007	195	0.0275	897.40	0.007	190	0.0763
897.43	0.003	194.8	0.0275	897.43	0.004	189.7	0.0692
897.47	0.002	194.8	0.0222	897.47	0.002	189.3	0.0612
897.50	0.002	194.6	0.0195	897.50	-0.002	188.8	0.0612
897.53	0.001	194.3	0.0151	897.53	-0.005	188.4	0.0524
897.57	-0.003	194.1	0.0107	897.57	-0.005	188.4	0.0462
897.60	-0.004	193.9	0.008	897.60	-0.007	188	0.0382
897.63	-0.005	193.5	0.0044	897.63	-0.011	187.4	0.0302
897.67	-0.008	193.3	0.0044	897.67	-0.014	187	0.0222
897.70	-0.009	193.3	0	897.72	-0.015	186.6	0.016
897.73	-0.009	193.1	-0.0027	897.75	-0.017	186.2	0.0124
897.77	-0.01	192.8	-0.0053	897.78	-0.02	185.8	0.0071
897.80	-0.013	192.5	-0.0089	897.80	-0.021	185.4	0.0018
897.83	-0.013	192.4	-0.0107	897.83	-0.023	185	-0.0036
897.87	-0.014	192.1	-0.0124	897.87	-0.026	184.7	-0.0036
897.90	-0.016	191.9	-0.0124	897.90	-0.026	184.7	-0.0071
897.93	-0.016	191.9	-0.0142	897.93	-0.026	184.4	-0.0098
897.97	-0.016	191.7	-0.0151	897.97	-0.027	184	-0.0124
898.00	-0.016	191.5	-0.0169	898.00	-0.029	183.8	-0.0151
898.03	-0.017	191.4	-0.0178	898.03	-0.028	183.6	-0.016
898.07	-0.017	191.2	-0.0186	898.07	-0.028	183.3	-0.0169
898.10	-0.017	191.2	-0.0186	898.10	-0.029	183.2	-0.0169
898.13	-0.017	191.1	-0.0186	898.13	-0.029	183.2	-0.0178
898.17	-0.017	191.1	-0.0178	898.17	-0.029	183	-0.0178
898.20	-0.017	191	-0.0178	898.20	-0.028	182.9	-0.0169
898.23	-0.016	190.9	-0.0169	898.23	-0.027	182.9	-0.016
898.27	-0.015	190.9	-0.016	898.27	-0.026	182.8	-0.0151
898.30	-0.014	190.9	-0.0151	898.30	-0.025	182.9	-0.0124
898.33	-0.014	190.9	-0.0133	898.33	-0.022	183	-0.0124
898.37	-0.011	191	-0.0133	898.37	-0.021	183	-0.0098
898.40	-0.011	191	-0.0115	898.40	-0.021	183	-0.0071
898.43	-0.011	191	-0.0098	898.43	-0.019	183.1	-0.0036
898.47	-0.01	191.2	-0.008	898.47	-0.015	183.3	0.0009

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
898.50	-0.007	191.3	-0.0044	898.50	-0.014	183.5	0.0044
898.53	-0.006	191.3	-0.0018	898.53	-0.012	183.7	0.0098
898.57	-0.004	191.5	0.0009	898.57	-0.007	184	0.0098
898.60	-0.001	191.7	0.0009	898.60	-0.005	184	0.0169
898.63	0	191.7	0.0044	898.63	-0.005	184.3	0.0222
898.67	0	191.8	0.008	898.67	-0.003	184.6	0.0311
898.70	0.002	192.1	0.0115	898.70	0.002	185	0.0391
898.75	0.006	192.3	0.016	898.73	0.004	185.3	0.0453
898.78	0.006	192.4	0.0178	898.77	0.006	185.7	0.0524
898.82	0.007	192.7	0.0213	898.80	0.012	186.2	0.0524
898.83	0.011	192.9	0.0257	898.83	0.014	186.2	0.0621
898.87	0.012	193.1	0.0302	898.87	0.014	186.6	0.0683
898.90	0.013	193.4	0.0337	898.90	0.016	187	0.0754
898.93	0.017	193.6	0.0337	898.93	0.021	187.5	0.0843
898.97	0.017	193.6	0.0373	898.97	0.023	187.9	0.0905
899.00	0.017	193.8	0.0408	899.00	0.024	188.2	0.0976
899.03	0.019	194.1	0.0444	899.03	0.029	188.8	0.0976
899.07	0.022	194.4	0.0479	899.07	0.03	189.1	0.1056
899.10	0.022	194.6	0.0497	899.10	0.03	189.1	0.1101
899.13	0.023	194.8	0.0524	899.13	0.032	189.5	0.1154
899.17	0.026	195	0.0524	899.18	0.035	190.2	0.1207
899.20	0.026	195	0.055	899.22	0.035	190.2	0.1234
899.23	0.026	195.2	0.0568	899.23	0.036	190.5	0.1269
899.27	0.027	195.4	0.0577	899.27	0.038	190.8	0.1305
899.30	0.028	195.7	0.0595	899.30	0.039	191.1	0.1331
899.33	0.028	195.8	0.0604	899.33	0.039	191.3	0.134
899.37	0.029	195.9	0.0612	899.37	0.04	191.5	0.134
899.40	0.029	196.1	0.0612	899.40	0.04	191.8	0.1349
899.43	0.029	196.1	0.0621	899.43	0.04	191.8	0.1367
899.47	0.029	196.2	0.0621	899.47	0.04	191.9	0.1367
899.50	0.029	196.3	0.0621	899.50	0.04	192.1	0.1367
899.53	0.028	196.4	0.0621	899.53	0.04	192.2	0.1367
899.57	0.028	196.4	0.0612	899.57	0.039	192.3	0.1358
899.60	0.027	196.5	0.0595	899.60	0.038	192.3	0.1331
899.63	0.025	196.5	0.0595	899.63	0.035	192.2	0.1331
899.67	0.024	196.5	0.0586	899.67	0.034	192.2	0.1314
899.70	0.024	196.4	0.0568	899.70	0.034	192.2	0.1287
899.73	0.024	196.4	0.055	899.73	0.032	192.2	0.126
899.77	0.021	196.3	0.0533	899.77	0.029	192	0.1216
899.80	0.02	196.3	0.0506	899.80	0.027	191.9	0.1181
899.83	0.019	196.2	0.0479	899.83	0.025	191.7	0.1136
899.87	0.016	196	0.0479	899.87	0.021	191.5	0.1136
899.90	0.015	196	0.0444	899.90	0.019	191.5	0.1074
899.93	0.015	195.9	0.0426	899.93	0.019	191.3	0.103
899.97	0.013	195.7	0.0382	899.97	0.017	190.9	0.0968
900.00	0.01	195.5	0.0346	900.00	0.012	190.6	0.0888
900.03	0.009	195.3	0.032	900.03	0.01	190.3	0.0826
900.07	0.007	195.1	0.0284	900.07	0.007	189.9	0.0746
900.10	0.004	194.8	0.0284	900.10	0.002	189.5	0.0746
900.13	0.002	194.6	0.0231	900.13	0.001	189.5	0.0657
900.17	0.002	194.6	0.0195	900.17	0.001	189.2	0.0595
900.22	-0.001	194.2	0.0151	900.20	-0.002	188.6	0.0515
900.25	-0.003	193.9	0.0133	900.23	-0.007	188.2	0.0426
900.27	-0.003	193.9	0.0107	900.27	-0.009	187.8	0.0355
900.30	-0.004	193.7	0.0062	900.30	-0.011	187.3	0.0284
900.33	-0.007	193.4	0.0018	900.33	-0.015	186.8	0.0284
900.37	-0.009	193.1	-0.0009	900.37	-0.016	186.8	0.0195
900.40	-0.009	192.9	-0.0036	900.40	-0.016	186.4	0.0142
900.43	-0.012	192.6	-0.0036	900.43	-0.018	185.9	0.008
900.47	-0.013	192.4	-0.0071	900.47	-0.022	185.5	0.0018
900.50	-0.013	192.4	-0.0089	900.50	-0.023	185.2	-0.0018
900.53	-0.014	192.2	-0.0115	900.53	-0.024	184.8	-0.0062
900.57	-0.015	192	-0.0133	900.57	-0.026	184.4	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
900.60	-0.016	191.8	-0.0142	900.60	-0.027	184.4	-0.0098
900.63	-0.016	191.6	-0.0151	900.65	-0.028	183.9	-0.0142
900.67	-0.017	191.5	-0.0169	900.68	-0.028	183.7	-0.0142
900.70	-0.017	191.3	-0.0169	900.70	-0.028	183.7	-0.0151
900.73	-0.017	191.3	-0.0178	900.73	-0.028	183.5	-0.0169
900.77	-0.017	191.2	-0.0178	900.77	-0.029	183.3	-0.0169
900.80	-0.017	191.1	-0.0178	900.80	-0.029	183.1	-0.0178
900.83	-0.017	191	-0.0178	900.83	-0.028	183	-0.0178
900.87	-0.017	190.9	-0.0169	900.87	-0.028	182.9	-0.0169
900.90	-0.016	190.9	-0.016	900.90	-0.026	182.9	-0.0169
900.93	-0.014	190.9	-0.016	900.93	-0.025	182.9	-0.0151
900.97	-0.014	190.9	-0.0151	900.97	-0.025	182.8	-0.0142
901.00	-0.014	190.9	-0.0142	901.00	-0.024	182.8	-0.0115
901.03	-0.013	190.9	-0.0124	901.03	-0.021	183	-0.0089
901.07	-0.011	191	-0.0107	901.07	-0.02	183	-0.0062
901.10	-0.01	191	-0.0089	901.10	-0.018	183.1	-0.0018
901.13	-0.009	191.2	-0.0062	901.13	-0.014	183.4	-0.0018
901.17	-0.006	191.3	-0.0062	901.17	-0.012	183.6	0.0027
901.20	-0.005	191.3	-0.0036	901.20	-0.012	183.6	0.0062
901.23	-0.005	191.4	-0.0009	901.23	-0.011	183.8	0.0124
901.27	-0.004	191.6	0.0027	901.27	-0.006	184.1	0.0195
901.30	0	191.8	0.0062	901.30	-0.003	184.4	0.0249
901.33	0.001	191.9	0.0098	901.33	-0.002	184.7	0.0337
901.37	0.003	192.1	0.0133	901.37	0.003	185.2	0.0337
901.40	0.006	192.4	0.0133	901.40	0.006	185.5	0.0417
901.43	0.007	192.4	0.0178	901.43	0.006	185.5	0.0488
901.47	0.007	192.5	0.0213	901.47	0.008	185.8	0.0559
901.50	0.009	192.8	0.0249	901.50	0.012	186.4	0.0648
901.53	0.013	193.1	0.0302	901.53	0.016	186.8	0.0719
901.57	0.014	193.3	0.0328	901.57	0.017	187.2	0.079
901.60	0.015	193.5	0.0373	901.60	0.021	187.7	0.079
901.65	0.018	193.8	0.0408	901.63	0.024	188.1	0.087
901.68	0.019	194	0.0426	901.67	0.024	188.1	0.0941
901.72	0.02	194.2	0.0462	901.70	0.026	188.4	0.1012
901.73	0.023	194.5	0.0462	901.73	0.029	188.9	0.1074
901.77	0.023	194.5	0.0488	901.77	0.031	189.3	0.1136
901.80	0.023	194.7	0.0506	901.80	0.033	189.6	0.1181
901.83	0.024	194.9	0.0533	901.83	0.035	190	0.1234
901.87	0.026	195.1	0.0559	901.87	0.037	190.4	0.1234
901.90	0.026	195.3	0.0577	901.90	0.037	190.4	0.1269
901.93	0.027	195.6	0.0595	901.93	0.037	190.7	0.1296
901.97	0.028	195.7	0.0595	901.97	0.039	191	0.1331
902.00	0.029	195.9	0.0604	902.00	0.04	191.2	0.1349
902.03	0.029	195.9	0.0612	902.03	0.04	191.4	0.1358
902.07	0.029	196	0.0612	902.08	0.04	191.6	0.1367
902.10	0.029	196.1	0.0621	902.12	0.04	191.8	0.1376
902.13	0.029	196.2	0.0621	902.15	0.04	192	0.1376
902.17	0.029	196.3	0.0621	902.17	0.04	192.1	0.1376
902.20	0.028	196.4	0.0621	902.20	0.04	192.2	0.1376
902.23	0.027	196.5	0.0621	902.23	0.038	192.2	0.1376
902.27	0.027	196.5	0.0612	902.27	0.038	192.3	0.1358
902.30	0.027	196.5	0.0595	902.30	0.037	192.3	0.1331
902.33	0.025	196.4	0.0577	902.33	0.034	192.2	0.1305
902.37	0.023	196.4	0.0559	902.37	0.033	192.2	0.1287
902.40	0.023	196.4	0.0541	902.40	0.032	192.1	0.1243
902.43	0.021	196.3	0.0524	902.43	0.027	191.9	0.1243
902.47	0.019	196.2	0.0524	902.47	0.026	191.9	0.1198
902.50	0.018	196.2	0.0497	902.50	0.026	191.9	0.1172
902.53	0.018	196.1	0.047	902.53	0.024	191.6	0.111
902.57	0.016	196	0.0444	902.57	0.019	191.3	0.1056
902.60	0.013	195.8	0.0408	902.60	0.018	191.2	0.1003
902.63	0.012	195.7	0.0382	902.63	0.016	190.8	0.0932
902.67	0.011	195.4	0.0346	902.67	0.01	190.4	0.0932

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
902.70	0.007	195.2	0.0346	902.70	0.009	190.4	0.0852
902.73	0.006	195.2	0.0302	902.73	0.009	190.2	0.079
902.77	0.006	195	0.0257	902.77	0.006	189.7	0.071
902.80	0.004	194.7	0.0222	902.80	0	189.2	0.0621
902.83	0.001	194.5	0.0178	902.83	-0.001	188.9	0.0559
902.87	0	194.3	0.0151	902.87	-0.003	188.4	0.0479
902.90	-0.002	194	0.0107	902.90	-0.009	188	0.0479
902.93	-0.005	193.7	0.0107	902.93	-0.01	188	0.0391
902.97	-0.006	193.7	0.0062	902.97	-0.01	187.6	0.0328
903.00	-0.006	193.5	0.0036	903.00	-0.012	187.1	0.0249
903.03	-0.007	193.2	0	903.03	-0.017	186.6	0.0169
903.07	-0.01	193	-0.0036	903.07	-0.017	186.2	0.0124
903.12	-0.011	192.7	-0.0053	903.10	-0.019	185.7	0.0062
903.15	-0.011	192.6	-0.0071	903.13	-0.023	185.3	0.0062
903.17	-0.014	192.3	-0.0098	903.17	-0.024	185.3	0
903.20	-0.014	192.1	-0.0115	903.20	-0.024	185	-0.0027
903.23	-0.015	191.9	-0.0133	903.23	-0.025	184.6	-0.0071
903.27	-0.016	191.7	-0.0133	903.27	-0.027	184.3	-0.0107
903.30	-0.017	191.7	-0.0151	903.30	-0.027	184	-0.0124
903.33	-0.017	191.5	-0.016	903.33	-0.028	183.8	-0.0151
903.37	-0.017	191.4	-0.0169	903.37	-0.029	183.5	-0.0151
903.40	-0.017	191.3	-0.0169	903.40	-0.029	183.5	-0.016
903.43	-0.017	191.2	-0.0178	903.43	-0.029	183.3	-0.0169
903.47	-0.017	191	-0.0178	903.47	-0.029	183.2	-0.0178
903.50	-0.017	190.9	-0.0178	903.50	-0.028	183	-0.0178
903.53	-0.016	190.9	-0.0178	903.55	-0.028	182.9	-0.0169
903.57	-0.016	190.9	-0.0169	903.58	-0.027	182.8	-0.016
903.60	-0.016	190.9	-0.016	903.60	-0.026	182.8	-0.0142
903.63	-0.015	190.9	-0.0151	903.63	-0.024	182.8	-0.0124
903.67	-0.013	190.9	-0.0133	903.67	-0.024	182.8	-0.0107
903.70	-0.013	190.9	-0.0115	903.70	-0.02	183	-0.0107
903.73	-0.011	191	-0.0115	903.73	-0.019	183.1	-0.0071
903.77	-0.009	191.1	-0.0098	903.77	-0.019	183.1	-0.0044
903.80	-0.009	191.1	-0.008	903.80	-0.017	183.2	0
903.83	-0.008	191.2	-0.0044	903.83	-0.014	183.5	0.0053
903.87	-0.005	191.3	-0.0018	903.87	-0.011	183.7	0.0098
903.90	-0.004	191.4	0.0009	903.90	-0.009	183.9	0.016
903.93	-0.002	191.6	0.0044	903.93	-0.005	184.3	0.016
903.97	0.001	191.8	0.0044	903.97	-0.002	184.6	0.0231
904.00	0.002	191.9	0.008	904.00	-0.002	184.6	0.0293
904.03	0.002	191.9	0.0115	904.03	0	184.8	0.0373
904.07	0.003	192.1	0.0151	904.07	0.004	185.3	0.0453
904.10	0.007	192.4	0.0186	904.10	0.007	185.7	0.0524
904.13	0.009	192.6	0.0222	904.13	0.009	186	0.0604
904.17	0.01	192.8	0.0275	904.17	0.014	186.5	0.0604
904.20	0.013	193.1	0.0275	904.20	0.017	187	0.0683
904.23	0.014	193.4	0.0311	904.23	0.017	187	0.0754
904.27	0.014	193.4	0.0346	904.27	0.018	187.3	0.0826
904.30	0.016	193.6	0.0382	904.30	0.022	187.9	0.0905
904.33	0.019	193.9	0.0426	904.33	0.025	188.2	0.0976
904.37	0.02	194.1	0.0453	904.37	0.027	188.6	0.1039
904.40	0.021	194.3	0.0488	904.40	0.03	189.1	0.111
904.43	0.023	194.6	0.0488	904.43	0.032	189.4	0.111
904.47	0.024	194.8	0.0515	904.47	0.032	189.4	0.1154
904.50	0.024	194.8	0.0533	904.50	0.033	189.8	0.1207
904.53	0.025	195	0.055	904.53	0.035	190.2	0.1252
904.58	0.027	195.4	0.0577	904.57	0.038	190.5	0.1287
904.62	0.027	195.4	0.0586	904.60	0.038	190.8	0.1314
904.63	0.027	195.6	0.0595	904.63	0.039	191.1	0.134
904.67	0.028	195.8	0.0604	904.67	0.04	191.3	0.134
904.70	0.029	195.9	0.0612	904.70	0.04	191.3	0.1358
904.73	0.029	196.1	0.0621	904.73	0.04	191.5	0.1367
904.77	0.029	196.2	0.0621	904.77	0.04	191.7	0.1367

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
904.80	0.029	196.3	0.0621	904.80	0.04	191.9	0.1376
904.83	0.028	196.3	0.0621	904.83	0.04	192	0.1376
904.87	0.028	196.4	0.0621	904.87	0.04	192.1	0.1376
904.90	0.028	196.4	0.0621	904.90	0.038	192.2	0.1376
904.93	0.027	196.5	0.0604	904.93	0.037	192.2	0.1358
904.97	0.026	196.5	0.0595	904.98	0.036	192.3	0.1331
905.00	0.025	196.5	0.0577	905.02	0.034	192.2	0.1331
905.03	0.023	196.4	0.0577	905.05	0.032	192.2	0.1305
905.07	0.022	196.4	0.0559	905.07	0.032	192.2	0.1278
905.10	0.022	196.4	0.0541	905.10	0.031	192	0.1234
905.13	0.021	196.3	0.0515	905.13	0.027	191.9	0.1189
905.17	0.018	196.2	0.0479	905.17	0.025	191.7	0.1145
905.20	0.017	196.1	0.0462	905.20	0.023	191.5	0.1101
905.23	0.016	195.9	0.0435	905.23	0.018	191.2	0.1101
905.27	0.012	195.7	0.0435	905.27	0.017	191.2	0.1039
905.30	0.011	195.7	0.0399	905.30	0.017	191	0.0976
905.33	0.011	195.6	0.0364	905.33	0.015	190.7	0.0897
905.37	0.01	195.3	0.0328	905.37	0.009	190.2	0.0817
905.40	0.006	195.1	0.0284	905.40	0.007	190	0.0763
905.43	0.005	194.9	0.0249	905.43	0.005	189.6	0.0675
905.47	0.004	194.6	0.0204	905.47	-0.001	189.1	0.0675
905.50	0	194.4	0.0204	905.50	-0.002	189.1	0.0586
905.53	-0.001	194.4	0.0169	905.53	-0.002	188.8	0.0533
905.57	-0.001	194.2	0.0133	905.57	-0.004	188.3	0.0453
905.60	-0.003	193.9	0.0089	905.60	-0.01	187.8	0.0364
905.63	-0.006	193.6	0.0053	905.63	-0.011	187.4	0.0302
905.67	-0.007	193.4	0.0018	905.67	-0.013	187	0.0222
905.70	-0.008	193.1	-0.0018	905.70	-0.017	186.4	0.0222
905.73	-0.011	192.8	-0.0018	905.73	-0.019	186.4	0.0151
905.77	-0.011	192.8	-0.0044	905.77	-0.019	186	0.0098
905.80	-0.011	192.6	-0.0062	905.80	-0.02	185.6	0.0036
905.83	-0.013	192.4	-0.0098	905.83	-0.024	185.2	-0.0018
905.87	-0.015	192.1	-0.0115	905.87	-0.024	184.8	-0.0044
905.90	-0.015	191.9	-0.0133	905.90	-0.025	184.5	-0.0089
905.93	-0.016	191.8	-0.0142	905.93	-0.027	184.2	-0.0089
905.97	-0.017	191.6	-0.0142	905.97	-0.028	184.2	-0.0115
906.02	-0.017	191.4	-0.016	906.00	-0.028	183.9	-0.0142
906.05	-0.017	191.3	-0.0169	906.03	-0.028	183.7	-0.0151
906.08	-0.017	191.2	-0.0169	906.07	-0.028	183.4	-0.0169
906.10	-0.017	191.2	-0.0178	906.10	-0.029	183.2	-0.0169
906.13	-0.017	191.1	-0.0178	906.13	-0.029	183.1	-0.0169
906.17	-0.017	191	-0.0178	906.17	-0.028	183	-0.0169
906.20	-0.017	190.9	-0.0169	906.20	-0.028	182.9	-0.0169
906.23	-0.016	190.9	-0.016	906.23	-0.028	182.9	-0.0169
906.27	-0.015	190.8	-0.0151	906.27	-0.027	182.8	-0.0142
906.30	-0.014	190.9	-0.0151	906.30	-0.025	182.9	-0.0124
906.33	-0.013	190.9	-0.0142	906.33	-0.023	182.9	-0.0107
906.37	-0.013	190.9	-0.0133	906.37	-0.022	183	-0.0071
906.40	-0.012	190.9	-0.0107	906.40	-0.019	183.2	-0.0036
906.43	-0.01	191	-0.0089	906.45	-0.016	183.3	0
906.47	-0.008	191.1	-0.0062	906.48	-0.016	183.3	0.0018
906.50	-0.007	191.2	-0.0036	906.50	-0.014	183.6	0.0062
906.53	-0.005	191.3	-0.0036	906.53	-0.01	183.8	0.0062
906.57	-0.003	191.3	-0.0009	906.57	-0.008	183.8	0.0115
906.60	-0.003	191.5	0.0018	906.60	-0.008	184	0.0178
906.63	-0.002	191.6	0.0062	906.63	-0.005	184.4	0.024
906.67	0.002	191.9	0.0098	906.67	0	184.7	0.0328
906.70	0.003	192.1	0.0124	906.70	0.001	185	0.0391
906.73	0.004	192.3	0.0169	906.73	0.004	185.5	0.047
906.77	0.008	192.5	0.0169	906.77	0.009	185.9	0.047
906.80	0.01	192.7	0.0213	906.80	0.011	185.9	0.0559
906.83	0.01	192.7	0.0249	906.83	0.011	186.2	0.0621
906.87	0.011	192.9	0.0293	906.87	0.013	186.7	0.0692

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
906.90	0.014	193.2	0.0328	906.90	0.018	187.1	0.0781
906.93	0.015	193.4	0.0355	906.93	0.02	187.5	0.0852
906.97	0.016	193.7	0.0399	906.97	0.022	188	0.0923
907.00	0.02	194	0.0399	907.00	0.027	188.4	0.0923
907.03	0.021	194	0.0435	907.03	0.028	188.4	0.1003
907.07	0.021	194.2	0.0462	907.07	0.028	188.8	0.1056
907.10	0.021	194.4	0.0488	907.10	0.03	189.2	0.1118
907.13	0.023	194.7	0.0515	907.13	0.033	189.6	0.1181
907.17	0.025	194.9	0.0541	907.17	0.034	189.9	0.1216
907.20	0.026	195.1	0.0559	907.20	0.036	190.3	0.126
907.23	0.027	195.4	0.0559	907.23	0.038	190.6	0.126
907.27	0.028	195.5	0.0586	907.27	0.038	190.6	0.1296
907.30	0.028	195.5	0.0595	907.30	0.038	190.9	0.1314
907.33	0.028	195.7	0.0604	907.33	0.039	191.2	0.1349
907.37	0.029	195.9	0.0612	907.37	0.04	191.4	0.1358
907.40	0.029	196	0.0621	907.40	0.04	191.6	0.1367
907.43	0.029	196.1	0.0621	907.43	0.04	191.8	0.1376
907.48	0.028	196.2	0.0621	907.47	0.04	191.9	0.1376
907.52	0.028	196.3	0.0621	907.50	0.04	191.9	0.1376
907.53	0.028	196.4	0.0621	907.53	0.04	192.1	0.1376
907.57	0.028	196.4	0.0621	907.57	0.039	192.2	0.1367
907.60	0.026	196.4	0.0612	907.60	0.038	192.2	0.1349
907.63	0.026	196.4	0.0595	907.63	0.036	192.2	0.1331
907.67	0.026	196.5	0.0586	907.67	0.035	192.1	0.1296
907.70	0.024	196.4	0.0568	907.70	0.032	192.1	0.1296
907.73	0.023	196.4	0.055	907.73	0.03	192.1	0.1269
907.77	0.022	196.3	0.0524	907.77	0.03	192	0.1234
907.80	0.02	196.2	0.0524	907.80	0.029	191.9	0.1198
907.83	0.017	196.1	0.0506	907.83	0.024	191.7	0.1145
907.87	0.017	196.1	0.047	907.87	0.023	191.5	0.111
907.90	0.016	196	0.0444	907.92	0.021	191.4	0.1074
907.93	0.014	195.8	0.0408	907.95	0.018	191.2	0.1021
907.97	0.012	195.7	0.0382	907.97	0.016	190.9	0.0959
908.00	0.011	195.5	0.0346	908.00	0.013	190.5	0.0879
908.03	0.008	195.2	0.0346	908.03	0.007	190.1	0.0879
908.07	0.005	195	0.0302	908.07	0.006	190.1	0.079
908.10	0.005	195	0.0275	908.10	0.006	189.8	0.0728
908.13	0.004	194.8	0.0222	908.13	0.004	189.4	0.0648
908.17	0.002	194.5	0.0186	908.17	-0.002	188.9	0.0559
908.20	-0.001	194.3	0.0142	908.20	-0.004	188.5	0.0497
908.23	-0.002	194.1	0.0107	908.23	-0.006	188.2	0.0417
908.27	-0.005	193.7	0.0107	908.27	-0.01	187.6	0.0417
908.30	-0.007	193.5	0.0071	908.30	-0.012	187.2	0.0337
908.33	-0.007	193.5	0.0036	908.33	-0.012	187.2	0.0275
908.37	-0.007	193.3	0	908.37	-0.014	186.7	0.0186
908.40	-0.01	192.9	-0.0027	908.40	-0.018	186.2	0.0124
908.43	-0.011	192.7	-0.0053	908.43	-0.02	185.8	0.0071
908.47	-0.012	192.5	-0.0089	908.47	-0.021	185.5	0.0018
908.50	-0.014	192.2	-0.0107	908.50	-0.024	185	0.0018
908.53	-0.015	192	-0.0107	908.53	-0.025	184.7	-0.0027
908.57	-0.015	192	-0.0124	908.57	-0.025	184.7	-0.0062
908.60	-0.015	191.8	-0.0142	908.60	-0.026	184.4	-0.0098
908.63	-0.016	191.6	-0.0151	908.63	-0.027	184	-0.0124
908.67	-0.017	191.5	-0.0169	908.67	-0.028	183.7	-0.0151
908.70	-0.017	191.3	-0.0178	908.70	-0.028	183.5	-0.016
908.73	-0.017	191.2	-0.0178	908.73	-0.029	183.3	-0.0169
908.77	-0.017	191.1	-0.0178	908.77	-0.029	183.2	-0.0169
908.80	-0.017	191.1	-0.0178	908.80	-0.028	183.2	-0.0169
908.83	-0.017	191	-0.0178	908.83	-0.028	183	-0.0169
908.87	-0.017	190.9	-0.0178	908.87	-0.028	182.9	-0.0169
908.92	-0.016	190.9	-0.0169	908.90	-0.027	182.9	-0.016
908.95	-0.016	190.8	-0.016	908.93	-0.026	182.8	-0.0151
908.98	-0.015	190.8	-0.0151	908.97	-0.025	182.9	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
909.00	-0.013	190.8	-0.0133	909.00	-0.022	182.9	-0.0124
909.03	-0.012	190.9	-0.0124	909.03	-0.02	182.9	-0.0089
909.07	-0.012	191	-0.0107	909.07	-0.02	183	-0.0071
909.10	-0.009	191	-0.0107	909.10	-0.019	183.1	-0.0036
909.13	-0.008	191	-0.008	909.13	-0.015	183.3	0.0009
909.17	-0.008	191.1	-0.0053	909.17	-0.014	183.5	0.0053
909.20	-0.006	191.2	-0.0027	909.20	-0.012	183.7	0.0107
909.23	-0.004	191.4	0.0009	909.23	-0.007	184	0.0107
909.27	-0.003	191.5	0.0036	909.27	-0.006	184	0.0169
909.30	-0.001	191.7	0.0071	909.30	-0.006	184.2	0.0231
909.33	0.003	192	0.0071	909.35	0.001	184.9	0.0311
909.37	0.004	192	0.0107	909.38	0.003	184.9	0.0364
909.40	0.004	192.1	0.0142	909.40	0.003	185.2	0.0426
909.43	0.005	192.4	0.0178	909.43	0.005	185.6	0.0497
909.47	0.009	192.6	0.0222	909.47	0.011	186.1	0.0586
909.50	0.01	192.8	0.0257	909.50	0.012	186.4	0.0648
909.53	0.012	193.1	0.0302	909.53	0.014	186.8	0.0728
909.57	0.015	193.3	0.0302	909.57	0.02	187.4	0.0728
909.60	0.016	193.3	0.0346	909.60	0.021	187.4	0.0826
909.63	0.016	193.5	0.0382	909.63	0.021	187.7	0.0888
909.67	0.017	193.8	0.0417	909.67	0.023	188.1	0.0959
909.70	0.02	194.1	0.0444	909.70	0.028	188.6	0.103
909.73	0.021	194.3	0.047	909.73	0.029	188.9	0.1083
909.77	0.022	194.6	0.0506	909.77	0.031	189.3	0.1136
909.80	0.025	194.8	0.0506	909.80	0.034	189.7	0.1136
909.83	0.025	194.8	0.0533	909.83	0.035	189.7	0.1198
909.87	0.025	195	0.0559	909.87	0.035	190	0.1225
909.90	0.026	195.2	0.0577	909.90	0.036	190.4	0.1269
909.93	0.027	195.4	0.0586	909.93	0.038	190.7	0.1305
909.97	0.028	195.6	0.0595	909.97	0.039	191	0.1323
910.00	0.028	195.8	0.0612	910.00	0.039	191.2	0.134
910.03	0.029	195.9	0.0612	910.03	0.04	191.4	0.134
910.07	0.029	195.9	0.0621	910.07	0.04	191.6	0.1358
910.10	0.029	196	0.0621	910.10	0.04	191.6	0.1367
910.13	0.029	196.2	0.0621	910.13	0.04	191.8	0.1367
910.17	0.028	196.3	0.0621	910.17	0.04	192	0.1367
910.20	0.028	196.4	0.0621	910.20	0.04	192.1	0.1367
910.23	0.028	196.4	0.0621	910.23	0.039	192.2	0.1358
910.27	0.027	196.4	0.0621	910.27	0.037	192.2	0.1358
910.30	0.025	196.4	0.0604	910.30	0.035	192.2	0.1331
910.33	0.025	196.4	0.0586	910.33	0.035	192.2	0.1314
910.38	0.023	196.4	0.0568	910.37	0.034	192.2	0.1287
910.42	0.022	196.4	0.0559	910.40	0.032	192	0.126
910.43	0.022	196.4	0.0541	910.43	0.029	191.9	0.1225
910.47	0.021	196.3	0.0515	910.47	0.027	191.8	0.1172
910.50	0.018	196.1	0.0488	910.50	0.025	191.6	0.1127
910.53	0.017	196	0.0462	910.53	0.021	191.4	0.1127
910.57	0.016	195.9	0.0426	910.57	0.021	191.4	0.1083
910.60	0.012	195.7	0.0426	910.60	0.02	191.2	0.1021
910.63	0.011	195.7	0.0391	910.63	0.016	190.8	0.095
910.67	0.011	195.6	0.0364	910.67	0.011	190.5	0.0879
910.70	0.01	195.3	0.0328	910.70	0.01	190.2	0.0817
910.73	0.006	195.1	0.0284	910.73	0.007	189.7	0.0737
910.77	0.005	194.9	0.0249	910.77	0.002	189.4	0.0737
910.80	0.004	194.7	0.0213	910.82	0.001	189.1	0.0604
910.83	0	194.4	0.0213	910.85	-0.001	188.7	0.055
910.87	-0.001	194.4	0.0169	910.87	-0.006	188.3	0.055
910.90	-0.001	194.2	0.0133	910.90	-0.007	188.3	0.0462
910.93	-0.003	193.9	0.0098	910.93	-0.007	187.9	0.0399
910.97	-0.006	193.6	0.0053	910.97	-0.01	187.4	0.0311
911.00	-0.007	193.4	0.0018	911.00	-0.014	186.8	0.0222
911.03	-0.008	193.1	-0.0018	911.03	-0.015	186.5	0.0178
911.07	-0.011	192.8	-0.0018	911.07	-0.017	186	0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
911.10	-0.012	192.8	-0.0044	911.10	-0.021	185.6	0.0107
911.13	-0.012	192.6	-0.0071	911.13	-0.022	185.6	0.0044
911.17	-0.013	192.4	-0.0098	911.17	-0.022	185.2	0
911.20	-0.014	192.1	-0.0124	911.20	-0.023	184.8	-0.0044
911.23	-0.015	191.9	-0.0133	911.23	-0.026	184.4	-0.008
911.27	-0.016	191.7	-0.0151	911.27	-0.027	184.2	-0.0107
911.30	-0.017	191.6	-0.0151	911.30	-0.027	183.9	-0.0133
911.33	-0.017	191.4	-0.0169	911.33	-0.028	183.6	-0.0133
911.37	-0.017	191.4	-0.0169	911.37	-0.029	183.6	-0.0151
911.40	-0.017	191.3	-0.0178	911.40	-0.029	183.4	-0.0169
911.43	-0.017	191.2	-0.0178	911.43	-0.029	183.2	-0.0169
911.47	-0.017	191	-0.0178	911.47	-0.029	183.1	-0.0169
911.50	-0.017	190.9	-0.0178	911.50	-0.028	182.9	-0.0169
911.53	-0.016	190.9	-0.0178	911.53	-0.028	182.8	-0.0169
911.57	-0.015	190.9	-0.0169	911.57	-0.026	182.8	-0.0169
911.60	-0.015	190.9	-0.016	911.60	-0.025	182.8	-0.0151
911.63	-0.015	190.8	-0.0151	911.63	-0.025	182.8	-0.0142
911.67	-0.014	190.9	-0.0142	911.67	-0.024	182.8	-0.0107
911.70	-0.012	190.9	-0.0124	911.70	-0.021	182.9	-0.008
911.73	-0.012	190.9	-0.0107	911.73	-0.02	183	-0.0053
911.77	-0.009	191	-0.0107	911.77	-0.018	183.1	-0.0018
911.80	-0.007	191.2	-0.008	911.80	-0.014	183.4	-0.0018
911.85	-0.007	191.2	-0.0044	911.83	-0.013	183.4	0.0027
911.88	-0.005	191.4	-0.0044	911.87	-0.013	183.5	0.0071
911.90	-0.003	191.5	-0.0018	911.90	-0.011	183.8	0.0133
911.93	-0.003	191.5	0.0018	911.93	-0.006	184.1	0.0204
911.97	-0.001	191.6	0.0062	911.97	-0.004	184.4	0.0257
912.00	0.001	191.9	0.0098	912.00	-0.001	184.7	0.0346
912.03	0.003	192	0.0124	912.03	0.004	185.1	0.0346
912.07	0.004	192.2	0.016	912.07	0.005	185.1	0.0426
912.10	0.007	192.5	0.016	912.10	0.005	185.5	0.0488
912.13	0.01	192.7	0.0204	912.13	0.008	185.9	0.0577
912.17	0.01	192.7	0.024	912.17	0.014	186.3	0.0666
912.20	0.011	192.9	0.0293	912.20	0.015	186.7	0.0719
912.23	0.013	193.2	0.0328	912.25	0.017	187.1	0.0808
912.27	0.016	193.5	0.0364	912.28	0.02	187.5	0.0843
912.30	0.017	193.7	0.0399	912.32	0.022	187.9	0.0905
912.33	0.018	194	0.0426	912.33	0.024	188.3	0.0985
912.37	0.021	194.2	0.0426	912.37	0.028	188.8	0.0985
912.40	0.022	194.2	0.0453	912.40	0.031	189.1	0.1056
912.43	0.022	194.4	0.0488	912.43	0.031	189.1	0.111
912.47	0.024	194.7	0.0524	912.47	0.031	189.5	0.1163
912.50	0.025	194.9	0.0541	912.50	0.034	189.9	0.1216
912.53	0.026	195.1	0.0559	912.53	0.036	190.2	0.1252
912.57	0.026	195.3	0.0577	912.57	0.037	190.5	0.1287
912.60	0.027	195.5	0.0577	912.60	0.038	190.8	0.1287
912.63	0.028	195.5	0.0595	912.63	0.04	191.2	0.1323
912.67	0.028	195.7	0.0604	912.67	0.04	191.2	0.134
912.70	0.028	195.9	0.0612	912.70	0.04	191.3	0.1349
912.73	0.029	196	0.0612	912.73	0.04	191.5	0.1367
912.77	0.029	196.1	0.0621	912.77	0.04	191.7	0.1376
912.80	0.029	196.2	0.0621	912.80	0.04	191.9	0.1376
912.83	0.029	196.3	0.0621	912.83	0.04	192	0.1376
912.87	0.028	196.3	0.0621	912.87	0.039	192.1	0.1376
912.90	0.028	196.4	0.0621	912.90	0.038	192.1	0.1376
912.93	0.027	196.4	0.0604	912.93	0.038	192.2	0.1358
912.97	0.026	196.4	0.0586	912.97	0.037	192.2	0.1331
913.00	0.026	196.4	0.0577	913.00	0.034	192.2	0.1314
913.03	0.024	196.4	0.0559	913.03	0.033	192.1	0.1287
913.07	0.022	196.3	0.0559	913.07	0.032	192	0.1252
913.10	0.021	196.3	0.0533	913.10	0.028	191.9	0.1252
913.13	0.021	196.3	0.0515	913.13	0.026	191.9	0.1207
913.17	0.02	196.1	0.0497	913.17	0.026	191.8	0.1172

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
913.20	0.017	196	0.0462	913.20	0.024	191.5	0.1118
913.23	0.016	195.9	0.0435	913.23	0.02	191.3	0.1056
913.28	0.014	195.7	0.0399	913.27	0.019	191.1	0.1003
913.32	0.012	195.6	0.0382	913.30	0.015	190.7	0.0932
913.33	0.011	195.4	0.0346	913.33	0.01	190.3	0.0932
913.37	0.009	195.1	0.0311	913.37	0.009	190.3	0.0852
913.40	0.005	194.9	0.0311	913.40	0.009	190.1	0.079
913.43	0.004	194.9	0.0257	913.43	0.006	189.6	0.071
913.47	0.004	194.8	0.0231	913.47	0	189.2	0.0621
913.50	0.002	194.5	0.0186	913.50	0	188.9	0.0559
913.53	-0.001	194.2	0.0151	913.53	-0.003	188.4	0.047
913.57	-0.002	194	0.0115	913.57	-0.009	187.9	0.047
913.60	-0.004	193.7	0.008	913.60	-0.01	187.9	0.0391
913.63	-0.007	193.5	0.008	913.63	-0.01	187.5	0.0328
913.67	-0.007	193.5	0.0027	913.67	-0.012	187	0.024
913.70	-0.007	193.3	0.0009	913.72	-0.017	186.5	0.0178
913.73	-0.009	193	-0.0027	913.75	-0.017	186.2	0.0133
913.77	-0.012	192.7	-0.0062	913.77	-0.018	185.8	0.008
913.80	-0.012	192.5	-0.008	913.80	-0.022	185.4	0.0027
913.83	-0.013	192.3	-0.0107	913.83	-0.023	185	-0.0009
913.87	-0.015	192	-0.0107	913.87	-0.024	184.7	-0.0053
913.90	-0.015	192	-0.0124	913.90	-0.027	184.3	-0.0053
913.93	-0.015	191.8	-0.0133	913.93	-0.027	184.3	-0.0089
913.97	-0.016	191.7	-0.0151	913.97	-0.027	184.1	-0.0107
914.00	-0.017	191.5	-0.0169	914.00	-0.028	183.8	-0.0142
914.03	-0.017	191.3	-0.0178	914.03	-0.029	183.5	-0.016
914.07	-0.017	191.2	-0.0178	914.07	-0.029	183.3	-0.016
914.10	-0.017	191.1	-0.0178	914.10	-0.029	183.1	-0.0169
914.13	-0.017	191.1	-0.0178	914.13	-0.028	183	-0.0169
914.17	-0.017	191	-0.0178	914.17	-0.028	183	-0.0169
914.20	-0.017	190.9	-0.0178	914.20	-0.028	182.9	-0.0169
914.23	-0.016	190.9	-0.0169	914.23	-0.027	182.8	-0.016
914.27	-0.015	190.8	-0.016	914.27	-0.026	182.8	-0.0142
914.30	-0.015	190.9	-0.0151	914.30	-0.025	182.8	-0.0124
914.33	-0.013	190.9	-0.0151	914.33	-0.023	182.8	-0.0098
914.37	-0.012	190.9	-0.0133	914.37	-0.02	183	-0.0098
914.40	-0.012	190.9	-0.0115	914.40	-0.019	183	-0.0062
914.43	-0.011	191	-0.0098	914.43	-0.019	183	-0.0036
914.47	-0.008	191.1	-0.0071	914.47	-0.017	183.1	0.0009
914.50	-0.007	191.2	-0.0044	914.50	-0.014	183.5	0.0053
914.53	-0.006	191.3	-0.0018	914.53	-0.011	183.6	0.0098
914.57	-0.002	191.5	-0.0018	914.57	-0.009	183.8	0.016
914.60	-0.002	191.5	0.0018	914.60	-0.006	184.2	0.016
914.63	-0.002	191.6	0.0044	914.63	-0.002	184.6	0.0222
914.67	0	191.8	0.008	914.67	-0.002	184.6	0.0302
914.70	0.004	192.1	0.0124	914.70	0	184.8	0.0373
914.75	0.005	192.2	0.0151	914.73	0.004	185.3	0.0453
914.78	0.005	192.4	0.0178	914.77	0.008	185.6	0.0524
914.80	0.009	192.6	0.0222	914.80	0.009	186	0.0604
914.83	0.01	192.8	0.0249	914.83	0.014	186.5	0.0604
914.87	0.012	193.1	0.0302	914.87	0.017	186.9	0.0683
914.90	0.015	193.4	0.0302	914.90	0.017	186.9	0.0754
914.93	0.017	193.6	0.0346	914.93	0.018	187.3	0.0826
914.97	0.017	193.6	0.0382	914.97	0.022	187.8	0.0905
915.00	0.017	193.8	0.0408	915.00	0.025	188.2	0.0976
915.03	0.02	194.1	0.0444	915.03	0.027	188.6	0.1047
915.07	0.021	194.3	0.047	915.07	0.03	189.1	0.111
915.10	0.022	194.5	0.0497	915.10	0.032	189.4	0.111
915.13	0.025	194.8	0.0497	915.15	0.033	189.7	0.1189
915.17	0.025	195	0.0533	915.18	0.034	190	0.1225
915.20	0.025	195	0.0541	915.22	0.037	190.4	0.1225
915.23	0.026	195.2	0.0568	915.23	0.037	190.4	0.126
915.27	0.027	195.4	0.0586	915.27	0.037	190.6	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
915.30	0.028	195.6	0.0595	915.30	0.038	191	0.1331
915.33	0.028	195.8	0.0604	915.33	0.04	191.2	0.1349
915.37	0.029	195.9	0.0604	915.37	0.04	191.4	0.1358
915.40	0.029	196.1	0.0612	915.40	0.04	191.6	0.1367
915.43	0.029	196.1	0.0621	915.43	0.04	191.8	0.1367
915.47	0.029	196.2	0.0621	915.47	0.04	191.8	0.1376
915.50	0.029	196.3	0.0621	915.50	0.04	191.9	0.1376
915.53	0.028	196.4	0.0612	915.53	0.04	192.1	0.1367
915.57	0.028	196.4	0.0612	915.57	0.039	192.2	0.1367
915.60	0.027	196.4	0.0612	915.60	0.038	192.2	0.1349
915.63	0.026	196.4	0.0595	915.63	0.036	192.2	0.1323
915.67	0.026	196.4	0.0586	915.67	0.033	192.1	0.1323
915.70	0.024	196.4	0.0559	915.70	0.032	192.1	0.1296
915.73	0.023	196.3	0.0533	915.73	0.032	192.1	0.1269
915.77	0.021	196.3	0.0524	915.77	0.03	192	0.1234
915.80	0.02	196.2	0.0497	915.80	0.027	191.8	0.1189
915.83	0.018	196	0.0497	915.83	0.026	191.7	0.1145
915.87	0.016	195.9	0.047	915.87	0.023	191.4	0.1092
915.90	0.016	195.9	0.0444	915.90	0.018	191.2	0.1092
915.93	0.015	195.8	0.0408	915.93	0.017	191.2	0.103
915.97	0.012	195.6	0.0373	915.97	0.017	191	0.0976
916.00	0.009	195.4	0.0337	916.00	0.014	190.6	0.0905
916.03	0.009	195.2	0.0311	916.03	0.009	190.2	0.0826
916.07	0.006	195	0.0275	916.07	0.007	189.9	0.0763
916.10	0.004	194.7	0.0275	916.10	0.005	189.5	0.0683
916.13	0.002	194.7	0.0231	916.13	-0.001	189	0.0683
916.18	0	194.3	0.0169	916.17	-0.002	189	0.0586
916.22	-0.001	194.1	0.0169	916.20	-0.002	188.7	0.0533
916.25	-0.002	194.1	0.0142	916.23	-0.004	188.3	0.0453
916.27	-0.002	193.9	0.0107	916.27	-0.01	187.7	0.0364
916.30	-0.005	193.6	0.0053	916.30	-0.011	187.4	0.0302
916.33	-0.008	193.3	0.0018	916.33	-0.013	186.9	0.0222
916.37	-0.008	193.1	-0.0009	916.37	-0.017	186.3	0.0222
916.40	-0.01	192.8	-0.0044	916.40	-0.019	186.3	0.0142
916.43	-0.012	192.6	-0.0044	916.43	-0.019	186	0.0098
916.47	-0.013	192.6	-0.008	916.47	-0.02	185.6	0.0036
916.50	-0.013	192.3	-0.0098	916.50	-0.023	185.1	-0.0018
916.53	-0.014	192.1	-0.0115	916.53	-0.025	184.8	-0.0044
916.57	-0.015	191.9	-0.0133	916.57	-0.025	184.5	-0.008
916.60	-0.015	191.7	-0.0151	916.62	-0.027	184.1	-0.0115
916.63	-0.016	191.5	-0.0169	916.65	-0.027	183.9	-0.0133
916.67	-0.017	191.4	-0.0169	916.67	-0.028	183.6	-0.0151
916.70	-0.017	191.4	-0.0178	916.70	-0.029	183.4	-0.0151
916.73	-0.017	191.2	-0.0178	916.73	-0.029	183.2	-0.0169
916.77	-0.017	191.1	-0.0178	916.77	-0.029	183.2	-0.0178
916.80	-0.017	191	-0.0178	916.80	-0.029	183	-0.0178
916.83	-0.017	190.9	-0.0178	916.83	-0.028	182.9	-0.0178
916.87	-0.016	190.9	-0.0169	916.87	-0.028	182.8	-0.0169
916.90	-0.016	190.8	-0.0169	916.90	-0.027	182.7	-0.016
916.93	-0.015	190.8	-0.0169	916.93	-0.026	182.8	-0.0142
916.97	-0.015	190.8	-0.016	916.97	-0.024	182.8	-0.0142
917.00	-0.014	190.8	-0.0142	917.00	-0.022	182.8	-0.0124
917.03	-0.012	190.9	-0.0124	917.03	-0.022	182.8	-0.0098
917.07	-0.012	190.9	-0.0115	917.07	-0.021	182.9	-0.0062
917.10	-0.011	191	-0.0089	917.10	-0.017	183.1	-0.0027
917.13	-0.007	191.2	-0.0089	917.13	-0.016	183.2	0.0018
917.17	-0.006	191.2	-0.0053	917.17	-0.014	183.5	0.0062
917.20	-0.006	191.2	-0.0027	917.20	-0.009	183.7	0.0062
917.23	-0.005	191.3	0	917.23	-0.008	183.7	0.0115
917.27	-0.002	191.5	0.0036	917.27	-0.008	183.9	0.0169
917.30	-0.001	191.7	0.0053	917.30	-0.006	184.3	0.024
917.33	0.001	191.9	0.0098	917.33	0	184.7	0.0328
917.37	0.005	192.1	0.0098	917.37	0.001	184.9	0.0391

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
917.40	0.006	192.1	0.0142	917.40	0.004	185.4	0.047
917.43	0.006	192.3	0.0169	917.43	0.009	185.8	0.047
917.47	0.007	192.5	0.0204	917.47	0.011	185.8	0.0559
917.50	0.01	192.8	0.0249	917.50	0.011	186.1	0.0621
917.53	0.012	193	0.0302	917.53	0.013	186.6	0.0701
917.57	0.014	193.2	0.0346	917.57	0.019	187.1	0.079
917.60	0.017	193.5	0.0346	917.60	0.02	187.4	0.0852
917.65	0.017	193.7	0.0391	917.63	0.022	187.9	0.0932
917.68	0.018	193.9	0.0417	917.67	0.027	188.4	0.0932
917.70	0.021	194.2	0.0417	917.70	0.028	188.4	0.1012
917.73	0.022	194.2	0.0453	917.73	0.028	188.7	0.1056
917.77	0.022	194.4	0.0479	917.77	0.03	189.2	0.1118
917.80	0.023	194.6	0.0515	917.80	0.034	189.5	0.1181
917.83	0.025	194.9	0.0541	917.83	0.034	189.9	0.1216
917.87	0.026	195.1	0.055	917.87	0.035	190.2	0.1252
917.90	0.026	195.2	0.0568	917.90	0.038	190.6	0.1252
917.93	0.027	195.5	0.0568	917.93	0.038	190.6	0.1296
917.97	0.028	195.7	0.0586	917.97	0.038	190.8	0.1314
918.00	0.028	195.7	0.0604	918.00	0.039	191.1	0.134
918.03	0.028	195.8	0.0604	918.03	0.04	191.3	0.1358
918.07	0.029	196	0.0612	918.08	0.04	191.5	0.1367
918.10	0.029	196.1	0.0621	918.12	0.04	191.7	0.1367
918.13	0.029	196.2	0.0621	918.13	0.04	191.9	0.1376
918.17	0.029	196.3	0.0621	918.17	0.04	192	0.1376
918.20	0.028	196.4	0.0621	918.20	0.04	192.1	0.1367
918.23	0.028	196.4	0.0621	918.23	0.039	192.2	0.1367
918.27	0.027	196.4	0.0604	918.27	0.037	192.2	0.1358
918.30	0.026	196.4	0.0586	918.30	0.037	192.2	0.134
918.33	0.025	196.4	0.0577	918.33	0.036	192.2	0.1314
918.37	0.024	196.4	0.0559	918.37	0.033	192.1	0.1287
918.40	0.022	196.3	0.0559	918.40	0.031	192.1	0.126
918.43	0.021	196.2	0.0541	918.43	0.03	192	0.1216
918.47	0.021	196.2	0.0515	918.47	0.026	191.7	0.1216
918.50	0.019	196.2	0.0479	918.50	0.024	191.7	0.1172
918.53	0.017	196	0.0453	918.53	0.024	191.6	0.1136
918.57	0.015	195.9	0.0435	918.57	0.022	191.4	0.1074
918.60	0.014	195.8	0.0408	918.60	0.017	191.1	0.1003
918.63	0.012	195.5	0.0408	918.63	0.015	190.8	0.095
918.67	0.009	195.3	0.0364	918.67	0.013	190.5	0.0879
918.70	0.009	195.3	0.0328	918.70	0.008	190.1	0.0879
918.73	0.008	195.1	0.0302	918.73	0.006	189.8	0.079
918.77	0.005	194.8	0.0249	918.77	0.006	189.8	0.0737
918.80	0.003	194.6	0.0213	918.80	0.003	189.4	0.0639
918.83	0.001	194.4	0.0169	918.83	-0.001	188.8	0.0559
918.87	-0.001	194.1	0.0133	918.87	-0.004	188.5	0.0488
918.90	-0.003	193.9	0.0133	918.90	-0.006	188.1	0.0417
918.93	-0.003	193.9	0.0098	918.93	-0.01	187.5	0.0417
918.97	-0.004	193.7	0.0062	918.97	-0.012	187.1	0.0337
919.00	-0.007	193.3	0.0018	919.00	-0.012	187.1	0.0257
919.03	-0.009	193.1	-0.0009	919.03	-0.014	186.7	0.0186
919.08	-0.01	192.9	-0.0044	919.07	-0.018	186.1	0.0115
919.12	-0.01	192.6	-0.0053	919.10	-0.02	185.7	0.0062
919.15	-0.013	192.4	-0.008	919.13	-0.021	185.4	0.0018
919.17	-0.013	192.2	-0.0098	919.17	-0.024	184.9	0.0018
919.20	-0.014	192	-0.0115	919.20	-0.025	184.6	-0.0036
919.23	-0.015	191.8	-0.0115	919.23	-0.025	184.6	-0.0062
919.27	-0.016	191.8	-0.0133	919.27	-0.026	184.3	-0.0107
919.30	-0.016	191.6	-0.0151	919.30	-0.027	184	-0.0133
919.33	-0.016	191.4	-0.016	919.33	-0.028	183.7	-0.0151
919.37	-0.017	191.3	-0.0178	919.37	-0.028	183.5	-0.0151
919.40	-0.017	191.2	-0.0178	919.40	-0.028	183.3	-0.0151
919.43	-0.017	191	-0.0178	919.43	-0.029	183.1	-0.0169
919.47	-0.017	190.9	-0.0178	919.47	-0.029	183.1	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
919.50	-0.016	190.9	-0.0178	919.52	-0.028	182.8	-0.0178
919.53	-0.016	190.8	-0.0169	919.55	-0.028	182.7	-0.0178
919.57	-0.016	190.8	-0.0169	919.58	-0.028	182.7	-0.0169
919.60	-0.015	190.8	-0.016	919.60	-0.026	182.7	-0.0151
919.63	-0.015	190.8	-0.0142	919.63	-0.025	182.8	-0.0124
919.67	-0.014	190.8	-0.0133	919.67	-0.023	182.8	-0.0107
919.70	-0.011	190.9	-0.0133	919.70	-0.022	182.8	-0.008
919.73	-0.011	190.9	-0.0115	919.73	-0.019	183	-0.0044
919.77	-0.011	190.9	-0.0098	919.77	-0.016	183.2	-0.0044
919.80	-0.01	191	-0.0071	919.80	-0.016	183.2	-0.0009
919.83	-0.006	191.2	-0.0036	919.83	-0.015	183.3	0.0036
919.87	-0.006	191.2	-0.0018	919.87	-0.012	183.6	0.0089
919.90	-0.004	191.4	0.0009	919.90	-0.008	183.8	0.0142
919.93	-0.001	191.6	0.0009	919.93	-0.007	184	0.0204
919.97	0	191.6	0.0053	919.97	-0.003	184.5	0.0204
920.00	0	191.7	0.008	920.00	0.001	184.8	0.0293
920.03	0.002	191.9	0.0124	920.03	0.001	184.8	0.0364
920.07	0.005	192.2	0.016	920.07	0.002	185.1	0.0435
920.10	0.006	192.4	0.0195	920.10	0.006	185.6	0.0515
920.13	0.008	192.6	0.0231	920.13	0.011	186	0.0586
920.17	0.012	192.9	0.0231	920.17	0.012	186.3	0.0657
920.20	0.013	192.9	0.0284	920.20	0.016	186.8	0.0746
920.23	0.013	193.1	0.032	920.23	0.02	187.3	0.0746
920.27	0.014	193.3	0.0346	920.27	0.02	187.3	0.0826
920.30	0.017	193.6	0.0391	920.30	0.021	187.6	0.0888
920.33	0.018	193.8	0.0417	920.33	0.024	188.1	0.0959
920.37	0.02	194.1	0.0462	920.37	0.027	188.5	0.103
920.40	0.023	194.3	0.0462	920.40	0.029	188.9	0.1092
920.43	0.023	194.3	0.0506	920.43	0.032	189.4	0.1154
920.47	0.023	194.5	0.0515	920.47	0.034	189.7	0.1154
920.50	0.024	194.8	0.0533	920.50	0.034	189.7	0.1207
920.55	0.026	195	0.055	920.53	0.035	190	0.1243
920.58	0.026	195.2	0.0568	920.57	0.036	190.4	0.1278
920.60	0.027	195.4	0.0595	920.60	0.039	190.7	0.1314
920.63	0.028	195.6	0.0604	920.63	0.038	190.9	0.1331
920.67	0.028	195.8	0.0612	920.67	0.04	191.2	0.1349
920.70	0.029	195.9	0.0621	920.70	0.04	191.4	0.1349
920.73	0.029	196	0.0621	920.73	0.04	191.4	0.1367
920.77	0.029	196.2	0.0621	920.77	0.04	191.6	0.1367
920.80	0.029	196.2	0.0621	920.80	0.04	191.8	0.1376
920.83	0.029	196.2	0.0621	920.83	0.04	191.9	0.1376
920.87	0.029	196.3	0.0621	920.87	0.04	192	0.1376
920.90	0.028	196.4	0.0612	920.90	0.039	192.1	0.1358
920.93	0.027	196.4	0.0595	920.93	0.037	192.1	0.1358
920.97	0.025	196.4	0.0595	920.98	0.036	192.1	0.1323
921.00	0.024	196.4	0.0577	921.02	0.035	192.2	0.1305
921.03	0.024	196.4	0.0568	921.03	0.032	192.1	0.1305
921.07	0.024	196.4	0.0559	921.07	0.03	192.1	0.1269
921.10	0.022	196.2	0.0533	921.10	0.03	192	0.1243
921.13	0.02	196.2	0.0506	921.13	0.029	191.9	0.1198
921.17	0.019	196.1	0.0479	921.17	0.024	191.6	0.1145
921.20	0.016	196	0.0479	921.20	0.023	191.5	0.111
921.23	0.014	195.8	0.0444	921.23	0.021	191.3	0.1047
921.27	0.014	195.8	0.0417	921.27	0.016	190.9	0.1047
921.30	0.014	195.7	0.0391	921.30	0.014	190.9	0.0976
921.33	0.011	195.4	0.0355	921.33	0.014	190.7	0.0923
921.37	0.008	195.2	0.032	921.37	0.012	190.4	0.0843
921.40	0.007	195	0.0293	921.40	0.007	189.9	0.0763
921.43	0.004	194.7	0.0293	921.43	0.004	189.6	0.0701
921.47	0.002	194.5	0.024	921.47	0.002	189.2	0.0621
921.50	0.002	194.5	0.0195	921.50	-0.003	188.7	0.0621
921.53	0	194.4	0.0151	921.53	-0.005	188.3	0.0533
921.57	-0.002	194	0.0115	921.57	-0.005	188.3	0.047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
921.60	-0.004	193.8	0.0089	921.60	-0.007	187.9	0.0391
921.63	-0.005	193.5	0.0053	921.63	-0.011	187.3	0.0302
921.67	-0.007	193.2	0.0053	921.67	-0.014	186.9	0.0231
921.70	-0.01	193	0.0009	921.70	-0.015	186.5	0.0169
921.73	-0.01	193	-0.0027	921.73	-0.019	185.9	0.0169
921.77	-0.01	192.8	-0.0044	921.77	-0.021	185.6	0.0098
921.80	-0.012	192.5	-0.008	921.80	-0.021	185.6	0.0044
921.83	-0.014	192.3	-0.0098	921.83	-0.022	185.3	0
921.87	-0.014	192.1	-0.0115	921.87	-0.024	184.8	-0.0044
921.90	-0.015	191.8	-0.0142	921.90	-0.026	184.5	-0.008
921.93	-0.017	191.7	-0.0142	921.93	-0.026	184.2	-0.0107
921.97	-0.017	191.7	-0.016	921.97	-0.027	183.8	-0.0107
922.02	-0.017	191.3	-0.0169	922.00	-0.028	183.6	-0.0133
922.05	-0.017	191.2	-0.0169	922.03	-0.028	183.6	-0.0151
922.07	-0.017	191.2	-0.0169	922.07	-0.028	183.4	-0.016
922.10	-0.017	191.1	-0.0178	922.10	-0.029	183.2	-0.0169
922.13	-0.017	190.9	-0.0186	922.13	-0.029	183	-0.0169
922.17	-0.017	190.9	-0.0178	922.17	-0.028	182.9	-0.0169
922.20	-0.016	190.8	-0.0178	922.20	-0.028	182.8	-0.016
922.23	-0.016	190.8	-0.0169	922.23	-0.026	182.8	-0.016
922.27	-0.015	190.8	-0.0169	922.27	-0.026	182.8	-0.0151
922.30	-0.014	190.8	-0.0151	922.30	-0.025	182.8	-0.0124
922.33	-0.014	190.8	-0.0142	922.33	-0.023	182.9	-0.0107
922.37	-0.013	190.8	-0.0124	922.37	-0.021	182.9	-0.008
922.40	-0.011	190.9	-0.0107	922.42	-0.02	182.9	-0.0044
922.43	-0.01	190.9	-0.0089	922.45	-0.019	183.1	-0.0027
922.47	-0.009	191.1	-0.0062	922.48	-0.015	183.2	0.0009
922.50	-0.006	191.2	-0.0062	922.50	-0.014	183.4	0.0062
922.53	-0.005	191.2	-0.0027	922.53	-0.011	183.7	0.0115
922.57	-0.005	191.3	0	922.57	-0.007	183.9	0.0115
922.60	-0.003	191.5	0.0027	922.60	-0.005	183.9	0.0169
922.63	0	191.7	0.0062	922.63	-0.005	184.2	0.0231
922.67	0.001	191.8	0.0098	922.67	-0.003	184.6	0.0311
922.70	0.003	192.1	0.0133	922.70	0.002	185	0.0399
922.73	0.006	192.3	0.0133	922.73	0.004	185.2	0.0462
922.77	0.007	192.3	0.0178	922.77	0.007	185.7	0.0533
922.80	0.007	192.5	0.0204	922.80	0.012	186.1	0.0533
922.83	0.009	192.8	0.0249	922.83	0.014	186.1	0.0621
922.87	0.013	193	0.0302	922.87	0.014	186.5	0.0692
922.90	0.013	193.2	0.0328	922.90	0.016	187	0.0763
922.93	0.015	193.5	0.0373	922.93	0.021	187.4	0.0852
922.97	0.018	193.7	0.0373	922.97	0.022	187.8	0.0914
923.00	0.019	193.7	0.0408	923.00	0.024	188.3	0.0985
923.03	0.019	193.9	0.0444	923.03	0.029	188.7	0.0985
923.07	0.021	194.2	0.047	923.07	0.03	188.7	0.1056
923.10	0.023	194.5	0.0497	923.10	0.03	189	0.111
923.13	0.024	194.6	0.0524	923.13	0.032	189.5	0.1163
923.17	0.024	194.9	0.055	923.17	0.035	189.8	0.1225
923.20	0.027	195.1	0.055	923.20	0.036	190.1	0.126
923.23	0.027	195.1	0.0568	923.23	0.037	190.5	0.1296
923.27	0.027	195.3	0.0577	923.27	0.039	190.8	0.1296
923.30	0.027	195.5	0.0595	923.30	0.039	190.8	0.1323
923.33	0.029	195.7	0.0612	923.33	0.039	191	0.134
923.37	0.028	195.8	0.0612	923.37	0.04	191.3	0.1358
923.40	0.029	196	0.0621	923.40	0.04	191.5	0.1367
923.45	0.029	196.1	0.0621	923.43	0.04	191.7	0.1376
923.48	0.029	196.2	0.0621	923.47	0.04	191.8	0.1376
923.52	0.029	196.3	0.0621	923.50	0.04	192	0.1376
923.53	0.028	196.4	0.0621	923.53	0.04	192	0.1376
923.57	0.027	196.4	0.0612	923.57	0.04	192.1	0.1376
923.60	0.027	196.4	0.0604	923.60	0.038	192.1	0.1349
923.63	0.027	196.4	0.0595	923.63	0.036	192.1	0.1331
923.67	0.025	196.4	0.0568	923.67	0.035	192.1	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
923.70	0.023	196.4	0.0559	923.70	0.033	192.1	0.1278
923.73	0.023	196.3	0.0541	923.73	0.03	191.9	0.1278
923.77	0.021	196.2	0.0541	923.77	0.028	191.9	0.1243
923.80	0.02	196.2	0.0524	923.80	0.028	191.8	0.1216
923.83	0.02	196.1	0.0506	923.83	0.027	191.7	0.1163
923.87	0.018	196	0.047	923.88	0.021	191.3	0.111
923.90	0.015	195.8	0.0426	923.92	0.021	191.3	0.1083
923.93	0.014	195.8	0.0408	923.93	0.019	191.1	0.1021
923.97	0.012	195.6	0.0373	923.97	0.015	190.7	0.095
924.00	0.009	195.3	0.0373	924.00	0.013	190.5	0.0897
924.03	0.008	195.3	0.0337	924.03	0.01	190.2	0.0817
924.07	0.008	195.1	0.0311	924.07	0.005	189.7	0.0817
924.10	0.006	194.9	0.0257	924.10	0.002	189.3	0.0728
924.13	0.002	194.6	0.0213	924.13	0.002	189.3	0.0666
924.17	0.001	194.4	0.0178	924.17	0.001	189	0.0595
924.20	0	194.1	0.0133	924.20	-0.004	188.5	0.0506
924.23	-0.004	193.9	0.0133	924.23	-0.007	188.1	0.0435
924.27	-0.005	193.9	0.0098	924.27	-0.008	187.7	0.0355
924.30	-0.005	193.7	0.0071	924.30	-0.012	187.1	0.0355
924.33	-0.006	193.4	0.0027	924.33	-0.015	186.6	0.0275
924.37	-0.009	193.1	-0.0009	924.37	-0.015	186.6	0.0204
924.40	-0.01	192.9	-0.0036	924.40	-0.016	186.3	0.0142
924.43	-0.011	192.6	-0.0062	924.43	-0.019	185.8	0.008
924.47	-0.013	192.3	-0.0062	924.47	-0.022	185.4	0.0027
924.50	-0.014	192.3	-0.0089	924.50	-0.023	185	-0.0018
924.53	-0.014	192.2	-0.0107	924.53	-0.024	184.6	-0.0062
924.57	-0.015	192	-0.0133	924.57	-0.027	184.3	-0.0062
924.60	-0.016	191.7	-0.0142	924.60	-0.027	184.3	-0.0098
924.63	-0.016	191.5	-0.0151	924.63	-0.027	184	-0.0115
924.67	-0.017	191.4	-0.0169	924.67	-0.028	183.7	-0.0142
924.70	-0.017	191.2	-0.0169	924.70	-0.029	183.5	-0.0151
924.73	-0.017	191.2	-0.0178	924.73	-0.029	183.3	-0.0169
924.77	-0.017	191.1	-0.0178	924.77	-0.028	183.1	-0.0169
924.80	-0.017	191	-0.0178	924.80	-0.028	183	-0.0169
924.83	-0.017	190.9	-0.0178	924.83	-0.028	183	-0.0169
924.87	-0.017	190.9	-0.0178	924.87	-0.028	182.8	-0.0169
924.92	-0.016	190.8	-0.016	924.90	-0.027	182.8	-0.016
924.95	-0.015	190.8	-0.016	924.93	-0.026	182.8	-0.0142
924.97	-0.015	190.7	-0.0151	924.97	-0.025	182.7	-0.0124
925.00	-0.013	190.8	-0.0124	925.00	-0.023	182.8	-0.0098
925.03	-0.012	190.8	-0.0124	925.03	-0.02	182.9	-0.0098
925.07	-0.01	190.9	-0.0115	925.07	-0.019	182.9	-0.0062
925.10	-0.01	190.9	-0.0098	925.10	-0.019	183	-0.0036
925.13	-0.009	191	-0.0071	925.13	-0.017	183.2	0.0009
925.17	-0.007	191.1	-0.0044	925.17	-0.013	183.4	0.0053
925.20	-0.006	191.2	-0.0027	925.20	-0.012	183.6	0.0098
925.23	-0.005	191.4	0.0009	925.23	-0.009	183.9	0.016
925.27	-0.001	191.6	0.0009	925.27	-0.004	184.2	0.016
925.30	0	191.7	0.0053	925.30	-0.003	184.2	0.0231
925.33	0	191.7	0.008	925.35	-0.002	184.7	0.0337
925.37	0.002	191.9	0.0124	925.38	0.003	185.1	0.0337
925.40	0.005	192.2	0.016	925.40	0.005	185.1	0.0417
925.43	0.006	192.4	0.0186	925.43	0.005	185.4	0.0488
925.47	0.008	192.6	0.0231	925.47	0.008	185.9	0.0568
925.50	0.011	192.9	0.0231	925.50	0.014	186.3	0.0657
925.53	0.013	193.1	0.0284	925.53	0.015	186.6	0.0719
925.57	0.013	193.1	0.0311	925.57	0.017	187.2	0.079
925.60	0.014	193.3	0.0355	925.60	0.022	187.6	0.079
925.63	0.017	193.6	0.0399	925.63	0.024	187.6	0.0888
925.67	0.019	193.8	0.0426	925.67	0.024	188	0.095
925.70	0.02	194	0.0453	925.70	0.025	188.4	0.1012
925.73	0.022	194.3	0.0453	925.73	0.03	188.9	0.1092
925.77	0.023	194.5	0.0479	925.77	0.031	189.2	0.1136

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
925.80	0.023	194.5	0.0506	925.80	0.032	189.6	0.1189
925.83	0.024	194.7	0.0533	925.83	0.036	189.9	0.1189
925.87	0.026	195	0.0559	925.87	0.036	189.9	0.1243
925.90	0.027	195.2	0.0577	925.90	0.036	190.2	0.1269
925.93	0.027	195.4	0.0586	925.93	0.037	190.5	0.1305
925.97	0.028	195.6	0.0586	925.97	0.039	190.9	0.134
926.00	0.029	195.8	0.0604	926.00	0.04	191.1	0.1349
926.03	0.029	195.8	0.0612	926.03	0.04	191.3	0.1367
926.07	0.029	195.9	0.0612	926.07	0.04	191.5	0.1367
926.10	0.029	196	0.0621	926.10	0.04	191.5	0.1376
926.13	0.028	196.1	0.0621	926.13	0.04	191.7	0.1376
926.17	0.028	196.2	0.0621	926.17	0.04	191.8	0.1376
926.20	0.028	196.3	0.0621	926.20	0.04	192	0.1376
926.23	0.027	196.3	0.0621	926.23	0.039	192.1	0.1367
926.27	0.027	196.3	0.0612	926.27	0.038	192.1	0.134
926.30	0.026	196.4	0.0595	926.30	0.035	192	0.134
926.35	0.025	196.3	0.0577	926.33	0.033	192	0.1314
926.38	0.025	196.3	0.0577	926.37	0.033	192	0.1296
926.42	0.023	196.3	0.055	926.40	0.032	192	0.1269
926.43	0.022	196.2	0.0524	926.43	0.029	191.8	0.1225
926.47	0.02	196.2	0.0515	926.47	0.027	191.7	0.1189
926.50	0.019	196.1	0.0479	926.50	0.026	191.6	0.1145
926.53	0.017	195.9	0.0444	926.53	0.021	191.3	0.1145
926.57	0.014	195.8	0.0444	926.57	0.019	191.1	0.1083
926.60	0.014	195.8	0.0408	926.60	0.019	191.1	0.1039
926.63	0.013	195.7	0.0382	926.63	0.017	190.9	0.0968
926.67	0.011	195.4	0.0355	926.67	0.012	190.4	0.0888
926.70	0.008	195.1	0.032	926.70	0.01	190.1	0.0826
926.73	0.007	195	0.0275	926.73	0.008	189.8	0.0746
926.77	0.005	194.7	0.0231	926.78	0.002	189.3	0.0657
926.80	0.001	194.5	0.0231	926.82	0.001	189	0.0621
926.83	0.001	194.5	0.0186	926.83	-0.001	188.7	0.055
926.87	0.001	194.3	0.016	926.87	-0.005	188.1	0.055
926.90	-0.001	194	0.0124	926.90	-0.008	187.8	0.0462
926.93	-0.004	193.7	0.008	926.93	-0.008	187.8	0.0391
926.97	-0.005	193.5	0.0044	926.97	-0.009	187.4	0.032
927.00	-0.007	193.2	0.0009	927.00	-0.013	186.8	0.0231
927.03	-0.01	192.9	0.0009	927.03	-0.016	186.4	0.0178
927.07	-0.01	192.9	-0.0027	927.07	-0.017	186	0.0115
927.10	-0.01	192.7	-0.0044	927.10	-0.02	185.5	0.0115
927.13	-0.012	192.4	-0.008	927.13	-0.023	185.1	0.0053
927.17	-0.013	192.2	-0.0098	927.17	-0.023	185.1	0
927.20	-0.014	192	-0.0124	927.20	-0.023	184.8	-0.0036
927.23	-0.015	191.8	-0.0142	927.23	-0.025	184.4	-0.008
927.27	-0.016	191.6	-0.0142	927.27	-0.027	184.1	-0.0107
927.30	-0.016	191.6	-0.0151	927.30	-0.027	183.8	-0.0133
927.33	-0.016	191.5	-0.016	927.33	-0.028	183.5	-0.0151
927.37	-0.017	191.3	-0.0178	927.37	-0.029	183.3	-0.0151
927.40	-0.017	191.2	-0.0178	927.40	-0.029	183.3	-0.016
927.43	-0.017	191	-0.0178	927.43	-0.029	183.1	-0.0178
927.47	-0.017	190.9	-0.0178	927.47	-0.029	183	-0.0178
927.50	-0.017	190.9	-0.0178	927.50	-0.029	182.8	-0.0178
927.53	-0.016	190.9	-0.0178	927.53	-0.028	182.7	-0.0169
927.57	-0.016	190.8	-0.0178	927.57	-0.027	182.7	-0.0151
927.60	-0.016	190.8	-0.016	927.60	-0.025	182.7	-0.0151
927.63	-0.014	190.8	-0.0151	927.63	-0.024	182.7	-0.0133
927.67	-0.013	190.8	-0.0142	927.67	-0.024	182.7	-0.0115
927.70	-0.013	190.8	-0.0115	927.70	-0.022	182.8	-0.0089
927.73	-0.01	190.9	-0.0115	927.73	-0.019	182.9	-0.0053
927.77	-0.009	190.9	-0.0098	927.77	-0.018	183	-0.0027
927.82	-0.008	191	-0.0062	927.80	-0.016	183.2	0.0018
927.85	-0.007	191.1	-0.0062	927.83	-0.012	183.4	0.0018
927.87	-0.005	191.1	-0.0044	927.87	-0.01	183.4	0.0071

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
927.90	-0.005	191.2	-0.0009	927.90	-0.01	183.6	0.0124
927.93	-0.003	191.4	0.0036	927.93	-0.008	184	0.0186
927.97	0	191.6	0.0071	927.97	-0.003	184.3	0.0257
928.00	0.001	191.7	0.0098	928.00	-0.001	184.5	0.0328
928.03	0.002	192	0.0133	928.03	0.001	185	0.0408
928.07	0.006	192.2	0.0133	928.07	0.006	185.4	0.0408
928.10	0.007	192.2	0.0169	928.10	0.008	185.4	0.0497
928.13	0.007	192.4	0.0204	928.13	0.008	185.7	0.0559
928.17	0.009	192.7	0.0249	928.17	0.011	186.2	0.0648
928.20	0.013	192.9	0.0311	928.20	0.016	186.6	0.0719
928.23	0.014	193.1	0.0337	928.25	0.017	187	0.079
928.27	0.015	193.4	0.0364	928.28	0.018	187.4	0.0826
928.30	0.018	193.7	0.0364	928.30	0.023	187.8	0.0914
928.33	0.019	193.7	0.0408	928.33	0.024	188.1	0.0976
928.37	0.019	193.9	0.0435	928.37	0.027	188.6	0.1056
928.40	0.02	194.1	0.047	928.40	0.031	189.1	0.1056
928.43	0.023	194.4	0.0497	928.43	0.032	189.1	0.1118
928.47	0.024	194.6	0.0524	928.47	0.032	189.4	0.1163
928.50	0.025	194.8	0.0541	928.50	0.033	189.8	0.1207
928.53	0.026	195	0.0541	928.53	0.036	190.1	0.126
928.57	0.027	195	0.0568	928.57	0.037	190.4	0.1278
928.60	0.027	195.2	0.0586	928.60	0.038	190.7	0.1323
928.63	0.027	195.4	0.0595	928.63	0.04	191	0.1323
928.67	0.028	195.6	0.0604	928.67	0.04	191	0.1349
928.70	0.029	195.8	0.0612	928.70	0.04	191.2	0.1358
928.73	0.029	195.9	0.0621	928.73	0.04	191.4	0.1367
928.77	0.029	196	0.0621	928.77	0.04	191.6	0.1367
928.80	0.029	196	0.0621	928.80	0.04	191.7	0.1376
928.83	0.029	196.1	0.0621	928.83	0.04	191.9	0.1376
928.87	0.028	196.2	0.0621	928.87	0.04	192	0.1376
928.90	0.028	196.3	0.0612	928.90	0.038	192	0.1376
928.93	0.027	196.3	0.0604	928.93	0.038	192.1	0.1367
928.97	0.026	196.3	0.0586	928.97	0.037	192.1	0.134
929.00	0.025	196.3	0.0586	929.00	0.034	192	0.1305
929.03	0.023	196.3	0.0568	929.03	0.033	192	0.1287
929.07	0.023	196.3	0.0559	929.07	0.032	191.9	0.1252
929.10	0.022	196.2	0.0533	929.10	0.027	191.8	0.1252
929.13	0.02	196.1	0.0515	929.13	0.026	191.8	0.1207
929.17	0.018	196	0.0488	929.17	0.026	191.7	0.1181
929.20	0.017	195.9	0.0453	929.20	0.024	191.5	0.1127
929.23	0.015	195.8	0.0453	929.23	0.02	191.2	0.1065
929.28	0.014	195.7	0.0408	929.27	0.018	191	0.1012
929.32	0.012	195.5	0.0373	929.30	0.016	190.7	0.0941
929.33	0.01	195.2	0.0373	929.33	0.01	190.3	0.0941
929.37	0.007	195	0.0337	929.37	0.009	190	0.0861
929.40	0.007	195	0.0302	929.40	0.009	190	0.0808
929.43	0.006	194.8	0.0275	929.43	0.006	189.6	0.0719
929.47	0.004	194.5	0.0222	929.47	0.001	189.1	0.063
929.50	0.001	194.3	0.0186	929.50	-0.001	188.8	0.0568
929.53	0	194.2	0.0142	929.53	-0.003	188.4	0.0488
929.57	-0.003	193.8	0.0098	929.57	-0.007	187.8	0.0488
929.60	-0.005	193.6	0.0098	929.60	-0.01	187.4	0.0399
929.63	-0.005	193.6	0.0062	929.63	-0.01	187.4	0.0337
929.67	-0.006	193.4	0.0036	929.68	-0.015	186.6	0.0257
929.70	-0.008	193.1	0	929.72	-0.016	186.2	0.0213
929.73	-0.01	192.8	-0.0036	929.75	-0.016	186.2	0.016
929.77	-0.011	192.6	-0.0053	929.77	-0.018	185.8	0.0089
929.80	-0.012	192.3	-0.008	929.80	-0.021	185.3	0.0027
929.83	-0.014	192.1	-0.008	929.83	-0.024	184.9	-0.0018
929.87	-0.014	192.1	-0.0107	929.87	-0.024	184.6	-0.0053
929.90	-0.014	191.9	-0.0124	929.90	-0.025	184.3	-0.008
929.93	-0.016	191.7	-0.0151	929.93	-0.027	183.9	-0.008
929.97	-0.017	191.5	-0.016	929.97	-0.027	183.9	-0.0115

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
930.00	-0.017	191.3	-0.016	930.00	-0.028	183.7	-0.0133
930.03	-0.017	191.2	-0.0169	930.03	-0.028	183.4	-0.0151
930.07	-0.017	191.1	-0.0169	930.07	-0.029	183.2	-0.016
930.10	-0.017	191.1	-0.0178	930.10	-0.029	183	-0.0169
930.13	-0.017	191	-0.0178	930.13	-0.029	182.9	-0.0169
930.17	-0.017	190.9	-0.0178	930.17	-0.028	182.8	-0.0169
930.20	-0.016	190.8	-0.0169	930.20	-0.027	182.8	-0.0169
930.23	-0.016	190.8	-0.016	930.23	-0.027	182.6	-0.016
930.27	-0.015	190.7	-0.0151	930.27	-0.026	182.6	-0.0142
930.30	-0.014	190.7	-0.0151	930.30	-0.024	182.7	-0.0124
930.33	-0.013	190.7	-0.0142	930.33	-0.023	182.7	-0.0098
930.37	-0.013	190.8	-0.0133	930.37	-0.022	182.8	-0.0071
930.40	-0.012	190.9	-0.0107	930.40	-0.018	183	-0.0071
930.43	-0.009	190.9	-0.008	930.43	-0.017	183	-0.0036
930.47	-0.009	191	-0.0062	930.47	-0.017	183	0
930.50	-0.007	191.1	-0.0036	930.50	-0.015	183.3	0.0044
930.53	-0.005	191.3	-0.0036	930.53	-0.01	183.5	0.0098
930.57	-0.003	191.3	-0.0009	930.57	-0.009	183.7	0.0151
930.60	-0.003	191.4	0.0027	930.60	-0.007	184	0.0213
930.63	-0.002	191.6	0.0062	930.63	-0.002	184.4	0.0213
930.67	0.002	191.8	0.0098	930.67	0	184.4	0.0302
930.72	0.003	192	0.0124	930.70	0	184.7	0.0355
930.75	0.004	192.1	0.0151	930.73	0.002	185	0.0444
930.77	0.007	192.3	0.0186	930.77	0.008	185.5	0.0524
930.80	0.008	192.5	0.0222	930.80	0.01	185.8	0.0586
930.83	0.01	192.8	0.0284	930.83	0.012	186.2	0.0666
930.87	0.014	193.1	0.0284	930.87	0.016	186.7	0.0666
930.90	0.014	193.1	0.032	930.90	0.019	187.1	0.0754
930.93	0.014	193.3	0.0346	930.93	0.019	187.1	0.0826
930.97	0.016	193.6	0.0382	930.97	0.021	187.5	0.0897
931.00	0.019	193.8	0.0426	931.00	0.025	188	0.0976
931.03	0.02	194	0.0453	931.03	0.027	188.4	0.1039
931.07	0.021	194.3	0.0479	931.07	0.029	188.8	0.1101
931.10	0.023	194.5	0.0479	931.10	0.032	189.3	0.1101
931.13	0.024	194.5	0.0515	931.15	0.034	189.6	0.1207
931.17	0.024	194.7	0.0533	931.18	0.034	189.9	0.1234
931.20	0.025	194.9	0.0559	931.20	0.036	190.2	0.1234
931.23	0.027	195.1	0.0577	931.23	0.038	190.5	0.1269
931.27	0.027	195.3	0.0586	931.27	0.038	190.5	0.1305
931.30	0.027	195.6	0.0595	931.30	0.038	190.8	0.1323
931.33	0.028	195.7	0.0595	931.33	0.039	191.1	0.1349
931.37	0.029	195.7	0.0604	931.37	0.04	191.3	0.1367
931.40	0.029	195.9	0.0621	931.40	0.04	191.5	0.1376
931.43	0.029	196	0.0621	931.43	0.04	191.7	0.1376
931.47	0.029	196.1	0.0621	931.47	0.04	191.8	0.1376
931.50	0.029	196.2	0.0621	931.50	0.04	191.8	0.1376
931.53	0.028	196.2	0.0621	931.53	0.04	192	0.1376
931.57	0.027	196.3	0.0621	931.57	0.039	192.1	0.1367
931.60	0.027	196.3	0.0612	931.60	0.037	192.1	0.1358
931.63	0.027	196.3	0.0604	931.63	0.036	192.1	0.1331
931.67	0.026	196.3	0.0577	931.67	0.035	192	0.1305
931.70	0.024	196.3	0.0559	931.70	0.032	191.9	0.1305
931.73	0.023	196.3	0.055	931.73	0.03	191.9	0.1278
931.77	0.022	196.2	0.0524	931.77	0.03	191.9	0.1243
931.80	0.019	196.1	0.0524	931.80	0.028	191.7	0.1198
931.83	0.018	196.1	0.0497	931.83	0.024	191.5	0.1154
931.87	0.018	196	0.047	931.87	0.023	191.4	0.111
931.90	0.016	195.8	0.0435	931.90	0.021	191.1	0.1047
931.93	0.013	195.7	0.0408	931.93	0.016	190.8	0.1047
931.97	0.012	195.5	0.0382	931.97	0.014	190.8	0.0985
932.00	0.011	195.2	0.0346	932.00	0.014	190.6	0.0923
932.03	0.007	195	0.0346	932.03	0.011	190.1	0.0843
932.07	0.006	195	0.0302	932.07	0.006	189.8	0.0763

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
932.10	0.006	194.9	0.0275	932.10	0.005	189.4	0.0701
932.13	0.004	194.6	0.0222	932.13	0.002	189	0.0612
932.18	0	194.3	0.0178	932.17	-0.003	188.5	0.0612
932.22	0	194.2	0.016	932.20	-0.005	188.5	0.0524
932.23	-0.001	193.9	0.0124	932.23	-0.005	188.2	0.0462
932.27	-0.004	193.7	0.008	932.27	-0.007	187.7	0.0382
932.30	-0.005	193.4	0.0053	932.30	-0.012	187.2	0.0302
932.33	-0.007	193.2	0.0018	932.33	-0.013	186.8	0.024
932.37	-0.01	192.9	0.0018	932.37	-0.015	186.3	0.0178
932.40	-0.011	192.9	-0.0027	932.40	-0.019	185.8	0.0178
932.43	-0.011	192.7	-0.0053	932.43	-0.02	185.8	0.0098
932.47	-0.011	192.5	-0.0071	932.47	-0.02	185.5	0.0053
932.50	-0.013	192.2	-0.0089	932.50	-0.022	185.1	0
932.53	-0.014	192	-0.0115	932.53	-0.025	184.7	-0.0044
932.57	-0.015	191.8	-0.0142	932.58	-0.026	184.4	-0.008
932.60	-0.016	191.5	-0.0142	932.62	-0.026	184.1	-0.0098
932.63	-0.016	191.5	-0.016	932.65	-0.027	183.8	-0.0115
932.67	-0.016	191.4	-0.016	932.67	-0.028	183.6	-0.0133
932.70	-0.017	191.2	-0.0169	932.70	-0.028	183.3	-0.016
932.73	-0.017	191.1	-0.0178	932.73	-0.029	183.1	-0.016
932.77	-0.017	191	-0.0186	932.77	-0.029	183.1	-0.0169
932.80	-0.017	190.9	-0.0178	932.80	-0.029	182.9	-0.0169
932.83	-0.017	190.8	-0.0178	932.83	-0.028	182.8	-0.0169
932.87	-0.016	190.8	-0.0178	932.87	-0.028	182.7	-0.0169
932.90	-0.016	190.8	-0.0169	932.90	-0.027	182.6	-0.016
932.93	-0.016	190.7	-0.016	932.93	-0.026	182.6	-0.0133
932.97	-0.014	190.7	-0.0142	932.97	-0.024	182.7	-0.0133
933.00	-0.013	190.7	-0.0133	933.00	-0.022	182.7	-0.0115
933.03	-0.012	190.8	-0.0115	933.03	-0.022	182.7	-0.0089
933.07	-0.01	190.9	-0.0115	933.07	-0.021	182.8	-0.0053
933.10	-0.009	190.9	-0.0098	933.10	-0.017	183	-0.0018
933.13	-0.009	190.9	-0.008	933.13	-0.016	183.1	0.0027
933.17	-0.008	191	-0.0053	933.17	-0.014	183.3	0.0071
933.20	-0.005	191.2	-0.0018	933.20	-0.009	183.6	0.0071
933.23	-0.004	191.3	0	933.23	-0.008	183.6	0.0124
933.27	-0.002	191.5	0.0044	933.27	-0.008	183.8	0.0169
933.30	0.001	191.7	0.0044	933.30	-0.006	184.1	0.024
933.33	0.002	191.7	0.0089	933.33	0	184.5	0.0328
933.37	0.002	191.8	0.0107	933.37	0.001	184.8	0.0391
933.40	0.003	192.1	0.0142	933.40	0.004	185.2	0.047
933.43	0.007	192.3	0.0186	933.43	0.009	185.7	0.047
933.47	0.008	192.5	0.0231	933.47	0.011	185.7	0.0568
933.50	0.01	192.8	0.0284	933.50	0.011	186	0.0621
933.53	0.014	193	0.0284	933.53	0.013	186.4	0.0701
933.57	0.014	193	0.032	933.57	0.018	187	0.079
933.62	0.016	193.5	0.0364	933.60	0.02	187.3	0.0852
933.65	0.017	193.7	0.0364	933.63	0.022	187.7	0.0932
933.68	0.019	193.7	0.0399	933.67	0.026	188.2	0.0932
933.70	0.019	193.9	0.0435	933.70	0.028	188.6	0.1003
933.73	0.02	194.1	0.047	933.73	0.028	188.6	0.1065
933.77	0.023	194.4	0.0497	933.77	0.03	188.9	0.1118
933.80	0.024	194.6	0.0524	933.80	0.033	189.4	0.1181
933.83	0.024	194.9	0.0533	933.83	0.035	189.8	0.1225
933.87	0.025	195.1	0.0533	933.87	0.035	190	0.126
933.90	0.027	195.3	0.055	933.90	0.037	190.4	0.126
933.93	0.027	195.3	0.0586	933.93	0.039	190.7	0.1296
933.97	0.028	195.4	0.0604	933.97	0.039	190.7	0.1323
934.00	0.029	195.6	0.0612	934.00	0.039	190.9	0.134
934.03	0.029	195.7	0.0612	934.05	0.04	191.4	0.1367
934.07	0.028	195.9	0.0612	934.08	0.04	191.4	0.1367
934.10	0.029	196	0.0612	934.10	0.04	191.6	0.1376
934.13	0.028	196.1	0.0621	934.13	0.04	191.7	0.1376
934.17	0.028	196.1	0.0621	934.17	0.04	191.9	0.1376

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
934.20	0.028	196.2	0.0621	934.20	0.04	192	0.1376
934.23	0.028	196.3	0.0621	934.23	0.039	192.1	0.1367
934.27	0.027	196.3	0.0604	934.27	0.036	192.1	0.1367
934.30	0.026	196.4	0.0586	934.30	0.035	192.1	0.1349
934.33	0.025	196.3	0.0586	934.33	0.035	192.1	0.1323
934.37	0.023	196.3	0.0577	934.37	0.034	192	0.1296
934.40	0.023	196.3	0.0559	934.40	0.031	191.9	0.1269
934.43	0.023	196.2	0.0541	934.43	0.03	191.9	0.1234
934.47	0.021	196.1	0.0515	934.47	0.027	191.6	0.1181
934.50	0.018	196	0.0488	934.50	0.023	191.4	0.1181
934.53	0.017	195.9	0.0453	934.53	0.022	191.4	0.1127
934.57	0.015	195.7	0.0453	934.57	0.022	191.3	0.1083
934.60	0.012	195.6	0.0417	934.60	0.02	191	0.103
934.63	0.012	195.6	0.0391	934.63	0.014	190.7	0.0959
934.67	0.011	195.4	0.0364	934.67	0.013	190.4	0.0897
934.70	0.009	195.1	0.0328	934.70	0.01	190	0.0817
934.73	0.007	194.9	0.0293	934.73	0.005	189.6	0.0817
934.77	0.005	194.8	0.024	934.77	0.003	189.6	0.0728
934.80	0.002	194.5	0.024	934.80	0.003	189.3	0.0666
934.83	0	194.2	0.0195	934.83	0.001	188.8	0.0586
934.87	0	194.2	0.016	934.87	-0.005	188.3	0.0497
934.90	-0.001	194	0.0124	934.90	-0.006	188	0.0435
934.93	-0.004	193.7	0.0089	934.93	-0.008	187.5	0.0355
934.97	-0.006	193.4	0.0053	934.97	-0.013	187	0.0355
935.00	-0.007	193.2	0.0009	935.00	-0.014	187	0.0257
935.03	-0.009	192.9	0.0009	935.03	-0.014	186.6	0.0204
935.08	-0.011	192.7	-0.0053	935.07	-0.016	186.1	0.0142
935.12	-0.011	192.5	-0.0071	935.10	-0.02	185.7	0.0071
935.13	-0.012	192.3	-0.0089	935.13	-0.021	185.3	0.0036
935.17	-0.014	192.1	-0.0089	935.17	-0.023	184.9	-0.0018
935.20	-0.014	192.1	-0.0115	935.20	-0.026	184.5	-0.0018
935.23	-0.015	191.9	-0.0142	935.23	-0.026	184.5	-0.0062
935.27	-0.016	191.7	-0.0151	935.27	-0.026	184.2	-0.0089
935.30	-0.016	191.5	-0.0151	935.30	-0.027	183.9	-0.0115
935.33	-0.017	191.3	-0.0169	935.33	-0.028	183.6	-0.0142
935.37	-0.017	191.2	-0.0169	935.37	-0.029	183.4	-0.0151
935.40	-0.017	191	-0.0169	935.40	-0.028	183.2	-0.016
935.43	-0.017	191	-0.0178	935.43	-0.029	183	-0.016
935.47	-0.017	190.9	-0.0169	935.47	-0.028	183	-0.016
935.50	-0.017	190.8	-0.0178	935.52	-0.028	182.8	-0.016
935.53	-0.016	190.7	-0.0169	935.55	-0.028	182.6	-0.016
935.57	-0.016	190.7	-0.0169	935.57	-0.026	182.6	-0.016
935.60	-0.015	190.7	-0.016	935.60	-0.026	182.6	-0.0151
935.63	-0.014	190.7	-0.016	935.63	-0.025	182.6	-0.0124
935.67	-0.013	190.7	-0.0142	935.67	-0.023	182.7	-0.0107
935.70	-0.013	190.7	-0.0124	935.70	-0.021	182.8	-0.008
935.73	-0.012	190.8	-0.0107	935.73	-0.02	182.8	-0.0036
935.77	-0.01	190.9	-0.0089	935.77	-0.017	183.1	-0.0036
935.80	-0.009	190.9	-0.0062	935.80	-0.014	183.2	0
935.83	-0.007	191.1	-0.0036	935.83	-0.014	183.2	0.0036
935.87	-0.004	191.2	-0.0036	935.87	-0.013	183.4	0.0089
935.90	-0.003	191.2	0	935.90	-0.009	183.7	0.0151
935.93	-0.003	191.3	0.0018	935.93	-0.006	184	0.0204
935.97	-0.002	191.5	0.0053	935.97	-0.004	184.2	0.0284
936.00	0.002	191.7	0.0098	936.00	0	184.7	0.0284
936.03	0.003	191.9	0.0133	936.03	0.004	185	0.0364
936.07	0.005	192.2	0.0169	936.07	0.004	185	0.0435
936.10	0.008	192.4	0.0169	936.10	0.005	185.3	0.0506
936.13	0.009	192.4	0.0204	936.13	0.009	185.8	0.0586
936.17	0.009	192.6	0.024	936.17	0.013	186.2	0.0666
936.20	0.011	192.9	0.0293	936.20	0.015	186.5	0.0728
936.23	0.014	193.1	0.0328	936.23	0.018	187.2	0.0817
936.27	0.015	193.4	0.0355	936.27	0.022	187.5	0.0817

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
936.30	0.015	193.6	0.0382	936.30	0.022	187.5	0.0897
936.33	0.02	193.9	0.0382	936.33	0.023	187.9	0.0959
936.37	0.022	193.9	0.0453	936.37	0.027	188.4	0.103
936.40	0.022	194	0.0479	936.40	0.03	188.8	0.1092
936.43	0.022	194.2	0.0497	936.43	0.031	189.1	0.1145
936.47	0.023	194.5	0.0515	936.47	0.033	189.6	0.1207
936.52	0.024	194.8	0.0533	936.50	0.036	189.9	0.1207
936.55	0.024	195	0.055	936.53	0.036	189.9	0.1252
936.58	0.027	195.2	0.0577	936.57	0.036	190.2	0.1278
936.60	0.027	195.3	0.0586	936.60	0.038	190.5	0.1314
936.63	0.028	195.5	0.0604	936.63	0.039	190.8	0.134
936.67	0.029	195.7	0.0604	936.67	0.039	191	0.1349
936.70	0.029	195.7	0.0612	936.70	0.04	191.3	0.1367
936.73	0.029	195.9	0.0621	936.73	0.041	191.5	0.1367
936.77	0.029	196	0.0621	936.77	0.04	191.5	0.1385
936.80	0.029	196.1	0.0621	936.80	0.04	191.6	0.1385
936.83	0.029	196.2	0.0621	936.83	0.04	191.8	0.1385
936.87	0.028	196.3	0.0612	936.87	0.04	191.9	0.1385
936.90	0.027	196.3	0.0612	936.90	0.039	192	0.1367
936.93	0.026	196.3	0.0604	936.95	0.037	192	0.1349
936.97	0.026	196.4	0.0595	936.98	0.036	192.1	0.134
937.00	0.026	196.3	0.0577	937.02	0.035	192.1	0.1314
937.03	0.024	196.3	0.0568	937.03	0.033	192	0.1278
937.07	0.023	196.2	0.055	937.07	0.03	191.8	0.1278
937.10	0.022	196.1	0.0533	937.10	0.029	191.8	0.1243
937.13	0.019	196	0.0533	937.13	0.029	191.8	0.1216
937.17	0.017	196	0.0497	937.17	0.026	191.5	0.1163
937.20	0.017	196	0.0462	937.20	0.022	191.3	0.111
937.23	0.016	195.9	0.0444	937.23	0.021	191.2	0.1065
937.27	0.014	195.7	0.0417	937.27	0.018	190.8	0.0994
937.30	0.012	195.5	0.0382	937.30	0.013	190.5	0.0994
937.33	0.01	195.3	0.0346	937.33	0.012	190.5	0.0923
937.37	0.007	195	0.0346	937.37	0.012	190.2	0.0861
937.40	0.006	195	0.0302	937.40	0.009	189.8	0.0781
937.43	0.006	194.9	0.0275	937.43	0.003	189.4	0.0692
937.47	0.004	194.6	0.0222	937.47	0.002	189.1	0.0639
937.50	0.001	194.3	0.0186	937.50	-0.001	188.6	0.055
937.53	0.001	194.1	0.016	937.53	-0.006	188.1	0.055
937.57	-0.002	193.8	0.0107	937.57	-0.007	188.1	0.0462
937.60	-0.007	193.6	0.0107	937.60	-0.007	187.8	0.0399
937.63	-0.007	193.6	0.0044	937.63	-0.009	187.3	0.0328
937.67	-0.007	193.4	0.0027	937.67	-0.015	186.7	0.0231
937.70	-0.007	193.1	0.0009	937.70	-0.015	186.4	0.0178
937.73	-0.01	192.8	-0.0027	937.73	-0.017	185.9	0.0124
937.77	-0.011	192.6	-0.0053	937.77	-0.021	185.5	0.0124
937.80	-0.012	192.3	-0.0089	937.80	-0.022	185.5	0.0053
937.83	-0.015	192.1	-0.0089	937.83	-0.022	185.1	0.0009
937.87	-0.015	192.1	-0.0115	937.87	-0.023	184.7	-0.0036
937.90	-0.015	191.9	-0.0124	937.90	-0.026	184.3	-0.0071
937.93	-0.015	191.7	-0.0142	937.93	-0.026	184.1	-0.0098
937.98	-0.017	191.5	-0.016	937.97	-0.027	183.8	-0.0124
938.02	-0.017	191.4	-0.0169	938.00	-0.029	183.5	-0.0124
938.03	-0.017	191.2	-0.0169	938.03	-0.029	183.5	-0.0151
938.07	-0.017	191.1	-0.0169	938.07	-0.029	183.3	-0.016
938.10	-0.017	191	-0.0178	938.10	-0.029	183.1	-0.016
938.13	-0.017	190.9	-0.0178	938.13	-0.029	182.9	-0.0169
938.17	-0.017	190.8	-0.0178	938.17	-0.028	182.8	-0.0169
938.20	-0.016	190.8	-0.0178	938.20	-0.028	182.6	-0.016
938.23	-0.016	190.7	-0.0169	938.23	-0.026	182.6	-0.016
938.27	-0.016	190.7	-0.016	938.27	-0.025	182.6	-0.0142
938.30	-0.014	190.7	-0.0151	938.30	-0.025	182.6	-0.0133
938.33	-0.014	190.7	-0.0142	938.33	-0.024	182.6	-0.0107
938.37	-0.012	190.7	-0.0115	938.37	-0.022	182.8	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
938.40	-0.01	190.8	-0.0115	938.42	-0.019	182.9	-0.0044
938.43	-0.01	190.8	-0.0098	938.45	-0.019	182.9	-0.0027
938.47	-0.01	190.9	-0.008	938.47	-0.016	183.1	0.0009
938.50	-0.008	191	-0.0044	938.50	-0.014	183.3	0.0053
938.53	-0.005	191.2	-0.0018	938.53	-0.012	183.4	0.0115
938.57	-0.004	191.3	0.0009	938.57	-0.007	183.8	0.0115
938.60	-0.002	191.4	0.0044	938.60	-0.005	184.1	0.0178
938.63	0	191.6	0.0044	938.63	-0.005	184.1	0.0231
938.67	0.002	191.6	0.008	938.67	-0.003	184.3	0.032
938.70	0.002	191.8	0.0115	938.70	0.002	184.8	0.0399
938.73	0.004	192	0.0151	938.73	0.005	185.1	0.0462
938.77	0.007	192.3	0.0186	938.77	0.006	185.5	0.0533
938.80	0.008	192.5	0.0222	938.80	0.011	186	0.0533
938.83	0.01	192.7	0.0284	938.83	0.014	186.3	0.0621
938.87	0.013	193	0.0284	938.87	0.014	186.3	0.0692
938.90	0.014	193.2	0.0311	938.90	0.016	186.7	0.0772
938.93	0.014	193.2	0.0346	938.93	0.02	187.3	0.0852
938.97	0.016	193.4	0.0382	938.97	0.023	187.7	0.0923
939.00	0.019	193.7	0.0417	939.00	0.024	188	0.0985
939.03	0.02	193.9	0.0444	939.03	0.028	188.5	0.0985
939.07	0.021	194.2	0.0479	939.07	0.03	188.9	0.1056
939.10	0.023	194.4	0.0479	939.10	0.03	188.9	0.1118
939.13	0.025	194.7	0.0515	939.13	0.032	189.2	0.1172
939.17	0.025	194.7	0.0533	939.17	0.034	189.7	0.1216
939.20	0.025	194.9	0.0559	939.20	0.036	190	0.126
939.23	0.026	195.1	0.0577	939.23	0.037	190.3	0.1287
939.27	0.027	195.3	0.0586	939.27	0.038	190.6	0.1287
939.30	0.028	195.5	0.0595	939.30	0.04	190.9	0.1323
939.33	0.028	195.7	0.0612	939.33	0.04	190.9	0.1349
939.37	0.029	195.8	0.0612	939.37	0.04	191.1	0.1358
939.40	0.029	195.8	0.0621	939.40	0.04	191.3	0.1367
939.45	0.029	196	0.0621	939.43	0.04	191.5	0.1385
939.48	0.029	196.2	0.0621	939.47	0.04	191.7	0.1385
939.50	0.029	196.2	0.0621	939.50	0.04	191.8	0.1385
939.53	0.029	196.2	0.0621	939.53	0.04	191.9	0.1385
939.57	0.028	196.3	0.0621	939.57	0.038	191.9	0.1376
939.60	0.027	196.3	0.0604	939.60	0.038	192	0.1358
939.63	0.026	196.3	0.0595	939.63	0.037	192	0.134
939.67	0.025	196.3	0.0577	939.67	0.034	191.9	0.1314
939.70	0.023	196.3	0.0577	939.70	0.033	191.9	0.1287
939.73	0.022	196.3	0.0559	939.73	0.032	191.8	0.126
939.77	0.022	196.2	0.0541	939.77	0.027	191.7	0.126
939.80	0.021	196.1	0.0515	939.80	0.026	191.7	0.1216
939.83	0.018	196	0.0488	939.85	0.024	191.4	0.1154
939.87	0.017	195.9	0.0462	939.88	0.022	191.3	0.1154
939.90	0.015	195.8	0.0426	939.92	0.02	191.3	0.111
939.93	0.012	195.6	0.0426	939.93	0.02	191.1	0.1047
939.97	0.012	195.6	0.0399	939.97	0.017	190.7	0.0976
940.00	0.012	195.4	0.0373	940.00	0.011	190.3	0.0888
940.03	0.01	195.1	0.0328	940.03	0.01	190.1	0.0834
940.07	0.006	194.9	0.0284	940.07	0.008	189.7	0.0754
940.10	0.005	194.7	0.024	940.10	0.002	189.2	0.0754
940.13	0.003	194.5	0.0204	940.13	0.001	189.2	0.0666
940.17	0	194.2	0.0204	940.17	0.001	188.9	0.0604
940.20	-0.001	194.2	0.0169	940.20	-0.002	188.4	0.0524
940.23	-0.001	194	0.0133	940.23	-0.007	187.9	0.0435
940.27	-0.003	193.7	0.0089	940.27	-0.009	187.5	0.0373
940.30	-0.006	193.4	0.0053	940.30	-0.01	187.1	0.0293
940.33	-0.007	193.2	0.0027	940.33	-0.015	186.5	0.0293
940.37	-0.008	192.9	-0.0009	940.37	-0.017	186.5	0.0213
940.40	-0.011	192.6	-0.0009	940.40	-0.017	186.2	0.016
940.43	-0.011	192.6	-0.0044	940.43	-0.018	185.8	0.0089
940.47	-0.011	192.5	-0.0062	940.47	-0.022	185.2	0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
940.50	-0.013	192.2	-0.0098	940.50	-0.024	184.9	-0.0009
940.53	-0.015	192	-0.0124	940.53	-0.024	184.6	-0.0044
940.57	-0.015	191.8	-0.0133	940.57	-0.026	184.2	-0.0044
940.60	-0.015	191.6	-0.0142	940.60	-0.027	183.9	-0.008
940.63	-0.016	191.4	-0.0142	940.63	-0.027	183.9	-0.0115
940.67	-0.017	191.4	-0.016	940.67	-0.027	183.6	-0.0133
940.70	-0.017	191.3	-0.016	940.70	-0.028	183.4	-0.0151
940.73	-0.017	191.1	-0.0169	940.73	-0.029	183.2	-0.016
940.77	-0.017	191	-0.0178	940.77	-0.029	183	-0.0169
940.80	-0.017	190.9	-0.0178	940.80	-0.028	182.8	-0.0169
940.83	-0.017	190.8	-0.0178	940.83	-0.028	182.7	-0.0169
940.88	-0.016	190.8	-0.0169	940.87	-0.028	182.7	-0.0169
940.92	-0.016	190.7	-0.0169	940.90	-0.027	182.6	-0.0151
940.95	-0.015	190.7	-0.0151	940.93	-0.026	182.6	-0.0133
940.97	-0.014	190.7	-0.0151	940.97	-0.025	182.6	-0.0124
941.00	-0.013	190.7	-0.0142	941.00	-0.023	182.6	-0.0089
941.03	-0.013	190.7	-0.0124	941.03	-0.021	182.8	-0.0062
941.07	-0.012	190.7	-0.0107	941.07	-0.018	182.9	-0.0062
941.10	-0.01	190.8	-0.0089	941.10	-0.018	182.9	-0.0027
941.13	-0.009	190.9	-0.0062	941.13	-0.017	183	0.0009
941.17	-0.007	191	-0.0027	941.17	-0.014	183.3	0.0062
941.20	-0.005	191.2	-0.0027	941.20	-0.01	183.5	0.0107
941.23	-0.003	191.2	-0.0009	941.23	-0.009	183.7	0.016
941.27	-0.003	191.3	0.0018	941.27	-0.006	184.1	0.0231
941.30	-0.002	191.5	0.0053	941.32	-0.001	184.4	0.0302
941.33	0.002	191.7	0.0098	941.35	-0.001	184.6	0.0346
941.37	0.003	191.9	0.0124	941.37	0.001	185	0.0408
941.40	0.005	192.1	0.0169	941.40	0.006	185.3	0.0408
941.43	0.009	192.3	0.0169	941.43	0.008	185.3	0.0488
941.47	0.009	192.3	0.0213	941.47	0.008	185.6	0.0568
941.50	0.009	192.5	0.0231	941.50	0.011	186.1	0.0648
941.53	0.01	192.8	0.0293	941.53	0.016	186.5	0.0728
941.57	0.014	193.1	0.0337	941.57	0.017	186.9	0.0799
941.60	0.015	193.3	0.0364	941.60	0.02	187.4	0.087
941.63	0.017	193.6	0.0399	941.63	0.024	187.8	0.087
941.67	0.02	193.8	0.0399	941.67	0.024	187.8	0.095
941.70	0.021	193.8	0.0444	941.70	0.026	188.2	0.1021
941.73	0.021	194	0.0462	941.73	0.029	188.7	0.1092
941.77	0.022	194.2	0.0488	941.77	0.032	189.1	0.1154
941.80	0.024	194.5	0.0515	941.80	0.033	189.4	0.1189
941.83	0.025	194.7	0.0533	941.83	0.034	189.8	0.1234
941.87	0.026	194.9	0.0568	941.87	0.037	190.1	0.1234
941.90	0.027	195.2	0.0568	941.90	0.037	190.1	0.1278
941.93	0.027	195.2	0.0586	941.93	0.037	190.4	0.1305
941.97	0.027	195.4	0.0586	941.97	0.038	190.7	0.1331
942.00	0.028	195.5	0.0604	942.00	0.04	191	0.1358
942.03	0.029	195.7	0.0621	942.03	0.04	191.2	0.1367
942.07	0.029	195.8	0.0621	942.07	0.04	191.4	0.1376
942.10	0.029	196	0.0621	942.10	0.04	191.6	0.1376
942.13	0.029	196.1	0.0621	942.13	0.04	191.6	0.1385
942.17	0.029	196.2	0.0621	942.17	0.04	191.7	0.1385
942.20	0.029	196.2	0.0621	942.20	0.04	191.9	0.1385
942.23	0.028	196.2	0.0612	942.23	0.039	192	0.1376
942.27	0.027	196.3	0.0604	942.27	0.038	192	0.1349
942.30	0.026	196.3	0.0595	942.30	0.036	192	0.1331
942.35	0.025	196.3	0.0577	942.33	0.033	191.9	0.1331
942.38	0.024	196.2	0.0568	942.37	0.032	191.9	0.1305
942.40	0.022	196.2	0.055	942.40	0.032	191.9	0.1287
942.43	0.022	196.2	0.0524	942.43	0.03	191.8	0.1243
942.47	0.02	196	0.0524	942.47	0.026	191.6	0.1198
942.50	0.018	195.9	0.0497	942.50	0.025	191.5	0.1163
942.53	0.018	195.9	0.0479	942.53	0.023	191.3	0.1101
942.57	0.016	195.8	0.0444	942.57	0.018	191	0.1101

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
942.60	0.014	195.6	0.0408	942.60	0.017	191	0.1039
942.63	0.011	195.4	0.0382	942.63	0.017	190.8	0.0994
942.67	0.011	195.3	0.0346	942.67	0.015	190.5	0.0914
942.70	0.008	195	0.0346	942.70	0.009	190	0.0826
942.73	0.005	194.8	0.0311	942.75	0.007	189.7	0.0772
942.77	0.005	194.8	0.0275	942.78	0.006	189.5	0.0728
942.80	0.004	194.6	0.0231	942.82	0.002	189	0.0648
942.83	0.002	194.3	0.0186	942.83	-0.001	188.7	0.0577
942.87	-0.001	194.1	0.0151	942.87	-0.003	188.3	0.0497
942.90	-0.002	193.9	0.0107	942.90	-0.008	187.7	0.0497
942.93	-0.004	193.6	0.0071	942.93	-0.01	187.3	0.0408
942.97	-0.006	193.3	0.0071	942.97	-0.01	187.3	0.0337
943.00	-0.006	193.3	0.0044	943.00	-0.012	186.9	0.0257
943.03	-0.007	193.1	0	943.03	-0.016	186.3	0.0178
943.07	-0.01	192.8	-0.0036	943.07	-0.018	185.9	0.0133
943.10	-0.011	192.5	-0.0053	943.10	-0.019	185.6	0.0071
943.13	-0.012	192.3	-0.008	943.13	-0.022	185.1	0.0071
943.17	-0.014	192	-0.0107	943.17	-0.024	184.7	0.0018
943.20	-0.015	191.8	-0.0107	943.20	-0.024	184.7	-0.0027
943.23	-0.015	191.8	-0.0124	943.23	-0.025	184.4	-0.0062
943.27	-0.015	191.7	-0.0142	943.27	-0.026	184	-0.0098
943.30	-0.016	191.5	-0.016	943.30	-0.028	183.7	-0.0124
943.33	-0.017	191.3	-0.0169	943.33	-0.028	183.5	-0.0133
943.37	-0.017	191.2	-0.0169	943.37	-0.028	183.3	-0.0151
943.40	-0.017	191	-0.0178	943.40	-0.029	183.1	-0.0151
943.43	-0.017	190.9	-0.0178	943.43	-0.029	183.1	-0.016
943.47	-0.017	190.9	-0.0178	943.47	-0.029	182.9	-0.0169
943.50	-0.017	190.8	-0.0178	943.50	-0.028	182.8	-0.0169
943.53	-0.017	190.8	-0.0169	943.53	-0.028	182.6	-0.016
943.57	-0.016	190.7	-0.016	943.57	-0.027	182.6	-0.0151
943.60	-0.015	190.7	-0.016	943.60	-0.026	182.6	-0.0133
943.63	-0.015	190.7	-0.0142	943.63	-0.024	182.6	-0.0133
943.67	-0.013	190.7	-0.0142	943.67	-0.022	182.6	-0.0107
943.70	-0.012	190.7	-0.0124	943.70	-0.022	182.6	-0.0089
943.73	-0.012	190.8	-0.0107	943.73	-0.021	182.8	-0.0053
943.78	-0.009	190.9	-0.0089	943.77	-0.017	183	-0.0018
943.82	-0.008	190.9	-0.008	943.80	-0.016	183.1	0.0018
943.85	-0.008	190.9	-0.0053	943.83	-0.014	183.3	0.0071
943.87	-0.007	191.1	-0.0027	943.87	-0.009	183.6	0.0071
943.90	-0.004	191.2	0.0009	943.90	-0.008	183.6	0.0124
943.93	-0.003	191.4	0.0036	943.93	-0.008	183.8	0.0178
943.97	-0.001	191.6	0.0071	943.97	-0.006	184.1	0.0249
944.00	0.003	191.8	0.0071	944.00	0	184.5	0.0337
944.03	0.004	191.8	0.0115	944.03	0.001	184.8	0.0399
944.07	0.004	192	0.0151	944.07	0.004	185.2	0.0479
944.10	0.006	192.2	0.0186	944.10	0.01	185.7	0.0479
944.13	0.009	192.5	0.0231	944.13	0.011	185.7	0.0568
944.17	0.01	192.6	0.0257	944.17	0.011	185.9	0.063
944.20	0.011	193	0.0302	944.22	0.017	186.7	0.071
944.23	0.016	193.2	0.0302	944.25	0.019	186.7	0.0763
944.27	0.016	193.2	0.0355	944.27	0.019	187.1	0.0826
944.30	0.016	193.4	0.0382	944.30	0.021	187.6	0.0905
944.33	0.018	193.7	0.0417	944.33	0.026	188.1	0.0985
944.37	0.021	193.9	0.0453	944.37	0.027	188.4	0.1039
944.40	0.021	194.1	0.047	944.40	0.029	188.8	0.111
944.43	0.022	194.4	0.0506	944.43	0.033	189.2	0.111
944.47	0.025	194.6	0.0506	944.47	0.034	189.2	0.1172
944.50	0.025	194.6	0.0533	944.50	0.034	189.5	0.1207
944.53	0.025	194.8	0.055	944.53	0.035	189.9	0.1252
944.57	0.026	195	0.0568	944.57	0.038	190.3	0.1296
944.60	0.027	195.2	0.0586	944.60	0.038	190.5	0.1314
944.63	0.028	195.4	0.0604	944.63	0.039	190.8	0.1349
944.67	0.028	195.6	0.0612	944.67	0.04	191.1	0.1349

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
944.70	0.029	195.8	0.0612	944.70	0.04	191.1	0.1367
944.73	0.029	195.8	0.0621	944.73	0.04	191.3	0.1376
944.77	0.029	195.9	0.0621	944.77	0.041	191.5	0.1385
944.80	0.029	196	0.0621	944.80	0.04	191.7	0.1385
944.83	0.029	196.1	0.0621	944.83	0.04	191.8	0.1385
944.87	0.028	196.2	0.0621	944.87	0.04	191.9	0.1385
944.90	0.028	196.3	0.0604	944.90	0.039	192	0.1385
944.93	0.026	196.2	0.0604	944.93	0.037	192	0.1367
944.97	0.025	196.2	0.0595	944.97	0.037	192	0.1349
945.00	0.025	196.3	0.0586	945.00	0.035	192	0.1323
945.03	0.025	196.2	0.0568	945.03	0.033	191.9	0.1296
945.07	0.023	196.2	0.055	945.07	0.031	191.8	0.1269
945.10	0.021	196.1	0.0533	945.10	0.029	191.8	0.1225
945.13	0.02	196.1	0.0506	945.13	0.026	191.5	0.1181
945.17	0.018	195.9	0.0506	945.17	0.023	191.4	0.1181
945.20	0.016	195.8	0.0479	945.20	0.023	191.4	0.1136
945.25	0.015	195.7	0.0426	945.23	0.022	191.2	0.1083
945.28	0.013	195.6	0.0426	945.27	0.019	190.8	0.1021
945.30	0.011	195.4	0.0399	945.30	0.014	190.6	0.095
945.33	0.011	195.4	0.0373	945.33	0.013	190.3	0.0897
945.37	0.01	195.1	0.0328	945.37	0.01	189.9	0.0817
945.40	0.006	194.9	0.0284	945.40	0.005	189.5	0.0817
945.43	0.005	194.7	0.024	945.43	0.004	189.5	0.0728
945.47	0.003	194.5	0.0204	945.47	0.004	189.2	0.0675
945.50	0	194.2	0.0204	945.50	0.001	188.7	0.0586
945.53	-0.001	194	0.016	945.53	-0.005	188.2	0.0497
945.57	-0.001	194	0.0133	945.57	-0.006	187.9	0.0435
945.60	-0.003	193.7	0.0098	945.60	-0.008	187.4	0.0355
945.63	-0.006	193.4	0.0053	945.63	-0.013	186.8	0.0355
945.67	-0.007	193.2	0.0018	945.68	-0.014	186.5	0.0222
945.70	-0.008	193	-0.0009	945.72	-0.015	186.1	0.0169
945.73	-0.01	192.6	-0.0009	945.73	-0.019	185.7	0.0169
945.77	-0.012	192.4	-0.0044	945.77	-0.02	185.7	0.0107
945.80	-0.012	192.4	-0.0071	945.80	-0.02	185.4	0.0053
945.83	-0.013	192.2	-0.0098	945.83	-0.022	184.9	0
945.87	-0.014	191.9	-0.0115	945.87	-0.025	184.5	-0.0044
945.90	-0.015	191.7	-0.0133	945.90	-0.025	184.2	-0.0071
945.93	-0.016	191.6	-0.0142	945.93	-0.026	183.9	-0.0107
945.97	-0.016	191.4	-0.0142	945.97	-0.028	183.6	-0.0107
946.00	-0.017	191.2	-0.016	946.00	-0.028	183.6	-0.0133
946.03	-0.017	191.2	-0.0169	946.03	-0.028	183.4	-0.0142
946.07	-0.017	191.1	-0.0178	946.07	-0.029	183.1	-0.0151
946.10	-0.017	191	-0.0178	946.10	-0.028	183	-0.016
946.13	-0.017	190.9	-0.0178	946.13	-0.029	182.8	-0.0169
946.17	-0.017	190.8	-0.0178	946.17	-0.028	182.6	-0.016
946.20	-0.016	190.7	-0.0178	946.20	-0.028	182.6	-0.016
946.23	-0.016	190.7	-0.0169	946.23	-0.026	182.6	-0.016
946.27	-0.016	190.7	-0.0169	946.27	-0.026	182.6	-0.0142
946.30	-0.015	190.6	-0.0151	946.30	-0.025	182.5	-0.0124
946.33	-0.014	190.7	-0.0133	946.33	-0.023	182.6	-0.0098
946.37	-0.012	190.7	-0.0124	946.37	-0.022	182.6	-0.0071
946.40	-0.012	190.7	-0.0107	946.40	-0.02	182.7	-0.0036
946.43	-0.01	190.9	-0.0089	946.43	-0.016	183	-0.0036
946.47	-0.008	191	-0.0089	946.47	-0.015	183	0
946.50	-0.006	191	-0.0053	946.50	-0.015	183.1	0.0036
946.53	-0.006	191	-0.0027	946.53	-0.013	183.3	0.0089
946.57	-0.005	191.2	0	946.57	-0.008	183.6	0.0151
946.60	-0.001	191.4	0.0036	946.60	-0.007	183.8	0.0204
946.63	-0.001	191.5	0.0062	946.63	-0.004	184.2	0.0293
946.68	0.001	191.8	0.0107	946.67	0.001	184.6	0.0293
946.72	0.003	191.9	0.0124	946.70	0.003	184.6	0.0373
946.75	0.004	192.1	0.016	946.73	0.003	184.9	0.0435
946.77	0.006	192.3	0.0204	946.77	0.005	185.2	0.0506

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
946.80	0.01	192.6	0.0204	946.80	0.01	185.7	0.0595
946.83	0.011	192.6	0.0249	946.83	0.012	186.1	0.0666
946.87	0.011	192.8	0.0284	946.87	0.015	186.5	0.0746
946.90	0.013	193	0.0328	946.90	0.019	187.1	0.0746
946.93	0.016	193.3	0.0373	946.93	0.021	187.4	0.0826
946.97	0.017	193.5	0.0391	946.97	0.021	187.4	0.0888
947.00	0.018	193.8	0.0426	947.00	0.023	187.8	0.0968
947.03	0.021	194	0.0426	947.03	0.027	188.3	0.1047
947.07	0.022	194	0.0462	947.07	0.029	188.7	0.1092
947.10	0.022	194.3	0.0488	947.12	0.031	189	0.1154
947.13	0.023	194.5	0.0515	947.15	0.033	189.4	0.1189
947.17	0.025	194.7	0.0541	947.18	0.034	189.7	0.1225
947.20	0.026	194.9	0.0559	947.20	0.035	190	0.1269
947.23	0.026	195.1	0.0586	947.23	0.038	190.4	0.1269
947.27	0.028	195.3	0.0586	947.27	0.039	190.7	0.1305
947.30	0.028	195.3	0.0595	947.30	0.039	190.7	0.1331
947.33	0.028	195.5	0.0604	947.33	0.039	190.9	0.1349
947.37	0.028	195.7	0.0612	947.37	0.04	191.2	0.1367
947.40	0.029	195.8	0.0621	947.40	0.041	191.4	0.1385
947.43	0.029	195.9	0.0621	947.43	0.04	191.6	0.1385
947.47	0.029	196	0.0621	947.47	0.04	191.7	0.1385
947.50	0.029	196.1	0.0621	947.50	0.04	191.8	0.1385
947.53	0.028	196.1	0.0621	947.53	0.04	191.8	0.1385
947.57	0.028	196.2	0.0621	947.57	0.04	192	0.1376
947.60	0.027	196.2	0.0604	947.60	0.038	192	0.1358
947.63	0.026	196.2	0.0595	947.63	0.036	192	0.134
947.67	0.025	196.2	0.0586	947.67	0.034	192	0.1314
947.70	0.024	196.2	0.0559	947.70	0.033	191.9	0.1287
947.73	0.022	196.1	0.0559	947.73	0.03	191.8	0.1287
947.77	0.021	196.1	0.0541	947.77	0.029	191.8	0.1252
947.80	0.021	196.1	0.0515	947.80	0.029	191.7	0.1216
947.83	0.019	196	0.0488	947.83	0.026	191.5	0.1172
947.87	0.016	195.8	0.0462	947.87	0.022	191.2	0.111
947.90	0.016	195.7	0.0444	947.90	0.021	191.1	0.1065
947.93	0.014	195.6	0.0408	947.93	0.018	190.8	0.1003
947.97	0.01	195.3	0.0408	947.97	0.013	190.4	0.1003
948.00	0.009	195.3	0.0364	948.00	0.012	190.4	0.0932
948.03	0.009	195.1	0.0337	948.03	0.012	190.2	0.087
948.07	0.008	194.9	0.0293	948.07	0.009	189.7	0.079
948.10	0.005	194.7	0.0249	948.10	0.003	189.3	0.0701
948.15	0.003	194.5	0.0222	948.13	0.002	189	0.0639
948.18	0.003	194.3	0.0195	948.17	-0.001	188.5	0.0559
948.20	0	194	0.0151	948.20	-0.006	188.1	0.0559
948.23	-0.002	193.8	0.0115	948.23	-0.007	188.1	0.047
948.27	-0.004	193.6	0.008	948.27	-0.007	187.7	0.0399
948.30	-0.006	193.3	0.008	948.30	-0.01	187.2	0.0328
948.33	-0.008	193	0.0044	948.33	-0.014	186.7	0.024
948.37	-0.008	193	0.0009	948.37	-0.015	186.3	0.0186
948.40	-0.009	192.8	-0.0027	948.40	-0.017	185.8	0.0124
948.43	-0.011	192.5	-0.0062	948.43	-0.021	185.4	0.0124
948.47	-0.013	192.3	-0.008	948.47	-0.022	185.4	0.0062
948.50	-0.013	192.1	-0.0098	948.50	-0.022	185.1	0.0018
948.53	-0.014	191.8	-0.0098	948.53	-0.023	184.6	-0.0027
948.57	-0.016	191.6	-0.0124	948.58	-0.026	184.3	-0.0071
948.60	-0.016	191.6	-0.0142	948.62	-0.026	184	-0.0089
948.63	-0.016	191.5	-0.0151	948.63	-0.027	183.7	-0.0115
948.67	-0.016	191.3	-0.0169	948.67	-0.028	183.4	-0.0133
948.70	-0.017	191.2	-0.0169	948.70	-0.028	183.2	-0.0142
948.73	-0.017	191	-0.0178	948.73	-0.029	183	-0.016
948.77	-0.017	190.9	-0.0178	948.77	-0.029	182.9	-0.016
948.80	-0.017	190.8	-0.0178	948.80	-0.029	182.9	-0.016
948.83	-0.017	190.8	-0.0178	948.83	-0.029	182.7	-0.016
948.87	-0.017	190.7	-0.0178	948.87	-0.028	182.6	-0.016

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
948.90	-0.016	190.7	-0.0169	948.90	-0.027	182.6	-0.0151
948.93	-0.015	190.7	-0.016	948.93	-0.026	182.5	-0.0133
948.97	-0.015	190.6	-0.0151	948.97	-0.025	182.6	-0.0107
949.00	-0.013	190.7	-0.0124	949.00	-0.022	182.6	-0.0107
949.03	-0.011	190.7	-0.0124	949.03	-0.021	182.6	-0.0089
949.07	-0.011	190.7	-0.0107	949.07	-0.021	182.7	-0.0053
949.10	-0.011	190.7	-0.0089	949.10	-0.019	182.8	-0.0018
949.13	-0.009	190.9	-0.0062	949.13	-0.015	183.1	0.0027
949.17	-0.007	191	-0.0036	949.17	-0.014	183.2	0.0062
949.20	-0.006	191.1	-0.0018	949.20	-0.012	183.4	0.0115
949.23	-0.004	191.3	0.0018	949.23	-0.007	183.8	0.0115
949.27	-0.001	191.5	0.0018	949.27	-0.005	183.8	0.0186
949.30	0	191.5	0.0053	949.30	-0.005	184	0.0231
949.33	0	191.6	0.008	949.33	-0.003	184.3	0.032
949.37	0.002	191.8	0.0124	949.37	0.002	184.7	0.0408
949.40	0.005	192	0.016	949.40	0.004	185.1	0.0462
949.43	0.007	192.2	0.0195	949.43	0.006	185.4	0.0541
949.47	0.009	192.5	0.024	949.47	0.012	185.9	0.0541
949.50	0.011	192.7	0.024	949.50	0.014	185.9	0.063
949.53	0.013	192.7	0.0284	949.53	0.014	186.2	0.0692
949.57	0.013	192.9	0.032	949.57	0.016	186.6	0.0772
949.62	0.016	193.4	0.0355	949.60	0.021	187.2	0.0861
949.65	0.018	193.4	0.0382	949.63	0.022	187.6	0.0923
949.67	0.018	193.6	0.0408	949.67	0.024	188	0.0994
949.70	0.019	193.9	0.0444	949.70	0.029	188.5	0.0994
949.73	0.022	194.2	0.0479	949.73	0.03	188.8	0.1074
949.77	0.022	194.3	0.0497	949.77	0.03	188.8	0.1118
949.80	0.023	194.6	0.0524	949.80	0.032	189.2	0.1172
949.83	0.026	194.8	0.0524	949.83	0.034	189.6	0.1225
949.87	0.026	194.8	0.0559	949.87	0.036	189.9	0.1269
949.90	0.026	195	0.0568	949.90	0.037	190.2	0.1305
949.93	0.026	195.2	0.0577	949.93	0.039	190.6	0.1305
949.97	0.028	195.4	0.0604	949.97	0.039	190.8	0.1331
950.00	0.029	195.6	0.0612	950.02	0.04	191	0.1367
950.03	0.029	195.7	0.0621	950.05	0.04	191.2	0.1367
950.07	0.029	195.8	0.0621	950.08	0.04	191.4	0.1376
950.10	0.029	195.8	0.0621	950.10	0.04	191.4	0.1385
950.13	0.029	196	0.0621	950.13	0.04	191.6	0.1385
950.17	0.029	196.1	0.0621	950.17	0.04	191.7	0.1385
950.20	0.028	196.2	0.0621	950.20	0.04	191.9	0.1385
950.23	0.028	196.2	0.0612	950.23	0.039	192	0.1376
950.27	0.027	196.2	0.0604	950.27	0.038	192	0.1349
950.30	0.025	196.2	0.0604	950.30	0.035	191.9	0.1349
950.33	0.024	196.2	0.0586	950.33	0.034	191.9	0.1331
950.37	0.024	196.3	0.0568	950.37	0.034	191.9	0.1305
950.40	0.023	196.2	0.0541	950.40	0.032	191.8	0.1278
950.43	0.021	196.1	0.0533	950.43	0.029	191.7	0.1243
950.47	0.021	196.1	0.0515	950.47	0.027	191.6	0.1198
950.50	0.019	195.9	0.0479	950.50	0.025	191.4	0.1154
950.53	0.015	195.7	0.0479	950.53	0.021	191.2	0.1154
950.57	0.015	195.7	0.0444	950.57	0.02	191.2	0.1092
950.60	0.015	195.7	0.0426	950.60	0.02	191	0.1047
950.63	0.013	195.5	0.0391	950.63	0.017	190.6	0.0976
950.67	0.01	195.2	0.0355	950.67	0.011	190.3	0.0897
950.70	0.009	195.1	0.032	950.70	0.01	190	0.0834
950.73	0.007	194.8	0.0284	950.73	0.008	189.5	0.0754
950.77	0.003	194.6	0.0284	950.77	0.001	189.1	0.0754
950.80	0.002	194.6	0.0231	950.80	0.001	189.1	0.0666
950.83	0.002	194.4	0.0195	950.83	0.001	188.8	0.0612
950.87	0.001	194.1	0.0151	950.87	-0.002	188.3	0.0524
950.90	-0.003	193.8	0.0115	950.90	-0.007	187.9	0.0435
950.93	-0.004	193.6	0.0089	950.93	-0.008	187.5	0.0373
950.97	-0.005	193.3	0.0044	950.97	-0.011	187	0.0293

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
951.00	-0.008	193	0.0044	951.00	-0.016	186.4	0.0293
951.05	-0.009	192.8	-0.0009	951.03	-0.016	186.4	0.0204
951.08	-0.009	192.6	-0.0027	951.07	-0.016	186.1	0.016
951.12	-0.012	192.4	-0.0027	951.10	-0.018	185.6	0.0098
951.13	-0.013	192.4	-0.0071	951.13	-0.022	185.2	0.0036
951.17	-0.013	192.2	-0.0089	951.17	-0.023	184.9	0
951.20	-0.014	192	-0.0115	951.20	-0.024	184.5	-0.0044
951.23	-0.016	191.7	-0.0133	951.23	-0.027	184.1	-0.0044
951.27	-0.016	191.5	-0.0142	951.27	-0.027	184.1	-0.0089
951.30	-0.016	191.4	-0.0151	951.30	-0.027	183.9	-0.0107
951.33	-0.017	191.2	-0.0151	951.33	-0.028	183.6	-0.0124
951.37	-0.017	191.2	-0.0169	951.37	-0.028	183.3	-0.0142
951.40	-0.017	191.1	-0.0169	951.40	-0.029	183.1	-0.016
951.43	-0.017	190.9	-0.0178	951.43	-0.029	182.9	-0.016
951.47	-0.017	190.8	-0.0178	951.48	-0.028	182.8	-0.016
951.50	-0.017	190.7	-0.0178	951.52	-0.028	182.6	-0.016
951.53	-0.017	190.7	-0.0169	951.53	-0.028	182.6	-0.0151
951.57	-0.016	190.7	-0.0169	951.57	-0.027	182.5	-0.0151
951.60	-0.015	190.7	-0.016	951.60	-0.025	182.5	-0.0142
951.63	-0.015	190.6	-0.0151	951.63	-0.025	182.5	-0.0124
951.67	-0.014	190.6	-0.0133	951.67	-0.024	182.5	-0.0098
951.70	-0.012	190.7	-0.0124	951.70	-0.021	182.6	-0.0071
951.73	-0.011	190.7	-0.0107	951.73	-0.02	182.7	-0.0044
951.77	-0.01	190.8	-0.008	951.77	-0.018	182.8	-0.0009
951.80	-0.008	190.9	-0.008	951.80	-0.015	183.1	-0.0009
951.83	-0.006	190.9	-0.0053	951.83	-0.012	183.3	0.0044
951.87	-0.006	191	-0.0027	951.87	-0.012	183.3	0.008
951.90	-0.005	191.2	0	951.90	-0.011	183.5	0.0142
951.93	-0.002	191.3	0.0036	951.93	-0.006	183.9	0.0204
951.97	-0.001	191.5	0.0062	951.97	-0.004	184.1	0.0275
952.00	0.001	191.7	0.0098	952.00	-0.002	184.4	0.0346
952.03	0.004	191.9	0.0098	952.03	0.003	184.9	0.0346
952.07	0.006	192.1	0.0142	952.07	0.006	185.2	0.0435
952.10	0.006	192.1	0.0169	952.10	0.006	185.2	0.0506
952.13	0.007	192.3	0.0213	952.13	0.008	185.5	0.0577
952.17	0.01	192.6	0.0257	952.17	0.012	186	0.0666
952.20	0.012	192.8	0.0302	952.20	0.016	186.4	0.0728
952.23	0.013	193	0.0337	952.23	0.017	186.8	0.0799
952.27	0.016	193.3	0.0337	952.27	0.021	187.3	0.0888
952.30	0.018	193.6	0.0373	952.30	0.024	187.7	0.0888
952.33	0.018	193.6	0.0399	952.33	0.024	187.7	0.0959
952.37	0.019	193.8	0.0444	952.37	0.026	188.1	0.1021
952.40	0.021	194.1	0.047	952.40	0.029	188.6	0.1101
952.43	0.023	194.3	0.0497	952.43	0.032	189	0.1154
952.47	0.023	194.5	0.0524	952.47	0.033	189.3	0.1198
952.52	0.025	194.8	0.055	952.50	0.035	189.7	0.1243
952.55	0.026	194.9	0.0568	952.53	0.037	190.1	0.1243
952.57	0.027	195.1	0.0586	952.57	0.037	190.1	0.1287
952.60	0.027	195.3	0.0595	952.60	0.037	190.3	0.1314
952.63	0.028	195.5	0.0595	952.63	0.038	190.7	0.134
952.67	0.028	195.5	0.0604	952.67	0.04	190.9	0.1367
952.70	0.029	195.7	0.0612	952.70	0.04	191.2	0.1376
952.73	0.029	195.8	0.0621	952.73	0.04	191.3	0.1385
952.77	0.029	195.9	0.0621	952.77	0.04	191.5	0.1385
952.80	0.029	196.1	0.0621	952.80	0.04	191.5	0.1385
952.83	0.028	196.1	0.0621	952.83	0.04	191.7	0.1385
952.87	0.028	196.2	0.0621	952.87	0.04	191.8	0.1385
952.90	0.028	196.2	0.0621	952.90	0.039	191.9	0.1376
952.93	0.028	196.2	0.0612	952.95	0.037	191.9	0.1367
952.97	0.027	196.2	0.0595	952.98	0.037	192	0.1349
953.00	0.025	196.2	0.0577	953.00	0.034	191.9	0.1323
953.03	0.024	196.2	0.0559	953.03	0.033	191.9	0.1296
953.07	0.023	196.1	0.0541	953.07	0.031	191.8	0.126

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
953.10	0.02	196.1	0.0541	953.10	0.028	191.6	0.126
953.13	0.02	196.1	0.0515	953.13	0.026	191.6	0.1225
953.17	0.02	196	0.0497	953.17	0.026	191.5	0.1181
953.20	0.018	195.9	0.0462	953.20	0.024	191.3	0.1136
953.23	0.015	195.7	0.0435	953.23	0.02	191.1	0.1074
953.27	0.014	195.6	0.0408	953.27	0.018	190.9	0.103
953.30	0.012	195.4	0.0373	953.30	0.016	190.6	0.095
953.33	0.009	195.1	0.0373	953.33	0.01	190.1	0.095
953.37	0.008	195.1	0.0337	953.37	0.009	189.8	0.087
953.40	0.008	195	0.0311	953.40	0.009	189.8	0.0808
953.43	0.006	194.7	0.0257	953.43	0.006	189.5	0.0728
953.47	0.002	194.5	0.0204	953.47	0.001	189	0.0639
953.50	0.001	194.3	0.0186	953.50	-0.001	188.6	0.0577
953.53	0	194	0.0151	953.53	-0.003	188.3	0.0497
953.57	-0.003	193.7	0.0151	953.57	-0.008	187.7	0.0497
953.60	-0.005	193.7	0.0107	953.60	-0.01	187.3	0.0417
953.63	-0.005	193.5	0.0071	953.63	-0.01	187.3	0.0346
953.67	-0.006	193.2	0.0027	953.67	-0.012	186.9	0.0275
953.70	-0.009	192.9	-0.0009	953.70	-0.016	186.3	0.0195
953.73	-0.01	192.7	-0.0027	953.73	-0.018	185.9	0.0133
953.77	-0.011	192.5	-0.0062	953.77	-0.019	185.5	0.0071
953.80	-0.013	192.2	-0.0062	953.80	-0.022	185	0.0071
953.83	-0.014	192.2	-0.0089	953.83	-0.024	184.7	0.0018
953.87	-0.014	192	-0.0115	953.87	-0.024	184.7	-0.0027
953.90	-0.015	191.8	-0.0133	953.90	-0.024	184.4	-0.0053
953.95	-0.016	191.6	-0.0142	953.93	-0.026	184	-0.0089
953.98	-0.016	191.4	-0.0151	953.97	-0.027	183.7	-0.0115
954.02	-0.016	191.3	-0.016	954.00	-0.028	183.5	-0.0133
954.03	-0.017	191.1	-0.0169	954.03	-0.029	183.2	-0.0151
954.07	-0.017	191	-0.0178	954.07	-0.029	183	-0.0151
954.10	-0.017	190.9	-0.0178	954.10	-0.029	183	-0.016
954.13	-0.017	190.8	-0.0178	954.13	-0.029	182.9	-0.016
954.17	-0.017	190.8	-0.0178	954.17	-0.028	182.7	-0.016
954.20	-0.017	190.7	-0.0169	954.20	-0.028	182.6	-0.016
954.23	-0.016	190.7	-0.016	954.23	-0.027	182.6	-0.0142
954.27	-0.015	190.7	-0.016	954.27	-0.026	182.6	-0.0124
954.30	-0.014	190.6	-0.0151	954.30	-0.023	182.6	-0.0124
954.33	-0.014	190.6	-0.0133	954.33	-0.022	182.6	-0.0107
954.37	-0.012	190.7	-0.0133	954.38	-0.021	182.6	-0.0062
954.40	-0.01	190.7	-0.0115	954.42	-0.019	182.8	-0.0062
954.43	-0.01	190.7	-0.0098	954.43	-0.017	182.8	-0.0036
954.47	-0.01	190.8	-0.0071	954.47	-0.017	182.9	0.0009
954.50	-0.007	191	-0.0044	954.50	-0.015	183.1	0.0053
954.53	-0.006	191	-0.0018	954.53	-0.01	183.4	0.0115
954.57	-0.004	191.2	0.0018	954.57	-0.009	183.6	0.016
954.60	-0.001	191.4	0.0018	954.60	-0.007	183.9	0.0222
954.63	0	191.4	0.0053	954.63	-0.001	184.3	0.0222
954.67	0	191.6	0.008	954.67	0	184.3	0.0311
954.70	0.002	191.8	0.0115	954.70	0	184.5	0.0373
954.73	0.005	192	0.016	954.73	0.003	185	0.0453
954.77	0.007	192.2	0.0195	954.77	0.008	185.4	0.0541
954.80	0.008	192.4	0.024	954.80	0.01	185.7	0.0595
954.83	0.012	192.7	0.024	954.83	0.012	186.2	0.0683
954.87	0.013	192.7	0.0284	954.87	0.017	186.6	0.0683
954.90	0.013	192.9	0.032	954.90	0.018	186.6	0.0772
954.93	0.014	193.2	0.0355	954.93	0.018	187	0.0834
954.97	0.017	193.5	0.0391	954.97	0.021	187.5	0.0914
955.00	0.019	193.7	0.0426	955.00	0.026	188	0.0994
955.03	0.02	193.9	0.0462	955.03	0.027	188.3	0.1047
955.07	0.022	194.2	0.0462	955.07	0.029	188.8	0.111
955.10	0.023	194.4	0.0488	955.10	0.033	189.1	0.111
955.13	0.023	194.4	0.0506	955.13	0.033	189.1	0.1172
955.17	0.024	194.6	0.0533	955.17	0.033	189.5	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
955.20	0.025	194.8	0.0559	955.20	0.035	189.8	0.126
955.23	0.027	195	0.0577	955.23	0.038	190.2	0.1305
955.27	0.027	195.2	0.0595	955.27	0.038	190.4	0.1323
955.30	0.028	195.4	0.0595	955.30	0.039	190.7	0.1349
955.33	0.028	195.6	0.0604	955.33	0.04	191	0.1349
955.37	0.028	195.6	0.0612	955.37	0.04	191	0.1367
955.42	0.029	195.9	0.0621	955.40	0.04	191.2	0.1376
955.45	0.029	196	0.0621	955.43	0.04	191.4	0.1385
955.47	0.029	196	0.0621	955.47	0.04	191.5	0.1385
955.50	0.029	196.1	0.0621	955.50	0.04	191.7	0.1385
955.53	0.028	196.2	0.0621	955.53	0.04	191.8	0.1385
955.57	0.028	196.2	0.0612	955.57	0.039	191.9	0.1385
955.60	0.027	196.2	0.0604	955.60	0.037	191.9	0.1376
955.63	0.026	196.2	0.0604	955.63	0.037	191.9	0.1358
955.67	0.024	196.2	0.0586	955.67	0.036	191.9	0.1323
955.70	0.024	196.2	0.0568	955.70	0.033	191.8	0.1296
955.73	0.023	196.2	0.055	955.73	0.031	191.8	0.1269
955.77	0.022	196.1	0.0533	955.77	0.03	191.7	0.1234
955.80	0.02	196	0.0515	955.80	0.026	191.5	0.1234
955.83	0.019	196	0.0479	955.85	0.024	191.3	0.1145
955.87	0.017	195.8	0.0479	955.88	0.023	191.2	0.111
955.90	0.014	195.6	0.0453	955.90	0.02	190.9	0.111
955.93	0.014	195.6	0.0417	955.93	0.016	190.7	0.1056
955.97	0.013	195.5	0.0391	955.97	0.016	190.7	0.0994
956.00	0.011	195.2	0.0355	956.00	0.015	190.4	0.0923
956.03	0.008	195	0.032	956.03	0.01	190	0.0843
956.07	0.007	194.9	0.0284	956.07	0.006	189.6	0.0772
956.10	0.004	194.6	0.0231	956.10	0.005	189.3	0.0701
956.13	0.001	194.3	0.0231	956.13	0.001	188.8	0.0701
956.17	0.001	194.3	0.0195	956.17	-0.003	188.4	0.0612
956.20	0.001	194.2	0.016	956.20	-0.003	188.4	0.0533
956.23	-0.001	193.9	0.0124	956.23	-0.004	188.1	0.0462
956.27	-0.004	193.6	0.008	956.27	-0.008	187.5	0.0382
956.30	-0.005	193.4	0.0053	956.30	-0.012	187	0.0311
956.33	-0.007	193.1	0.0018	956.33	-0.013	186.6	0.0231
956.37	-0.01	192.8	0.0018	956.37	-0.016	186.1	0.016
956.40	-0.01	192.8	-0.0018	956.40	-0.019	185.7	0.016
956.43	-0.01	192.6	-0.0044	956.43	-0.019	185.7	0.0098
956.47	-0.012	192.3	-0.0071	956.47	-0.02	185.3	0.0053
956.50	-0.014	192.1	-0.0098	956.50	-0.022	184.9	0
956.53	-0.014	191.9	-0.0115	956.53	-0.025	184.5	-0.0044
956.57	-0.015	191.7	-0.0133	956.57	-0.025	184.2	-0.0062
956.60	-0.016	191.5	-0.0133	956.60	-0.026	183.9	-0.0098
956.63	-0.017	191.5	-0.0151	956.63	-0.028	183.6	-0.0098
956.67	-0.017	191.3	-0.016	956.67	-0.028	183.6	-0.0133
956.70	-0.017	191.2	-0.0169	956.70	-0.028	183.3	-0.0142
956.73	-0.017	191	-0.0169	956.73	-0.029	183.1	-0.0151
956.77	-0.017	190.9	-0.0178	956.77	-0.029	182.9	-0.016
956.80	-0.017	190.8	-0.0178	956.80	-0.029	182.8	-0.0169
956.83	-0.017	190.7	-0.0178	956.83	-0.029	182.6	-0.016
956.88	-0.017	190.6	-0.0169	956.87	-0.027	182.6	-0.016
956.92	-0.016	190.6	-0.016	956.90	-0.026	182.6	-0.0151
956.93	-0.015	190.6	-0.016	956.93	-0.026	182.5	-0.0142
956.97	-0.014	190.6	-0.0151	956.97	-0.025	182.5	-0.0115
957.00	-0.014	190.6	-0.0142	957.00	-0.022	182.6	-0.0089
957.03	-0.013	190.6	-0.0124	957.03	-0.022	182.6	-0.0071
957.07	-0.011	190.7	-0.0107	957.07	-0.02	182.8	-0.0036
957.10	-0.01	190.7	-0.008	957.10	-0.016	183	-0.0036
957.13	-0.009	190.9	-0.0053	957.13	-0.015	183	0.0009
957.17	-0.006	191	-0.0053	957.17	-0.015	183.1	0.0044
957.20	-0.005	191	-0.0027	957.20	-0.013	183.3	0.0098
957.23	-0.005	191.2	-0.0009	957.23	-0.008	183.6	0.016
957.27	-0.004	191.3	0.0027	957.28	-0.006	183.8	0.0204

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
957.30	0	191.5	0.0071	957.32	-0.006	184	0.0249
957.33	0.001	191.6	0.0098	957.35	-0.001	184.4	0.0328
957.37	0.003	191.9	0.0133	957.37	0.001	184.7	0.0391
957.40	0.007	192.1	0.0133	957.40	0.004	185	0.0479
957.43	0.007	192.1	0.0178	957.43	0.009	185.5	0.0479
957.47	0.007	192.3	0.0204	957.47	0.011	185.9	0.0568
957.50	0.009	192.6	0.0249	957.50	0.011	185.9	0.063
957.53	0.013	192.8	0.0302	957.53	0.013	186.2	0.0719
957.57	0.014	193	0.0337	957.57	0.018	186.8	0.0799
957.60	0.015	193.3	0.0373	957.60	0.02	187.2	0.0861
957.63	0.019	193.6	0.0373	957.63	0.022	187.6	0.0932
957.67	0.019	193.6	0.0417	957.67	0.026	188.1	0.0932
957.70	0.019	193.8	0.0435	957.70	0.028	188.5	0.1012
957.73	0.02	194.1	0.047	957.73	0.028	188.5	0.1074
957.77	0.023	194.3	0.0506	957.77	0.03	188.8	0.1136
957.80	0.023	194.5	0.0524	957.80	0.033	189.3	0.1198
957.83	0.025	194.7	0.055	957.83	0.035	189.6	0.1234
957.87	0.027	194.9	0.055	957.87	0.036	189.9	0.1269
957.90	0.027	194.9	0.0577	957.90	0.037	190.3	0.1269
957.93	0.027	195.1	0.0586	957.93	0.039	190.6	0.1305
957.97	0.027	195.3	0.0604	957.97	0.039	190.6	0.134
958.00	0.029	195.5	0.0612	958.00	0.039	190.8	0.1349
958.03	0.028	195.7	0.0612	958.03	0.04	191.1	0.1367
958.07	0.029	195.8	0.0621	958.07	0.04	191.3	0.1376
958.10	0.029	195.9	0.0621	958.10	0.04	191.4	0.1385
958.13	0.029	195.9	0.063	958.13	0.04	191.6	0.1394
958.17	0.029	196	0.063	958.17	0.04	191.7	0.1394
958.20	0.029	196.1	0.0621	958.20	0.04	191.7	0.1394
958.23	0.028	196.1	0.0612	958.23	0.04	191.9	0.1385
958.27	0.027	196.2	0.0604	958.27	0.038	191.9	0.1367
958.32	0.026	196.2	0.0595	958.30	0.036	191.9	0.134
958.35	0.025	196.2	0.0586	958.33	0.035	191.9	0.1323
958.37	0.024	196.2	0.0568	958.37	0.033	191.8	0.1287
958.40	0.023	196.2	0.055	958.40	0.029	191.7	0.1287
958.43	0.021	196.1	0.055	958.43	0.029	191.7	0.1252
958.47	0.019	196.1	0.0524	958.47	0.029	191.6	0.1225
958.50	0.019	196	0.0506	958.50	0.027	191.4	0.1172
958.53	0.018	195.9	0.047	958.53	0.022	191.2	0.1118
958.57	0.015	195.7	0.0444	958.57	0.021	191	0.1065
958.60	0.014	195.6	0.0417	958.60	0.018	190.6	0.1003
958.63	0.012	195.4	0.0373	958.63	0.013	190.3	0.1003
958.67	0.009	195.1	0.0373	958.67	0.011	190.3	0.0932
958.70	0.007	195	0.0337	958.70	0.011	190.1	0.087
958.73	0.007	195	0.0302	958.75	0.005	189.4	0.079
958.77	0.006	194.7	0.0275	958.78	0.003	189.4	0.0746
958.80	0.003	194.5	0.0222	958.80	0.003	189.1	0.0675
958.83	0.001	194.3	0.0186	958.83	0.001	188.6	0.0595
958.87	0	194.1	0.0142	958.87	-0.005	188.1	0.0506
958.90	-0.004	193.7	0.0142	958.90	-0.006	187.8	0.0444
958.93	-0.005	193.5	0.0098	958.93	-0.008	187.3	0.0364
958.97	-0.005	193.5	0.0071	958.97	-0.013	186.8	0.0364
959.00	-0.006	193.2	0.0036	959.00	-0.014	186.8	0.0284
959.03	-0.009	192.9	-0.0009	959.03	-0.014	186.4	0.0213
959.07	-0.01	192.7	-0.0027	959.07	-0.016	185.9	0.0151
959.10	-0.011	192.5	-0.0053	959.10	-0.02	185.5	0.008
959.13	-0.013	192.2	-0.0053	959.13	-0.021	185.1	0.0036
959.17	-0.014	192	-0.0089	959.17	-0.023	184.7	-0.0009
959.20	-0.014	192	-0.0107	959.20	-0.025	184.3	-0.0009
959.23	-0.015	191.8	-0.0124	959.23	-0.026	184.3	-0.0053
959.27	-0.016	191.6	-0.0142	959.27	-0.026	184	-0.008
959.30	-0.016	191.4	-0.0151	959.30	-0.027	183.7	-0.0107
959.33	-0.016	191.2	-0.016	959.33	-0.028	183.4	-0.0133
959.37	-0.017	191.1	-0.016	959.37	-0.028	183.2	-0.0142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
959.40	-0.017	190.9	-0.0169	959.40	-0.029	183	-0.0151
959.43	-0.017	190.9	-0.0178	959.43	-0.029	182.9	-0.0151
959.47	-0.017	190.8	-0.0178	959.47	-0.029	182.9	-0.016
959.50	-0.017	190.8	-0.0178	959.50	-0.029	182.7	-0.016
959.53	-0.017	190.7	-0.0178	959.53	-0.028	182.6	-0.0151
959.57	-0.016	190.6	-0.016	959.57	-0.027	182.5	-0.0142
959.60	-0.015	190.6	-0.016	959.60	-0.026	182.5	-0.0133
959.63	-0.013	190.6	-0.0142	959.63	-0.025	182.5	-0.0107
959.67	-0.013	190.6	-0.0133	959.67	-0.022	182.6	-0.0107
959.70	-0.013	190.6	-0.0115	959.70	-0.02	182.6	-0.008
959.73	-0.012	190.7	-0.0107	959.73	-0.02	182.6	-0.0053
959.78	-0.01	190.8	-0.0089	959.77	-0.019	182.8	-0.0018
959.82	-0.01	190.8	-0.0071	959.80	-0.015	183	0.0027
959.83	-0.007	190.9	-0.0044	959.83	-0.014	183.1	0.0062
959.87	-0.005	191.1	-0.0018	959.87	-0.012	183.4	0.0124
959.90	-0.005	191.2	0.0009	959.90	-0.006	183.7	0.0124
959.93	-0.002	191.4	0.0009	959.93	-0.005	183.7	0.0186
959.97	0	191.5	0.0044	959.97	-0.005	183.9	0.024
960.00	0	191.5	0.008	960.00	-0.003	184.3	0.0328
960.03	0.002	191.7	0.0124	960.03	0.003	184.7	0.0408
960.07	0.005	192	0.0169	960.07	0.004	185	0.047
960.10	0.007	192.2	0.0195	960.10	0.006	185.4	0.055
960.13	0.008	192.4	0.024	960.13	0.012	185.9	0.055
960.17	0.011	192.7	0.024	960.18	0.014	186.2	0.0692
960.20	0.013	192.9	0.0284	960.22	0.015	186.5	0.0746
960.23	0.013	192.9	0.0311	960.25	0.019	187	0.0746
960.27	0.014	193.1	0.0355	960.27	0.021	187.4	0.0826
960.30	0.017	193.4	0.0399	960.30	0.021	187.4	0.0897
960.33	0.019	193.6	0.0426	960.33	0.023	187.8	0.0968
960.37	0.02	193.9	0.0462	960.37	0.027	188.3	0.1039
960.40	0.022	194.2	0.0462	960.40	0.03	188.7	0.1101
960.43	0.023	194.4	0.0488	960.43	0.031	189	0.1163
960.47	0.023	194.4	0.0515	960.47	0.034	189.4	0.1163
960.50	0.024	194.6	0.0541	960.50	0.036	189.8	0.1207
960.53	0.026	194.8	0.0568	960.53	0.036	189.8	0.1252
960.57	0.027	195	0.0577	960.57	0.036	190.1	0.1287
960.60	0.027	195.2	0.0595	960.60	0.038	190.4	0.1323
960.63	0.028	195.4	0.0595	960.63	0.039	190.7	0.1349
960.67	0.028	195.6	0.0604	960.67	0.04	190.9	0.1367
960.70	0.028	195.6	0.0612	960.70	0.04	191.2	0.1376
960.73	0.029	195.7	0.0621	960.73	0.04	191.3	0.1376
960.77	0.029	195.8	0.063	960.77	0.04	191.3	0.1385
960.80	0.029	196	0.063	960.80	0.04	191.5	0.1394
960.83	0.029	196.1	0.0621	960.83	0.04	191.7	0.1394
960.87	0.028	196.1	0.0621	960.87	0.04	191.8	0.1394
960.90	0.027	196.2	0.0612	960.90	0.039	191.9	0.1376
960.93	0.027	196.2	0.0612	960.93	0.038	191.9	0.1358
960.97	0.026	196.2	0.0595	960.97	0.035	191.9	0.1358
961.00	0.026	196.1	0.0586	961.00	0.034	191.9	0.1331
961.03	0.024	196.1	0.0559	961.03	0.034	191.9	0.1314
961.07	0.023	196.1	0.0541	961.07	0.032	191.7	0.1278
961.10	0.021	196	0.0541	961.10	0.029	191.6	0.1243
961.13	0.019	195.9	0.0515	961.13	0.027	191.5	0.1198
961.17	0.019	195.9	0.0506	961.17	0.025	191.3	0.1154
961.22	0.016	195.7	0.047	961.20	0.021	191.1	0.1154
961.25	0.015	195.6	0.0453	961.23	0.019	191.1	0.1101
961.28	0.015	195.6	0.0435	961.27	0.019	190.9	0.1047
961.30	0.013	195.4	0.0391	961.30	0.017	190.5	0.0976
961.33	0.011	195.1	0.0355	961.33	0.012	190.2	0.0905
961.37	0.008	194.9	0.032	961.37	0.01	189.9	0.0843
961.40	0.007	194.8	0.0284	961.40	0.007	189.5	0.0763
961.43	0.005	194.5	0.024	961.43	0.002	189.1	0.0763
961.47	0.002	194.3	0.024	961.47	0.001	189.1	0.0675

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
961.50	0.002	194.3	0.0195	961.50	0.001	188.8	0.0612
961.53	0	194.1	0.016	961.53	-0.002	188.3	0.0533
961.57	-0.002	193.8	0.0115	961.57	-0.007	187.8	0.0444
961.60	-0.004	193.6	0.008	961.60	-0.008	187.4	0.0382
961.63	-0.005	193.3	0.0053	961.65	-0.011	186.9	0.0311
961.67	-0.007	193	0.0009	961.68	-0.014	186.6	0.0249
961.70	-0.01	192.8	0.0009	961.70	-0.015	186.2	0.0195
961.73	-0.01	192.8	-0.0027	961.73	-0.017	185.7	0.0124
961.77	-0.01	192.6	-0.0044	961.77	-0.021	185.2	0.0124
961.80	-0.012	192.3	-0.008	961.80	-0.022	185.2	0.0062
961.83	-0.014	192	-0.0098	961.83	-0.022	184.9	0.0027
961.87	-0.014	191.8	-0.0115	961.87	-0.023	184.5	-0.0018
961.90	-0.015	191.6	-0.0133	961.90	-0.026	184.1	-0.0062
961.93	-0.017	191.4	-0.0133	961.93	-0.027	183.9	-0.0089
961.97	-0.017	191.4	-0.0151	961.97	-0.027	183.6	-0.0115
962.00	-0.017	191.3	-0.016	962.00	-0.028	183.3	-0.0115
962.03	-0.017	191.2	-0.016	962.03	-0.029	183.3	-0.0142
962.07	-0.017	191	-0.0178	962.07	-0.029	183.1	-0.0151
962.10	-0.017	190.9	-0.0178	962.10	-0.029	182.9	-0.0151
962.13	-0.017	190.8	-0.0178	962.13	-0.029	182.7	-0.016
962.17	-0.017	190.7	-0.0178	962.17	-0.028	182.6	-0.016
962.20	-0.016	190.7	-0.0169	962.20	-0.028	182.5	-0.0151
962.23	-0.016	190.6	-0.0169	962.23	-0.026	182.5	-0.0151
962.27	-0.015	190.6	-0.0151	962.27	-0.025	182.5	-0.0133
962.30	-0.014	190.6	-0.0142	962.30	-0.025	182.5	-0.0124
962.33	-0.014	190.6	-0.0133	962.33	-0.024	182.5	-0.0098
962.37	-0.013	190.7	-0.0115	962.37	-0.021	182.6	-0.0062
962.40	-0.01	190.7	-0.0115	962.40	-0.02	182.7	-0.0044
962.43	-0.01	190.7	-0.0089	962.43	-0.018	182.8	0
962.47	-0.01	190.8	-0.0071	962.47	-0.014	183.1	0
962.50	-0.008	191	-0.0044	962.50	-0.012	183.2	0.0044
962.53	-0.005	191.1	-0.0009	962.53	-0.012	183.2	0.008
962.57	-0.004	191.2	0.0018	962.57	-0.01	183.4	0.0151
962.60	-0.002	191.4	0.0044	962.60	-0.006	183.8	0.0213
962.63	0	191.5	0.0044	962.63	-0.004	184.1	0.0275
962.68	0.002	191.7	0.0107	962.67	-0.001	184.4	0.0355
962.72	0.002	191.9	0.0133	962.70	0.003	184.8	0.0355
962.73	0.006	192.1	0.0133	962.73	0.006	185.2	0.0435
962.77	0.007	192.1	0.0178	962.77	0.006	185.2	0.0506
962.80	0.007	192.3	0.0213	962.80	0.008	185.5	0.0586
962.83	0.009	192.5	0.0257	962.83	0.013	186	0.0675
962.87	0.013	192.8	0.0302	962.87	0.015	186.4	0.0737
962.90	0.013	193	0.0337	962.90	0.017	186.7	0.0817
962.93	0.015	193.3	0.0373	962.93	0.021	187.4	0.0817
962.97	0.019	193.6	0.0373	962.97	0.024	187.7	0.0897
963.00	0.019	193.6	0.0417	963.00	0.024	187.7	0.0968
963.03	0.019	193.7	0.0435	963.03	0.026	188.1	0.103
963.07	0.02	194	0.047	963.07	0.029	188.6	0.1101
963.10	0.023	194.3	0.0506	963.12	0.032	189	0.1154
963.13	0.024	194.5	0.0524	963.15	0.032	189.2	0.1189
963.17	0.025	194.7	0.055	963.17	0.034	189.6	0.1234
963.20	0.027	194.9	0.055	963.20	0.036	189.9	0.1278
963.23	0.027	194.9	0.0568	963.23	0.037	190.2	0.1314
963.27	0.027	195.1	0.0586	963.27	0.038	190.6	0.134
963.30	0.027	195.2	0.0595	963.30	0.04	190.8	0.134
963.33	0.029	195.5	0.0612	963.33	0.04	190.8	0.1367
963.37	0.028	195.6	0.0612	963.37	0.04	191.1	0.1376
963.40	0.028	195.8	0.0621	963.40	0.04	191.3	0.1385
963.43	0.029	195.9	0.0621	963.43	0.04	191.4	0.1394
963.47	0.029	195.9	0.0621	963.47	0.04	191.6	0.1394
963.50	0.029	196	0.063	963.50	0.04	191.7	0.1394
963.53	0.029	196.1	0.0621	963.53	0.04	191.8	0.1394
963.57	0.028	196.1	0.0612	963.57	0.038	191.8	0.1394

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
963.60	0.027	196.1	0.0604	963.60	0.038	191.9	0.1376
963.63	0.026	196.2	0.0586	963.63	0.037	191.9	0.1349
963.67	0.024	196.1	0.0586	963.67	0.034	191.9	0.1331
963.70	0.024	196.1	0.0568	963.70	0.033	191.8	0.1296
963.73	0.024	196.1	0.0559	963.73	0.032	191.7	0.1269
963.77	0.022	196.1	0.0541	963.77	0.027	191.6	0.1269
963.80	0.02	196	0.0515	963.80	0.026	191.6	0.1225
963.83	0.019	195.9	0.0488	963.83	0.026	191.5	0.1198
963.87	0.017	195.8	0.0453	963.87	0.024	191.3	0.1136
963.90	0.014	195.6	0.0453	963.90	0.019	191	0.1083
963.93	0.013	195.6	0.0426	963.93	0.018	190.8	0.103
963.97	0.013	195.4	0.0399	963.97	0.016	190.5	0.095
964.00	0.012	195.2	0.0364	964.00	0.01	190.1	0.095
964.03	0.008	195	0.032	964.03	0.009	190.1	0.087
964.07	0.007	194.8	0.0293	964.07	0.009	189.8	0.0817
964.12	0.005	194.6	0.024	964.10	0.006	189.4	0.0737
964.15	0.003	194.4	0.0222	964.13	0.001	188.9	0.0648
964.18	0.001	194.2	0.0186	964.17	-0.001	188.6	0.0586
964.20	0	193.9	0.0142	964.20	-0.003	188.2	0.0506
964.23	-0.004	193.6	0.0142	964.23	-0.008	187.7	0.0506
964.27	-0.005	193.6	0.0098	964.27	-0.01	187.3	0.0417
964.30	-0.005	193.4	0.0071	964.30	-0.01	187.3	0.0355
964.33	-0.006	193.2	0.0036	964.33	-0.012	186.8	0.0284
964.37	-0.008	192.9	0	964.37	-0.016	186.2	0.0195
964.40	-0.01	192.6	-0.0027	964.40	-0.018	185.8	0.0142
964.43	-0.011	192.4	-0.0062	964.43	-0.019	185.5	0.008
964.47	-0.013	192.1	-0.0062	964.47	-0.022	185	0.008
964.50	-0.014	191.9	-0.0089	964.50	-0.024	184.7	0.0027
964.53	-0.014	191.9	-0.0098	964.55	-0.025	184.4	-0.0044
964.57	-0.015	191.7	-0.0124	964.58	-0.025	184	-0.0044
964.60	-0.016	191.5	-0.0142	964.62	-0.027	183.7	-0.0071
964.63	-0.016	191.3	-0.0151	964.63	-0.027	183.7	-0.0098
964.67	-0.017	191.2	-0.0169	964.67	-0.027	183.5	-0.0115
964.70	-0.017	191	-0.0169	964.70	-0.028	183.2	-0.0133
964.73	-0.017	190.9	-0.0178	964.73	-0.029	183	-0.0151
964.77	-0.017	190.9	-0.0169	964.77	-0.029	182.8	-0.0151
964.80	-0.017	190.8	-0.0178	964.80	-0.029	182.6	-0.016
964.83	-0.017	190.7	-0.0169	964.83	-0.028	182.6	-0.016
964.87	-0.016	190.6	-0.0169	964.87	-0.027	182.6	-0.0151
964.90	-0.016	190.6	-0.0169	964.90	-0.027	182.5	-0.0142
964.93	-0.015	190.6	-0.0169	964.93	-0.027	182.5	-0.0124
964.97	-0.014	190.6	-0.0151	964.97	-0.024	182.5	-0.0107
965.00	-0.014	190.6	-0.0142	965.00	-0.023	182.5	-0.0089
965.03	-0.013	190.6	-0.0115	965.03	-0.022	182.6	-0.0053
965.07	-0.011	190.7	-0.0098	965.07	-0.018	182.8	-0.0053
965.10	-0.01	190.7	-0.0089	965.10	-0.017	182.8	-0.0018
965.13	-0.009	190.8	-0.0062	965.13	-0.017	182.8	0.0009
965.17	-0.006	191	-0.0062	965.17	-0.015	183.1	0.0062
965.20	-0.005	191.1	-0.0027	965.20	-0.01	183.3	0.0115
965.23	-0.005	191.1	-0.0009	965.23	-0.009	183.5	0.0169
965.27	-0.003	191.2	0.0036	965.27	-0.007	183.9	0.0231
965.30	0	191.4	0.0071	965.30	-0.002	184.2	0.0231
965.33	0.001	191.6	0.0098	965.33	0	184.2	0.032
965.37	0.003	191.8	0.0142	965.37	0	184.5	0.0382
965.40	0.006	192.1	0.0142	965.40	0.003	184.9	0.0462
965.43	0.008	192.3	0.0178	965.43	0.008	185.3	0.0541
965.47	0.008	192.3	0.0213	965.47	0.009	185.6	0.0612
965.50	0.009	192.4	0.0249	965.50	0.012	186.1	0.0692
965.53	0.011	192.7	0.0293	965.53	0.017	186.6	0.0692
965.58	0.014	193	0.0337	965.57	0.019	186.6	0.0772
965.62	0.014	193.1	0.0355	965.60	0.019	187	0.0843
965.63	0.016	193.4	0.0391	965.63	0.021	187.5	0.0914
965.67	0.019	193.7	0.0435	965.67	0.026	187.9	0.0994

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
965.70	0.02	193.8	0.0453	965.70	0.026	188.2	0.1056
965.73	0.021	194.1	0.0479	965.73	0.029	188.7	0.1118
965.77	0.024	194.4	0.0479	965.77	0.033	189.1	0.1118
965.80	0.024	194.4	0.0515	965.80	0.033	189.1	0.1189
965.83	0.024	194.5	0.0533	965.83	0.033	189.4	0.1225
965.87	0.025	194.8	0.0559	965.87	0.035	189.8	0.1269
965.90	0.027	195	0.0577	965.90	0.038	190.1	0.1305
965.93	0.027	195.2	0.0595	965.93	0.038	190.4	0.1331
965.97	0.028	195.3	0.0604	965.97	0.039	190.7	0.1358
966.00	0.028	195.5	0.0604	966.02	0.04	190.9	0.1376
966.03	0.028	195.5	0.0612	966.05	0.04	191.2	0.1385
966.07	0.028	195.7	0.0621	966.07	0.04	191.3	0.1394
966.10	0.029	195.8	0.0621	966.10	0.04	191.5	0.1394
966.13	0.029	195.9	0.063	966.13	0.04	191.5	0.1394
966.17	0.029	196	0.063	966.17	0.04	191.6	0.1394
966.20	0.029	196.1	0.0621	966.20	0.04	191.8	0.1394
966.23	0.027	196.1	0.0621	966.23	0.039	191.9	0.1394
966.27	0.026	196.1	0.0612	966.27	0.038	191.9	0.1367
966.30	0.026	196.2	0.0604	966.30	0.036	191.9	0.134
966.33	0.026	196.2	0.0586	966.33	0.033	191.8	0.134
966.37	0.023	196.1	0.0568	966.37	0.032	191.8	0.1314
966.40	0.023	196.1	0.055	966.40	0.032	191.8	0.1296
966.43	0.022	196	0.0533	966.43	0.031	191.7	0.1252
966.47	0.019	195.9	0.0533	966.47	0.026	191.5	0.1207
966.50	0.018	195.9	0.0497	966.50	0.025	191.4	0.1172
966.53	0.018	195.8	0.047	966.53	0.023	191.2	0.1118
966.57	0.016	195.7	0.0444	966.57	0.018	190.9	0.1118
966.60	0.013	195.5	0.0417	966.60	0.017	190.9	0.1056
966.63	0.012	195.3	0.0391	966.63	0.017	190.7	0.1003
966.67	0.011	195.1	0.0346	966.67	0.014	190.4	0.0932
966.70	0.007	194.9	0.0346	966.70	0.009	189.9	0.0843
966.73	0.006	194.9	0.032	966.73	0.007	189.6	0.079
966.77	0.006	194.7	0.0284	966.77	0.005	189.3	0.071
966.80	0.005	194.4	0.0231	966.80	-0.001	188.8	0.071
966.83	0	194.1	0.0178	966.83	-0.002	188.4	0.0612
966.87	0	194	0.0151	966.87	-0.002	188.4	0.0559
966.90	-0.002	193.7	0.0107	966.90	-0.005	188	0.0479
966.93	-0.005	193.4	0.0107	966.93	-0.009	187.5	0.0391
966.97	-0.006	193.4	0.0062	966.97	-0.011	187.1	0.0328
967.00	-0.006	193.2	0.0036	967.00	-0.013	186.6	0.0249
967.05	-0.009	192.7	0	967.03	-0.017	186	0.0249
967.08	-0.01	192.7	-0.0009	967.07	-0.019	185.7	0.0169
967.10	-0.01	192.5	-0.0036	967.10	-0.019	185.7	0.0115
967.13	-0.011	192.2	-0.0071	967.13	-0.02	185.3	0.0062
967.17	-0.014	192	-0.0098	967.17	-0.023	184.8	0.0009
967.20	-0.015	191.8	-0.0115	967.20	-0.025	184.5	-0.0027
967.23	-0.015	191.6	-0.0133	967.23	-0.025	184.2	-0.0062
967.27	-0.016	191.4	-0.0133	967.27	-0.027	183.8	-0.0062
967.30	-0.016	191.4	-0.0142	967.30	-0.028	183.5	-0.0098
967.33	-0.016	191.2	-0.016	967.33	-0.028	183.5	-0.0115
967.37	-0.017	191.1	-0.016	967.37	-0.028	183.3	-0.0133
967.40	-0.017	190.9	-0.0169	967.40	-0.029	183.1	-0.0142
967.43	-0.017	190.8	-0.0178	967.45	-0.029	182.9	-0.0151
967.47	-0.017	190.7	-0.0178	967.48	-0.029	182.7	-0.0151
967.50	-0.017	190.6	-0.0178	967.52	-0.028	182.6	-0.0151
967.53	-0.016	190.6	-0.0169	967.53	-0.028	182.5	-0.0151
967.57	-0.016	190.6	-0.016	967.57	-0.027	182.4	-0.0133
967.60	-0.016	190.6	-0.0151	967.60	-0.026	182.5	-0.0115
967.63	-0.014	190.6	-0.0142	967.63	-0.023	182.5	-0.0115
967.67	-0.014	190.6	-0.0133	967.67	-0.023	182.5	-0.0098
967.70	-0.012	190.6	-0.0107	967.70	-0.023	182.5	-0.0071
967.73	-0.01	190.6	-0.0107	967.73	-0.021	182.6	-0.0036
967.77	-0.009	190.6	-0.008	967.77	-0.017	182.8	0

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
967.80	-0.009	190.7	-0.0071	967.80	-0.016	182.9	0.0027
967.83	-0.008	190.8	-0.0044	967.83	-0.014	183.2	0.0089
967.87	-0.005	191	-0.0018	967.87	-0.009	183.4	0.0089
967.90	-0.004	191.2	0.0009	967.90	-0.008	183.4	0.0142
967.93	-0.003	191.3	0.0053	967.93	-0.008	183.6	0.0195
967.97	0.001	191.5	0.0053	967.97	-0.005	184	0.0275
968.00	0.002	191.5	0.0089	968.00	0	184.4	0.0355
968.03	0.002	191.6	0.0115	968.03	0.001	184.6	0.0417
968.07	0.003	191.9	0.016	968.07	0.004	185.1	0.0497
968.10	0.007	192.2	0.0204	968.10	0.009	185.5	0.0497
968.13	0.008	192.3	0.0231	968.13	0.011	185.5	0.0586
968.17	0.01	192.5	0.0284	968.17	0.011	185.8	0.0648
968.20	0.013	192.9	0.0284	968.20	0.014	186.3	0.0719
968.23	0.015	193.1	0.032	968.23	0.019	186.7	0.0808
968.27	0.015	193.1	0.0355	968.27	0.02	187.1	0.087
968.30	0.016	193.3	0.0391	968.30	0.022	187.6	0.095
968.33	0.019	193.6	0.0435	968.33	0.027	188	0.095
968.37	0.02	193.8	0.0453	968.37	0.028	188	0.103
968.40	0.021	194	0.0497	968.40	0.028	188.4	0.1083
968.43	0.023	194.3	0.0497	968.43	0.03	188.9	0.1145
968.48	0.025	194.5	0.0541	968.47	0.034	189.2	0.1207
968.52	0.024	194.7	0.055	968.50	0.034	189.6	0.1243
968.55	0.025	195	0.055	968.53	0.036	189.9	0.1287
968.57	0.027	195.1	0.0559	968.57	0.038	190.3	0.1287
968.60	0.027	195.1	0.0595	968.60	0.038	190.3	0.1323
968.63	0.028	195.2	0.0612	968.63	0.038	190.5	0.134
968.67	0.029	195.4	0.0621	968.67	0.039	190.8	0.1367
968.70	0.029	195.7	0.0621	968.70	0.04	191	0.1385
968.73	0.028	195.9	0.0621	968.73	0.04	191.2	0.1394
968.77	0.028	196	0.0621	968.77	0.04	191.4	0.1394
968.80	0.028	196	0.0621	968.80	0.04	191.6	0.1394
968.83	0.028	196	0.063	968.83	0.04	191.6	0.1394
968.87	0.029	196.1	0.063	968.87	0.04	191.7	0.1394
968.90	0.028	196.1	0.0621	968.92	0.038	191.9	0.1394
968.93	0.027	196.2	0.0612	968.95	0.037	191.9	0.1385
968.97	0.026	196.2	0.0595	968.97	0.037	191.9	0.1367
969.00	0.025	196.2	0.0595	969.00	0.036	191.9	0.134
969.03	0.023	196.1	0.0577	969.03	0.033	191.8	0.1305
969.07	0.023	196.1	0.0559	969.07	0.031	191.8	0.1278
969.10	0.023	196.1	0.0541	969.10	0.03	191.7	0.1243
969.13	0.02	195.9	0.0515	969.13	0.026	191.4	0.1243
969.17	0.018	195.9	0.0488	969.17	0.024	191.3	0.1198
969.20	0.017	195.8	0.0462	969.20	0.024	191.3	0.1154
969.23	0.015	195.6	0.0435	969.23	0.022	191.1	0.1092
969.27	0.012	195.4	0.0435	969.27	0.017	190.7	0.103
969.30	0.012	195.4	0.0399	969.30	0.015	190.5	0.0976
969.33	0.012	195.2	0.0373	969.33	0.013	190.2	0.0897
969.37	0.009	195	0.0328	969.37	0.008	189.8	0.0897
969.40	0.006	194.8	0.0284	969.40	0.005	189.4	0.0817
969.43	0.005	194.6	0.0249	969.43	0.005	189.4	0.0754
969.47	0.003	194.3	0.0213	969.47	0.003	189.1	0.0683
969.50	0	194.1	0.0213	969.50	-0.001	188.6	0.0595
969.53	-0.001	194.1	0.0178	969.53	-0.004	188.2	0.0524
969.57	-0.001	193.9	0.0133	969.57	-0.006	187.8	0.0444
969.60	-0.003	193.6	0.0098	969.60	-0.01	187.2	0.0444
969.63	-0.006	193.3	0.0062	969.63	-0.013	186.8	0.0355
969.67	-0.007	193.1	0.0027	969.67	-0.013	186.8	0.0293
969.70	-0.009	192.8	-0.0009	969.70	-0.014	186.4	0.0213
969.73	-0.011	192.6	-0.0009	969.73	-0.018	185.8	0.0142
969.77	-0.011	192.6	-0.0044	969.77	-0.02	185.5	0.0089
969.80	-0.011	192.4	-0.0062	969.80	-0.021	185.1	0.0036
969.83	-0.013	192.1	-0.0089	969.83	-0.023	184.7	0.0036
969.87	-0.015	191.9	-0.0107	969.87	-0.025	184.3	-0.0009

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
969.90	-0.015	191.7	-0.0124	969.90	-0.025	184.3	-0.0044
969.95	-0.016	191.4	-0.0142	969.93	-0.026	184	-0.008
969.98	-0.017	191.3	-0.0151	969.97	-0.027	183.7	-0.0107
970.00	-0.016	191.2	-0.0151	970.00	-0.029	183.4	-0.0124
970.03	-0.017	191	-0.0169	970.03	-0.028	183.2	-0.0133
970.07	-0.017	190.9	-0.0169	970.07	-0.029	183	-0.0142
970.10	-0.017	190.9	-0.0169	970.10	-0.029	182.8	-0.0142
970.13	-0.017	190.8	-0.0178	970.13	-0.029	182.8	-0.0151
970.17	-0.017	190.7	-0.0169	970.17	-0.029	182.6	-0.0151
970.20	-0.017	190.6	-0.016	970.20	-0.028	182.6	-0.0151
970.23	-0.016	190.6	-0.0151	970.23	-0.027	182.5	-0.0133
970.27	-0.015	190.5	-0.0142	970.27	-0.026	182.5	-0.0124
970.30	-0.014	190.5	-0.0142	970.30	-0.025	182.5	-0.0098
970.33	-0.013	190.5	-0.0133	970.33	-0.022	182.6	-0.0098
970.37	-0.013	190.6	-0.0115	970.38	-0.022	182.6	-0.0062
970.40	-0.012	190.6	-0.0107	970.42	-0.02	182.6	-0.0027
970.43	-0.01	190.7	-0.008	970.43	-0.016	182.9	-0.0027
970.47	-0.009	190.8	-0.0062	970.47	-0.015	182.9	0.0018
970.50	-0.007	190.9	-0.0027	970.50	-0.015	183	0.0053
970.53	-0.004	191.1	-0.0027	970.53	-0.013	183.2	0.0107
970.57	-0.004	191.1	0.0009	970.57	-0.008	183.5	0.016
970.60	-0.004	191.2	0.0027	970.60	-0.007	183.7	0.0213
970.63	-0.002	191.4	0.0062	970.63	-0.004	184.1	0.0302
970.67	0.002	191.6	0.0107	970.67	0.001	184.5	0.0302
970.70	0.003	191.8	0.0133	970.70	0.003	184.5	0.0382
970.73	0.005	192	0.0178	970.73	0.003	184.8	0.0444
970.77	0.008	192.2	0.0178	970.77	0.005	185.1	0.0524
970.80	0.009	192.4	0.0213	970.80	0.011	185.6	0.0612
970.83	0.009	192.4	0.0249	970.83	0.012	186	0.0675
970.87	0.01	192.6	0.0284	970.87	0.014	186.3	0.0746
970.90	0.014	192.9	0.0337	970.90	0.019	187	0.0746
970.93	0.015	193.1	0.0373	970.93	0.022	187.3	0.0843
970.97	0.017	193.4	0.0408	970.97	0.022	187.3	0.0905
971.00	0.019	193.7	0.0408	971.00	0.023	187.7	0.0976
971.03	0.021	193.9	0.0444	971.03	0.027	188.2	0.1056
971.07	0.021	193.9	0.047	971.07	0.029	188.6	0.111
971.10	0.022	194.1	0.0497	971.10	0.031	188.9	0.1163
971.13	0.023	194.4	0.0524	971.13	0.034	189.4	0.1163
971.17	0.025	194.6	0.055	971.17	0.035	189.7	0.1216
971.20	0.026	194.8	0.0577	971.20	0.035	189.7	0.1252
971.23	0.027	195	0.0577	971.23	0.036	190	0.1296
971.27	0.027	195.2	0.0595	971.27	0.038	190.3	0.1331
971.30	0.027	195.2	0.0595	971.30	0.039	190.6	0.1358
971.33	0.028	195.4	0.0612	971.33	0.039	190.8	0.1376
971.38	0.029	195.7	0.0621	971.37	0.04	191.1	0.1376
971.42	0.029	195.7	0.063	971.40	0.04	191.3	0.1385
971.45	0.029	195.8	0.063	971.43	0.04	191.3	0.1394
971.47	0.029	195.9	0.063	971.47	0.04	191.4	0.1394
971.50	0.029	196	0.063	971.50	0.04	191.6	0.1394
971.53	0.028	196.1	0.063	971.53	0.04	191.7	0.1394
971.57	0.028	196.1	0.0612	971.57	0.039	191.8	0.1385
971.60	0.026	196.1	0.0612	971.60	0.038	191.8	0.1367
971.63	0.026	196.1	0.0604	971.63	0.035	191.8	0.1367
971.67	0.025	196.2	0.0586	971.67	0.034	191.8	0.134
971.70	0.024	196.1	0.0568	971.70	0.034	191.8	0.1323
971.73	0.023	196.1	0.055	971.73	0.032	191.7	0.1287
971.77	0.022	196	0.0533	971.77	0.029	191.6	0.1252
971.80	0.02	195.9	0.0506	971.82	0.027	191.5	0.1207
971.83	0.017	195.8	0.0506	971.85	0.027	191.3	0.1189
971.87	0.016	195.8	0.0479	971.87	0.022	191.2	0.1136
971.90	0.016	195.7	0.0462	971.90	0.021	191	0.1083
971.93	0.015	195.5	0.0426	971.93	0.018	190.6	0.1021
971.97	0.012	195.3	0.0391	971.97	0.013	190.3	0.1021

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
972.00	0.01	195.1	0.0355	972.00	0.012	190.3	0.0941
972.03	0.009	194.9	0.0311	972.03	0.012	190.1	0.0888
972.07	0.005	194.7	0.0311	972.07	0.009	189.6	0.0799
972.10	0.004	194.7	0.0275	972.10	0.003	189.2	0.071
972.13	0.004	194.5	0.024	972.13	0.002	188.9	0.0648
972.17	0.003	194.2	0.0195	972.17	0	188.4	0.0577
972.20	-0.001	193.9	0.016	972.20	-0.006	188	0.0577
972.23	-0.002	193.7	0.0124	972.23	-0.007	188	0.0479
972.27	-0.004	193.4	0.008	972.27	-0.007	187.6	0.0417
972.30	-0.007	193.2	0.008	972.30	-0.009	187.1	0.0337
972.33	-0.008	193.2	0.0044	972.33	-0.015	186.5	0.0249
972.37	-0.008	193	0.0018	972.37	-0.015	186.2	0.0195
972.40	-0.009	192.7	-0.0018	972.40	-0.017	185.7	0.0124
972.43	-0.011	192.4	-0.0044	972.43	-0.022	185.2	0.0124
972.47	-0.012	192.2	-0.008	972.47	-0.022	185.2	0.0062
972.50	-0.013	192	-0.0098	972.50	-0.022	184.9	0.0027
972.53	-0.015	191.7	-0.0098	972.53	-0.023	184.5	-0.0018
972.57	-0.015	191.7	-0.0115	972.57	-0.026	184.1	-0.0062
972.60	-0.015	191.6	-0.0124	972.60	-0.026	183.9	-0.008
972.63	-0.016	191.4	-0.0151	972.63	-0.027	183.6	-0.0107
972.67	-0.017	191.2	-0.016	972.67	-0.029	183.3	-0.0107
972.70	-0.017	191	-0.016	972.70	-0.029	183.3	-0.0133
972.73	-0.017	190.9	-0.0169	972.73	-0.029	183.1	-0.0142
972.77	-0.017	190.8	-0.0169	972.77	-0.029	182.9	-0.0142
972.80	-0.017	190.8	-0.0169	972.80	-0.028	182.7	-0.0151
972.85	-0.017	190.7	-0.0169	972.83	-0.028	182.6	-0.0151
972.88	-0.016	190.6	-0.0169	972.87	-0.028	182.5	-0.0142
972.90	-0.016	190.6	-0.016	972.90	-0.026	182.5	-0.0142
972.93	-0.016	190.5	-0.0151	972.93	-0.025	182.5	-0.0133
972.97	-0.015	190.5	-0.0142	972.97	-0.025	182.5	-0.0115
973.00	-0.013	190.6	-0.0133	973.00	-0.024	182.5	-0.0089
973.03	-0.013	190.6	-0.0115	973.03	-0.021	182.6	-0.0062
973.07	-0.011	190.6	-0.0089	973.07	-0.02	182.7	-0.0036
973.10	-0.009	190.7	-0.0089	973.10	-0.018	182.8	0.0009
973.13	-0.007	190.7	-0.0062	973.13	-0.014	183.1	0.0009
973.17	-0.007	190.8	-0.0044	973.17	-0.012	183.2	0.0062
973.20	-0.007	190.9	-0.0027	973.20	-0.012	183.2	0.0098
973.23	-0.004	191.1	0.0009	973.23	-0.011	183.4	0.0151
973.27	-0.003	191.2	0.0036	973.28	-0.005	184	0.0222
973.30	-0.001	191.4	0.008	973.32	-0.005	184	0.0257
973.33	0.003	191.6	0.008	973.33	-0.003	184.2	0.0337
973.37	0.004	191.6	0.0124	973.37	0.002	184.7	0.0417
973.40	0.004	191.8	0.016	973.40	0.005	185	0.0488
973.43	0.005	192	0.0195	973.43	0.007	185.3	0.0559
973.47	0.009	192.3	0.0231	973.47	0.011	185.8	0.0559
973.50	0.01	192.5	0.0257	973.50	0.014	186.2	0.0639
973.53	0.011	192.8	0.0311	973.53	0.014	186.2	0.071
973.57	0.016	193.1	0.0311	973.57	0.016	186.5	0.079
973.60	0.016	193.1	0.0364	973.60	0.02	187.1	0.087
973.63	0.016	193.2	0.0391	973.63	0.023	187.5	0.0941
973.67	0.018	193.5	0.0426	973.67	0.024	187.9	0.1012
973.70	0.02	193.8	0.0453	973.70	0.028	188.4	0.1083
973.73	0.021	194	0.047	973.73	0.031	188.8	0.1083
973.77	0.022	194.2	0.0506	973.77	0.031	188.8	0.1136
973.80	0.025	194.5	0.0506	973.80	0.032	189.1	0.1189
973.83	0.026	194.5	0.0541	973.83	0.034	189.5	0.1243
973.87	0.026	194.7	0.0559	973.87	0.036	189.9	0.1287
973.90	0.026	194.9	0.0577	973.90	0.037	190.1	0.1314
973.93	0.027	195.1	0.0595	973.93	0.038	190.5	0.134
973.97	0.028	195.2	0.0604	973.97	0.039	190.7	0.134
974.00	0.028	195.4	0.0612	974.00	0.04	190.7	0.1367
974.03	0.029	195.6	0.0612	974.03	0.04	191	0.1385
974.07	0.029	195.6	0.0621	974.07	0.04	191.2	0.1385

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
974.10	0.029	195.7	0.063	974.10	0.04	191.3	0.1394
974.13	0.029	195.8	0.063	974.13	0.04	191.5	0.1402
974.17	0.029	196	0.063	974.17	0.04	191.6	0.1402
974.20	0.029	196	0.063	974.20	0.04	191.8	0.1402
974.23	0.028	196.1	0.0612	974.23	0.038	191.8	0.1394
974.27	0.026	196.1	0.0612	974.27	0.038	191.8	0.1385
974.32	0.026	196.1	0.0595	974.30	0.037	191.8	0.1358
974.35	0.025	196.1	0.0586	974.33	0.034	191.8	0.1331
974.37	0.024	196.1	0.0586	974.37	0.033	191.8	0.1314
974.40	0.022	196	0.0568	974.40	0.032	191.7	0.1278
974.43	0.022	196	0.055	974.43	0.027	191.5	0.1278
974.47	0.021	196	0.0524	974.47	0.026	191.5	0.1234
974.50	0.019	195.8	0.0488	974.50	0.026	191.4	0.1198
974.53	0.016	195.7	0.047	974.53	0.025	191.3	0.1145
974.57	0.016	195.6	0.0444	974.57	0.019	190.9	0.1083
974.60	0.013	195.4	0.0444	974.60	0.018	190.7	0.1039
974.63	0.011	195.2	0.0408	974.63	0.016	190.4	0.0968
974.67	0.011	195.2	0.0373	974.67	0.01	190	0.0968
974.70	0.01	195.1	0.0337	974.72	0.009	189.7	0.0834
974.73	0.007	194.8	0.0302	974.75	0.008	189.5	0.0781
974.77	0.004	194.6	0.0257	974.78	0.003	189	0.0781
974.80	0.003	194.4	0.0222	974.80	0	189	0.0692
974.83	0.001	194.1	0.0222	974.83	0	188.7	0.063
974.87	-0.002	193.8	0.0178	974.87	-0.002	188.3	0.0541
974.90	-0.002	193.8	0.0142	974.90	-0.007	187.8	0.0453
974.93	-0.003	193.6	0.0098	974.93	-0.009	187.4	0.0391
974.97	-0.005	193.3	0.0062	974.97	-0.01	187	0.0311
975.00	-0.008	193.1	0.0027	975.00	-0.015	186.3	0.0311
975.03	-0.008	192.9	0	975.03	-0.017	186	0.0222
975.07	-0.01	192.5	-0.0036	975.07	-0.017	186	0.0169
975.10	-0.012	192.3	-0.0036	975.10	-0.018	185.6	0.0115
975.13	-0.012	192.3	-0.0062	975.13	-0.022	185.1	0.0053
975.17	-0.013	192.1	-0.008	975.17	-0.023	184.8	0.0009
975.20	-0.014	191.9	-0.0107	975.20	-0.024	184.4	-0.0036
975.23	-0.015	191.6	-0.0115	975.23	-0.026	184	-0.0036
975.27	-0.016	191.5	-0.0133	975.27	-0.027	183.7	-0.0071
975.30	-0.016	191.2	-0.0151	975.30	-0.027	183.7	-0.0098
975.33	-0.017	191.1	-0.0151	975.33	-0.028	183.5	-0.0115
975.37	-0.017	191.1	-0.016	975.37	-0.028	183.2	-0.0133
975.40	-0.017	191	-0.0169	975.40	-0.029	183	-0.0142
975.43	-0.017	190.8	-0.0169	975.43	-0.029	182.8	-0.0151
975.47	-0.017	190.7	-0.0169	975.47	-0.028	182.7	-0.0151
975.50	-0.017	190.7	-0.0169	975.50	-0.028	182.6	-0.0151
975.53	-0.016	190.6	-0.016	975.53	-0.028	182.6	-0.0151
975.57	-0.015	190.6	-0.016	975.57	-0.027	182.5	-0.0133
975.60	-0.015	190.6	-0.0151	975.60	-0.026	182.5	-0.0115
975.63	-0.015	190.5	-0.0142	975.63	-0.024	182.5	-0.0107
975.67	-0.014	190.6	-0.0133	975.67	-0.023	182.5	-0.008
975.70	-0.012	190.6	-0.0107	975.70	-0.021	182.6	-0.008
975.75	-0.012	190.6	-0.0098	975.73	-0.018	182.7	-0.0044
975.78	-0.011	190.7	-0.008	975.77	-0.018	182.7	-0.0018
975.80	-0.008	190.8	-0.0062	975.80	-0.017	182.8	0.0027
975.83	-0.007	190.8	-0.0036	975.83	-0.014	183.1	0.008
975.87	-0.006	191	-0.0009	975.87	-0.011	183.3	0.0124
975.90	-0.002	191.2	-0.0009	975.90	-0.009	183.5	0.0178
975.93	-0.002	191.2	0.0036	975.93	-0.006	183.9	0.0249
975.97	-0.002	191.3	0.0062	975.97	-0.002	184.2	0.0249
976.00	0	191.5	0.0089	976.00	-0.002	184.2	0.032
976.03	0.004	191.7	0.0133	976.03	0	184.5	0.0399
976.07	0.005	191.9	0.016	976.07	0.004	185	0.0479
976.10	0.006	192.1	0.0204	976.10	0.008	185.3	0.055
976.13	0.01	192.4	0.0204	976.13	0.009	185.6	0.0621
976.17	0.011	192.4	0.0257	976.18	0.013	186.2	0.071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
976.20	0.011	192.6	0.0284	976.22	0.016	186.4	0.0754
976.23	0.012	192.9	0.0337	976.23	0.017	186.7	0.0826
976.27	0.016	193.1	0.0373	976.27	0.02	187.3	0.0897
976.30	0.017	193.4	0.0399	976.30	0.025	187.7	0.0897
976.33	0.018	193.6	0.0435	976.33	0.026	187.7	0.0976
976.37	0.021	193.9	0.0435	976.37	0.026	188.1	0.103
976.40	0.022	193.9	0.047	976.40	0.028	188.5	0.1101
976.43	0.022	194.1	0.0497	976.43	0.031	188.9	0.1163
976.47	0.023	194.3	0.0524	976.47	0.033	189.2	0.1207
976.50	0.025	194.6	0.055	976.50	0.034	189.6	0.1252
976.53	0.026	194.8	0.0568	976.53	0.037	190	0.1252
976.57	0.026	195	0.0586	976.57	0.037	190	0.1296
976.60	0.028	195.2	0.0586	976.60	0.037	190.3	0.1323
976.63	0.028	195.2	0.0604	976.63	0.038	190.6	0.1358
976.67	0.028	195.3	0.0612	976.67	0.04	190.8	0.1376
976.70	0.028	195.5	0.0621	976.70	0.04	191	0.1385
976.73	0.029	195.7	0.063	976.73	0.04	191.2	0.1394
976.77	0.029	195.8	0.063	976.77	0.04	191.4	0.1394
976.80	0.029	195.9	0.063	976.80	0.04	191.4	0.1402
976.83	0.028	196	0.063	976.83	0.04	191.6	0.1402
976.87	0.028	196.1	0.063	976.87	0.04	191.7	0.1402
976.90	0.028	196.1	0.063	976.90	0.039	191.8	0.1394
976.93	0.027	196.1	0.0612	976.93	0.038	191.8	0.1376
976.97	0.026	196.1	0.0604	976.97	0.036	191.8	0.1349
977.00	0.025	196.1	0.0586	977.00	0.033	191.7	0.1349
977.03	0.024	196.1	0.0568	977.03	0.032	191.7	0.1323
977.07	0.022	196	0.0568	977.07	0.032	191.7	0.1296
977.10	0.02	195.9	0.0541	977.10	0.031	191.6	0.126
977.13	0.02	195.9	0.0524	977.13	0.026	191.4	0.1207
977.17	0.02	195.9	0.0497	977.17	0.025	191.3	0.1181
977.22	0.016	195.6	0.047	977.20	0.023	191.2	0.1118
977.25	0.016	195.6	0.0453	977.23	0.019	190.8	0.1118
977.27	0.015	195.5	0.0426	977.27	0.016	190.8	0.1056
977.30	0.012	195.2	0.0391	977.30	0.016	190.6	0.1003
977.33	0.01	195.1	0.0364	977.33	0.015	190.3	0.0932
977.37	0.009	194.9	0.032	977.37	0.009	189.9	0.0852
977.40	0.005	194.6	0.032	977.40	0.007	189.5	0.079
977.43	0.004	194.5	0.0275	977.43	0.005	189.2	0.071
977.47	0.004	194.5	0.024	977.47	0	188.7	0.071
977.50	0.003	194.3	0.0204	977.50	-0.003	188.3	0.0621
977.53	0	193.9	0.016	977.53	-0.003	188.3	0.055
977.57	-0.002	193.7	0.0124	977.57	-0.004	188	0.0479
977.60	-0.004	193.5	0.0089	977.62	-0.01	187.1	0.0399
977.63	-0.006	193.2	0.0089	977.65	-0.01	187.1	0.0355
977.67	-0.008	192.9	0.0044	977.68	-0.012	186.6	0.0275
977.70	-0.008	192.9	0.0018	977.70	-0.016	186.1	0.0204
977.73	-0.009	192.7	-0.0018	977.73	-0.018	185.7	0.0142
977.77	-0.011	192.4	-0.0044	977.77	-0.019	185.4	0.0089
977.80	-0.012	192.2	-0.0071	977.80	-0.023	184.9	0.0089
977.83	-0.013	192	-0.0098	977.83	-0.024	184.5	0.0027
977.87	-0.015	191.7	-0.0115	977.87	-0.024	184.5	-0.0009
977.90	-0.016	191.5	-0.0115	977.90	-0.025	184.2	-0.0053
977.93	-0.016	191.5	-0.0133	977.93	-0.026	183.8	-0.008
977.97	-0.016	191.4	-0.0142	977.97	-0.028	183.5	-0.0107
978.00	-0.016	191.2	-0.0151	978.00	-0.028	183.3	-0.0124
978.03	-0.017	191	-0.016	978.03	-0.028	183.1	-0.0124
978.07	-0.017	190.9	-0.0169	978.07	-0.029	182.9	-0.0133
978.10	-0.017	190.8	-0.0169	978.10	-0.029	182.9	-0.0142
978.13	-0.017	190.7	-0.0169	978.13	-0.029	182.7	-0.0151
978.17	-0.017	190.7	-0.0169	978.17	-0.029	182.6	-0.0151
978.20	-0.017	190.6	-0.0169	978.20	-0.028	182.5	-0.0142
978.23	-0.016	190.6	-0.016	978.23	-0.027	182.4	-0.0124
978.27	-0.015	190.6	-0.0151	978.27	-0.025	182.5	-0.0124

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
978.30	-0.014	190.5	-0.0133	978.30	-0.023	182.5	-0.0107
978.33	-0.014	190.6	-0.0124	978.33	-0.023	182.5	-0.0089
978.37	-0.012	190.6	-0.0124	978.37	-0.022	182.5	-0.0062
978.40	-0.011	190.6	-0.0107	978.40	-0.02	182.6	-0.0027
978.43	-0.011	190.6	-0.0089	978.43	-0.017	182.8	0
978.47	-0.009	190.8	-0.0062	978.47	-0.016	182.9	0.0044
978.50	-0.007	190.9	-0.0036	978.50	-0.013	183.2	0.0098
978.53	-0.006	191	-0.0009	978.53	-0.009	183.4	0.0098
978.57	-0.004	191.2	0.0027	978.57	-0.008	183.4	0.0151
978.60	-0.001	191.3	0.0027	978.60	-0.008	183.6	0.0195
978.65	0	191.5	0.008	978.63	-0.005	184	0.0275
978.68	0.001	191.6	0.0107	978.67	0	184.3	0.0355
978.72	0.004	191.8	0.0107	978.70	0.001	184.6	0.0417
978.73	0.005	191.8	0.0151	978.73	0.004	185.1	0.0497
978.77	0.005	192	0.0186	978.77	0.009	185.5	0.0497
978.80	0.007	192.3	0.0222	978.80	0.011	185.5	0.0586
978.83	0.011	192.5	0.0275	978.83	0.011	185.8	0.0648
978.87	0.012	192.7	0.0311	978.87	0.014	186.3	0.0728
978.90	0.013	193	0.0346	978.90	0.018	186.7	0.0817
978.93	0.016	193.2	0.0346	978.93	0.02	187.1	0.0879
978.97	0.017	193.2	0.0382	978.97	0.022	187.6	0.0959
979.00	0.017	193.4	0.0408	979.00	0.027	188	0.0959
979.03	0.019	193.7	0.0453	979.03	0.028	188	0.1039
979.07	0.022	194	0.0488	979.08	0.03	188.7	0.1127
979.10	0.023	194.2	0.0506	979.12	0.032	189.1	0.1127
979.13	0.023	194.4	0.0533	979.13	0.033	189.1	0.1172
979.17	0.025	194.6	0.0533	979.17	0.033	189.4	0.1225
979.20	0.026	194.8	0.0559	979.20	0.035	189.8	0.1269
979.23	0.026	194.8	0.0577	979.23	0.038	190.1	0.1314
979.27	0.027	195	0.0586	979.27	0.038	190.4	0.1331
979.30	0.027	195.2	0.0604	979.30	0.038	190.7	0.1358
979.33	0.029	195.4	0.0621	979.33	0.04	190.9	0.1358
979.37	0.029	195.6	0.0621	979.37	0.04	190.9	0.1385
979.40	0.029	195.7	0.0621	979.40	0.04	191.2	0.1394
979.43	0.029	195.8	0.063	979.43	0.04	191.3	0.1402
979.47	0.029	195.8	0.063	979.47	0.04	191.5	0.1402
979.50	0.028	195.9	0.063	979.50	0.04	191.6	0.1402
979.53	0.028	196	0.063	979.53	0.04	191.7	0.1402
979.57	0.028	196.1	0.0621	979.57	0.039	191.8	0.1402
979.60	0.027	196.1	0.0612	979.60	0.037	191.8	0.1394
979.63	0.026	196.1	0.0612	979.63	0.037	191.8	0.1367
979.67	0.024	196.1	0.0595	979.67	0.035	191.8	0.134
979.70	0.024	196.1	0.0577	979.70	0.033	191.8	0.1314
979.73	0.024	196.1	0.0559	979.73	0.031	191.7	0.1287
979.77	0.022	196	0.0541	979.77	0.03	191.6	0.1243
979.80	0.02	195.9	0.0515	979.80	0.026	191.4	0.1243
979.83	0.019	195.8	0.0488	979.83	0.024	191.4	0.1198
979.87	0.017	195.6	0.0462	979.87	0.024	191.3	0.1163
979.90	0.014	195.5	0.0462	979.90	0.022	191	0.1101
979.93	0.014	195.5	0.0435	979.93	0.017	190.7	0.1039
979.97	0.013	195.4	0.0399	979.97	0.015	190.5	0.0985
980.00	0.011	195.1	0.0364	980.00	0.013	190.2	0.0905
980.03	0.008	194.9	0.0328	980.03	0.008	189.7	0.0905
980.07	0.007	194.7	0.0293	980.07	0.006	189.4	0.0826
980.12	0.005	194.5	0.0249	980.10	0.006	189.4	0.0763
980.15	0.003	194.3	0.0231	980.13	0.004	189.1	0.0683
980.17	0.002	194.1	0.0195	980.17	-0.001	188.5	0.0586
980.20	0	193.8	0.0151	980.20	-0.004	188.1	0.0524
980.23	-0.004	193.6	0.0151	980.23	-0.006	187.8	0.0453
980.27	-0.005	193.6	0.0107	980.27	-0.01	187.2	0.0453
980.30	-0.005	193.3	0.008	980.30	-0.012	186.7	0.0364
980.33	-0.006	193	0.0044	980.33	-0.012	186.7	0.0302
980.37	-0.009	192.8	0	980.37	-0.014	186.3	0.0222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
980.40	-0.01	192.6	-0.0027	980.40	-0.018	185.8	0.0142
980.43	-0.011	192.3	-0.0053	980.43	-0.02	185.4	0.0098
980.47	-0.013	192	-0.0053	980.47	-0.021	185.1	0.0044
980.50	-0.014	192	-0.008	980.50	-0.024	184.6	0.0044
980.53	-0.014	191.9	-0.0098	980.55	-0.025	184.3	-0.0044
980.57	-0.015	191.6	-0.0115	980.58	-0.025	184	-0.0062
980.60	-0.016	191.4	-0.0133	980.60	-0.027	183.7	-0.0062
980.63	-0.016	191.3	-0.0142	980.63	-0.028	183.4	-0.0089
980.67	-0.017	191.1	-0.0151	980.67	-0.028	183.4	-0.0115
980.70	-0.017	190.9	-0.0151	980.70	-0.028	183.2	-0.0133
980.73	-0.017	190.9	-0.016	980.73	-0.029	183	-0.0142
980.77	-0.017	190.8	-0.0169	980.77	-0.029	182.8	-0.0151
980.80	-0.017	190.7	-0.0169	980.80	-0.029	182.6	-0.0151
980.83	-0.017	190.6	-0.0169	980.83	-0.028	182.5	-0.0151
980.87	-0.016	190.6	-0.016	980.87	-0.027	182.4	-0.0142
980.90	-0.016	190.5	-0.0151	980.90	-0.027	182.4	-0.0142
980.93	-0.015	190.5	-0.0151	980.93	-0.027	182.4	-0.0124
980.97	-0.014	190.5	-0.0142	980.97	-0.025	182.4	-0.0098
981.00	-0.014	190.5	-0.0133	981.00	-0.022	182.5	-0.0071
981.03	-0.013	190.6	-0.0115	981.03	-0.022	182.5	-0.0053
981.07	-0.011	190.6	-0.0089	981.07	-0.02	182.6	-0.0018
981.10	-0.01	190.7	-0.0071	981.10	-0.016	182.8	-0.0018
981.13	-0.009	190.7	-0.0053	981.13	-0.015	182.8	0.0018
981.17	-0.006	190.9	-0.0053	981.17	-0.015	182.9	0.0062
981.20	-0.005	191	-0.0027	981.20	-0.013	183.2	0.0107
981.23	-0.005	191	0	981.23	-0.008	183.5	0.0169
981.27	-0.003	191.2	0.0036	981.27	-0.007	183.7	0.0222
981.30	0	191.4	0.008	981.30	-0.004	184.1	0.0311
981.33	0.001	191.5	0.0107	981.33	0.001	184.5	0.0311
981.37	0.003	191.7	0.0151	981.37	0.003	184.5	0.0391
981.40	0.006	192	0.0151	981.40	0.003	184.7	0.0453
981.43	0.008	192.2	0.0186	981.43	0.005	185.2	0.0533
981.47	0.008	192.2	0.0222	981.47	0.011	185.6	0.0612
981.50	0.009	192.4	0.0257	981.50	0.012	185.9	0.0683
981.55	0.013	192.9	0.0311	981.53	0.015	186.4	0.0763
981.58	0.013	192.9	0.0328	981.57	0.02	186.9	0.0763
981.62	0.014	193.1	0.0373	981.60	0.021	186.9	0.0843
981.63	0.017	193.4	0.0408	981.63	0.021	187.3	0.0914
981.67	0.019	193.6	0.0435	981.67	0.023	187.7	0.0985
981.70	0.019	193.8	0.0462	981.70	0.028	188.2	0.1065
981.73	0.021	194.1	0.0497	981.73	0.029	188.5	0.1118
981.77	0.024	194.3	0.0497	981.77	0.03	188.9	0.1172
981.80	0.024	194.3	0.0524	981.80	0.034	189.3	0.1172
981.83	0.024	194.5	0.0541	981.83	0.035	189.3	0.1225
981.87	0.025	194.7	0.0568	981.87	0.035	189.6	0.126
981.90	0.027	194.9	0.0586	981.90	0.036	190	0.1296
981.93	0.027	195.1	0.0604	981.93	0.039	190.3	0.134
981.97	0.028	195.3	0.0612	981.98	0.039	190.5	0.1358
982.00	0.028	195.5	0.0612	982.02	0.039	190.8	0.1367
982.03	0.029	195.5	0.0621	982.05	0.04	191	0.1385
982.07	0.029	195.7	0.063	982.07	0.04	191.2	0.1394
982.10	0.029	195.8	0.063	982.10	0.04	191.4	0.1402
982.13	0.029	195.9	0.063	982.13	0.04	191.5	0.1402
982.17	0.028	196	0.063	982.17	0.04	191.5	0.1402
982.20	0.028	196.1	0.063	982.20	0.04	191.7	0.1402
982.23	0.027	196.1	0.063	982.23	0.039	191.8	0.1394
982.27	0.027	196.1	0.0621	982.27	0.038	191.8	0.1376
982.30	0.027	196.1	0.0612	982.30	0.036	191.8	0.1358
982.33	0.026	196.1	0.0595	982.33	0.035	191.8	0.1331
982.37	0.024	196.1	0.0577	982.37	0.032	191.7	0.1331
982.40	0.023	196.1	0.0559	982.40	0.03	191.7	0.1296
982.43	0.022	196	0.0533	982.43	0.03	191.6	0.1269
982.47	0.019	195.9	0.0533	982.47	0.029	191.5	0.1225

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
982.50	0.018	195.9	0.0506	982.50	0.025	191.3	0.1181
982.53	0.018	195.8	0.0488	982.53	0.023	191.1	0.1136
982.57	0.017	195.6	0.0453	982.57	0.021	190.9	0.1074
982.60	0.013	195.4	0.0417	982.60	0.016	190.5	0.1074
982.63	0.012	195.3	0.0391	982.63	0.014	190.3	0.1003
982.67	0.011	195.1	0.0355	982.67	0.014	190.3	0.095
982.70	0.007	194.8	0.0355	982.70	0.012	190	0.0879
982.73	0.006	194.8	0.0311	982.73	0.007	189.5	0.079
982.77	0.006	194.7	0.0284	982.77	0.004	189.2	0.0728
982.80	0.005	194.5	0.024	982.80	0.002	188.8	0.0648
982.83	0.001	194.2	0.0186	982.83	-0.003	188.3	0.0648
982.87	0	194	0.016	982.87	-0.006	187.9	0.0559
982.90	-0.002	193.7	0.0115	982.90	-0.006	187.9	0.0488
982.93	-0.005	193.4	0.0115	982.93	-0.007	187.6	0.0417
982.97	-0.006	193.2	0.008	982.97	-0.011	187	0.0328
983.02	-0.007	192.9	0.0027	983.00	-0.014	186.5	0.0257
983.05	-0.009	192.7	0.0027	983.03	-0.015	186.1	0.0186
983.07	-0.01	192.5	0	983.07	-0.019	185.6	0.0186
983.10	-0.01	192.5	-0.0036	983.10	-0.021	185.2	0.0115
983.13	-0.011	192.2	-0.0062	983.13	-0.021	185.2	0.0071
983.17	-0.013	192	-0.0089	983.17	-0.022	184.9	0.0018
983.20	-0.015	191.8	-0.0107	983.20	-0.024	184.4	-0.0018
983.23	-0.015	191.6	-0.0124	983.23	-0.026	184.1	-0.0053
983.27	-0.016	191.4	-0.0124	983.27	-0.026	183.8	-0.008
983.30	-0.017	191.2	-0.0142	983.30	-0.027	183.5	-0.008
983.33	-0.017	191.2	-0.0151	983.33	-0.029	183.2	-0.0107
983.37	-0.017	191	-0.016	983.37	-0.029	183.2	-0.0124
983.40	-0.017	190.9	-0.016	983.40	-0.029	183	-0.0142
983.43	-0.017	190.8	-0.0169	983.45	-0.029	182.6	-0.0142
983.47	-0.017	190.7	-0.0169	983.48	-0.028	182.6	-0.0151
983.50	-0.017	190.6	-0.016	983.50	-0.028	182.5	-0.0151
983.53	-0.016	190.6	-0.016	983.53	-0.028	182.4	-0.0151
983.57	-0.016	190.6	-0.016	983.57	-0.027	182.4	-0.0133
983.60	-0.016	190.5	-0.0151	983.60	-0.026	182.3	-0.0124
983.63	-0.015	190.5	-0.0142	983.63	-0.025	182.4	-0.0098
983.67	-0.013	190.5	-0.0124	983.67	-0.022	182.5	-0.0098
983.70	-0.012	190.5	-0.0107	983.70	-0.021	182.5	-0.0071
983.73	-0.011	190.6	-0.0089	983.73	-0.021	182.5	-0.0044
983.77	-0.009	190.7	-0.0089	983.77	-0.019	182.6	-0.0009
983.80	-0.008	190.7	-0.0071	983.80	-0.015	182.9	0.0036
983.83	-0.008	190.8	-0.0044	983.83	-0.014	183	0.008
983.87	-0.007	191	-0.0018	983.87	-0.011	183.3	0.0133
983.90	-0.003	191.1	0.0018	983.90	-0.007	183.6	0.0133
983.93	-0.002	191.2	0.0053	983.93	-0.006	183.6	0.0195
983.97	-0.001	191.4	0.008	983.97	-0.006	183.8	0.0257
984.00	0.003	191.6	0.008	984.00	-0.002	184.2	0.0337
984.03	0.004	191.6	0.0124	984.03	0.003	184.6	0.0417
984.07	0.004	191.8	0.0151	984.07	0.004	184.8	0.0488
984.10	0.005	192	0.0186	984.10	0.007	185.3	0.0568
984.13	0.009	192.3	0.0231	984.13	0.012	185.8	0.0568
984.17	0.01	192.5	0.0275	984.17	0.013	185.8	0.0648
984.20	0.012	192.8	0.032	984.20	0.013	186.1	0.071
984.23	0.015	193	0.032	984.23	0.016	186.6	0.0799
984.27	0.016	193	0.0364	984.27	0.021	187.1	0.0879
984.30	0.016	193.2	0.0391	984.30	0.022	187.4	0.0941
984.33	0.017	193.5	0.0426	984.33	0.025	187.9	0.1012
984.37	0.021	193.8	0.0462	984.37	0.029	188.3	0.1012
984.40	0.021	194	0.0488	984.40	0.03	188.3	0.1092
984.43	0.022	194.2	0.0515	984.43	0.03	188.7	0.1145
984.48	0.024	194.5	0.0541	984.47	0.032	189.1	0.1189
984.52	0.025	194.6	0.055	984.50	0.035	189.4	0.1243
984.53	0.026	194.8	0.0577	984.53	0.036	189.7	0.1278
984.57	0.027	195	0.0577	984.57	0.037	190.1	0.1314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
984.60	0.027	195	0.0595	984.60	0.039	190.4	0.1314
984.63	0.027	195.2	0.0604	984.63	0.039	190.4	0.1349
984.67	0.028	195.4	0.0612	984.67	0.039	190.6	0.1367
984.70	0.029	195.6	0.0621	984.70	0.04	190.9	0.1385
984.73	0.029	195.7	0.063	984.73	0.04	191.1	0.1394
984.77	0.029	195.8	0.063	984.77	0.04	191.3	0.1402
984.80	0.029	195.9	0.063	984.80	0.04	191.4	0.1402
984.83	0.029	195.9	0.063	984.83	0.04	191.6	0.1402
984.87	0.029	196	0.063	984.88	0.04	191.7	0.1402
984.90	0.028	196.1	0.0621	984.92	0.039	191.8	0.1394
984.93	0.027	196.1	0.0612	984.95	0.037	191.8	0.1394
984.97	0.026	196.1	0.0604	984.97	0.035	191.8	0.1367
985.00	0.025	196.1	0.0577	985.00	0.035	191.8	0.1349
985.03	0.023	196	0.0577	985.03	0.034	191.8	0.1323
985.07	0.022	196	0.0559	985.07	0.032	191.6	0.1287
985.10	0.022	196	0.055	985.10	0.029	191.5	0.1252
985.13	0.021	196	0.0524	985.13	0.027	191.4	0.1207
985.17	0.019	195.8	0.0497	985.17	0.024	191.2	0.1207
985.20	0.017	195.7	0.047	985.20	0.021	191	0.1163
985.23	0.016	195.6	0.0435	985.23	0.021	191	0.111
985.27	0.013	195.3	0.0435	985.27	0.019	190.8	0.1047
985.30	0.011	195.2	0.0399	985.30	0.016	190.4	0.0985
985.33	0.011	195.2	0.0373	985.33	0.012	190.1	0.0923
985.37	0.01	195	0.0337	985.37	0.01	189.8	0.0843
985.40	0.007	194.7	0.0293	985.40	0.006	189.3	0.0843
985.43	0.005	194.6	0.0257	985.43	0.002	189	0.0754
985.47	0.003	194.3	0.0222	985.47	0.002	189	0.0683
985.50	0.001	194	0.0178	985.50	0.001	188.6	0.0612
985.53	-0.002	193.8	0.0178	985.53	-0.003	188.1	0.0533
985.57	-0.002	193.8	0.0142	985.57	-0.007	187.7	0.0453
985.60	-0.003	193.6	0.0107	985.60	-0.008	187.4	0.0382
985.63	-0.005	193.3	0.0062	985.63	-0.012	186.7	0.0302
985.67	-0.007	193	0.0027	985.67	-0.015	186.3	0.0302
985.70	-0.008	192.8	-0.0009	985.70	-0.015	186.3	0.0222
985.73	-0.01	192.5	-0.0036	985.73	-0.016	185.9	0.0169
985.77	-0.012	192.3	-0.0036	985.77	-0.019	185.4	0.0098
985.80	-0.012	192.3	-0.0062	985.80	-0.022	185	0.0044
985.83	-0.013	192.1	-0.0089	985.83	-0.023	184.7	0.0009
985.87	-0.014	191.8	-0.0107	985.87	-0.024	184.3	-0.0036
985.92	-0.015	191.6	-0.0124	985.90	-0.027	183.9	-0.0036
985.95	-0.015	191.4	-0.0133	985.93	-0.027	183.9	-0.0071
985.98	-0.016	191.2	-0.0151	985.97	-0.027	183.7	-0.0098
986.00	-0.017	191.1	-0.016	986.00	-0.028	183.4	-0.0115
986.03	-0.017	190.9	-0.016	986.03	-0.028	183.1	-0.0142
986.07	-0.017	190.8	-0.0169	986.07	-0.029	182.9	-0.0142
986.10	-0.017	190.7	-0.0169	986.10	-0.029	182.7	-0.0151
986.13	-0.017	190.7	-0.0169	986.13	-0.029	182.6	-0.0151
986.17	-0.017	190.6	-0.0169	986.17	-0.028	182.6	-0.016
986.20	-0.017	190.5	-0.016	986.20	-0.028	182.4	-0.0151
986.23	-0.016	190.5	-0.016	986.23	-0.027	182.4	-0.0133
986.27	-0.015	190.5	-0.0142	986.27	-0.025	182.4	-0.0115
986.30	-0.015	190.5	-0.0133	986.30	-0.025	182.4	-0.0107
986.33	-0.013	190.5	-0.0133	986.35	-0.023	182.5	-0.008
986.37	-0.012	190.5	-0.0115	986.38	-0.021	182.5	-0.0062
986.40	-0.012	190.5	-0.0107	986.40	-0.02	182.5	-0.0036
986.43	-0.011	190.6	-0.0089	986.43	-0.018	182.7	0.0009
986.47	-0.008	190.7	-0.0053	986.47	-0.014	182.9	0.0009
986.50	-0.007	190.8	-0.0036	986.50	-0.013	182.9	0.0053
986.53	-0.006	190.9	-0.0009	986.53	-0.013	183.1	0.0089
986.57	-0.002	191.2	-0.0009	986.57	-0.011	183.4	0.0151
986.60	-0.002	191.3	0.0036	986.60	-0.006	183.7	0.0222
986.63	-0.002	191.3	0.0053	986.63	-0.004	183.9	0.0293
986.67	0	191.4	0.0089	986.67	-0.001	184.3	0.0364

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
986.70	0.003	191.7	0.0133	986.70	0.004	184.7	0.0364
986.73	0.005	191.9	0.0169	986.73	0.005	184.7	0.0453
986.77	0.006	192.1	0.0204	986.77	0.005	185	0.0515
986.80	0.009	192.4	0.0204	986.80	0.008	185.5	0.0595
986.83	0.011	192.6	0.0249	986.83	0.014	185.9	0.0683
986.87	0.011	192.6	0.0293	986.87	0.015	186.2	0.0737
986.90	0.012	192.8	0.0328	986.90	0.017	186.7	0.0826
986.93	0.015	193.1	0.0364	986.93	0.022	187.2	0.0826
986.97	0.018	193.4	0.0408	986.97	0.024	187.2	0.0914
987.00	0.019	193.5	0.0444	987.00	0.024	187.6	0.0976
987.03	0.021	193.8	0.0444	987.03	0.026	188	0.1039
987.07	0.022	194.1	0.047	987.07	0.03	188.4	0.111
987.10	0.022	194.1	0.0497	987.10	0.031	188.8	0.1163
987.13	0.023	194.3	0.0524	987.13	0.032	189.2	0.1207
987.17	0.024	194.5	0.0541	987.17	0.036	189.5	0.1207
987.20	0.026	194.7	0.0568	987.20	0.036	189.5	0.126
987.23	0.026	194.9	0.0586	987.23	0.036	189.8	0.1296
987.27	0.027	195.1	0.0604	987.27	0.038	190.2	0.1331
987.30	0.028	195.3	0.0604	987.30	0.039	190.5	0.1358
987.33	0.028	195.3	0.0612	987.33	0.04	190.7	0.1376
987.38	0.029	195.7	0.0621	987.37	0.04	190.9	0.1385
987.42	0.029	195.8	0.0621	987.40	0.04	191.2	0.1385
987.43	0.029	195.8	0.063	987.43	0.04	191.2	0.1394
987.47	0.029	195.9	0.063	987.47	0.04	191.3	0.1402
987.50	0.029	196	0.063	987.50	0.04	191.4	0.1402
987.53	0.029	196.1	0.063	987.53	0.039	191.6	0.1402
987.57	0.027	196.1	0.0621	987.57	0.039	191.7	0.1394
987.60	0.027	196.1	0.0612	987.60	0.038	191.7	0.1367
987.63	0.025	196.1	0.0612	987.63	0.035	191.7	0.1367
987.67	0.025	196.1	0.0595	987.67	0.033	191.7	0.1349
987.70	0.025	196.1	0.0577	987.70	0.033	191.7	0.1323
987.73	0.024	196	0.0559	987.73	0.033	191.6	0.1296
987.77	0.021	196	0.0541	987.78	0.028	191.4	0.126
987.80	0.02	195.9	0.0515	987.82	0.028	191.4	0.1234
987.83	0.019	195.8	0.0488	987.85	0.026	191.3	0.1189
987.87	0.016	195.6	0.0488	987.87	0.023	191	0.1136
987.90	0.015	195.6	0.0453	987.90	0.02	190.8	0.1092
987.93	0.015	195.5	0.0426	987.93	0.018	190.6	0.103
987.97	0.013	195.3	0.0399	987.97	0.014	190.2	0.103
988.00	0.01	195.1	0.0355	988.00	0.011	189.9	0.095
988.03	0.009	194.9	0.0328	988.03	0.011	189.9	0.0888
988.07	0.007	194.7	0.0284	988.07	0.009	189.6	0.0817
988.10	0.004	194.4	0.0284	988.10	0.004	189.1	0.0728
988.13	0.002	194.4	0.024	988.13	0.001	188.8	0.0657
988.17	0.002	194.2	0.0204	988.17	-0.001	188.4	0.0577
988.20	0.001	194	0.0169	988.20	-0.005	187.9	0.0577
988.23	-0.003	193.7	0.0124	988.23	-0.008	187.5	0.0488
988.27	-0.004	193.5	0.0089	988.27	-0.008	187.5	0.0426
988.30	-0.005	193.2	0.0053	988.30	-0.01	187.1	0.0346
988.33	-0.008	192.9	0.0053	988.33	-0.013	186.4	0.0257
988.37	-0.009	192.9	0.0018	988.37	-0.016	186.1	0.0204
988.40	-0.009	192.7	-0.0009	988.40	-0.017	185.7	0.0142
988.43	-0.01	192.5	-0.0044	988.43	-0.02	185.2	0.0142
988.47	-0.013	192.2	-0.008	988.47	-0.023	184.8	0.008
988.50	-0.014	192	-0.0089	988.50	-0.023	184.8	0.0027
988.53	-0.014	191.8	-0.0107	988.53	-0.023	184.5	-0.0009
988.57	-0.015	191.5	-0.0107	988.57	-0.025	184.1	-0.0053
988.60	-0.016	191.3	-0.0133	988.60	-0.027	183.8	-0.008
988.63	-0.016	191.3	-0.0142	988.63	-0.027	183.5	-0.0098
988.67	-0.016	191.2	-0.0151	988.67	-0.028	183.2	-0.0124
988.70	-0.017	191	-0.016	988.70	-0.029	183	-0.0124
988.73	-0.017	190.9	-0.0169	988.73	-0.029	183	-0.0142
988.77	-0.017	190.8	-0.0169	988.77	-0.029	182.8	-0.0142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
988.82	-0.017	190.7	-0.0169	988.80	-0.029	182.6	-0.0151
988.85	-0.017	190.6	-0.0169	988.83	-0.028	182.5	-0.0151
988.88	-0.016	190.5	-0.016	988.87	-0.028	182.4	-0.0142
988.90	-0.016	190.5	-0.016	988.90	-0.027	182.4	-0.0124
988.93	-0.015	190.5	-0.016	988.93	-0.025	182.4	-0.0124
988.97	-0.015	190.5	-0.0151	988.97	-0.024	182.4	-0.0107
989.00	-0.014	190.5	-0.0133	989.00	-0.024	182.4	-0.0089
989.03	-0.013	190.5	-0.0115	989.03	-0.022	182.5	-0.0062
989.07	-0.011	190.6	-0.0098	989.07	-0.019	182.6	-0.0027
989.10	-0.01	190.6	-0.0071	989.10	-0.018	182.6	0
989.13	-0.008	190.8	-0.0071	989.13	-0.016	182.9	0.0044
989.17	-0.006	190.9	-0.0044	989.17	-0.012	183.1	0.0044
989.20	-0.006	190.9	-0.0027	989.20	-0.01	183.1	0.0098
989.23	-0.005	191	0.0009	989.25	-0.008	183.5	0.0186
989.27	-0.002	191.2	0.0044	989.28	-0.006	183.8	0.0186
989.30	0	191.4	0.0071	989.30	-0.003	183.8	0.0231
989.33	0.001	191.5	0.0107	989.33	-0.003	184.1	0.0311
989.37	0.004	191.8	0.0107	989.37	-0.001	184.5	0.0399
989.40	0.006	192	0.0142	989.40	0.005	184.9	0.0479
989.43	0.006	192	0.0178	989.43	0.007	185.2	0.055
989.47	0.007	192.2	0.0222	989.47	0.009	185.6	0.063
989.50	0.01	192.5	0.0275	989.50	0.015	186	0.063
989.53	0.013	192.7	0.0311	989.53	0.016	186	0.071
989.57	0.013	192.9	0.0337	989.57	0.016	186.4	0.0772
989.60	0.015	193.2	0.0382	989.60	0.018	186.8	0.0861
989.63	0.018	193.4	0.0382	989.63	0.023	187.4	0.0941
989.67	0.018	193.4	0.0417	989.67	0.025	187.7	0.1003
989.70	0.019	193.7	0.0453	989.70	0.027	188.1	0.1074
989.73	0.021	194	0.0488	989.73	0.031	188.6	0.1074
989.77	0.023	194.2	0.0506	989.77	0.032	188.9	0.1136
989.80	0.024	194.4	0.0533	989.80	0.032	188.9	0.1181
989.83	0.025	194.6	0.055	989.83	0.033	189.3	0.1243
989.87	0.026	194.8	0.055	989.87	0.036	189.7	0.1287
989.90	0.027	194.8	0.0577	989.90	0.037	190	0.1314
989.93	0.027	195	0.0586	989.93	0.038	190.3	0.134
989.97	0.027	195.2	0.0604	989.97	0.039	190.6	0.134
990.00	0.028	195.4	0.0612	990.00	0.04	190.8	0.1367
990.03	0.029	195.5	0.0621	990.03	0.04	190.8	0.1385
990.07	0.029	195.7	0.0621	990.07	0.04	191	0.1394
990.10	0.029	195.8	0.0621	990.10	0.04	191.2	0.1402
990.13	0.028	195.8	0.0621	990.13	0.04	191.4	0.1402
990.17	0.028	195.9	0.0621	990.17	0.04	191.5	0.1402
990.20	0.028	196	0.0621	990.20	0.04	191.7	0.1402
990.23	0.028	196	0.0621	990.23	0.038	191.7	0.1402
990.28	0.027	196.1	0.0604	990.27	0.038	191.7	0.1385
990.32	0.026	196.1	0.0604	990.30	0.037	191.8	0.1367
990.33	0.025	196.1	0.0586	990.33	0.035	191.7	0.134
990.37	0.024	196.1	0.0577	990.37	0.032	191.6	0.1314
990.40	0.023	196	0.055	990.40	0.031	191.6	0.1287
990.43	0.021	195.9	0.055	990.43	0.03	191.4	0.1252
990.47	0.019	195.9	0.0524	990.47	0.025	191.3	0.1252
990.50	0.019	195.9	0.0506	990.50	0.024	191.3	0.1198
990.53	0.018	195.8	0.047	990.53	0.024	191.2	0.1154
990.57	0.015	195.6	0.0444	990.57	0.022	190.8	0.1101
990.60	0.013	195.4	0.0408	990.60	0.017	190.6	0.1039
990.63	0.012	195.2	0.0382	990.63	0.016	190.4	0.0985
990.67	0.01	195	0.0382	990.67	0.013	190	0.0905
990.70	0.007	194.8	0.0346	990.72	0.007	189.6	0.0826
990.73	0.007	194.8	0.0311	990.75	0.007	189.4	0.0781
990.77	0.006	194.6	0.0275	990.77	0.005	188.9	0.0701
990.80	0.003	194.3	0.0213	990.80	-0.001	188.5	0.0701
990.83	0.001	194.1	0.0186	990.83	-0.002	188.5	0.0621
990.87	0	193.9	0.016	990.87	-0.002	188.2	0.0559

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
990.90	-0.003	193.6	0.016	990.90	-0.005	187.7	0.0479
990.93	-0.005	193.3	0.0115	990.93	-0.01	187.2	0.0382
990.97	-0.005	193.3	0.008	990.97	-0.011	186.8	0.0328
991.00	-0.006	193.1	0.0044	991.00	-0.013	186.3	0.024
991.03	-0.008	192.8	0	991.03	-0.017	185.9	0.024
991.07	-0.01	192.6	-0.0027	991.07	-0.019	185.9	0.0178
991.10	-0.011	192.3	-0.0053	991.10	-0.019	185.5	0.0124
991.13	-0.012	192.1	-0.008	991.13	-0.02	185.1	0.0071
991.17	-0.014	191.8	-0.008	991.17	-0.024	184.6	0.0009
991.20	-0.015	191.8	-0.0098	991.20	-0.024	184.3	-0.0018
991.23	-0.015	191.7	-0.0115	991.23	-0.025	183.9	-0.0062
991.27	-0.015	191.5	-0.0133	991.27	-0.028	183.6	-0.0062
991.30	-0.017	191.3	-0.0151	991.30	-0.028	183.6	-0.0098
991.33	-0.017	191.1	-0.016	991.33	-0.028	183.4	-0.0107
991.37	-0.017	191	-0.0169	991.37	-0.028	183.2	-0.0124
991.40	-0.017	190.8	-0.0169	991.40	-0.029	182.9	-0.0142
991.43	-0.017	190.8	-0.0169	991.43	-0.029	182.7	-0.0142
991.47	-0.017	190.7	-0.0169	991.47	-0.029	182.6	-0.0142
991.50	-0.017	190.6	-0.0169	991.50	-0.028	182.5	-0.0142
991.53	-0.017	190.6	-0.0169	991.53	-0.027	182.5	-0.0142
991.57	-0.016	190.5	-0.016	991.57	-0.027	182.4	-0.0133
991.60	-0.015	190.5	-0.0142	991.60	-0.027	182.3	-0.0115
991.63	-0.014	190.5	-0.0142	991.63	-0.024	182.4	-0.0098
991.67	-0.013	190.5	-0.0133	991.67	-0.023	182.4	-0.008
991.72	-0.012	190.5	-0.0115	991.70	-0.022	182.4	-0.0044
991.75	-0.011	190.6	-0.0115	991.73	-0.018	182.6	-0.0044
991.78	-0.01	190.6	-0.0098	991.77	-0.017	182.6	-0.0018
991.80	-0.01	190.6	-0.0071	991.80	-0.017	182.7	0.0018
991.83	-0.008	190.8	-0.0044	991.83	-0.015	182.9	0.0071
991.87	-0.005	190.9	-0.0009	991.87	-0.011	183.2	0.0124
991.90	-0.004	191	0.0018	991.90	-0.009	183.4	0.0169
991.93	-0.003	191.2	0.0044	991.93	-0.007	183.6	0.024
991.97	0.001	191.4	0.0044	991.97	-0.002	184.1	0.024
992.00	0.002	191.4	0.0089	992.00	0	184.4	0.032
992.03	0.002	191.6	0.0124	992.03	0	184.4	0.0391
992.07	0.004	191.8	0.016	992.07	0.002	184.7	0.0462
992.10	0.007	192.1	0.0204	992.10	0.007	185.2	0.055
992.13	0.008	192.2	0.0231	992.15	0.01	185.5	0.0621
992.17	0.01	192.5	0.0284	992.18	0.011	185.8	0.0666
992.20	0.014	192.8	0.0284	992.22	0.014	186.3	0.0746
992.23	0.014	192.8	0.0328	992.23	0.018	186.6	0.0817
992.27	0.014	193	0.0355	992.27	0.02	187.1	0.0897
992.30	0.016	193.2	0.0399	992.30	0.024	187.6	0.0897
992.33	0.019	193.5	0.0426	992.33	0.026	188	0.0976
992.37	0.02	193.7	0.0462	992.37	0.026	188	0.1039
992.40	0.021	194	0.0488	992.40	0.028	188.3	0.1092
992.43	0.023	194.2	0.0488	992.43	0.031	188.8	0.1163
992.47	0.024	194.2	0.0515	992.47	0.033	189.1	0.1207
992.50	0.024	194.4	0.0533	992.50	0.034	189.5	0.126
992.53	0.025	194.6	0.0568	992.53	0.036	189.8	0.126
992.57	0.027	194.9	0.0586	992.57	0.038	190.2	0.1296
992.60	0.027	195	0.0595	992.60	0.038	190.2	0.1331
992.63	0.028	195.2	0.0612	992.63	0.038	190.4	0.1349
992.67	0.028	195.4	0.0612	992.67	0.039	190.7	0.1376
992.70	0.029	195.6	0.0621	992.70	0.04	190.9	0.1394
992.73	0.029	195.6	0.0621	992.73	0.04	191.2	0.1402
992.77	0.029	195.7	0.063	992.77	0.04	191.3	0.1402
992.80	0.029	195.8	0.063	992.80	0.04	191.5	0.1402
992.83	0.029	195.9	0.063	992.83	0.04	191.5	0.1402
992.87	0.028	196	0.063	992.87	0.04	191.6	0.1402
992.90	0.028	196	0.063	992.90	0.039	191.7	0.1402
992.93	0.026	196	0.0612	992.93	0.037	191.7	0.1385
992.97	0.026	196	0.0604	992.97	0.036	191.7	0.1367

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
993.00	0.025	196.1	0.0586	993.00	0.035	191.7	0.134
993.03	0.024	196	0.0568	993.03	0.032	191.6	0.134
993.07	0.022	196	0.055	993.07	0.031	191.6	0.1305
993.10	0.022	195.9	0.0533	993.10	0.031	191.6	0.1278
993.13	0.02	195.8	0.0506	993.13	0.029	191.4	0.1234
993.18	0.017	195.7	0.0479	993.17	0.024	191.2	0.1181
993.22	0.017	195.6	0.0462	993.20	0.023	191	0.1136
993.23	0.015	195.4	0.0426	993.23	0.021	190.7	0.1074
993.27	0.012	195.3	0.0426	993.27	0.016	190.5	0.1074
993.30	0.012	195.3	0.0399	993.30	0.014	190.5	0.1012
993.33	0.011	195.1	0.0364	993.33	0.014	190.2	0.095
993.37	0.009	194.9	0.0328	993.37	0.012	189.8	0.087
993.40	0.006	194.7	0.0293	993.40	0.006	189.4	0.0781
993.43	0.005	194.5	0.0249	993.43	0.005	189.1	0.0728
993.47	0.003	194.2	0.0213	993.47	0.002	188.6	0.0639
993.50	0	194	0.0213	993.50	-0.003	188.2	0.0639
993.53	-0.001	194	0.0169	993.53	-0.005	188.2	0.0559
993.57	-0.001	193.8	0.0142	993.57	-0.005	187.8	0.0497
993.60	-0.003	193.5	0.0098	993.62	-0.01	187	0.0417
993.63	-0.006	193.2	0.0062	993.65	-0.012	187	0.0364
993.67	-0.007	193	0.0027	993.67	-0.012	186.6	0.0302
993.70	-0.008	192.7	-0.0009	993.70	-0.014	186.1	0.0222
993.73	-0.011	192.4	-0.0009	993.73	-0.018	185.6	0.0151
993.77	-0.011	192.4	-0.0044	993.77	-0.019	185.3	0.0098
993.80	-0.011	192.2	-0.0062	993.80	-0.021	184.8	0.0044
993.83	-0.012	192	-0.0089	993.83	-0.025	184.4	0.0044
993.87	-0.015	191.7	-0.0115	993.87	-0.025	184.4	-0.0009
993.90	-0.015	191.5	-0.0124	993.90	-0.025	184.2	-0.0036
993.93	-0.015	191.4	-0.0133	993.93	-0.026	183.8	-0.0071
993.97	-0.017	191.2	-0.0133	993.97	-0.028	183.5	-0.0098
994.00	-0.017	191.2	-0.0151	994.00	-0.028	183.3	-0.0115
994.03	-0.017	191	-0.016	994.03	-0.029	183	-0.0133
994.07	-0.017	190.9	-0.0169	994.07	-0.029	182.8	-0.0133
994.10	-0.017	190.8	-0.0169	994.10	-0.029	182.8	-0.0142
994.13	-0.017	190.7	-0.0169	994.13	-0.029	182.6	-0.0142
994.17	-0.017	190.6	-0.0169	994.17	-0.029	182.5	-0.0142
994.20	-0.016	190.5	-0.0169	994.20	-0.028	182.4	-0.0142
994.23	-0.015	190.5	-0.016	994.23	-0.027	182.3	-0.0133
994.27	-0.015	190.5	-0.0151	994.27	-0.026	182.3	-0.0115
994.30	-0.015	190.5	-0.0142	994.30	-0.024	182.4	-0.0115
994.33	-0.013	190.5	-0.0124	994.33	-0.022	182.4	-0.0089
994.37	-0.012	190.5	-0.0115	994.37	-0.022	182.4	-0.0062
994.40	-0.012	190.6	-0.0098	994.40	-0.021	182.5	-0.0036
994.43	-0.009	190.7	-0.0098	994.43	-0.017	182.7	0.0009
994.47	-0.008	190.7	-0.008	994.47	-0.016	182.8	0.0036
994.50	-0.008	190.7	-0.0053	994.50	-0.014	183	0.0089
994.53	-0.007	190.9	-0.0018	994.53	-0.01	183.3	0.0089
994.57	-0.004	191.1	0.0018	994.57	-0.007	183.5	0.0151
994.60	-0.002	191.2	0.0044	994.60	-0.007	183.5	0.0204
994.65	-0.001	191.4	0.008	994.63	-0.006	183.7	0.0275
994.68	0.001	191.5	0.0098	994.67	-0.001	184.2	0.0355
994.70	0.003	191.7	0.0133	994.70	0.002	184.5	0.0417
994.73	0.004	191.9	0.0178	994.73	0.004	184.8	0.0497
994.77	0.009	192.2	0.0178	994.77	0.008	185.3	0.0497
994.80	0.009	192.2	0.0213	994.80	0.012	185.7	0.0577
994.83	0.009	192.3	0.0249	994.83	0.012	185.7	0.0657
994.87	0.011	192.6	0.0293	994.87	0.013	186	0.0728
994.90	0.014	192.9	0.0337	994.90	0.018	186.6	0.0817
994.93	0.015	193.1	0.0373	994.93	0.02	187	0.0879
994.97	0.016	193.3	0.0399	994.97	0.022	187.4	0.0959
995.00	0.02	193.6	0.0399	995.00	0.026	187.9	0.0959
995.03	0.02	193.6	0.0444	995.05	0.029	188.3	0.1092
995.07	0.02	193.8	0.047	995.08	0.029	188.5	0.1127

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
995.10	0.022	194	0.0497	995.12	0.031	189	0.1181
995.13	0.024	194.3	0.0533	995.13	0.034	189.3	0.1181
995.17	0.025	194.5	0.055	995.17	0.035	189.3	0.1234
995.20	0.025	194.7	0.0568	995.20	0.035	189.6	0.1269
995.23	0.027	194.9	0.0568	995.23	0.036	190	0.1314
995.27	0.027	195.1	0.0586	995.27	0.039	190.3	0.1349
995.30	0.027	195.1	0.0595	995.30	0.039	190.5	0.1358
995.33	0.028	195.3	0.0612	995.33	0.039	190.8	0.1385
995.37	0.028	195.5	0.0621	995.37	0.04	191	0.1385
995.40	0.029	195.6	0.0621	995.40	0.04	191	0.1402
995.43	0.029	195.8	0.063	995.43	0.04	191.2	0.1402
995.47	0.029	195.8	0.063	995.47	0.04	191.4	0.1402
995.50	0.029	195.9	0.063	995.50	0.04	191.5	0.1402
995.53	0.029	195.9	0.063	995.53	0.04	191.6	0.1402
995.57	0.028	196	0.0621	995.57	0.039	191.7	0.1394
995.60	0.027	196	0.0612	995.60	0.037	191.7	0.1394
995.63	0.026	196	0.0604	995.63	0.036	191.7	0.1376
995.67	0.025	196	0.0586	995.67	0.036	191.7	0.1349
995.70	0.024	196	0.0586	995.70	0.034	191.7	0.1323
995.73	0.022	195.9	0.0568	995.73	0.031	191.6	0.1287
995.77	0.022	195.9	0.0541	995.77	0.03	191.5	0.126
995.80	0.021	195.9	0.0524	995.80	0.027	191.3	0.1216
995.83	0.019	195.7	0.0497	995.83	0.023	191.1	0.1216
995.87	0.016	195.6	0.047	995.87	0.022	191.1	0.1163
995.90	0.016	195.5	0.0435	995.90	0.022	191	0.1118
995.93	0.013	195.3	0.0399	995.93	0.02	190.6	0.1047
995.97	0.01	195.1	0.0399	995.97	0.014	190.3	0.0976
996.00	0.01	195.1	0.0373	996.00	0.013	190.1	0.0923
996.03	0.01	194.9	0.0337	996.03	0.01	189.6	0.0843
996.08	0.006	194.5	0.0302	996.07	0.004	189.2	0.0843
996.12	0.006	194.5	0.0275	996.10	0.003	189.2	0.0754
996.15	0.004	194.4	0.0231	996.13	0.003	188.9	0.0692
996.17	0.002	194	0.0186	996.17	0.001	188.4	0.0612
996.20	-0.001	193.8	0.016	996.20	-0.005	188	0.0524
996.23	-0.002	193.6	0.0124	996.23	-0.006	187.7	0.0462
996.27	-0.004	193.3	0.0089	996.27	-0.008	187.1	0.0382
996.30	-0.007	193.1	0.0089	996.30	-0.013	186.6	0.0382
996.33	-0.008	193.1	0.0044	996.33	-0.014	186.6	0.0293
996.37	-0.008	192.8	0.0018	996.37	-0.014	186.2	0.0231
996.40	-0.009	192.6	-0.0018	996.40	-0.016	185.7	0.016
996.43	-0.012	192.3	-0.0044	996.43	-0.021	185.3	0.0089
996.47	-0.012	192.1	-0.0071	996.47	-0.021	185	0.0062
996.50	-0.013	191.8	-0.0098	996.52	-0.023	184.6	0.0009
996.53	-0.015	191.6	-0.0098	996.55	-0.025	184.3	-0.0018
996.57	-0.015	191.6	-0.0115	996.57	-0.025	184	-0.0044
996.60	-0.015	191.4	-0.0133	996.60	-0.026	183.6	-0.008
996.63	-0.016	191.2	-0.0142	996.63	-0.028	183.3	-0.008
996.67	-0.017	191.1	-0.0151	996.67	-0.028	183.3	-0.0107
996.70	-0.017	190.9	-0.016	996.70	-0.028	183.1	-0.0124
996.73	-0.017	190.8	-0.0169	996.73	-0.029	182.9	-0.0133
996.77	-0.017	190.7	-0.0169	996.77	-0.029	182.6	-0.0142
996.80	-0.017	190.7	-0.0169	996.80	-0.029	182.5	-0.0142
996.83	-0.017	190.6	-0.0169	996.83	-0.028	182.4	-0.0142
996.87	-0.017	190.5	-0.0169	996.87	-0.028	182.3	-0.0142
996.90	-0.016	190.5	-0.016	996.90	-0.026	182.3	-0.0133
996.93	-0.015	190.4	-0.0151	996.93	-0.026	182.3	-0.0124
996.97	-0.015	190.5	-0.0133	996.97	-0.025	182.3	-0.0098
997.00	-0.013	190.5	-0.0133	997.00	-0.023	182.4	-0.008
997.03	-0.012	190.5	-0.0115	997.03	-0.021	182.4	-0.0053
997.07	-0.012	190.5	-0.0098	997.07	-0.02	182.5	-0.0018
997.10	-0.011	190.6	-0.008	997.10	-0.017	182.7	-0.0018
997.13	-0.008	190.7	-0.0053	997.13	-0.014	182.8	0.0027
997.17	-0.007	190.8	-0.0036	997.17	-0.014	182.8	0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
997.20	-0.006	190.9	0	997.20	-0.013	183	0.0115
997.23	-0.003	191.1	0	997.23	-0.009	183.4	0.0169
997.27	-0.001	191.1	0.0027	997.27	-0.006	183.6	0.0222
997.30	-0.001	191.2	0.0062	997.30	-0.004	183.9	0.0311
997.33	0	191.4	0.0089	997.33	0.001	184.4	0.0311
997.37	0.004	191.7	0.0133	997.37	0.004	184.7	0.0391
997.40	0.005	191.8	0.0169	997.40	0.004	184.7	0.0453
997.43	0.006	192.1	0.0213	997.43	0.005	185	0.0533
997.47	0.01	192.3	0.0213	997.47	0.01	185.5	0.0612
997.50	0.011	192.3	0.0249	997.50	0.013	185.8	0.0683
997.55	0.012	192.7	0.032	997.53	0.015	186.2	0.0763
997.58	0.014	192.9	0.032	997.57	0.019	186.7	0.0763
997.60	0.015	192.9	0.0346	997.60	0.022	187.1	0.0852
997.63	0.015	193.2	0.0382	997.63	0.022	187.1	0.0914
997.67	0.017	193.4	0.0417	997.67	0.023	187.5	0.0985
997.70	0.021	193.7	0.0462	997.70	0.027	188	0.1065
997.73	0.021	193.9	0.0479	997.73	0.029	188.4	0.1118
997.77	0.022	194.2	0.0515	997.77	0.031	188.7	0.1181
997.80	0.024	194.4	0.0515	997.80	0.033	189.2	0.1181
997.83	0.025	194.4	0.0541	997.83	0.036	189.5	0.1234
997.87	0.025	194.6	0.0559	997.87	0.036	189.5	0.1278
997.90	0.026	194.8	0.0577	997.90	0.036	189.8	0.1314
997.93	0.027	195	0.0595	997.93	0.038	190.2	0.134
997.97	0.028	195.2	0.0604	997.98	0.039	190.5	0.1367
998.00	0.028	195.4	0.0612	998.02	0.039	190.7	0.1385
998.03	0.029	195.6	0.0612	998.03	0.04	190.9	0.1394
998.07	0.029	195.6	0.063	998.07	0.04	191.2	0.1402
998.10	0.029	195.7	0.063	998.10	0.04	191.3	0.1402
998.13	0.029	195.8	0.063	998.13	0.04	191.4	0.1402
998.17	0.029	195.9	0.063	998.17	0.04	191.6	0.1402
998.20	0.028	196	0.063	998.20	0.04	191.6	0.1402
998.23	0.028	196	0.0612	998.23	0.04	191.7	0.1402
998.27	0.027	196	0.0612	998.27	0.038	191.7	0.1385
998.30	0.025	196	0.0604	998.30	0.036	191.7	0.1367
998.33	0.025	196	0.0595	998.33	0.035	191.7	0.134
998.37	0.024	196	0.0577	998.37	0.033	191.6	0.1314
998.40	0.023	196	0.055	998.40	0.03	191.5	0.1314
998.43	0.021	195.9	0.0533	998.43	0.029	191.5	0.1278
998.47	0.021	195.9	0.0515	998.47	0.029	191.4	0.1243
998.50	0.018	195.7	0.0479	998.50	0.026	191.2	0.1189
998.53	0.016	195.6	0.0479	998.53	0.022	191	0.1145
998.57	0.016	195.6	0.0453	998.57	0.021	190.8	0.1101
998.60	0.015	195.4	0.0417	998.60	0.019	190.6	0.103
998.63	0.013	195.2	0.0391	998.63	0.013	190.2	0.103
998.67	0.01	195	0.0355	998.67	0.011	190.2	0.095
998.70	0.009	194.8	0.032	998.70	0.011	189.9	0.0897
998.73	0.006	194.6	0.0284	998.73	0.009	189.6	0.0817
998.77	0.003	194.4	0.0284	998.77	0.004	189.1	0.0728
998.80	0.002	194.4	0.024	998.80	0.002	188.8	0.0666
998.83	0.002	194.2	0.0204	998.83	-0.001	188.4	0.0577
998.87	0.001	193.9	0.0169	998.87	-0.005	187.8	0.0577
998.90	-0.002	193.6	0.0124	998.90	-0.007	187.5	0.0497
998.93	-0.004	193.4	0.0089	998.93	-0.007	187.5	0.0435
998.98	-0.005	193.1	0.0053	998.97	-0.009	187.1	0.0355
999.02	-0.007	192.9	0.0027	999.00	-0.014	186.4	0.0275
999.05	-0.008	192.7	0	999.03	-0.016	186	0.0204
999.07	-0.01	192.4	-0.0036	999.07	-0.017	185.6	0.0142
999.10	-0.012	192.2	-0.0036	999.10	-0.021	185.1	0.0142
999.13	-0.013	192.2	-0.0062	999.13	-0.023	184.8	0.008
999.17	-0.013	192	-0.008	999.17	-0.023	184.8	0.0036
999.20	-0.014	191.7	-0.0098	999.20	-0.023	184.4	-0.0009
999.23	-0.015	191.5	-0.0124	999.23	-0.025	184	-0.0044
999.27	-0.016	191.3	-0.0133	999.27	-0.027	183.7	-0.008

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
999.30	-0.016	191.2	-0.0151	999.30	-0.027	183.5	-0.0098
999.33	-0.017	191	-0.0151	999.33	-0.028	183.2	-0.0098
999.37	-0.017	191	-0.016	999.37	-0.029	182.9	-0.0115
999.40	-0.017	190.9	-0.016	999.42	-0.029	182.7	-0.0142
999.43	-0.017	190.7	-0.0169	999.45	-0.029	182.6	-0.0142
999.47	-0.017	190.6	-0.0169	999.48	-0.028	182.5	-0.0142
999.50	-0.017	190.6	-0.0169	999.50	-0.028	182.5	-0.0142
999.53	-0.017	190.5	-0.016	999.53	-0.028	182.3	-0.0133
999.57	-0.015	190.5	-0.016	999.57	-0.027	182.3	-0.0124
999.60	-0.015	190.5	-0.0151	999.60	-0.025	182.3	-0.0107
999.63	-0.015	190.4	-0.0142	999.63	-0.025	182.2	-0.0089
999.67	-0.014	190.4	-0.0124	999.67	-0.023	182.4	-0.0062
999.70	-0.012	190.5	-0.0115	999.70	-0.02	182.5	-0.0062
999.73	-0.011	190.5	-0.0098	999.73	-0.019	182.5	-0.0036
999.77	-0.01	190.6	-0.0071	999.77	-0.019	182.5	-0.0009
999.80	-0.008	190.7	-0.0071	999.80	-0.017	182.7	0.0036
999.83	-0.006	190.8	-0.0044	999.83	-0.013	182.9	0.008
999.87	-0.006	190.8	-0.0027	999.87	-0.012	183.1	0.0133
999.90	-0.005	190.9	0.0009	999.90	-0.009	183.4	0.0204
999.93	-0.002	191.2	0.0044	999.93	-0.005	183.7	0.0204
999.97	0	191.3	0.0071	999.97	-0.005	183.7	0.0275
1000.00	0.001	191.4	0.0115	1000.00	-0.003	184	0.0346
1000.03	0.004	191.7	0.0115	1000.03	0.001	184.5	0.0417
1000.07	0.006	191.9	0.0151	1000.07	0.005	184.8	0.0497
1000.10	0.006	191.9	0.0186	1000.10	0.007	185.1	0.0559
1000.13	0.007	192.1	0.0222	1000.13	0.01	185.6	0.0639
1000.17	0.01	192.4	0.0275	1000.17	0.014	186	0.0639
1000.20	0.012	192.7	0.0311	1000.20	0.016	186	0.0719
1000.23	0.014	192.9	0.0355	1000.23	0.016	186.3	0.0781
1000.27	0.016	193.2	0.0355	1000.27	0.019	186.9	0.087
1000.30	0.018	193.4	0.0391	1000.30	0.023	187.3	0.095
1000.33	0.018	193.4	0.0417	1000.33	0.025	187.7	0.1012
1000.37	0.019	193.6	0.0453	1000.37	0.027	188.1	0.1083
1000.40	0.021	193.9	0.0479	1000.40	0.031	188.5	0.1083
1000.45	0.023	194.1	0.0515	1000.43	0.032	188.5	0.1154
1000.48	0.023	194.3	0.0524	1000.47	0.032	188.9	0.1189
1000.50	0.024	194.5	0.055	1000.50	0.033	189.3	0.1243
1000.53	0.026	194.7	0.0577	1000.53	0.036	189.6	0.1287
1000.57	0.027	194.9	0.0586	1000.57	0.037	189.9	0.1323
1000.60	0.027	195.1	0.0604	1000.60	0.038	190.3	0.1358
1000.63	0.028	195.3	0.0604	1000.63	0.04	190.5	0.1358
1000.67	0.028	195.3	0.0612	1000.67	0.04	190.5	0.1385
1000.70	0.028	195.4	0.0621	1000.70	0.04	190.7	0.1394
1000.73	0.029	195.6	0.063	1000.73	0.04	191	0.1402
1000.77	0.029	195.7	0.063	1000.77	0.04	191.2	0.1402
1000.80	0.029	195.8	0.063	1000.80	0.04	191.3	0.1402
1000.83	0.029	195.9	0.063	1000.83	0.04	191.5	0.1402
1000.87	0.028	196	0.063	1000.88	0.039	191.6	0.1402
1000.90	0.027	196	0.063	1000.92	0.039	191.7	0.1402
1000.93	0.027	196.1	0.0621	1000.93	0.038	191.7	0.1376
1000.97	0.026	196.1	0.0604	1000.97	0.035	191.6	0.1376
1001.00	0.025	196	0.0586	1001.00	0.033	191.6	0.1358
1001.03	0.024	196	0.0577	1001.03	0.033	191.6	0.134
1001.07	0.023	196	0.055	1001.07	0.032	191.6	0.1305
1001.10	0.021	195.9	0.055	1001.10	0.029	191.4	0.1269
1001.13	0.019	195.9	0.0524	1001.13	0.027	191.3	0.1234
1001.17	0.019	195.8	0.0506	1001.17	0.025	191.2	0.1181
1001.20	0.018	195.7	0.0479	1001.20	0.022	190.9	0.1181
1001.23	0.015	195.5	0.0444	1001.23	0.019	190.7	0.1127
1001.27	0.014	195.4	0.0417	1001.27	0.019	190.7	0.1074
1001.30	0.012	195.2	0.0382	1001.30	0.017	190.5	0.1003
1001.33	0.009	194.9	0.0382	1001.33	0.012	190	0.0932
1001.37	0.007	194.8	0.0346	1001.37	0.009	189.7	0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1001.40	0.007	194.8	0.032	1001.40	0.007	189.4	0.079
1001.43	0.006	194.6	0.0275	1001.43	0.003	188.9	0.079
1001.47	0.003	194.3	0.0231	1001.47	0	188.5	0.071
1001.50	0.001	194.1	0.0195	1001.50	0	188.5	0.063
1001.53	0	193.9	0.0151	1001.53	-0.002	188.2	0.055
1001.57	-0.003	193.5	0.0151	1001.57	-0.006	187.6	0.047
1001.60	-0.005	193.3	0.0107	1001.60	-0.009	187.2	0.0399
1001.63	-0.005	193.3	0.008	1001.63	-0.011	186.8	0.032
1001.67	-0.006	193.1	0.0044	1001.67	-0.014	186.2	0.032
1001.70	-0.009	192.8	0.0009	1001.70	-0.017	185.8	0.0231
1001.73	-0.01	192.5	-0.0018	1001.73	-0.017	185.8	0.0178
1001.77	-0.011	192.3	-0.0053	1001.77	-0.018	185.4	0.0124
1001.80	-0.012	192	-0.0053	1001.80	-0.021	184.9	0.0071
1001.83	-0.014	191.8	-0.008	1001.83	-0.024	184.6	0.0009
1001.87	-0.014	191.8	-0.0107	1001.87	-0.024	184.3	-0.0018
1001.92	-0.015	191.4	-0.0124	1001.90	-0.026	183.9	-0.0018
1001.95	-0.016	191.2	-0.0124	1001.93	-0.027	183.5	-0.0062
1001.97	-0.016	191.2	-0.0142	1001.97	-0.027	183.5	-0.0089
1002.00	-0.016	191.1	-0.0151	1002.00	-0.028	183.3	-0.0107
1002.03	-0.017	190.9	-0.016	1002.03	-0.028	183.1	-0.0115
1002.07	-0.017	190.8	-0.0169	1002.07	-0.029	182.9	-0.0133
1002.10	-0.017	190.7	-0.0169	1002.10	-0.029	182.7	-0.0133
1002.13	-0.017	190.6	-0.0169	1002.13	-0.029	182.5	-0.0133
1002.17	-0.017	190.5	-0.0169	1002.17	-0.028	182.4	-0.0133
1002.20	-0.016	190.5	-0.016	1002.20	-0.027	182.4	-0.0133
1002.23	-0.016	190.5	-0.016	1002.23	-0.027	182.3	-0.0133
1002.27	-0.015	190.4	-0.0142	1002.27	-0.026	182.3	-0.0107
1002.30	-0.014	190.4	-0.0133	1002.32	-0.024	182.3	-0.0089
1002.33	-0.013	190.4	-0.0124	1002.35	-0.024	182.3	-0.008
1002.37	-0.013	190.5	-0.0107	1002.38	-0.022	182.4	-0.0053
1002.40	-0.011	190.5	-0.0107	1002.40	-0.019	182.5	-0.0018
1002.43	-0.01	190.5	-0.0089	1002.43	-0.018	182.6	0.0009
1002.47	-0.01	190.6	-0.0062	1002.47	-0.016	182.8	0.0053
1002.50	-0.008	190.7	-0.0036	1002.50	-0.012	183	0.0053
1002.53	-0.005	190.9	-0.0009	1002.53	-0.01	183	0.0107
1002.57	-0.004	191	0.0018	1002.57	-0.01	183.2	0.016
1002.60	-0.003	191.2	0.0053	1002.60	-0.008	183.5	0.0222
1002.63	0.001	191.4	0.0053	1002.63	-0.003	183.9	0.0311
1002.67	0.002	191.4	0.0089	1002.67	-0.001	184.1	0.0364
1002.70	0.002	191.5	0.0115	1002.70	0.001	184.5	0.0444
1002.73	0.004	191.7	0.016	1002.73	0.006	184.9	0.0444
1002.77	0.007	192	0.0204	1002.77	0.009	184.9	0.0524
1002.80	0.008	192.2	0.024	1002.80	0.009	185.3	0.0586
1002.83	0.01	192.4	0.0284	1002.83	0.011	185.6	0.0666
1002.87	0.013	192.7	0.0284	1002.87	0.016	186.1	0.0754
1002.90	0.015	192.9	0.0328	1002.90	0.018	186.5	0.0817
1002.93	0.015	192.9	0.0355	1002.93	0.019	186.9	0.0897
1002.97	0.016	193.2	0.0391	1002.97	0.024	187.5	0.0897
1003.00	0.019	193.5	0.0435	1003.00	0.026	187.8	0.0976
1003.03	0.02	193.7	0.0453	1003.03	0.026	187.8	0.1039
1003.07	0.021	193.9	0.0488	1003.07	0.028	188.2	0.1101
1003.10	0.023	194.2	0.0488	1003.10	0.031	188.7	0.1172
1003.13	0.025	194.4	0.0515	1003.13	0.033	189	0.1216
1003.17	0.025	194.4	0.0541	1003.17	0.034	189.3	0.126
1003.20	0.025	194.6	0.0559	1003.20	0.036	189.7	0.126
1003.23	0.026	194.8	0.0577	1003.23	0.037	190	0.1305
1003.27	0.027	195	0.0595	1003.27	0.037	190	0.134
1003.30	0.028	195.2	0.0612	1003.30	0.039	190.3	0.1367
1003.35	0.028	195.4	0.0621	1003.33	0.039	190.6	0.1376
1003.38	0.029	195.5	0.0621	1003.37	0.04	190.8	0.1394
1003.40	0.029	195.7	0.063	1003.40	0.04	191	0.1402
1003.43	0.029	195.8	0.063	1003.43	0.04	191.2	0.1402
1003.47	0.029	195.9	0.063	1003.47	0.04	191.3	0.1402

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1003.50	0.029	195.9	0.063	1003.50	0.04	191.3	0.1402
1003.53	0.028	196	0.063	1003.53	0.04	191.5	0.1402
1003.57	0.028	196	0.0621	1003.57	0.039	191.6	0.1402
1003.60	0.027	196	0.0612	1003.60	0.037	191.6	0.1385
1003.63	0.026	196.1	0.0604	1003.63	0.036	191.6	0.1367
1003.67	0.025	196	0.0586	1003.67	0.035	191.6	0.134
1003.70	0.023	196	0.0586	1003.70	0.032	191.5	0.134
1003.73	0.022	196	0.0568	1003.73	0.03	191.5	0.1314
1003.77	0.022	196	0.055	1003.78	0.029	191.4	0.1252
1003.80	0.021	195.9	0.0524	1003.82	0.026	191.2	0.1252
1003.83	0.018	195.7	0.0497	1003.83	0.025	191.2	0.1225
1003.87	0.017	195.6	0.047	1003.87	0.025	191.1	0.1163
1003.90	0.016	195.4	0.0444	1003.90	0.022	190.8	0.111
1003.93	0.012	195.2	0.0444	1003.93	0.017	190.5	0.1039
1003.97	0.011	195.2	0.0408	1003.97	0.016	190.3	0.0985
1004.00	0.011	195.1	0.0373	1004.00	0.013	189.8	0.0914
1004.03	0.01	194.9	0.0337	1004.03	0.007	189.5	0.0914
1004.07	0.006	194.7	0.0302	1004.07	0.006	189.5	0.0834
1004.10	0.005	194.5	0.0257	1004.10	0.006	189.2	0.0763
1004.13	0.003	194.2	0.0222	1004.13	0.004	188.7	0.0683
1004.17	0	194	0.0222	1004.17	-0.002	188.3	0.0586
1004.20	-0.001	194	0.0178	1004.20	-0.004	188	0.0533
1004.23	-0.001	193.8	0.0142	1004.23	-0.006	187.5	0.0453
1004.27	-0.003	193.4	0.0107	1004.27	-0.011	187	0.0453
1004.30	-0.006	193.2	0.0062	1004.30	-0.012	187	0.0364
1004.33	-0.007	193	0.0036	1004.33	-0.012	186.6	0.0311
1004.37	-0.008	192.7	0	1004.37	-0.014	186.1	0.0231
1004.40	-0.011	192.4	0	1004.40	-0.019	185.6	0.0151
1004.43	-0.011	192.4	-0.0036	1004.43	-0.019	185.3	0.0107
1004.47	-0.011	192.2	-0.0053	1004.47	-0.021	184.9	0.0053
1004.50	-0.013	192	-0.008	1004.50	-0.025	184.4	0.0053
1004.53	-0.015	191.7	-0.0107	1004.53	-0.025	184.4	0
1004.57	-0.015	191.5	-0.0124	1004.57	-0.025	184.1	-0.0036
1004.60	-0.016	191.3	-0.0133	1004.60	-0.026	183.8	-0.0071
1004.63	-0.016	191.2	-0.0133	1004.63	-0.028	183.4	-0.0098
1004.67	-0.017	191.2	-0.0151	1004.67	-0.028	183.2	-0.0115
1004.70	-0.017	191	-0.016	1004.70	-0.028	183	-0.0124
1004.73	-0.017	190.9	-0.016	1004.73	-0.029	182.8	-0.0124
1004.77	-0.017	190.7	-0.0169	1004.77	-0.029	182.8	-0.0133
1004.82	-0.017	190.6	-0.0169	1004.80	-0.029	182.6	-0.0133
1004.85	-0.017	190.6	-0.0169	1004.83	-0.028	182.4	-0.0133
1004.87	-0.017	190.5	-0.016	1004.87	-0.028	182.3	-0.0133
1004.90	-0.016	190.5	-0.0151	1004.90	-0.027	182.3	-0.0115
1004.93	-0.015	190.4	-0.0142	1004.93	-0.026	182.3	-0.0098
1004.97	-0.014	190.4	-0.0142	1004.97	-0.024	182.3	-0.0098
1005.00	-0.013	190.5	-0.0133	1005.00	-0.022	182.3	-0.008
1005.03	-0.013	190.5	-0.0115	1005.03	-0.022	182.3	-0.0062
1005.07	-0.012	190.5	-0.0098	1005.07	-0.021	182.4	-0.0027
1005.10	-0.01	190.6	-0.008	1005.10	-0.018	182.6	0.0009
1005.13	-0.009	190.7	-0.0053	1005.13	-0.016	182.7	0.0044
1005.17	-0.008	190.8	-0.0027	1005.17	-0.014	182.9	0.0098
1005.20	-0.004	190.9	-0.0027	1005.22	-0.01	183.2	0.0151
1005.23	-0.003	191.1	0.0009	1005.25	-0.009	183.3	0.0186
1005.27	-0.003	191.1	0.0027	1005.28	-0.007	183.6	0.0257
1005.30	-0.002	191.2	0.0071	1005.30	-0.002	184	0.0257
1005.33	0.001	191.5	0.0107	1005.33	0.001	184.3	0.0337
1005.37	0.003	191.6	0.0142	1005.37	0.001	184.3	0.0399
1005.40	0.004	191.8	0.0178	1005.40	0.003	184.6	0.047
1005.43	0.008	192.1	0.0178	1005.43	0.007	185.1	0.055
1005.47	0.009	192.3	0.0222	1005.47	0.01	185.5	0.063
1005.50	0.009	192.3	0.0249	1005.50	0.012	185.8	0.071
1005.53	0.011	192.5	0.0302	1005.53	0.016	186.3	0.071
1005.57	0.014	192.8	0.0346	1005.57	0.019	186.7	0.079

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1005.60	0.016	193.1	0.0382	1005.60	0.019	186.7	0.0861
1005.63	0.017	193.3	0.0408	1005.63	0.021	187.1	0.0932
1005.67	0.019	193.6	0.0408	1005.67	0.025	187.7	0.1012
1005.70	0.021	193.8	0.0444	1005.70	0.028	188	0.1074
1005.73	0.021	193.8	0.047	1005.73	0.029	188.4	0.1127
1005.77	0.022	194	0.0506	1005.77	0.032	188.9	0.1127
1005.80	0.023	194.3	0.0533	1005.80	0.034	189.2	0.1198
1005.83	0.025	194.5	0.055	1005.83	0.034	189.2	0.1243
1005.87	0.026	194.7	0.0568	1005.87	0.035	189.5	0.1278
1005.90	0.026	194.9	0.0586	1005.90	0.037	189.9	0.1323
1005.93	0.028	195.1	0.0586	1005.93	0.038	190.2	0.1349
1005.97	0.028	195.1	0.0604	1005.97	0.039	190.4	0.1376
1006.00	0.028	195.2	0.0612	1006.00	0.04	190.7	0.1394
1006.03	0.028	195.4	0.0621	1006.03	0.04	190.9	0.1394
1006.07	0.029	195.6	0.063	1006.07	0.04	190.9	0.1402
1006.10	0.029	195.7	0.063	1006.10	0.04	191.1	0.1402
1006.13	0.029	195.8	0.063	1006.13	0.04	191.3	0.1402
1006.17	0.028	195.9	0.063	1006.17	0.04	191.4	0.1402
1006.20	0.028	195.9	0.063	1006.20	0.04	191.5	0.1402
1006.25	0.027	196	0.0621	1006.23	0.039	191.6	0.1402
1006.28	0.026	196	0.0621	1006.27	0.036	191.6	0.1402
1006.32	0.025	196	0.0604	1006.30	0.036	191.6	0.1376
1006.33	0.025	196.1	0.0595	1006.33	0.036	191.6	0.1367
1006.37	0.025	196	0.0577	1006.37	0.034	191.6	0.1331
1006.40	0.023	196	0.0559	1006.40	0.031	191.5	0.1305
1006.43	0.022	195.9	0.0541	1006.43	0.029	191.4	0.1269
1006.47	0.02	195.8	0.0515	1006.47	0.028	191.2	0.1216
1006.50	0.017	195.7	0.0515	1006.50	0.023	191	0.1216
1006.53	0.016	195.7	0.0479	1006.53	0.022	191	0.1163
1006.57	0.016	195.6	0.0453	1006.57	0.022	190.9	0.1118
1006.60	0.015	195.4	0.0426	1006.60	0.02	190.5	0.1056
1006.63	0.011	195.2	0.0391	1006.63	0.014	190.2	0.0985
1006.67	0.011	195	0.0364	1006.68	0.013	190	0.0923
1006.70	0.009	194.8	0.032	1006.72	0.012	189.7	0.0888
1006.73	0.005	194.6	0.032	1006.73	0.007	189.4	0.0808
1006.77	0.004	194.6	0.0275	1006.77	0.005	189	0.0737
1006.80	0.004	194.4	0.024	1006.80	0.002	188.6	0.0657
1006.83	0.003	194.1	0.0204	1006.83	-0.003	188.1	0.0657
1006.87	-0.001	193.8	0.0151	1006.87	-0.005	188.1	0.0559
1006.90	-0.002	193.6	0.0124	1006.90	-0.005	187.7	0.0497
1006.93	-0.004	193.4	0.0089	1006.93	-0.007	187.3	0.0426
1006.97	-0.006	193.1	0.0089	1006.97	-0.012	186.7	0.0328
1007.00	-0.008	193.1	0.0053	1007.00	-0.014	186.3	0.0275
1007.03	-0.008	192.8	0.0018	1007.03	-0.015	185.9	0.0204
1007.07	-0.009	192.6	-0.0018	1007.07	-0.019	185.5	0.0204
1007.10	-0.011	192.3	-0.0053	1007.10	-0.02	185.1	0.0133
1007.13	-0.012	192.1	-0.0071	1007.13	-0.02	185.1	0.0089
1007.17	-0.013	191.9	-0.0089	1007.17	-0.022	184.7	0.0036
1007.20	-0.015	191.6	-0.0089	1007.20	-0.025	184.3	-0.0018
1007.23	-0.016	191.6	-0.0115	1007.23	-0.026	184	-0.0044
1007.27	-0.016	191.4	-0.0133	1007.27	-0.026	183.7	-0.008
1007.30	-0.016	191.3	-0.0142	1007.30	-0.028	183.3	-0.008
1007.33	-0.017	191.1	-0.016	1007.33	-0.029	183	-0.0107
1007.37	-0.017	190.9	-0.0169	1007.37	-0.029	183	-0.0124
1007.40	-0.017	190.8	-0.0169	1007.40	-0.028	182.8	-0.0133
1007.43	-0.017	190.7	-0.0169	1007.43	-0.029	182.6	-0.0133
1007.47	-0.017	190.6	-0.0169	1007.47	-0.028	182.5	-0.0142
1007.50	-0.017	190.6	-0.0169	1007.50	-0.028	182.4	-0.0142
1007.53	-0.017	190.5	-0.016	1007.53	-0.028	182.3	-0.0133
1007.57	-0.016	190.5	-0.016	1007.57	-0.026	182.3	-0.0133
1007.60	-0.015	190.4	-0.0151	1007.60	-0.026	182.3	-0.0115
1007.63	-0.015	190.4	-0.0133	1007.63	-0.025	182.2	-0.0098
1007.67	-0.013	190.5	-0.0133	1007.67	-0.024	182.3	-0.0071

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1007.72	-0.012	190.5	-0.0107	1007.70	-0.021	182.4	-0.0053
1007.75	-0.011	190.5	-0.0098	1007.73	-0.02	182.4	-0.0009
1007.77	-0.009	190.6	-0.0098	1007.77	-0.017	182.7	0.0027
1007.80	-0.008	190.7	-0.0071	1007.80	-0.014	182.8	0.0027
1007.83	-0.008	190.7	-0.0053	1007.83	-0.014	182.8	0.0071
1007.87	-0.007	190.8	-0.0018	1007.87	-0.013	183	0.0115
1007.90	-0.004	191	0.0018	1007.90	-0.009	183.3	0.0178
1007.93	-0.002	191.2	0.0044	1007.93	-0.006	183.6	0.0231
1007.97	-0.001	191.3	0.008	1007.97	-0.004	183.8	0.0302
1008.00	0.002	191.5	0.008	1008.00	-0.001	184.3	0.0382
1008.03	0.004	191.7	0.0115	1008.03	0.004	184.6	0.0382
1008.07	0.004	191.7	0.0151	1008.07	0.005	184.6	0.0462
1008.10	0.005	191.9	0.0186	1008.10	0.005	184.9	0.0524
1008.13	0.008	192.2	0.0231	1008.15	0.011	185.7	0.0604
1008.17	0.011	192.4	0.0275	1008.18	0.014	185.7	0.0657
1008.20	0.012	192.6	0.032	1008.20	0.014	186	0.0728
1008.23	0.014	192.9	0.0355	1008.23	0.016	186.5	0.0808
1008.27	0.017	193.1	0.0355	1008.27	0.021	187	0.0888
1008.30	0.017	193.1	0.0391	1008.30	0.022	187.3	0.095
1008.33	0.017	193.4	0.0426	1008.33	0.024	187.8	0.1021
1008.37	0.019	193.7	0.0462	1008.37	0.029	188.2	0.1021
1008.40	0.022	193.9	0.0488	1008.40	0.03	188.2	0.1101
1008.43	0.022	194.1	0.0515	1008.43	0.03	188.5	0.1145
1008.47	0.024	194.3	0.0541	1008.47	0.032	189	0.1207
1008.50	0.026	194.6	0.0541	1008.50	0.035	189.3	0.126
1008.53	0.026	194.6	0.0568	1008.53	0.036	189.7	0.1287
1008.57	0.026	194.7	0.0577	1008.57	0.037	190	0.1323
1008.60	0.027	194.9	0.0595	1008.60	0.039	190.3	0.1323
1008.63	0.028	195.1	0.0612	1008.63	0.039	190.3	0.1358
1008.67	0.028	195.3	0.0612	1008.67	0.039	190.5	0.1376
1008.70	0.028	195.4	0.0621	1008.70	0.04	190.8	0.1394
1008.73	0.029	195.6	0.0621	1008.73	0.04	191	0.1402
1008.77	0.029	195.6	0.063	1008.77	0.04	191.2	0.1402
1008.80	0.029	195.7	0.063	1008.80	0.04	191.3	0.1402
1008.83	0.029	195.8	0.063	1008.83	0.04	191.4	0.1402
1008.87	0.028	195.9	0.063	1008.87	0.04	191.4	0.1402
1008.90	0.028	196	0.0621	1008.90	0.04	191.6	0.1402
1008.93	0.027	196	0.0612	1008.93	0.038	191.6	0.1385
1008.97	0.025	196	0.0612	1008.97	0.036	191.6	0.1367
1009.00	0.025	196	0.0595	1009.00	0.034	191.6	0.1349
1009.03	0.025	196	0.0577	1009.03	0.033	191.6	0.1314
1009.07	0.023	195.9	0.0559	1009.07	0.03	191.4	0.1314
1009.10	0.021	195.9	0.0541	1009.10	0.028	191.4	0.1287
1009.15	0.02	195.8	0.0524	1009.13	0.028	191.3	0.1252
1009.18	0.02	195.8	0.0506	1009.17	0.027	191.2	0.1198
1009.22	0.017	195.6	0.047	1009.20	0.022	190.9	0.1145
1009.23	0.016	195.5	0.0453	1009.23	0.021	190.7	0.1101
1009.27	0.014	195.3	0.0408	1009.27	0.019	190.5	0.103
1009.30	0.01	195.1	0.0408	1009.30	0.013	190.1	0.103
1009.33	0.01	195.1	0.0373	1009.33	0.011	190.1	0.095
1009.37	0.01	194.9	0.0346	1009.37	0.011	189.8	0.0897
1009.40	0.008	194.7	0.0302	1009.40	0.009	189.5	0.0817
1009.43	0.004	194.4	0.0257	1009.43	0.003	189	0.0728
1009.47	0.003	194.3	0.0222	1009.47	0.002	188.7	0.0666
1009.50	0.002	194.1	0.0186	1009.50	0	188.3	0.0586
1009.53	-0.002	193.7	0.0186	1009.53	-0.006	187.7	0.0586
1009.57	-0.003	193.5	0.0142	1009.58	-0.007	187.4	0.0444
1009.60	-0.003	193.5	0.0115	1009.62	-0.008	187.1	0.0391
1009.63	-0.004	193.3	0.0071	1009.65	-0.012	186.5	0.0391
1009.67	-0.007	192.9	0.0036	1009.67	-0.014	186.1	0.032
1009.70	-0.008	192.7	0	1009.70	-0.014	186.1	0.024
1009.73	-0.01	192.5	-0.0036	1009.73	-0.017	185.7	0.0169
1009.77	-0.012	192.2	-0.0036	1009.77	-0.02	185.2	0.0107

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1009.80	-0.013	192	-0.0062	1009.80	-0.022	184.8	0.0053
1009.83	-0.013	192	-0.008	1009.83	-0.023	184.5	0.0009
1009.87	-0.014	191.8	-0.0107	1009.87	-0.024	184	0.0009
1009.90	-0.015	191.5	-0.0124	1009.90	-0.027	183.7	-0.0036
1009.93	-0.016	191.3	-0.0133	1009.93	-0.027	183.7	-0.0062
1009.97	-0.016	191.2	-0.0151	1009.97	-0.027	183.5	-0.008
1010.00	-0.017	191	-0.0151	1010.00	-0.028	183.2	-0.0107
1010.03	-0.017	190.9	-0.016	1010.03	-0.029	182.9	-0.0124
1010.07	-0.017	190.9	-0.016	1010.07	-0.029	182.7	-0.0133
1010.10	-0.017	190.7	-0.0169	1010.10	-0.029	182.6	-0.0133
1010.13	-0.017	190.6	-0.0169	1010.13	-0.029	182.4	-0.0142
1010.17	-0.017	190.5	-0.0169	1010.17	-0.029	182.4	-0.0142
1010.20	-0.017	190.5	-0.016	1010.20	-0.028	182.3	-0.0133
1010.23	-0.016	190.5	-0.016	1010.23	-0.027	182.3	-0.0124
1010.27	-0.015	190.4	-0.0151	1010.27	-0.026	182.2	-0.0115
1010.30	-0.015	190.4	-0.0142	1010.30	-0.025	182.2	-0.0089
1010.33	-0.014	190.4	-0.0124	1010.33	-0.023	182.3	-0.0062
1010.37	-0.013	190.5	-0.0115	1010.37	-0.02	182.4	-0.0062
1010.40	-0.011	190.5	-0.0098	1010.40	-0.019	182.4	-0.0036
1010.43	-0.01	190.6	-0.0071	1010.43	-0.019	182.5	0
1010.47	-0.008	190.7	-0.0044	1010.47	-0.017	182.6	0.0036
1010.50	-0.006	190.8	-0.0044	1010.50	-0.013	182.9	0.0089
1010.53	-0.005	190.8	-0.0018	1010.53	-0.012	183.1	0.0133
1010.57	-0.005	190.9	0.0009	1010.57	-0.009	183.4	0.0195
1010.62	-0.001	191.2	0.0044	1010.60	-0.004	183.7	0.0195
1010.65	0	191.2	0.0062	1010.63	-0.003	183.7	0.0275
1010.67	0	191.4	0.0089	1010.67	-0.003	184	0.0328
1010.70	0.002	191.6	0.0124	1010.70	0	184.4	0.0408
1010.73	0.005	191.8	0.0169	1010.73	0.005	184.8	0.0497
1010.77	0.006	192	0.0204	1010.77	0.007	185.1	0.0559
1010.80	0.008	192.3	0.024	1010.80	0.01	185.6	0.0648
1010.83	0.012	192.5	0.024	1010.83	0.015	186	0.0648
1010.87	0.013	192.5	0.0293	1010.87	0.016	186	0.0728
1010.90	0.013	192.7	0.0328	1010.90	0.016	186.3	0.0781
1010.93	0.014	193	0.0364	1010.93	0.018	186.8	0.0861
1010.97	0.017	193.3	0.0408	1010.97	0.023	187.3	0.0959
1011.00	0.018	193.5	0.0435	1011.00	0.025	187.6	0.1003
1011.03	0.02	193.8	0.047	1011.05	0.026	188.1	0.1074
1011.07	0.023	194	0.047	1011.08	0.029	188.4	0.1118
1011.10	0.023	194	0.0506	1011.10	0.031	188.7	0.1172
1011.13	0.023	194.2	0.0524	1011.13	0.032	189.1	0.1225
1011.17	0.024	194.4	0.055	1011.17	0.036	189.5	0.1225
1011.20	0.026	194.7	0.0568	1011.20	0.036	189.5	0.1278
1011.23	0.026	194.8	0.0586	1011.23	0.036	189.8	0.1305
1011.27	0.027	195	0.0604	1011.27	0.037	190.1	0.134
1011.30	0.028	195.2	0.0604	1011.30	0.04	190.4	0.1376
1011.33	0.029	195.2	0.0612	1011.33	0.039	190.7	0.1385
1011.37	0.029	195.4	0.0621	1011.37	0.04	190.9	0.1394
1011.40	0.029	195.5	0.063	1011.40	0.04	191.1	0.1394
1011.43	0.029	195.7	0.063	1011.43	0.04	191.1	0.1402
1011.47	0.029	195.8	0.063	1011.47	0.04	191.2	0.1402
1011.50	0.029	195.9	0.063	1011.50	0.04	191.4	0.1402
1011.53	0.028	195.9	0.063	1011.53	0.04	191.5	0.1402
1011.57	0.027	195.9	0.063	1011.57	0.039	191.6	0.1402
1011.60	0.027	196	0.0621	1011.60	0.038	191.6	0.1376
1011.63	0.026	196	0.0604	1011.63	0.035	191.6	0.1376
1011.67	0.025	196	0.0586	1011.67	0.034	191.6	0.1358
1011.70	0.024	196	0.0577	1011.70	0.034	191.6	0.1331
1011.73	0.023	195.9	0.055	1011.73	0.032	191.5	0.1305
1011.77	0.021	195.8	0.055	1011.77	0.029	191.4	0.126
1011.80	0.019	195.8	0.0533	1011.80	0.027	191.3	0.1225
1011.83	0.019	195.8	0.0506	1011.83	0.025	191.1	0.1181
1011.87	0.018	195.6	0.0479	1011.87	0.021	190.8	0.1181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1011.90	0.015	195.4	0.0453	1011.90	0.019	190.8	0.1118
1011.93	0.014	195.3	0.0426	1011.93	0.019	190.6	0.1074
1011.97	0.012	195.1	0.0382	1011.97	0.017	190.4	0.1003
1012.00	0.009	194.9	0.0382	1012.00	0.012	190	0.0923
1012.03	0.007	194.7	0.0346	1012.03	0.01	189.7	0.0861
1012.08	0.006	194.5	0.0293	1012.07	0.008	189.3	0.079
1012.12	0.005	194.4	0.0293	1012.10	0.002	188.9	0.079
1012.13	0.002	194.1	0.0257	1012.13	0.001	188.5	0.0701
1012.17	0.002	194.1	0.0213	1012.17	0.001	188.5	0.0639
1012.20	0.001	193.9	0.0169	1012.20	-0.002	188.1	0.055
1012.23	-0.002	193.6	0.0133	1012.23	-0.007	187.5	0.0462
1012.27	-0.004	193.4	0.0098	1012.27	-0.009	187.2	0.0399
1012.30	-0.005	193.1	0.0053	1012.30	-0.01	186.7	0.032
1012.33	-0.008	192.8	0.0053	1012.33	-0.015	186.2	0.032
1012.37	-0.009	192.6	0.0018	1012.37	-0.017	185.8	0.024
1012.40	-0.009	192.6	-0.0009	1012.40	-0.017	185.8	0.0178
1012.43	-0.01	192.4	-0.0036	1012.43	-0.018	185.4	0.0124
1012.47	-0.012	192.1	-0.0071	1012.48	-0.022	184.6	0.0062
1012.50	-0.014	191.8	-0.0089	1012.52	-0.022	184.6	0.0036
1012.53	-0.014	191.7	-0.0107	1012.55	-0.023	184.3	-0.0009
1012.57	-0.015	191.4	-0.0124	1012.57	-0.026	183.9	-0.0044
1012.60	-0.016	191.2	-0.0124	1012.60	-0.026	183.6	-0.0071
1012.63	-0.016	191.2	-0.0142	1012.63	-0.027	183.3	-0.0098
1012.67	-0.016	191.1	-0.0151	1012.67	-0.028	183	-0.0098
1012.70	-0.017	190.9	-0.016	1012.70	-0.029	182.8	-0.0124
1012.73	-0.017	190.8	-0.0169	1012.73	-0.029	182.8	-0.0142
1012.77	-0.017	190.7	-0.0169	1012.77	-0.029	182.6	-0.0142
1012.80	-0.017	190.6	-0.0169	1012.80	-0.029	182.5	-0.0142
1012.83	-0.017	190.5	-0.0169	1012.83	-0.028	182.3	-0.0142
1012.87	-0.016	190.5	-0.0169	1012.87	-0.028	182.2	-0.0133
1012.90	-0.016	190.4	-0.016	1012.90	-0.026	182.2	-0.0133
1012.93	-0.016	190.4	-0.0151	1012.93	-0.025	182.2	-0.0115
1012.97	-0.014	190.4	-0.0142	1012.97	-0.025	182.2	-0.0098
1013.00	-0.014	190.4	-0.0133	1013.00	-0.024	182.2	-0.008
1013.03	-0.013	190.5	-0.0107	1013.03	-0.022	182.3	-0.0053
1013.07	-0.01	190.6	-0.0107	1013.07	-0.019	182.4	-0.0018
1013.10	-0.009	190.6	-0.008	1013.10	-0.018	182.5	0.0018
1013.13	-0.009	190.6	-0.0062	1013.13	-0.015	182.8	0.0018
1013.17	-0.008	190.7	-0.0044	1013.17	-0.012	182.9	0.0062
1013.20	-0.005	190.8	-0.0009	1013.20	-0.012	182.9	0.0107
1013.23	-0.004	191	0.0018	1013.23	-0.01	183.1	0.0169
1013.27	-0.003	191.2	0.0053	1013.27	-0.007	183.5	0.0231
1013.30	0.001	191.4	0.0053	1013.30	-0.004	183.8	0.0293
1013.33	0.002	191.4	0.0098	1013.33	-0.001	184.1	0.0373
1013.37	0.002	191.5	0.0124	1013.37	0.003	184.5	0.0453
1013.40	0.004	191.7	0.016	1013.40	0.006	184.9	0.0453
1013.43	0.007	192	0.0204	1013.43	0.008	184.9	0.0524
1013.47	0.008	192.2	0.0231	1013.47	0.008	185.2	0.0595
1013.52	0.01	192.5	0.0284	1013.50	0.011	185.7	0.0666
1013.55	0.012	192.6	0.0311	1013.53	0.015	186.1	0.0754
1013.58	0.013	192.8	0.0337	1013.57	0.017	186.4	0.0817
1013.60	0.015	193.1	0.0382	1013.60	0.02	187	0.0897
1013.63	0.018	193.4	0.0382	1013.63	0.024	187.4	0.0897
1013.67	0.019	193.4	0.0417	1013.67	0.025	187.4	0.0976
1013.70	0.019	193.5	0.0444	1013.70	0.025	187.8	0.1047
1013.73	0.02	193.8	0.0479	1013.73	0.028	188.3	0.1127
1013.77	0.023	194.1	0.0515	1013.77	0.032	188.7	0.1181
1013.80	0.024	194.3	0.0533	1013.80	0.033	189	0.1216
1013.83	0.025	194.5	0.0559	1013.83	0.034	189.3	0.126
1013.87	0.026	194.7	0.0559	1013.87	0.037	189.7	0.126
1013.90	0.027	194.7	0.0577	1013.90	0.038	189.7	0.1314
1013.93	0.027	194.9	0.0595	1013.95	0.038	190.3	0.1349
1013.97	0.027	195.1	0.0604	1013.98	0.039	190.5	0.1349

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1014.00	0.028	195.3	0.0621	1014.00	0.04	190.5	0.1367
1014.03	0.029	195.4	0.0621	1014.03	0.04	190.7	0.1385
1014.07	0.029	195.6	0.063	1014.07	0.04	191	0.1394
1014.10	0.029	195.7	0.063	1014.10	0.04	191.2	0.1402
1014.13	0.029	195.8	0.063	1014.13	0.04	191.3	0.1402
1014.17	0.029	195.8	0.063	1014.17	0.04	191.4	0.1402
1014.20	0.029	195.9	0.063	1014.20	0.04	191.6	0.1402
1014.23	0.028	196	0.0621	1014.23	0.038	191.6	0.1402
1014.27	0.027	196	0.0612	1014.27	0.038	191.6	0.1394
1014.30	0.026	196	0.0595	1014.30	0.037	191.6	0.1367
1014.33	0.025	196	0.0577	1014.33	0.034	191.6	0.134
1014.37	0.023	195.9	0.0577	1014.37	0.033	191.5	0.1323
1014.40	0.022	195.9	0.0568	1014.40	0.032	191.5	0.1287
1014.43	0.022	195.9	0.055	1014.43	0.028	191.3	0.1287
1014.47	0.021	195.8	0.0524	1014.47	0.026	191.3	0.1243
1014.50	0.018	195.7	0.0497	1014.50	0.026	191.2	0.1207
1014.53	0.017	195.6	0.047	1014.53	0.024	191	0.1145
1014.57	0.015	195.4	0.0435	1014.57	0.02	190.7	0.1092
1014.60	0.012	195.2	0.0435	1014.60	0.018	190.5	0.1039
1014.63	0.012	195.2	0.0408	1014.63	0.016	190.2	0.0968
1014.67	0.012	195.1	0.0373	1014.67	0.011	189.8	0.0968
1014.70	0.01	194.8	0.0337	1014.70	0.009	189.8	0.0897
1014.73	0.006	194.6	0.0302	1014.73	0.009	189.5	0.0826
1014.77	0.005	194.4	0.0257	1014.77	0.006	189.1	0.0746
1014.80	0.003	194.2	0.0213	1014.80	0.001	188.6	0.0657
1014.83	0	193.9	0.0213	1014.83	-0.001	188.3	0.0595
1014.87	-0.001	193.9	0.0178	1014.87	-0.003	187.9	0.0524
1014.90	-0.001	193.7	0.0142	1014.90	-0.008	187.3	0.0524
1014.93	-0.002	193.4	0.0107	1014.93	-0.01	187	0.0426
1014.98	-0.006	193.1	0.0062	1014.97	-0.01	187	0.0373
1015.02	-0.006	193	0.0044	1015.00	-0.012	186.5	0.0302
1015.03	-0.008	192.7	0.0009	1015.03	-0.016	186	0.0213
1015.07	-0.01	192.4	-0.0018	1015.07	-0.018	185.6	0.016
1015.10	-0.011	192.2	-0.0036	1015.10	-0.019	185.2	0.0098
1015.13	-0.012	192	-0.0062	1015.13	-0.022	184.7	0.0098
1015.17	-0.014	191.7	-0.0062	1015.17	-0.024	184.4	0.0036
1015.20	-0.015	191.7	-0.0089	1015.20	-0.024	184.4	-0.0009
1015.23	-0.015	191.5	-0.0115	1015.23	-0.025	184.1	-0.0044
1015.27	-0.015	191.3	-0.0133	1015.27	-0.026	183.7	-0.0071
1015.30	-0.017	191.2	-0.0151	1015.30	-0.027	183.4	-0.0098
1015.33	-0.017	191	-0.0151	1015.33	-0.028	183.1	-0.0124
1015.37	-0.017	190.9	-0.016	1015.37	-0.029	182.9	-0.0124
1015.40	-0.017	190.7	-0.016	1015.42	-0.029	182.6	-0.0142
1015.43	-0.017	190.7	-0.016	1015.45	-0.029	182.5	-0.0142
1015.47	-0.017	190.6	-0.016	1015.47	-0.028	182.4	-0.0142
1015.50	-0.017	190.5	-0.016	1015.50	-0.028	182.3	-0.0142
1015.53	-0.017	190.5	-0.016	1015.53	-0.028	182.3	-0.0142
1015.57	-0.016	190.4	-0.0151	1015.57	-0.027	182.2	-0.0124
1015.60	-0.015	190.4	-0.0142	1015.60	-0.026	182.2	-0.0115
1015.63	-0.014	190.4	-0.0142	1015.63	-0.024	182.2	-0.0098
1015.67	-0.013	190.4	-0.0133	1015.67	-0.023	182.2	-0.0071
1015.70	-0.013	190.4	-0.0115	1015.70	-0.022	182.3	-0.0053
1015.73	-0.012	190.4	-0.0098	1015.73	-0.018	182.5	-0.0053
1015.77	-0.01	190.5	-0.0071	1015.77	-0.017	182.5	-0.0009
1015.80	-0.008	190.6	-0.0053	1015.80	-0.017	182.5	0.0027
1015.83	-0.007	190.7	-0.0027	1015.83	-0.015	182.8	0.0071
1015.87	-0.005	190.9	-0.0027	1015.87	-0.011	183	0.0133
1015.90	-0.003	191	0.0009	1015.90	-0.009	183.2	0.0178
1015.93	-0.003	191	0.0036	1015.93	-0.007	183.6	0.024
1015.97	-0.002	191.2	0.0071	1015.97	-0.002	183.9	0.024
1016.00	0.001	191.4	0.0107	1016.00	0	183.9	0.0328
1016.03	0.003	191.6	0.0142	1016.03	0	184.2	0.0399
1016.07	0.004	191.8	0.0178	1016.07	0.002	184.7	0.047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1016.10	0.007	192.1	0.0222	1016.10	0.008	185	0.0559
1016.13	0.01	192.3	0.0222	1016.13	0.01	185.4	0.0621
1016.17	0.011	192.3	0.0257	1016.17	0.012	185.8	0.0692
1016.20	0.011	192.5	0.0293	1016.20	0.017	186.2	0.0692
1016.23	0.013	192.8	0.0337	1016.23	0.019	186.2	0.079
1016.27	0.016	193	0.0373	1016.27	0.019	186.6	0.0852
1016.30	0.017	193.2	0.0408	1016.30	0.021	187.1	0.0932
1016.33	0.018	193.5	0.0444	1016.33	0.026	187.6	0.1012
1016.37	0.021	193.7	0.0444	1016.37	0.027	187.9	0.1074
1016.42	0.022	194	0.0497	1016.40	0.029	188.4	0.1127
1016.45	0.022	194.1	0.0515	1016.43	0.032	188.8	0.1127
1016.48	0.024	194.4	0.0515	1016.47	0.033	188.8	0.1189
1016.50	0.025	194.4	0.0541	1016.50	0.033	189.1	0.1234
1016.53	0.025	194.6	0.0559	1016.53	0.035	189.5	0.1278
1016.57	0.026	194.8	0.0586	1016.57	0.037	189.8	0.1323
1016.60	0.027	195	0.0604	1016.60	0.038	190.1	0.134
1016.63	0.028	195.1	0.0612	1016.63	0.039	190.4	0.1367
1016.67	0.028	195.3	0.0621	1016.67	0.04	190.6	0.1367
1016.70	0.029	195.5	0.0621	1016.70	0.04	190.6	0.1394
1016.73	0.029	195.5	0.063	1016.73	0.04	190.8	0.1402
1016.77	0.029	195.6	0.063	1016.77	0.04	191	0.1402
1016.80	0.029	195.7	0.0639	1016.80	0.04	191.2	0.1402
1016.83	0.029	195.8	0.063	1016.85	0.04	191.3	0.1402
1016.87	0.028	195.9	0.063	1016.88	0.04	191.5	0.1402
1016.90	0.028	196	0.0621	1016.90	0.039	191.6	0.1402
1016.93	0.026	195.9	0.0621	1016.93	0.038	191.6	0.1385
1016.97	0.025	196	0.0604	1016.97	0.036	191.6	0.1358
1017.00	0.025	196	0.0595	1017.00	0.034	191.5	0.1358
1017.03	0.025	196	0.0586	1017.03	0.032	191.5	0.1331
1017.07	0.023	195.9	0.0559	1017.07	0.032	191.5	0.1305
1017.10	0.021	195.8	0.0541	1017.10	0.03	191.4	0.126
1017.13	0.021	195.8	0.0524	1017.13	0.026	191.2	0.1225
1017.17	0.018	195.6	0.0524	1017.17	0.025	191.1	0.1189
1017.20	0.016	195.5	0.0479	1017.20	0.023	190.9	0.1127
1017.23	0.016	195.5	0.0462	1017.23	0.019	190.6	0.1127
1017.27	0.015	195.4	0.0426	1017.27	0.017	190.6	0.1074
1017.30	0.012	195.1	0.0391	1017.30	0.017	190.3	0.1021
1017.33	0.01	195	0.0364	1017.33	0.014	190.1	0.095
1017.37	0.009	194.8	0.032	1017.37	0.009	189.6	0.0861
1017.40	0.006	194.5	0.032	1017.40	0.007	189.3	0.0799
1017.43	0.004	194.3	0.0284	1017.43	0.005	188.9	0.071
1017.47	0.004	194.3	0.0249	1017.47	0	188.4	0.071
1017.50	0.002	194.1	0.0204	1017.50	-0.002	188.4	0.063
1017.53	-0.001	193.8	0.016	1017.53	-0.002	188.1	0.0568
1017.57	-0.002	193.6	0.0133	1017.57	-0.004	187.7	0.0488
1017.60	-0.004	193.4	0.0089	1017.60	-0.009	187.2	0.0399
1017.63	-0.006	193	0.0089	1017.63	-0.011	186.7	0.0337
1017.67	-0.008	192.8	0.0053	1017.67	-0.013	186.3	0.0257
1017.70	-0.008	192.8	0.0027	1017.70	-0.017	185.8	0.0257
1017.73	-0.009	192.6	-0.0009	1017.73	-0.019	185.4	0.0178
1017.77	-0.011	192.3	-0.0044	1017.77	-0.019	185.4	0.0124
1017.80	-0.013	192	-0.0062	1017.80	-0.02	185	0.0062
1017.83	-0.013	191.8	-0.008	1017.83	-0.024	184.5	0.0009
1017.88	-0.014	191.6	-0.0107	1017.87	-0.024	184.2	-0.0018
1017.92	-0.015	191.4	-0.0115	1017.90	-0.025	183.9	-0.0053
1017.93	-0.015	191.2	-0.0133	1017.93	-0.027	183.5	-0.0053
1017.97	-0.016	191	-0.0133	1017.97	-0.028	183.2	-0.0089
1018.00	-0.017	190.9	-0.0151	1018.00	-0.028	183.2	-0.0115
1018.03	-0.017	190.9	-0.0151	1018.03	-0.028	183	-0.0124
1018.07	-0.017	190.8	-0.016	1018.07	-0.029	182.7	-0.0142
1018.10	-0.017	190.7	-0.016	1018.10	-0.029	182.6	-0.0142
1018.13	-0.017	190.5	-0.016	1018.13	-0.029	182.4	-0.0142
1018.17	-0.017	190.5	-0.016	1018.17	-0.028	182.3	-0.0142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1018.20	-0.016	190.4	-0.0151	1018.20	-0.027	182.2	-0.0142
1018.23	-0.015	190.4	-0.0151	1018.23	-0.027	182.2	-0.0133
1018.27	-0.015	190.4	-0.0142	1018.27	-0.026	182.2	-0.0115
1018.30	-0.015	190.4	-0.0142	1018.32	-0.023	182.2	-0.0098
1018.33	-0.014	190.4	-0.0124	1018.35	-0.022	182.2	-0.008
1018.37	-0.012	190.4	-0.0107	1018.37	-0.022	182.2	-0.0062
1018.40	-0.011	190.5	-0.0089	1018.40	-0.021	182.3	-0.0036
1018.43	-0.01	190.6	-0.0071	1018.43	-0.017	182.5	0.0009
1018.47	-0.007	190.7	-0.0071	1018.47	-0.016	182.6	0.0044
1018.50	-0.006	190.7	-0.0036	1018.50	-0.014	182.9	0.0089
1018.53	-0.006	190.7	-0.0018	1018.53	-0.01	183.1	0.0089
1018.57	-0.005	190.9	0.0018	1018.57	-0.007	183.1	0.0151
1018.60	-0.001	191.1	0.0053	1018.60	-0.007	183.4	0.0213
1018.63	-0.001	191.2	0.008	1018.63	-0.006	183.7	0.0275
1018.67	0.001	191.5	0.0124	1018.67	-0.001	184.1	0.0355
1018.70	0.005	191.7	0.0124	1018.70	0.001	184.4	0.0426
1018.73	0.005	191.7	0.016	1018.73	0.004	184.8	0.0515
1018.77	0.005	191.8	0.0195	1018.77	0.009	185.2	0.0515
1018.80	0.007	192.1	0.0231	1018.80	0.011	185.2	0.0595
1018.83	0.011	192.4	0.0284	1018.83	0.011	185.5	0.0657
1018.87	0.012	192.6	0.032	1018.87	0.014	186	0.0746
1018.90	0.013	192.8	0.0355	1018.90	0.019	186.4	0.0826
1018.93	0.017	193.1	0.0355	1018.93	0.02	186.8	0.0888
1018.97	0.017	193.1	0.0391	1018.97	0.022	187.3	0.0959
1019.00	0.017	193.3	0.0426	1019.00	0.027	187.8	0.0959
1019.03	0.019	193.6	0.0453	1019.03	0.028	187.8	0.1039
1019.07	0.022	193.8	0.0488	1019.07	0.028	188.1	0.1092
1019.10	0.023	194	0.0515	1019.10	0.03	188.5	0.1154
1019.13	0.023	194.2	0.0541	1019.13	0.033	188.9	0.1216
1019.17	0.026	194.5	0.0541	1019.17	0.034	189.2	0.1252
1019.20	0.026	194.5	0.0568	1019.20	0.036	189.6	0.1296
1019.23	0.026	194.7	0.0577	1019.23	0.038	189.9	0.1296
1019.27	0.027	194.9	0.0595	1019.27	0.038	189.9	0.1331
1019.30	0.028	195.1	0.0612	1019.30	0.038	190.2	0.1349
1019.35	0.028	195.2	0.0621	1019.33	0.039	190.5	0.1376
1019.38	0.029	195.4	0.063	1019.37	0.04	190.7	0.1394
1019.40	0.029	195.6	0.063	1019.40	0.04	190.9	0.1402
1019.43	0.029	195.7	0.0639	1019.43	0.04	191.1	0.1402
1019.47	0.029	195.8	0.0639	1019.47	0.04	191.3	0.1402
1019.50	0.029	195.9	0.0639	1019.50	0.04	191.3	0.1402
1019.53	0.028	195.9	0.0639	1019.53	0.04	191.4	0.1402
1019.57	0.028	195.9	0.063	1019.57	0.039	191.5	0.1394
1019.60	0.027	196	0.0621	1019.60	0.037	191.5	0.1385
1019.63	0.026	196	0.0604	1019.63	0.037	191.5	0.1367
1019.67	0.025	196	0.0595	1019.67	0.035	191.5	0.134
1019.70	0.024	196	0.0568	1019.70	0.032	191.4	0.134
1019.73	0.022	195.9	0.0568	1019.75	0.031	191.3	0.1287
1019.77	0.021	195.8	0.055	1019.78	0.029	191.3	0.126
1019.80	0.021	195.8	0.0533	1019.82	0.026	191.2	0.126
1019.83	0.02	195.7	0.0506	1019.83	0.024	191.2	0.1216
1019.87	0.017	195.6	0.0479	1019.87	0.024	191	0.1163
1019.90	0.015	195.4	0.0453	1019.90	0.022	190.7	0.1101
1019.93	0.014	195.3	0.0417	1019.93	0.017	190.4	0.1039
1019.97	0.012	195	0.0417	1019.97	0.016	190.2	0.0994
1020.00	0.009	194.8	0.0382	1020.00	0.013	189.8	0.0905
1020.03	0.009	194.8	0.0346	1020.03	0.007	189.4	0.0905
1020.07	0.008	194.7	0.0311	1020.07	0.006	189.4	0.0826
1020.10	0.005	194.4	0.0275	1020.10	0.006	189.1	0.0763
1020.13	0.003	194.2	0.0231	1020.13	0.003	188.7	0.0683
1020.17	0.002	194	0.0195	1020.17	-0.002	188.2	0.0595
1020.20	-0.001	193.7	0.0151	1020.20	-0.003	187.9	0.0524
1020.23	-0.004	193.4	0.0151	1020.23	-0.006	187.4	0.0444
1020.27	-0.004	193.4	0.0115	1020.27	-0.011	186.8	0.0444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1020.30	-0.005	193.2	0.0071	1020.30	-0.012	186.8	0.0355
1020.33	-0.006	192.9	0.0044	1020.33	-0.012	186.5	0.0302
1020.37	-0.009	192.6	0.0009	1020.37	-0.014	185.9	0.0222
1020.40	-0.01	192.4	-0.0018	1020.40	-0.019	185.5	0.0151
1020.43	-0.011	192.2	-0.0044	1020.43	-0.019	185.1	0.0089
1020.47	-0.013	191.9	-0.0044	1020.47	-0.021	184.7	0.0036
1020.50	-0.014	191.9	-0.0071	1020.50	-0.024	184.3	0.0036
1020.53	-0.014	191.8	-0.0089	1020.53	-0.025	184.3	-0.0009
1020.57	-0.015	191.5	-0.0107	1020.57	-0.025	184	-0.0036
1020.60	-0.016	191.3	-0.0124	1020.60	-0.026	183.6	-0.0071
1020.63	-0.016	191.2	-0.0142	1020.63	-0.028	183.3	-0.0107
1020.67	-0.017	191	-0.0151	1020.67	-0.028	183.1	-0.0115
1020.70	-0.017	190.8	-0.0151	1020.70	-0.028	182.9	-0.0133
1020.73	-0.017	190.8	-0.016	1020.73	-0.029	182.6	-0.0133
1020.78	-0.017	190.6	-0.0169	1020.77	-0.029	182.6	-0.0142
1020.82	-0.017	190.5	-0.0169	1020.80	-0.029	182.5	-0.0142
1020.83	-0.017	190.5	-0.0169	1020.83	-0.028	182.3	-0.0142
1020.87	-0.017	190.4	-0.016	1020.87	-0.028	182.3	-0.0133
1020.90	-0.016	190.3	-0.0151	1020.90	-0.027	182.2	-0.0124
1020.93	-0.015	190.4	-0.0142	1020.93	-0.026	182.2	-0.0107
1020.97	-0.014	190.3	-0.0133	1020.97	-0.023	182.2	-0.0107
1021.00	-0.014	190.4	-0.0115	1021.00	-0.023	182.2	-0.0089
1021.03	-0.012	190.4	-0.0115	1021.03	-0.023	182.2	-0.0071
1021.07	-0.011	190.4	-0.0098	1021.07	-0.021	182.3	-0.0036
1021.10	-0.011	190.5	-0.008	1021.10	-0.017	182.5	0
1021.13	-0.01	190.5	-0.0062	1021.13	-0.016	182.6	0.0044
1021.17	-0.007	190.7	-0.0036	1021.17	-0.014	182.8	0.0089
1021.20	-0.006	190.8	-0.0009	1021.22	-0.01	183.1	0.0151
1021.23	-0.004	190.9	0.0027	1021.25	-0.009	183.3	0.0178
1021.27	-0.001	191.2	0.0027	1021.27	-0.007	183.5	0.024
1021.30	0	191.3	0.0062	1021.30	-0.002	183.9	0.024
1021.33	0	191.3	0.0089	1021.33	0.001	184.2	0.0328
1021.37	0.002	191.4	0.0133	1021.37	0.001	184.2	0.0391
1021.40	0.005	191.7	0.0169	1021.40	0.003	184.5	0.0453
1021.43	0.007	191.9	0.0204	1021.43	0.007	185	0.0541
1021.47	0.008	192.1	0.0249	1021.47	0.01	185.3	0.0612
1021.50	0.011	192.4	0.0249	1021.50	0.012	185.7	0.0692
1021.53	0.013	192.7	0.0293	1021.53	0.016	186.2	0.0692
1021.57	0.013	192.7	0.0328	1021.57	0.019	186.6	0.0781
1021.60	0.014	192.9	0.0364	1021.60	0.019	186.6	0.0843
1021.63	0.017	193.2	0.0408	1021.63	0.021	187	0.0923
1021.67	0.019	193.4	0.0435	1021.67	0.025	187.5	0.1003
1021.70	0.02	193.6	0.047	1021.70	0.027	187.9	0.1065
1021.73	0.022	193.9	0.047	1021.73	0.029	188.3	0.1127
1021.77	0.023	194.1	0.0506	1021.77	0.032	188.8	0.1127
1021.80	0.023	194.1	0.0524	1021.80	0.034	189.1	0.1198
1021.83	0.024	194.3	0.055	1021.83	0.034	189.1	0.1234
1021.87	0.026	194.6	0.0577	1021.87	0.035	189.4	0.1278
1021.90	0.027	194.7	0.0586	1021.90	0.037	189.8	0.1314
1021.93	0.027	194.9	0.0604	1021.93	0.039	190.1	0.1349
1021.97	0.028	195.1	0.0604	1021.97	0.039	190.3	0.1367
1022.00	0.029	195.3	0.0621	1022.00	0.039	190.6	0.1367
1022.03	0.029	195.3	0.063	1022.03	0.041	190.8	0.1394
1022.07	0.029	195.4	0.063	1022.07	0.041	190.8	0.1402
1022.10	0.029	195.6	0.063	1022.10	0.04	191	0.1402
1022.13	0.029	195.7	0.063	1022.13	0.04	191.2	0.1402
1022.17	0.029	195.8	0.063	1022.17	0.04	191.3	0.1402
1022.20	0.028	195.9	0.063	1022.20	0.04	191.4	0.1402
1022.25	0.027	195.9	0.0621	1022.23	0.039	191.5	0.1402
1022.28	0.027	196	0.0621	1022.27	0.037	191.5	0.1402
1022.30	0.026	196	0.0604	1022.30	0.035	191.5	0.1376
1022.33	0.024	195.9	0.0604	1022.33	0.035	191.5	0.1358
1022.37	0.024	195.9	0.0586	1022.37	0.034	191.5	0.1331

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1022.40	0.024	195.9	0.0568	1022.40	0.031	191.4	0.1296
1022.43	0.022	195.8	0.055	1022.43	0.03	191.3	0.126
1022.47	0.02	195.7	0.0524	1022.47	0.027	191.1	0.1216
1022.50	0.019	195.7	0.0497	1022.50	0.023	190.9	0.1216
1022.53	0.017	195.5	0.047	1022.53	0.022	190.9	0.1163
1022.57	0.014	195.3	0.047	1022.57	0.022	190.7	0.1118
1022.60	0.013	195.3	0.0435	1022.60	0.02	190.4	0.1056
1022.63	0.013	195.2	0.0408	1022.65	0.014	190.1	0.0985
1022.67	0.011	194.9	0.0364	1022.68	0.014	189.9	0.095
1022.70	0.007	194.7	0.0328	1022.72	0.012	189.6	0.0879
1022.73	0.007	194.6	0.0302	1022.73	0.006	189.2	0.079
1022.77	0.005	194.3	0.0249	1022.77	0.005	188.9	0.0737
1022.80	0.001	194.1	0.0249	1022.80	0.002	188.4	0.0648
1022.83	0.001	194.1	0.0213	1022.83	-0.004	188	0.0648
1022.87	0.001	193.9	0.0178	1022.87	-0.005	188	0.055
1022.90	-0.001	193.6	0.0133	1022.90	-0.005	187.7	0.0497
1022.93	-0.004	193.3	0.0098	1022.93	-0.007	187.1	0.0417
1022.97	-0.005	193.1	0.0062	1022.97	-0.012	186.6	0.0337
1023.00	-0.006	192.8	0.0036	1023.00	-0.013	186.2	0.0275
1023.03	-0.01	192.6	0.0036	1023.03	-0.016	185.7	0.0195
1023.07	-0.01	192.6	-0.0009	1023.07	-0.02	185.3	0.0195
1023.10	-0.01	192.3	-0.0036	1023.10	-0.02	185.3	0.0124
1023.13	-0.012	192.1	-0.0062	1023.13	-0.02	185	0.008
1023.17	-0.014	191.8	-0.0089	1023.17	-0.022	184.5	0.0027
1023.20	-0.014	191.6	-0.0098	1023.20	-0.025	184.1	-0.0018
1023.23	-0.015	191.4	-0.0124	1023.23	-0.025	183.9	-0.0044
1023.27	-0.016	191.2	-0.0124	1023.27	-0.026	183.5	-0.008
1023.30	-0.017	191.2	-0.0142	1023.30	-0.028	183.2	-0.008
1023.33	-0.017	191	-0.0151	1023.33	-0.028	183.2	-0.0107
1023.37	-0.017	190.9	-0.0151	1023.37	-0.028	183	-0.0115
1023.40	-0.017	190.8	-0.016	1023.40	-0.028	182.8	-0.0124
1023.43	-0.017	190.6	-0.016	1023.43	-0.029	182.6	-0.0133
1023.47	-0.017	190.5	-0.0169	1023.47	-0.029	182.4	-0.0142
1023.50	-0.017	190.4	-0.0169	1023.50	-0.028	182.3	-0.0133
1023.53	-0.016	190.4	-0.0169	1023.53	-0.027	182.2	-0.0133
1023.57	-0.016	190.4	-0.016	1023.57	-0.026	182.2	-0.0124
1023.60	-0.016	190.3	-0.0151	1023.60	-0.026	182.1	-0.0115
1023.63	-0.014	190.4	-0.0133	1023.63	-0.025	182.2	-0.0089
1023.68	-0.013	190.4	-0.0124	1023.67	-0.023	182.2	-0.0071
1023.72	-0.013	190.3	-0.0115	1023.70	-0.021	182.3	-0.0044
1023.75	-0.011	190.4	-0.0098	1023.73	-0.02	182.4	-0.0009
1023.77	-0.01	190.5	-0.008	1023.77	-0.016	182.6	-0.0009
1023.80	-0.009	190.5	-0.0044	1023.80	-0.015	182.6	0.0036
1023.83	-0.007	190.7	-0.0044	1023.83	-0.015	182.6	0.0062
1023.87	-0.005	190.8	-0.0018	1023.87	-0.013	182.9	0.0124
1023.90	-0.005	190.8	0	1023.90	-0.008	183.2	0.0186
1023.93	-0.004	191	0.0044	1023.93	-0.006	183.5	0.024
1023.97	0	191.2	0.008	1023.97	-0.004	183.8	0.0311
1024.00	0.002	191.4	0.0107	1024.00	0.001	184.2	0.0311
1024.03	0.003	191.5	0.0151	1024.03	0.003	184.2	0.0391
1024.07	0.005	191.8	0.0151	1024.07	0.003	184.5	0.0462
1024.10	0.008	192	0.0186	1024.12	0.009	185.2	0.0541
1024.13	0.008	192	0.0222	1024.15	0.011	185.2	0.0595
1024.17	0.009	192.2	0.0275	1024.17	0.011	185.5	0.0657
1024.20	0.012	192.5	0.032	1024.20	0.013	185.9	0.0737
1024.23	0.014	192.7	0.0346	1024.23	0.018	186.4	0.0826
1024.27	0.015	193	0.0382	1024.27	0.02	186.8	0.0888
1024.30	0.017	193.3	0.0382	1024.30	0.022	187.2	0.0959
1024.33	0.02	193.5	0.0417	1024.33	0.026	187.7	0.0959
1024.37	0.02	193.5	0.0453	1024.37	0.028	188.1	0.1047
1024.40	0.021	193.7	0.0479	1024.40	0.028	188.1	0.1101
1024.43	0.022	194	0.0515	1024.43	0.03	188.5	0.1154
1024.47	0.024	194.2	0.0533	1024.47	0.033	188.9	0.1216

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1024.50	0.025	194.4	0.0559	1024.50	0.035	189.2	0.126
1024.53	0.026	194.6	0.0586	1024.53	0.036	189.5	0.1305
1024.57	0.027	194.8	0.0586	1024.57	0.038	189.9	0.1305
1024.60	0.028	194.8	0.0595	1024.60	0.039	190.2	0.134
1024.63	0.028	195	0.0604	1024.63	0.039	190.2	0.1367
1024.67	0.028	195.1	0.0621	1024.67	0.039	190.4	0.1385
1024.70	0.029	195.3	0.063	1024.70	0.04	190.7	0.1402
1024.73	0.029	195.5	0.063	1024.73	0.04	190.9	0.1402
1024.77	0.029	195.6	0.063	1024.77	0.04	191.1	0.1402
1024.80	0.029	195.7	0.063	1024.80	0.04	191.2	0.1411
1024.83	0.029	195.7	0.063	1024.83	0.04	191.3	0.1411
1024.87	0.029	195.8	0.063	1024.87	0.04	191.3	0.1411
1024.90	0.028	195.9	0.063	1024.90	0.039	191.5	0.1402
1024.93	0.027	195.9	0.0612	1024.93	0.038	191.5	0.1394
1024.97	0.026	195.9	0.0604	1024.97	0.036	191.5	0.1367
1025.00	0.025	195.9	0.0586	1025.00	0.035	191.5	0.134
1025.03	0.023	195.8	0.0586	1025.03	0.033	191.4	0.1314
1025.07	0.022	195.8	0.0568	1025.07	0.03	191.3	0.1314
1025.10	0.022	195.8	0.055	1025.10	0.029	191.3	0.1278
1025.15	0.019	195.7	0.0524	1025.13	0.029	191.2	0.1243
1025.18	0.018	195.7	0.0515	1025.17	0.026	191	0.1198
1025.20	0.018	195.6	0.0488	1025.20	0.022	190.8	0.1145
1025.23	0.017	195.4	0.0453	1025.23	0.021	190.6	0.1092
1025.27	0.013	195.2	0.0417	1025.27	0.018	190.3	0.1039
1025.30	0.012	195.1	0.0391	1025.30	0.014	190	0.1039
1025.33	0.011	194.8	0.0355	1025.33	0.012	190	0.0968
1025.37	0.006	194.6	0.0355	1025.37	0.012	189.7	0.0897
1025.40	0.006	194.6	0.0311	1025.40	0.009	189.3	0.0817
1025.43	0.006	194.5	0.0284	1025.43	0.003	188.9	0.0737
1025.47	0.004	194.2	0.024	1025.47	0.002	188.6	0.0675
1025.50	0.001	193.9	0.0195	1025.50	-0.001	188.1	0.0595
1025.53	0	193.7	0.0169	1025.53	-0.005	187.6	0.0595
1025.57	-0.002	193.4	0.0124	1025.58	-0.007	187.3	0.0453
1025.60	-0.006	193.2	0.0124	1025.62	-0.008	186.8	0.0399
1025.63	-0.006	193.2	0.008	1025.63	-0.013	186.4	0.0399
1025.67	-0.006	193	0.0044	1025.67	-0.014	186.4	0.0311
1025.70	-0.007	192.7	0.0018	1025.70	-0.014	186	0.0249
1025.73	-0.01	192.4	-0.0018	1025.73	-0.016	185.5	0.0178
1025.77	-0.011	192.2	-0.0044	1025.77	-0.02	185.1	0.0115
1025.80	-0.012	192	-0.0071	1025.80	-0.021	184.7	0.0062
1025.83	-0.014	191.7	-0.0071	1025.83	-0.023	184.4	0.0018
1025.87	-0.014	191.7	-0.0098	1025.87	-0.025	184	0.0018
1025.90	-0.014	191.5	-0.0107	1025.90	-0.026	184	-0.0027
1025.93	-0.015	191.3	-0.0133	1025.93	-0.026	183.7	-0.0053
1025.97	-0.017	191.1	-0.0142	1025.97	-0.027	183.4	-0.0089
1026.00	-0.017	190.9	-0.0151	1026.00	-0.028	183.1	-0.0107
1026.03	-0.017	190.8	-0.016	1026.03	-0.029	182.8	-0.0124
1026.07	-0.017	190.7	-0.016	1026.07	-0.029	182.6	-0.0133
1026.10	-0.017	190.7	-0.0169	1026.10	-0.029	182.5	-0.0133
1026.13	-0.017	190.5	-0.0169	1026.13	-0.028	182.5	-0.0142
1026.17	-0.017	190.5	-0.016	1026.17	-0.028	182.3	-0.0133
1026.20	-0.017	190.4	-0.016	1026.20	-0.028	182.2	-0.0133
1026.23	-0.016	190.4	-0.0151	1026.23	-0.027	182.2	-0.0115
1026.27	-0.015	190.3	-0.0142	1026.27	-0.026	182.1	-0.0107
1026.30	-0.014	190.3	-0.0142	1026.30	-0.025	182.1	-0.0089
1026.33	-0.013	190.3	-0.0133	1026.33	-0.022	182.2	-0.0089
1026.37	-0.013	190.4	-0.0115	1026.37	-0.021	182.3	-0.0062
1026.40	-0.012	190.4	-0.0098	1026.40	-0.021	182.3	-0.0036
1026.43	-0.01	190.5	-0.0071	1026.43	-0.019	182.4	0.0009
1026.47	-0.009	190.6	-0.0053	1026.47	-0.015	182.6	0.0053
1026.50	-0.007	190.7	-0.0018	1026.50	-0.013	182.8	0.0089
1026.53	-0.005	190.8	-0.0018	1026.53	-0.012	182.9	0.0142
1026.58	-0.003	191	0.0036	1026.57	-0.008	183.3	0.0142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1026.62	-0.003	191.1	0.0053	1026.60	-0.005	183.6	0.0204
1026.65	0	191.3	0.0053	1026.63	-0.005	183.6	0.0275
1026.67	0.002	191.4	0.0089	1026.67	-0.003	183.9	0.0346
1026.70	0.002	191.4	0.0124	1026.70	0.002	184.3	0.0435
1026.73	0.003	191.6	0.0169	1026.73	0.005	184.7	0.0497
1026.77	0.007	191.9	0.0213	1026.77	0.007	185	0.0577
1026.80	0.009	192.1	0.024	1026.80	0.011	185.5	0.0577
1026.83	0.01	192.3	0.0284	1026.83	0.014	185.9	0.0666
1026.87	0.013	192.6	0.0284	1026.87	0.014	185.9	0.0737
1026.90	0.015	192.8	0.0328	1026.90	0.016	186.2	0.0808
1026.93	0.015	192.8	0.0364	1026.93	0.02	186.7	0.0888
1026.97	0.016	193.1	0.0399	1026.97	0.023	187.2	0.0959
1027.00	0.019	193.3	0.0435	1027.02	0.024	187.5	0.1021
1027.03	0.02	193.6	0.0462	1027.05	0.027	187.9	0.1065
1027.07	0.021	193.8	0.0488	1027.08	0.029	188.3	0.1118
1027.10	0.023	194.1	0.0488	1027.10	0.03	188.7	0.1181
1027.13	0.024	194.3	0.0524	1027.13	0.033	189.1	0.1243
1027.17	0.024	194.3	0.0541	1027.17	0.036	189.4	0.1243
1027.20	0.025	194.5	0.0568	1027.20	0.036	189.4	0.1287
1027.23	0.026	194.7	0.0586	1027.23	0.037	189.7	0.1323
1027.27	0.027	194.9	0.0604	1027.27	0.038	190.1	0.1349
1027.30	0.028	195	0.0612	1027.30	0.039	190.3	0.1376
1027.33	0.028	195.2	0.0612	1027.33	0.04	190.6	0.1394
1027.37	0.029	195.4	0.0621	1027.37	0.04	190.8	0.1402
1027.40	0.029	195.4	0.063	1027.40	0.04	191	0.1402
1027.43	0.029	195.5	0.063	1027.43	0.04	191	0.1411
1027.47	0.029	195.6	0.0639	1027.47	0.04	191.2	0.1411
1027.50	0.029	195.7	0.0639	1027.50	0.04	191.3	0.1411
1027.53	0.028	195.8	0.063	1027.53	0.04	191.4	0.1411
1027.57	0.028	195.9	0.063	1027.57	0.039	191.5	0.1402
1027.60	0.026	195.9	0.0621	1027.60	0.038	191.5	0.1385
1027.63	0.026	195.9	0.0612	1027.63	0.035	191.5	0.1385
1027.67	0.026	195.9	0.0595	1027.67	0.034	191.5	0.1358
1027.70	0.024	195.9	0.0577	1027.70	0.034	191.5	0.134
1027.73	0.022	195.8	0.0559	1027.73	0.033	191.4	0.1305
1027.77	0.022	195.8	0.0533	1027.77	0.029	191.3	0.1269
1027.80	0.02	195.6	0.0506	1027.80	0.027	191.2	0.1234
1027.83	0.017	195.5	0.0506	1027.83	0.026	191	0.1181
1027.87	0.017	195.5	0.0488	1027.87	0.021	190.7	0.1181
1027.90	0.017	195.4	0.0462	1027.90	0.019	190.7	0.1127
1027.93	0.015	195.2	0.0426	1027.93	0.019	190.5	0.1083
1027.97	0.012	195	0.0391	1027.97	0.017	190.3	0.1012
1028.00	0.01	194.9	0.0355	1028.00	0.012	189.9	0.0932
1028.05	0.008	194.6	0.032	1028.03	0.01	189.6	0.087
1028.08	0.006	194.5	0.0302	1028.07	0.007	189.2	0.079
1028.10	0.005	194.3	0.0257	1028.10	0.002	188.8	0.079
1028.13	0.004	194.1	0.0222	1028.13	0	188.8	0.071
1028.17	0	193.8	0.0222	1028.17	0	188.4	0.0648
1028.20	-0.001	193.8	0.0178	1028.20	-0.002	188	0.0559
1028.23	-0.001	193.6	0.0142	1028.23	-0.007	187.5	0.047
1028.27	-0.003	193.3	0.0107	1028.27	-0.009	187.1	0.0408
1028.30	-0.006	193	0.0071	1028.30	-0.011	186.6	0.0328
1028.33	-0.007	192.8	0.0044	1028.33	-0.015	186.1	0.0328
1028.37	-0.008	192.5	0	1028.37	-0.017	185.7	0.0249
1028.40	-0.011	192.3	0	1028.40	-0.017	185.7	0.0186
1028.43	-0.011	192.3	-0.0036	1028.43	-0.018	185.3	0.0124
1028.47	-0.011	192	-0.0053	1028.48	-0.023	184.5	0.0062
1028.50	-0.013	191.8	-0.008	1028.52	-0.023	184.5	0.0036
1028.53	-0.015	191.6	-0.0107	1028.53	-0.023	184.2	0
1028.57	-0.015	191.4	-0.0115	1028.57	-0.025	183.8	-0.0044
1028.60	-0.016	191.2	-0.0133	1028.60	-0.027	183.5	-0.0071
1028.63	-0.017	191	-0.0133	1028.63	-0.027	183.2	-0.0089
1028.67	-0.017	191	-0.0142	1028.67	-0.028	182.9	-0.0089

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1028.70	-0.017	190.9	-0.0151	1028.70	-0.029	182.7	-0.0115
1028.73	-0.017	190.7	-0.016	1028.73	-0.029	182.7	-0.0133
1028.77	-0.017	190.6	-0.016	1028.77	-0.029	182.5	-0.0133
1028.80	-0.017	190.5	-0.016	1028.80	-0.029	182.4	-0.0133
1028.83	-0.017	190.4	-0.016	1028.83	-0.028	182.2	-0.0142
1028.87	-0.016	190.4	-0.016	1028.87	-0.028	182.2	-0.0124
1028.90	-0.015	190.4	-0.0151	1028.90	-0.027	182.2	-0.0115
1028.93	-0.015	190.3	-0.0142	1028.93	-0.025	182.1	-0.0115
1028.97	-0.015	190.3	-0.0133	1028.97	-0.025	182.1	-0.0098
1029.00	-0.014	190.3	-0.0124	1029.00	-0.024	182.1	-0.008
1029.03	-0.013	190.4	-0.0107	1029.03	-0.022	182.2	-0.0053
1029.07	-0.011	190.4	-0.008	1029.07	-0.019	182.4	-0.0018
1029.10	-0.009	190.5	-0.008	1029.10	-0.018	182.4	0.0018
1029.13	-0.008	190.5	-0.0062	1029.13	-0.015	182.7	0.0062
1029.17	-0.008	190.6	-0.0036	1029.17	-0.012	182.9	0.0062
1029.20	-0.006	190.7	-0.0009	1029.20	-0.012	182.9	0.0115
1029.23	-0.004	190.9	0.0027	1029.23	-0.01	183.1	0.0169
1029.27	-0.002	191	0.0053	1029.27	-0.007	183.5	0.0231
1029.30	-0.001	191.2	0.0089	1029.30	-0.003	183.7	0.0311
1029.33	0.003	191.4	0.0089	1029.33	-0.001	184	0.0373
1029.37	0.004	191.6	0.0124	1029.37	0.002	184.5	0.0462
1029.40	0.004	191.6	0.016	1029.40	0.007	184.8	0.0462
1029.43	0.005	191.8	0.0195	1029.43	0.007	184.8	0.0533
1029.47	0.009	192.1	0.024	1029.47	0.008	185.1	0.0604
1029.52	0.01	192.3	0.0284	1029.50	0.012	185.7	0.0683
1029.55	0.011	192.4	0.0302	1029.53	0.016	186	0.0763
1029.57	0.013	192.7	0.0346	1029.57	0.017	186.4	0.0843
1029.60	0.016	193	0.0373	1029.60	0.021	187	0.0923
1029.63	0.016	193.2	0.0408	1029.63	0.025	187.4	0.0923
1029.67	0.019	193.5	0.0408	1029.67	0.025	187.4	0.0985
1029.70	0.021	193.7	0.0444	1029.70	0.026	187.7	0.1056
1029.73	0.021	193.7	0.0479	1029.73	0.028	188.2	0.1118
1029.77	0.022	193.9	0.0515	1029.77	0.032	188.6	0.1181
1029.80	0.024	194.2	0.0541	1029.80	0.033	188.9	0.1234
1029.83	0.025	194.4	0.0559	1029.83	0.034	189.3	0.1278
1029.87	0.026	194.5	0.0586	1029.87	0.037	189.6	0.1278
1029.90	0.027	194.8	0.0586	1029.92	0.038	189.9	0.134
1029.93	0.028	195	0.0595	1029.95	0.038	190.2	0.1358
1029.97	0.028	195	0.0604	1029.98	0.039	190.4	0.1358
1030.00	0.028	195.1	0.0612	1030.00	0.04	190.4	0.1385
1030.03	0.028	195.3	0.063	1030.03	0.04	190.7	0.1402
1030.07	0.029	195.5	0.0639	1030.07	0.04	190.9	0.1402
1030.10	0.029	195.6	0.0639	1030.10	0.04	191.1	0.1402
1030.13	0.029	195.7	0.0639	1030.13	0.04	191.2	0.1411
1030.17	0.029	195.8	0.0639	1030.17	0.04	191.4	0.1411
1030.20	0.029	195.8	0.0639	1030.20	0.039	191.5	0.1411
1030.23	0.028	195.9	0.063	1030.23	0.038	191.5	0.1411
1030.27	0.027	195.9	0.0621	1030.27	0.038	191.5	0.1402
1030.30	0.026	195.9	0.0604	1030.30	0.037	191.5	0.1376
1030.33	0.025	195.9	0.0586	1030.33	0.034	191.5	0.1349
1030.37	0.024	195.8	0.0568	1030.37	0.033	191.5	0.1331
1030.40	0.022	195.8	0.0568	1030.40	0.031	191.4	0.1296
1030.43	0.022	195.8	0.055	1030.43	0.027	191.2	0.1296
1030.47	0.021	195.7	0.0533	1030.47	0.026	191.2	0.1252
1030.50	0.019	195.6	0.0506	1030.50	0.026	191.2	0.1225
1030.53	0.017	195.4	0.0479	1030.53	0.024	190.9	0.1163
1030.57	0.016	195.3	0.0444	1030.57	0.019	190.6	0.1101
1030.60	0.014	195.1	0.0417	1030.60	0.018	190.4	0.1056
1030.63	0.01	194.9	0.0417	1030.63	0.016	190.1	0.0985
1030.67	0.01	194.9	0.0373	1030.67	0.01	189.7	0.0985
1030.70	0.01	194.8	0.0346	1030.70	0.009	189.7	0.0905
1030.73	0.007	194.5	0.0311	1030.73	0.009	189.4	0.0843
1030.77	0.004	194.3	0.0275	1030.77	0.006	189	0.0763

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1030.80	0.004	194.1	0.0231	1030.80	0	188.5	0.0666
1030.83	-0.002	193.8	0.0195	1030.83	-0.001	188.2	0.0604
1030.87	-0.002	193.6	0.0195	1030.87	-0.003	187.8	0.0533
1030.90	-0.003	193.6	0.0151	1030.90	-0.008	187.3	0.0533
1030.95	-0.004	193.2	0.0098	1030.93	-0.01	187.3	0.0444
1030.98	-0.006	192.9	0.0098	1030.97	-0.01	186.9	0.0382
1031.02	-0.007	192.9	0.0062	1031.00	-0.012	186.4	0.0302
1031.03	-0.007	192.7	0.0036	1031.03	-0.016	185.9	0.0213
1031.07	-0.009	192.4	-0.0009	1031.07	-0.018	185.5	0.0169
1031.10	-0.012	192.1	-0.0044	1031.10	-0.019	185.1	0.0107
1031.13	-0.012	191.9	-0.0062	1031.13	-0.023	184.6	0.0107
1031.17	-0.013	191.7	-0.0089	1031.17	-0.023	184.6	0.0044
1031.20	-0.015	191.5	-0.0089	1031.20	-0.023	184.3	0.0009
1031.23	-0.015	191.5	-0.0115	1031.23	-0.025	184	-0.0036
1031.27	-0.015	191.3	-0.0115	1031.27	-0.027	183.6	-0.0071
1031.30	-0.016	191.1	-0.0133	1031.30	-0.028	183.3	-0.0089
1031.33	-0.017	190.9	-0.0151	1031.33	-0.028	183	-0.0107
1031.37	-0.017	190.8	-0.0151	1031.38	-0.028	182.8	-0.0124
1031.40	-0.017	190.6	-0.016	1031.42	-0.029	182.6	-0.0133
1031.43	-0.017	190.5	-0.016	1031.43	-0.029	182.4	-0.0133
1031.47	-0.017	190.5	-0.016	1031.47	-0.029	182.3	-0.0133
1031.50	-0.017	190.4	-0.016	1031.50	-0.028	182.2	-0.0133
1031.53	-0.017	190.4	-0.0151	1031.53	-0.028	182.2	-0.0133
1031.57	-0.016	190.4	-0.0142	1031.57	-0.027	182.1	-0.0115
1031.60	-0.015	190.3	-0.0142	1031.60	-0.026	182.1	-0.0107
1031.63	-0.015	190.3	-0.0124	1031.63	-0.024	182.1	-0.0089
1031.67	-0.013	190.3	-0.0124	1031.67	-0.023	182.1	-0.0062
1031.70	-0.012	190.3	-0.0115	1031.70	-0.021	182.3	-0.0027
1031.73	-0.012	190.4	-0.0098	1031.73	-0.018	182.4	-0.0027
1031.77	-0.011	190.4	-0.0071	1031.77	-0.018	182.4	0.0009
1031.80	-0.008	190.6	-0.0044	1031.80	-0.017	182.5	0.0044
1031.83	-0.007	190.6	-0.0027	1031.83	-0.014	182.8	0.0089
1031.87	-0.006	190.8	0.0009	1031.87	-0.011	183	0.0142
1031.90	-0.002	191	0.0009	1031.90	-0.009	183.1	0.0186
1031.93	-0.002	191	0.0044	1031.93	-0.006	183.5	0.0257
1031.97	-0.002	191.1	0.0071	1031.97	-0.002	183.9	0.0257
1032.00	0	191.3	0.0107	1032.00	0	183.9	0.0337
1032.03	0.004	191.5	0.0142	1032.03	0	184.1	0.0399
1032.07	0.004	191.7	0.0178	1032.07	0.003	184.6	0.0479
1032.10	0.006	191.9	0.0222	1032.10	0.008	185	0.0568
1032.13	0.01	192.2	0.0222	1032.13	0.009	185.3	0.063
1032.17	0.011	192.2	0.0257	1032.17	0.012	185.8	0.0719
1032.20	0.011	192.4	0.0293	1032.20	0.017	186.2	0.0719
1032.23	0.012	192.6	0.0337	1032.23	0.019	186.2	0.0799
1032.27	0.015	192.9	0.0382	1032.27	0.019	186.5	0.0861
1032.30	0.017	193.1	0.0417	1032.30	0.021	187.1	0.0941
1032.33	0.018	193.4	0.0453	1032.33	0.025	187.5	0.1021
1032.37	0.021	193.6	0.0453	1032.37	0.026	187.9	0.1074
1032.42	0.022	193.9	0.0506	1032.40	0.029	188.3	0.1145
1032.45	0.023	194	0.0515	1032.43	0.033	188.7	0.1145
1032.47	0.024	194.3	0.0515	1032.47	0.034	188.7	0.1207
1032.50	0.025	194.5	0.0541	1032.50	0.034	189	0.1243
1032.53	0.025	194.5	0.0568	1032.53	0.035	189.4	0.1287
1032.57	0.026	194.7	0.0586	1032.57	0.037	189.7	0.1323
1032.60	0.027	194.9	0.0604	1032.60	0.038	190	0.1358
1032.63	0.028	195.1	0.0621	1032.63	0.039	190.3	0.1385
1032.67	0.028	195.2	0.063	1032.67	0.04	190.6	0.1385
1032.70	0.029	195.4	0.063	1032.70	0.04	190.6	0.1394
1032.73	0.029	195.5	0.063	1032.73	0.04	190.8	0.1402
1032.77	0.029	195.5	0.0639	1032.77	0.04	191	0.1402
1032.80	0.029	195.7	0.0639	1032.80	0.04	191.1	0.1402
1032.83	0.029	195.8	0.0639	1032.85	0.04	191.3	0.1402
1032.87	0.029	195.8	0.0639	1032.88	0.04	191.4	0.1402

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1032.90	0.028	195.9	0.063	1032.90	0.039	191.5	0.1402
1032.93	0.027	195.9	0.0612	1032.93	0.038	191.5	0.1394
1032.97	0.025	195.9	0.0612	1032.97	0.036	191.5	0.1367
1033.00	0.025	195.9	0.0604	1033.00	0.033	191.5	0.1367
1033.03	0.025	195.9	0.0586	1033.03	0.032	191.5	0.134
1033.07	0.023	195.8	0.0568	1033.07	0.032	191.4	0.1314
1033.10	0.021	195.8	0.0541	1033.10	0.031	191.3	0.1278
1033.13	0.02	195.7	0.0533	1033.13	0.026	191.1	0.1234
1033.17	0.019	195.6	0.0497	1033.17	0.025	191	0.1198
1033.20	0.016	195.4	0.0497	1033.20	0.023	190.8	0.1136
1033.23	0.015	195.4	0.047	1033.23	0.019	190.5	0.1136
1033.27	0.015	195.3	0.0444	1033.27	0.017	190.3	0.1074
1033.30	0.013	195.1	0.0408	1033.30	0.017	190.3	0.1021
1033.33	0.01	194.9	0.0364	1033.33	0.014	190	0.095
1033.37	0.009	194.7	0.0337	1033.37	0.009	189.6	0.087
1033.40	0.007	194.5	0.0302	1033.40	0.007	189.3	0.0808
1033.43	0.003	194.2	0.0302	1033.43	0.005	188.9	0.0728
1033.47	0.002	194.2	0.0249	1033.47	0	188.4	0.0728
1033.50	0.002	194.1	0.0222	1033.50	-0.003	188	0.0639
1033.53	0.001	193.8	0.0178	1033.53	-0.003	188	0.0568
1033.57	-0.003	193.5	0.0133	1033.57	-0.004	187.6	0.0488
1033.60	-0.004	193.3	0.0098	1033.60	-0.009	187.1	0.0408
1033.63	-0.005	193	0.0062	1033.63	-0.011	186.6	0.0346
1033.67	-0.008	192.7	0.0062	1033.67	-0.013	186.2	0.0275
1033.70	-0.009	192.7	0.0027	1033.70	-0.016	185.7	0.0275
1033.73	-0.009	192.5	0	1033.73	-0.019	185.3	0.0186
1033.77	-0.01	192.2	-0.0036	1033.77	-0.019	185.3	0.0133
1033.80	-0.013	192	-0.0062	1033.80	-0.02	184.9	0.008
1033.85	-0.013	191.8	-0.008	1033.83	-0.022	184.4	0.0027
1033.88	-0.014	191.6	-0.0098	1033.87	-0.025	184.1	-0.0018
1033.92	-0.015	191.4	-0.0115	1033.90	-0.025	183.8	-0.0044
1033.93	-0.016	191.2	-0.0124	1033.93	-0.027	183.4	-0.0044
1033.97	-0.016	191	-0.0133	1033.97	-0.028	183.1	-0.008
1034.00	-0.017	190.8	-0.0133	1034.00	-0.028	183.1	-0.0107
1034.03	-0.017	190.8	-0.0151	1034.03	-0.028	182.9	-0.0115
1034.07	-0.017	190.7	-0.016	1034.07	-0.029	182.7	-0.0133
1034.10	-0.017	190.6	-0.016	1034.10	-0.029	182.5	-0.0133
1034.13	-0.017	190.5	-0.016	1034.13	-0.029	182.4	-0.0133
1034.17	-0.017	190.4	-0.016	1034.17	-0.028	182.2	-0.0133
1034.20	-0.017	190.3	-0.0151	1034.20	-0.027	182.2	-0.0133
1034.23	-0.016	190.3	-0.0151	1034.23	-0.027	182.2	-0.0124
1034.27	-0.015	190.3	-0.0142	1034.28	-0.025	182.1	-0.0098
1034.30	-0.015	190.3	-0.0133	1034.32	-0.024	182.1	-0.0098
1034.33	-0.014	190.3	-0.0115	1034.33	-0.023	182.1	-0.0089
1034.37	-0.012	190.4	-0.0107	1034.37	-0.023	182.1	-0.0062
1034.40	-0.011	190.4	-0.0089	1034.40	-0.021	182.3	-0.0027
1034.43	-0.01	190.4	-0.0062	1034.43	-0.017	182.4	0.0018
1034.47	-0.007	190.6	-0.0062	1034.47	-0.016	182.5	0.0053
1034.50	-0.006	190.7	-0.0036	1034.50	-0.014	182.8	0.0098
1034.53	-0.006	190.7	-0.0018	1034.53	-0.009	183	0.0098
1034.57	-0.005	190.8	0.0018	1034.57	-0.008	183	0.0151
1034.60	-0.002	191	0.0053	1034.60	-0.008	183.2	0.0213
1034.63	0	191.2	0.008	1034.63	-0.005	183.7	0.0293
1034.67	0.001	191.3	0.0115	1034.67	0	184	0.0373
1034.70	0.004	191.6	0.0115	1034.70	0.001	184.3	0.0435
1034.73	0.006	191.8	0.016	1034.73	0.004	184.8	0.0515
1034.77	0.006	191.8	0.0195	1034.77	0.01	185.2	0.0515
1034.80	0.007	192	0.0231	1034.80	0.011	185.2	0.0612
1034.83	0.01	192.3	0.0284	1034.83	0.011	185.4	0.0666
1034.87	0.012	192.5	0.032	1034.87	0.013	185.9	0.0746
1034.90	0.013	192.7	0.0355	1034.90	0.019	186.3	0.0834
1034.93	0.016	193	0.0391	1034.93	0.02	186.7	0.0897
1034.97	0.018	193.2	0.0391	1034.97	0.022	187.2	0.0976

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1035.00	0.019	193.2	0.0426	1035.00	0.027	187.7	0.0976
1035.03	0.019	193.4	0.0453	1035.03	0.028	187.7	0.1047
1035.07	0.02	193.7	0.0488	1035.07	0.028	188	0.1101
1035.10	0.023	194	0.0515	1035.10	0.03	188.5	0.1163
1035.13	0.024	194.2	0.0541	1035.13	0.034	188.9	0.1225
1035.17	0.024	194.4	0.0568	1035.17	0.034	189.2	0.126
1035.20	0.026	194.6	0.0568	1035.20	0.035	189.6	0.1314
1035.23	0.027	194.6	0.0586	1035.23	0.038	189.9	0.1314
1035.27	0.027	194.8	0.0604	1035.27	0.039	189.9	0.1349
1035.32	0.028	195.1	0.0612	1035.30	0.039	190.1	0.1367
1035.35	0.028	195.1	0.0621	1035.33	0.039	190.4	0.1394
1035.37	0.028	195.3	0.063	1035.37	0.04	190.6	0.1402
1035.40	0.029	195.4	0.0639	1035.40	0.04	190.8	0.1402
1035.43	0.029	195.6	0.0639	1035.43	0.04	191	0.1411
1035.47	0.029	195.7	0.0639	1035.47	0.04	191.2	0.1411
1035.50	0.029	195.8	0.0639	1035.50	0.04	191.2	0.1411
1035.53	0.028	195.9	0.0639	1035.53	0.04	191.3	0.1411
1035.57	0.027	195.9	0.0639	1035.57	0.039	191.4	0.1411
1035.60	0.027	195.9	0.0621	1035.60	0.038	191.4	0.1402
1035.63	0.027	195.9	0.0612	1035.63	0.036	191.5	0.1376
1035.67	0.025	195.9	0.0595	1035.67	0.035	191.4	0.1349
1035.70	0.024	195.9	0.0586	1035.70	0.032	191.3	0.1349
1035.73	0.023	195.9	0.0559	1035.75	0.03	191.3	0.1287
1035.77	0.021	195.7	0.0559	1035.78	0.03	191.3	0.1269
1035.80	0.019	195.7	0.0541	1035.80	0.026	191	0.1269
1035.83	0.019	195.7	0.0515	1035.83	0.024	190.9	0.1225
1035.87	0.018	195.6	0.0488	1035.87	0.024	190.9	0.1181
1035.90	0.015	195.4	0.0462	1035.90	0.022	190.7	0.1127
1035.93	0.014	195.2	0.0435	1035.93	0.018	190.3	0.1056
1035.97	0.012	195	0.0391	1035.97	0.015	190.1	0.1003
1036.00	0.009	194.8	0.0391	1036.00	0.013	189.8	0.0932
1036.03	0.008	194.8	0.0355	1036.03	0.008	189.4	0.0932
1036.07	0.008	194.6	0.0328	1036.07	0.006	189.1	0.0843
1036.10	0.006	194.4	0.0284	1036.10	0.006	189.1	0.0781
1036.13	0.003	194.2	0.024	1036.13	0.004	188.7	0.0701
1036.17	0.001	194	0.0204	1036.17	-0.001	188.2	0.0612
1036.20	0	193.7	0.016	1036.20	-0.004	187.8	0.0533
1036.23	-0.003	193.4	0.016	1036.23	-0.006	187.4	0.0462
1036.27	-0.005	193.2	0.0124	1036.27	-0.01	186.8	0.0462
1036.30	-0.005	193.2	0.0089	1036.30	-0.012	186.4	0.0382
1036.33	-0.006	193	0.0053	1036.33	-0.012	186.4	0.0311
1036.37	-0.008	192.6	0.0018	1036.37	-0.014	186	0.024
1036.40	-0.01	192.4	-0.0018	1036.40	-0.018	185.5	0.0169
1036.43	-0.011	192.2	-0.0036	1036.43	-0.02	185.1	0.0115
1036.47	-0.013	191.9	-0.0036	1036.47	-0.021	184.7	0.0062
1036.50	-0.014	191.7	-0.0071	1036.50	-0.024	184.3	0.0062
1036.53	-0.014	191.7	-0.0089	1036.53	-0.026	183.9	0.0009
1036.57	-0.015	191.5	-0.0107	1036.57	-0.026	183.9	-0.0027
1036.60	-0.016	191.2	-0.0124	1036.60	-0.026	183.7	-0.0053
1036.63	-0.017	191.1	-0.0142	1036.63	-0.027	183.3	-0.008
1036.67	-0.017	190.9	-0.0142	1036.67	-0.028	183	-0.0107
1036.70	-0.017	190.8	-0.0142	1036.70	-0.029	182.8	-0.0115
1036.75	-0.017	190.7	-0.0151	1036.73	-0.028	182.6	-0.0124
1036.78	-0.017	190.5	-0.0151	1036.77	-0.029	182.4	-0.0124
1036.82	-0.017	190.4	-0.016	1036.80	-0.029	182.4	-0.0133
1036.83	-0.017	190.4	-0.016	1036.83	-0.029	182.3	-0.0133
1036.87	-0.017	190.4	-0.016	1036.87	-0.028	182.2	-0.0124
1036.90	-0.016	190.3	-0.0142	1036.90	-0.026	182.2	-0.0115
1036.93	-0.016	190.3	-0.0133	1036.93	-0.026	182.1	-0.0107
1036.97	-0.014	190.3	-0.0124	1036.97	-0.025	182.2	-0.008
1037.00	-0.014	190.3	-0.0115	1037.00	-0.022	182.2	-0.008
1037.03	-0.012	190.4	-0.0098	1037.03	-0.021	182.2	-0.0053
1037.07	-0.01	190.4	-0.0098	1037.07	-0.021	182.3	-0.0027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1037.10	-0.009	190.4	-0.008	1037.10	-0.019	182.5	0.0009
1037.13	-0.009	190.5	-0.0053	1037.13	-0.015	182.6	0.0053
1037.17	-0.008	190.6	-0.0027	1037.18	-0.014	182.8	0.0098
1037.20	-0.005	190.8	0	1037.22	-0.013	182.9	0.0115
1037.23	-0.004	190.9	0.0027	1037.25	-0.009	183.1	0.0178
1037.27	-0.003	191.1	0.0062	1037.27	-0.007	183.4	0.024
1037.30	0.001	191.3	0.0062	1037.30	-0.005	183.8	0.032
1037.33	0.002	191.3	0.0098	1037.33	0.001	184.2	0.032
1037.37	0.002	191.4	0.0133	1037.37	0.003	184.2	0.0408
1037.40	0.004	191.7	0.0169	1037.40	0.003	184.4	0.047
1037.43	0.007	191.9	0.0213	1037.43	0.005	184.9	0.055
1037.47	0.008	192.1	0.0249	1037.47	0.011	185.3	0.0639
1037.50	0.01	192.3	0.0293	1037.50	0.012	185.6	0.0701
1037.53	0.013	192.6	0.0293	1037.53	0.015	186.1	0.0781
1037.57	0.014	192.6	0.0337	1037.57	0.02	186.5	0.0781
1037.60	0.014	192.8	0.0364	1037.60	0.021	186.5	0.087
1037.63	0.016	193.1	0.0408	1037.63	0.021	186.9	0.0923
1037.67	0.019	193.3	0.0444	1037.67	0.023	187.4	0.1003
1037.70	0.02	193.5	0.0462	1037.70	0.028	187.8	0.1083
1037.73	0.021	193.8	0.0497	1037.73	0.029	188.2	0.1127
1037.77	0.023	194	0.0497	1037.77	0.031	188.6	0.1189
1037.80	0.024	194	0.0533	1037.80	0.034	189	0.1189
1037.83	0.024	194.2	0.055	1037.83	0.035	189	0.1243
1037.87	0.025	194.5	0.0577	1037.87	0.035	189.3	0.1278
1037.90	0.026	194.7	0.0595	1037.90	0.036	189.6	0.1314
1037.93	0.027	194.9	0.0612	1037.93	0.038	190	0.1358
1037.97	0.028	195	0.0621	1037.97	0.039	190.2	0.1385
1038.00	0.028	195.2	0.0621	1038.00	0.04	190.5	0.1394
1038.03	0.029	195.4	0.063	1038.03	0.04	190.7	0.1394
1038.07	0.029	195.4	0.063	1038.07	0.04	190.9	0.1402
1038.10	0.029	195.5	0.0639	1038.10	0.04	190.9	0.1411
1038.13	0.029	195.6	0.0639	1038.13	0.04	191.1	0.1411
1038.17	0.029	195.7	0.0639	1038.17	0.04	191.2	0.1411
1038.22	0.029	195.8	0.0639	1038.20	0.04	191.3	0.1411
1038.25	0.028	195.9	0.0639	1038.23	0.039	191.5	0.1402
1038.27	0.027	195.9	0.0621	1038.27	0.037	191.4	0.1385
1038.30	0.026	195.9	0.0612	1038.30	0.035	191.4	0.1385
1038.33	0.025	195.9	0.0612	1038.33	0.035	191.4	0.1367
1038.37	0.023	195.9	0.0595	1038.37	0.034	191.4	0.134
1038.40	0.023	195.9	0.0577	1038.40	0.032	191.3	0.1305
1038.43	0.022	195.8	0.0559	1038.43	0.029	191.2	0.1269
1038.47	0.021	195.7	0.0533	1038.47	0.027	191.1	0.1234
1038.50	0.018	195.6	0.0506	1038.50	0.025	190.8	0.1181
1038.53	0.017	195.5	0.0479	1038.53	0.021	190.6	0.1181
1038.57	0.015	195.3	0.0479	1038.57	0.02	190.6	0.1136
1038.60	0.012	195.1	0.0444	1038.60	0.02	190.5	0.1074
1038.63	0.012	195.1	0.0408	1038.65	0.014	189.9	0.1012
1038.67	0.012	195	0.0382	1038.68	0.011	189.9	0.0968
1038.70	0.009	194.7	0.0346	1038.70	0.011	189.6	0.0897
1038.73	0.006	194.5	0.0311	1038.73	0.009	189.2	0.0826
1038.77	0.005	194.3	0.0257	1038.77	0.003	188.8	0.0737
1038.80	0.002	194	0.0257	1038.80	0.002	188.5	0.0675
1038.83	0	193.8	0.0222	1038.83	-0.001	188	0.0586
1038.87	0	193.8	0.0186	1038.87	-0.006	187.6	0.0586
1038.90	-0.001	193.6	0.0151	1038.90	-0.007	187.6	0.0506
1038.93	-0.004	193.3	0.0107	1038.93	-0.007	187.2	0.0444
1038.97	-0.006	193	0.0071	1038.97	-0.01	186.6	0.0364
1039.00	-0.006	192.8	0.0044	1039.00	-0.014	186.2	0.0284
1039.03	-0.009	192.5	0.0044	1039.03	-0.015	185.8	0.0213
1039.07	-0.011	192.3	0.0009	1039.07	-0.017	185.3	0.0151
1039.10	-0.011	192.3	-0.0027	1039.10	-0.022	184.9	0.0151
1039.13	-0.012	192.1	-0.0053	1039.13	-0.022	184.9	0.008
1039.17	-0.013	191.8	-0.008	1039.17	-0.022	184.5	0.0044

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1039.20	-0.014	191.6	-0.0098	1039.20	-0.023	184.1	0
1039.23	-0.015	191.4	-0.0115	1039.23	-0.026	183.8	-0.0044
1039.27	-0.016	191.2	-0.0115	1039.27	-0.027	183.5	-0.0062
1039.30	-0.017	191	-0.0133	1039.30	-0.027	183.2	-0.0098
1039.33	-0.017	191	-0.0142	1039.33	-0.028	182.9	-0.0098
1039.37	-0.017	190.8	-0.0142	1039.37	-0.029	182.9	-0.0115
1039.40	-0.017	190.7	-0.0151	1039.40	-0.029	182.7	-0.0124
1039.43	-0.017	190.6	-0.016	1039.43	-0.029	182.5	-0.0133
1039.47	-0.017	190.5	-0.016	1039.47	-0.029	182.4	-0.0133
1039.50	-0.017	190.4	-0.016	1039.50	-0.028	182.2	-0.0133
1039.53	-0.016	190.3	-0.016	1039.53	-0.028	182.1	-0.0124
1039.57	-0.016	190.3	-0.0151	1039.57	-0.026	182.1	-0.0124
1039.60	-0.016	190.3	-0.0142	1039.60	-0.025	182.1	-0.0115
1039.63	-0.015	190.3	-0.0133	1039.63	-0.025	182.1	-0.0098
1039.68	-0.013	190.3	-0.0115	1039.67	-0.024	182.1	-0.0071
1039.72	-0.013	190.3	-0.0107	1039.70	-0.021	182.2	-0.0044
1039.73	-0.012	190.4	-0.0089	1039.73	-0.02	182.3	-0.0018
1039.77	-0.009	190.5	-0.0062	1039.77	-0.018	182.4	0.0027
1039.80	-0.009	190.5	-0.0044	1039.80	-0.014	182.6	0.0027
1039.83	-0.007	190.6	-0.0018	1039.83	-0.012	182.6	0.0071
1039.87	-0.004	190.8	-0.0018	1039.87	-0.012	182.8	0.0115
1039.90	-0.003	190.8	0.0018	1039.90	-0.01	183	0.0169
1039.93	-0.003	190.9	0.0036	1039.93	-0.006	183.4	0.024
1039.97	-0.002	191.1	0.008	1039.97	-0.004	183.7	0.0302
1040.00	0.002	191.3	0.0115	1040.00	-0.002	184	0.0382
1040.03	0.003	191.5	0.0142	1040.03	0.004	184.5	0.0382
1040.07	0.004	191.7	0.0186	1040.08	0.006	184.8	0.0524
1040.10	0.008	192	0.0186	1040.12	0.007	185	0.0577
1040.13	0.009	192.2	0.0231	1040.15	0.011	185.4	0.0577
1040.17	0.009	192.2	0.0257	1040.17	0.014	185.8	0.0657
1040.20	0.011	192.4	0.0311	1040.20	0.014	185.8	0.0728
1040.23	0.014	192.7	0.0355	1040.23	0.016	186.2	0.0808
1040.27	0.015	192.9	0.0382	1040.27	0.02	186.7	0.0897
1040.30	0.017	193.1	0.0417	1040.30	0.023	187.2	0.0968
1040.33	0.019	193.4	0.0417	1040.33	0.024	187.5	0.103
1040.37	0.021	193.6	0.0453	1040.37	0.027	188	0.103
1040.40	0.021	193.6	0.0479	1040.40	0.031	188.4	0.1101
1040.43	0.022	193.8	0.0515	1040.43	0.031	188.4	0.1163
1040.47	0.024	194.1	0.0541	1040.47	0.031	188.7	0.1207
1040.50	0.025	194.3	0.0568	1040.50	0.034	189.2	0.1269
1040.53	0.026	194.5	0.0586	1040.53	0.036	189.5	0.1305
1040.57	0.027	194.7	0.0586	1040.57	0.037	189.8	0.1331
1040.60	0.028	194.9	0.0595	1040.60	0.038	190.1	0.1367
1040.63	0.028	194.9	0.0612	1040.63	0.04	190.4	0.1367
1040.67	0.028	195.1	0.0621	1040.67	0.04	190.4	0.1385
1040.70	0.028	195.2	0.063	1040.70	0.04	190.6	0.1394
1040.73	0.029	195.4	0.0639	1040.73	0.04	190.8	0.1402
1040.77	0.029	195.6	0.0639	1040.77	0.04	191	0.1411
1040.80	0.029	195.7	0.0639	1040.80	0.04	191.2	0.1411
1040.83	0.028	195.7	0.0639	1040.83	0.04	191.3	0.1411
1040.87	0.028	195.7	0.0639	1040.87	0.04	191.4	0.1411
1040.90	0.028	195.8	0.063	1040.90	0.038	191.4	0.1411
1040.93	0.027	195.8	0.0621	1040.93	0.038	191.5	0.1402
1040.97	0.026	195.8	0.0604	1040.97	0.037	191.4	0.1376
1041.00	0.025	195.8	0.0595	1041.00	0.034	191.4	0.1358
1041.03	0.024	195.8	0.0577	1041.03	0.033	191.4	0.1331
1041.07	0.022	195.7	0.0577	1041.07	0.031	191.3	0.1296
1041.12	0.021	195.7	0.0541	1041.10	0.027	191.2	0.1296
1041.15	0.02	195.6	0.0524	1041.13	0.027	191.2	0.1252
1041.18	0.017	195.5	0.0524	1041.17	0.027	191	0.1216
1041.20	0.016	195.5	0.0497	1041.20	0.024	190.8	0.1163
1041.23	0.016	195.4	0.047	1041.23	0.019	190.5	0.1101
1041.27	0.015	195.2	0.0435	1041.27	0.018	190.3	0.1047

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1041.30	0.011	195	0.0399	1041.30	0.016	190	0.0985
1041.33	0.011	194.9	0.0364	1041.33	0.01	189.6	0.0985
1041.37	0.009	194.6	0.0328	1041.37	0.009	189.6	0.0905
1041.40	0.005	194.4	0.0328	1041.40	0.009	189.3	0.0834
1041.43	0.004	194.4	0.0293	1041.43	0.006	188.9	0.0754
1041.47	0.004	194.2	0.0249	1041.47	0.001	188.5	0.0666
1041.50	0.003	194	0.0213	1041.50	-0.001	188.1	0.0604
1041.53	-0.001	193.7	0.0169	1041.55	-0.003	187.6	0.0524
1041.57	-0.002	193.5	0.0133	1041.58	-0.006	187.4	0.0479
1041.60	-0.004	193.2	0.0098	1041.60	-0.008	187	0.0408
1041.63	-0.007	192.9	0.0098	1041.63	-0.011	186.4	0.0328
1041.67	-0.008	192.9	0.0053	1041.67	-0.016	185.9	0.0328
1041.70	-0.008	192.7	0.0027	1041.70	-0.016	185.9	0.0231
1041.73	-0.009	192.4	0	1041.73	-0.016	185.5	0.0186
1041.77	-0.011	192.2	-0.0036	1041.77	-0.018	185.1	0.0115
1041.80	-0.012	191.9	-0.0062	1041.80	-0.022	184.6	0.0053
1041.83	-0.013	191.7	-0.008	1041.83	-0.023	184.3	0.0027
1041.87	-0.015	191.5	-0.008	1041.87	-0.024	184	-0.0009
1041.90	-0.016	191.3	-0.0107	1041.90	-0.027	183.6	-0.0009
1041.93	-0.016	191.3	-0.0115	1041.93	-0.027	183.6	-0.0053
1041.97	-0.016	191.2	-0.0133	1041.97	-0.027	183.3	-0.0071
1042.00	-0.017	190.9	-0.0142	1042.00	-0.027	183.1	-0.0098
1042.03	-0.017	190.8	-0.0151	1042.03	-0.029	182.8	-0.0124
1042.07	-0.017	190.6	-0.0151	1042.07	-0.029	182.6	-0.0133
1042.10	-0.017	190.5	-0.0151	1042.10	-0.029	182.4	-0.0133
1042.13	-0.017	190.4	-0.0151	1042.13	-0.029	182.2	-0.0133
1042.17	-0.017	190.4	-0.016	1042.17	-0.028	182.2	-0.0133
1042.20	-0.017	190.4	-0.0151	1042.20	-0.028	182.2	-0.0133
1042.23	-0.016	190.3	-0.0142	1042.23	-0.027	182.1	-0.0124
1042.27	-0.015	190.3	-0.0133	1042.27	-0.025	182.1	-0.0107
1042.30	-0.015	190.3	-0.0115	1042.30	-0.025	182.1	-0.0089
1042.33	-0.013	190.3	-0.0115	1042.33	-0.023	182.1	-0.0062
1042.37	-0.011	190.4	-0.0107	1042.37	-0.02	182.2	-0.0062
1042.40	-0.011	190.4	-0.0089	1042.40	-0.019	182.2	-0.0036
1042.43	-0.011	190.4	-0.0071	1042.43	-0.019	182.3	0
1042.47	-0.009	190.5	-0.0044	1042.47	-0.017	182.4	0.0036
1042.50	-0.007	190.6	-0.0018	1042.50	-0.013	182.7	0.0098
1042.53	-0.006	190.7	0.0009	1042.53	-0.011	182.9	0.0133
1042.58	-0.004	191	0.0044	1042.57	-0.009	183.1	0.0195
1042.62	-0.002	191	0.0053	1042.60	-0.005	183.5	0.0195
1042.63	-0.001	191.2	0.0089	1042.63	-0.002	183.8	0.0275
1042.67	0.001	191.4	0.0124	1042.67	-0.002	183.8	0.0337
1042.70	0.004	191.6	0.0124	1042.70	0	184.1	0.0417
1042.73	0.005	191.6	0.016	1042.73	0.005	184.6	0.0497
1042.77	0.005	191.8	0.0195	1042.77	0.007	184.9	0.0559
1042.80	0.007	192	0.024	1042.80	0.009	185.2	0.0648
1042.83	0.011	192.3	0.0293	1042.83	0.014	185.8	0.0648
1042.87	0.012	192.5	0.032	1042.87	0.017	186.1	0.0728
1042.90	0.014	192.8	0.0355	1042.90	0.017	186.1	0.0799
1042.93	0.017	193	0.0355	1042.93	0.019	186.5	0.087
1042.97	0.018	193	0.0399	1042.97	0.022	187.1	0.095
1043.00	0.018	193.2	0.0426	1043.02	0.025	187.5	0.1021
1043.03	0.019	193.5	0.0462	1043.05	0.026	187.8	0.1065
1043.07	0.022	193.7	0.0497	1043.07	0.029	188.2	0.1127
1043.10	0.022	193.9	0.0515	1043.10	0.031	188.6	0.1181
1043.13	0.023	194.1	0.0541	1043.13	0.032	188.9	0.1234
1043.17	0.026	194.4	0.0541	1043.17	0.035	189.3	0.1234
1043.20	0.026	194.4	0.0568	1043.20	0.037	189.6	0.1287
1043.23	0.026	194.6	0.0586	1043.23	0.037	189.6	0.1323
1043.27	0.027	194.8	0.0604	1043.27	0.037	189.9	0.1349
1043.30	0.028	195	0.0621	1043.30	0.039	190.2	0.1376
1043.33	0.028	195.1	0.0621	1043.33	0.04	190.5	0.1394
1043.37	0.029	195.2	0.063	1043.37	0.04	190.7	0.1402

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1043.40	0.029	195.4	0.063	1043.40	0.04	190.9	0.1411
1043.43	0.029	195.4	0.0639	1043.43	0.04	191.1	0.1411
1043.47	0.029	195.6	0.0639	1043.47	0.04	191.1	0.1411
1043.50	0.029	195.7	0.0639	1043.50	0.04	191.2	0.1411
1043.53	0.028	195.8	0.0639	1043.53	0.04	191.3	0.1411
1043.57	0.028	195.8	0.063	1043.57	0.039	191.4	0.1411
1043.60	0.027	195.9	0.0621	1043.60	0.037	191.5	0.1402
1043.63	0.026	195.8	0.0621	1043.63	0.036	191.4	0.1376
1043.67	0.024	195.8	0.0604	1043.67	0.034	191.4	0.1376
1043.70	0.024	195.8	0.0595	1043.70	0.032	191.4	0.1349
1043.73	0.024	195.8	0.0577	1043.73	0.032	191.4	0.1323
1043.77	0.021	195.7	0.055	1043.77	0.03	191.3	0.1278
1043.80	0.02	195.6	0.0533	1043.80	0.027	191.1	0.1243
1043.83	0.019	195.6	0.0497	1043.83	0.025	190.9	0.1207
1043.87	0.016	195.4	0.0497	1043.87	0.023	190.8	0.1145
1043.90	0.014	195.2	0.047	1043.90	0.019	190.4	0.1145
1043.93	0.014	195.2	0.0444	1043.93	0.017	190.4	0.1092
1043.97	0.013	195.1	0.0408	1043.97	0.017	190.2	0.103
1044.02	0.009	194.7	0.0373	1044.00	0.015	189.9	0.0959
1044.05	0.009	194.7	0.0355	1044.03	0.009	189.5	0.087
1044.08	0.008	194.5	0.0311	1044.07	0.007	189.2	0.0817
1044.10	0.005	194.3	0.0275	1044.10	0.005	188.8	0.0728
1044.13	0.003	194.1	0.0231	1044.13	0	188.3	0.0728
1044.17	0.001	193.9	0.0195	1044.17	-0.003	187.9	0.0639
1044.20	-0.002	193.5	0.0195	1044.20	-0.003	187.9	0.0577
1044.23	-0.003	193.3	0.0151	1044.23	-0.005	187.6	0.0497
1044.27	-0.003	193.3	0.0124	1044.27	-0.009	187	0.0417
1044.30	-0.004	193.1	0.008	1044.30	-0.011	186.6	0.0346
1044.33	-0.007	192.8	0.0044	1044.33	-0.013	186.2	0.0275
1044.37	-0.009	192.5	0.0009	1044.37	-0.017	185.6	0.0275
1044.40	-0.01	192.3	-0.0009	1044.40	-0.019	185.2	0.0195
1044.43	-0.011	192	-0.0009	1044.45	-0.02	184.9	0.0107
1044.47	-0.013	191.8	-0.0044	1044.48	-0.021	184.5	0.0107
1044.50	-0.013	191.8	-0.0062	1044.52	-0.024	184.2	0.0062
1044.53	-0.014	191.6	-0.0089	1044.53	-0.024	184.2	0.0018
1044.57	-0.015	191.3	-0.0107	1044.57	-0.025	183.8	-0.0027
1044.60	-0.016	191.2	-0.0124	1044.60	-0.026	183.5	-0.0062
1044.63	-0.016	191	-0.0133	1044.63	-0.028	183.2	-0.0089
1044.67	-0.017	190.8	-0.0142	1044.67	-0.028	182.9	-0.0098
1044.70	-0.017	190.7	-0.0142	1044.70	-0.028	182.7	-0.0098
1044.73	-0.017	190.7	-0.0151	1044.73	-0.029	182.5	-0.0107
1044.77	-0.017	190.6	-0.0151	1044.77	-0.029	182.5	-0.0124
1044.80	-0.017	190.5	-0.0151	1044.80	-0.029	182.3	-0.0133
1044.83	-0.017	190.4	-0.0151	1044.83	-0.028	182.2	-0.0133
1044.87	-0.016	190.3	-0.0151	1044.87	-0.028	182.1	-0.0124
1044.90	-0.016	190.3	-0.0142	1044.90	-0.027	182	-0.0107
1044.93	-0.015	190.3	-0.0142	1044.93	-0.026	182.1	-0.0089
1044.97	-0.014	190.3	-0.0133	1044.97	-0.023	182.1	-0.0089
1045.00	-0.014	190.2	-0.0115	1045.00	-0.022	182.1	-0.0071
1045.03	-0.013	190.3	-0.0098	1045.03	-0.022	182.1	-0.0053
1045.07	-0.011	190.3	-0.008	1045.07	-0.021	182.3	-0.0009
1045.10	-0.01	190.4	-0.0062	1045.10	-0.017	182.4	0.0027
1045.13	-0.009	190.5	-0.0036	1045.13	-0.016	182.5	0.0053
1045.17	-0.006	190.7	-0.0036	1045.17	-0.014	182.8	0.0107
1045.20	-0.005	190.7	-0.0009	1045.20	-0.009	183	0.0107
1045.23	-0.005	190.7	0.0018	1045.23	-0.008	183	0.0169
1045.27	-0.003	190.9	0.0053	1045.27	-0.008	183.2	0.0222
1045.30	0	191.2	0.0089	1045.30	-0.005	183.6	0.0293
1045.33	0.001	191.3	0.0115	1045.33	0	183.9	0.0382
1045.37	0.002	191.5	0.0151	1045.37	0.001	184.2	0.0444
1045.40	0.006	191.7	0.0151	1045.40	0.004	184.7	0.0515
1045.43	0.007	191.7	0.0204	1045.43	0.01	185.1	0.0515
1045.48	0.009	192.1	0.0249	1045.47	0.011	185.1	0.0604

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1045.52	0.011	192.3	0.0249	1045.50	0.011	185.4	0.0666
1045.53	0.012	192.3	0.0293	1045.53	0.013	185.9	0.0754
1045.57	0.012	192.5	0.0328	1045.57	0.019	186.3	0.0834
1045.60	0.014	192.8	0.0382	1045.60	0.02	186.7	0.0905
1045.63	0.017	193.1	0.0417	1045.63	0.022	187.2	0.0976
1045.67	0.019	193.3	0.0444	1045.67	0.027	187.6	0.0976
1045.70	0.02	193.5	0.047	1045.70	0.028	187.6	0.1056
1045.73	0.022	193.8	0.047	1045.73	0.028	188	0.111
1045.77	0.023	194	0.0506	1045.77	0.03	188.4	0.1172
1045.80	0.023	194	0.0533	1045.80	0.033	188.8	0.1234
1045.83	0.024	194.2	0.0559	1045.83	0.034	189.1	0.1269
1045.87	0.026	194.5	0.0586	1045.87	0.035	189.5	0.1314
1045.90	0.027	194.7	0.0595	1045.92	0.038	189.8	0.1349
1045.93	0.027	194.8	0.0604	1045.95	0.038	190.1	0.1367
1045.97	0.028	195	0.0604	1045.97	0.039	190.3	0.1394
1046.00	0.028	195.2	0.0621	1046.00	0.04	190.5	0.1394
1046.03	0.028	195.2	0.063	1046.03	0.04	190.5	0.1402
1046.07	0.029	195.3	0.0639	1046.07	0.04	190.8	0.1411
1046.10	0.029	195.5	0.0648	1046.10	0.04	190.9	0.1411
1046.13	0.029	195.6	0.0648	1046.13	0.04	191.1	0.1411
1046.17	0.029	195.7	0.0648	1046.17	0.04	191.2	0.1411
1046.20	0.028	195.8	0.0639	1046.20	0.04	191.4	0.1411
1046.23	0.027	195.8	0.0639	1046.23	0.039	191.5	0.1411
1046.27	0.026	195.8	0.063	1046.27	0.037	191.5	0.1402
1046.30	0.026	195.8	0.0621	1046.30	0.037	191.5	0.1394
1046.33	0.026	195.8	0.0604	1046.33	0.035	191.5	0.1367
1046.37	0.024	195.8	0.0586	1046.37	0.033	191.4	0.134
1046.40	0.023	195.8	0.0568	1046.40	0.031	191.3	0.1314
1046.43	0.022	195.7	0.055	1046.43	0.03	191.2	0.1269
1046.47	0.019	195.6	0.055	1046.47	0.026	191	0.1269
1046.50	0.018	195.6	0.0524	1046.50	0.024	190.8	0.1225
1046.53	0.018	195.5	0.0497	1046.53	0.024	190.8	0.1181
1046.57	0.017	195.3	0.0462	1046.57	0.022	190.6	0.1127
1046.60	0.013	195.1	0.0426	1046.60	0.018	190.3	0.1065
1046.63	0.012	195	0.0399	1046.63	0.015	190.1	0.1003
1046.67	0.01	194.8	0.0364	1046.67	0.013	189.8	0.0932
1046.70	0.007	194.5	0.0364	1046.70	0.009	189.3	0.0932
1046.73	0.006	194.5	0.0328	1046.73	0.005	189	0.0852
1046.77	0.006	194.4	0.0293	1046.77	0.005	189	0.0772
1046.80	0.004	194.1	0.0249	1046.80	0.003	188.6	0.0701
1046.83	0.001	193.9	0.0204	1046.83	-0.001	188.2	0.0621
1046.87	0	193.7	0.0169	1046.87	-0.004	187.7	0.0541
1046.90	-0.002	193.4	0.0133	1046.90	-0.006	187.4	0.047
1046.95	-0.004	193.2	0.0107	1046.93	-0.01	186.7	0.047
1046.98	-0.005	193	0.008	1046.97	-0.013	186.3	0.0391
1047.00	-0.007	192.7	0.0044	1047.00	-0.013	186.3	0.032
1047.03	-0.01	192.4	0.0044	1047.03	-0.014	185.9	0.024
1047.07	-0.01	192.4	0.0009	1047.07	-0.017	185.4	0.0169
1047.10	-0.01	192.2	-0.0018	1047.10	-0.02	185	0.0107
1047.13	-0.011	192	-0.0044	1047.13	-0.022	184.6	0.0053
1047.17	-0.014	191.7	-0.008	1047.17	-0.023	184.2	0.0018
1047.20	-0.014	191.5	-0.0089	1047.20	-0.025	183.9	0.0018
1047.23	-0.015	191.3	-0.0107	1047.23	-0.025	183.9	-0.0018
1047.27	-0.016	191.1	-0.0107	1047.27	-0.026	183.6	-0.0053
1047.30	-0.016	191.1	-0.0124	1047.30	-0.027	183.2	-0.008
1047.33	-0.016	190.9	-0.0133	1047.35	-0.029	183	-0.0107
1047.37	-0.017	190.8	-0.0142	1047.38	-0.029	182.7	-0.0115
1047.40	-0.017	190.6	-0.0151	1047.42	-0.028	182.6	-0.0115
1047.43	-0.017	190.5	-0.0151	1047.43	-0.029	182.4	-0.0124
1047.47	-0.017	190.4	-0.0151	1047.47	-0.029	182.2	-0.0133
1047.50	-0.017	190.3	-0.0151	1047.50	-0.028	182.1	-0.0133
1047.53	-0.016	190.3	-0.0151	1047.53	-0.027	182	-0.0133
1047.57	-0.016	190.3	-0.0142	1047.57	-0.027	182	-0.0115

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1047.60	-0.016	190.2	-0.0133	1047.60	-0.027	182	-0.0107
1047.63	-0.014	190.3	-0.0124	1047.63	-0.025	182	-0.0089
1047.67	-0.014	190.3	-0.0115	1047.67	-0.023	182.1	-0.0062
1047.70	-0.013	190.3	-0.0089	1047.70	-0.022	182.1	-0.0036
1047.73	-0.011	190.4	-0.0089	1047.73	-0.02	182.3	0
1047.77	-0.009	190.5	-0.0071	1047.77	-0.016	182.4	0
1047.80	-0.009	190.5	-0.0044	1047.80	-0.015	182.4	0.0044
1047.83	-0.008	190.5	-0.0018	1047.83	-0.015	182.5	0.008
1047.87	-0.005	190.7	0.0009	1047.87	-0.013	182.8	0.0133
1047.90	-0.004	190.8	0.0027	1047.90	-0.008	183.1	0.0186
1047.93	-0.002	191	0.0071	1047.93	-0.006	183.3	0.0249
1047.97	0	191.2	0.0071	1047.97	-0.004	183.7	0.0328
1048.00	0.002	191.4	0.0107	1048.00	0.001	184.1	0.0328
1048.03	0.002	191.4	0.0133	1048.03	0.003	184.1	0.0408
1048.07	0.004	191.5	0.0178	1048.07	0.003	184.3	0.047
1048.10	0.006	191.8	0.0213	1048.10	0.005	184.8	0.055
1048.13	0.009	192	0.0249	1048.13	0.011	185.2	0.0639
1048.17	0.01	192.2	0.0302	1048.17	0.012	185.5	0.0701
1048.20	0.013	192.6	0.0302	1048.20	0.015	186	0.0781
1048.23	0.015	192.8	0.0337	1048.23	0.02	186.5	0.0781
1048.27	0.015	192.8	0.0373	1048.27	0.021	186.5	0.087
1048.30	0.016	193	0.0417	1048.30	0.021	186.8	0.0932
1048.33	0.018	193.3	0.0444	1048.33	0.024	187.3	0.1021
1048.38	0.02	193.5	0.0479	1048.37	0.028	187.7	0.1083
1048.42	0.021	193.7	0.0497	1048.40	0.029	188.1	0.1136
1048.45	0.022	193.9	0.0524	1048.43	0.031	188.5	0.1198
1048.47	0.024	194.2	0.055	1048.47	0.034	188.9	0.1198
1048.50	0.025	194.3	0.0568	1048.50	0.035	188.9	0.1252
1048.53	0.026	194.6	0.0586	1048.53	0.035	189.2	0.1287
1048.57	0.027	194.8	0.0586	1048.57	0.036	189.5	0.1331
1048.60	0.027	194.8	0.0612	1048.60	0.038	189.9	0.1367
1048.63	0.027	194.9	0.0621	1048.63	0.039	190.2	0.1385
1048.67	0.028	195.1	0.063	1048.67	0.039	190.4	0.1402
1048.70	0.029	195.2	0.0639	1048.70	0.04	190.6	0.1402
1048.73	0.029	195.4	0.0639	1048.73	0.04	190.8	0.1402
1048.77	0.029	195.6	0.0648	1048.77	0.04	190.8	0.1411
1048.80	0.029	195.7	0.0648	1048.82	0.04	191.2	0.142
1048.83	0.029	195.7	0.0648	1048.85	0.04	191.3	0.142
1048.87	0.029	195.7	0.0648	1048.87	0.04	191.3	0.142
1048.90	0.028	195.8	0.0639	1048.90	0.039	191.4	0.1411
1048.93	0.027	195.8	0.0621	1048.93	0.038	191.4	0.1402
1048.97	0.026	195.9	0.0612	1048.97	0.036	191.4	0.1385
1049.00	0.025	195.8	0.0595	1049.00	0.035	191.4	0.1358
1049.03	0.023	195.8	0.0595	1049.03	0.032	191.3	0.1358
1049.07	0.022	195.8	0.0577	1049.07	0.03	191.2	0.1331
1049.10	0.022	195.8	0.0559	1049.10	0.03	191.2	0.1296
1049.13	0.021	195.7	0.0533	1049.13	0.029	191.2	0.1252
1049.17	0.018	195.5	0.0506	1049.17	0.025	190.9	0.1207
1049.20	0.017	195.4	0.0488	1049.20	0.023	190.7	0.1163
1049.23	0.016	195.3	0.0453	1049.23	0.021	190.5	0.1101
1049.27	0.012	195	0.0453	1049.27	0.016	190.2	0.1101
1049.30	0.011	195	0.0417	1049.30	0.013	189.9	0.103
1049.33	0.011	194.9	0.0391	1049.33	0.013	189.9	0.0976
1049.37	0.01	194.7	0.0346	1049.37	0.012	189.7	0.0905
1049.40	0.006	194.5	0.0311	1049.40	0.007	189.1	0.0817
1049.43	0.005	194.3	0.0284	1049.43	0.004	188.8	0.0746
1049.47	0.003	194	0.0231	1049.47	0.002	188.5	0.0675
1049.50	0	193.7	0.0231	1049.50	-0.002	187.9	0.0675
1049.53	-0.001	193.5	0.0186	1049.53	-0.006	187.5	0.0586
1049.57	-0.001	193.5	0.016	1049.57	-0.006	187.5	0.0506
1049.60	-0.002	193.3	0.0115	1049.60	-0.007	187.2	0.0435
1049.63	-0.006	193	0.0071	1049.63	-0.011	186.5	0.0355
1049.67	-0.007	192.8	0.0044	1049.67	-0.014	186.1	0.0293

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1049.70	-0.008	192.5	0.0018	1049.70	-0.015	185.8	0.0222
1049.73	-0.01	192.2	0.0018	1049.73	-0.018	185.2	0.0222
1049.77	-0.012	192	-0.0018	1049.77	-0.021	184.8	0.0151
1049.80	-0.012	192	-0.0044	1049.80	-0.021	184.8	0.0098
1049.85	-0.014	191.6	-0.0062	1049.83	-0.022	184.5	0.0044
1049.88	-0.014	191.4	-0.008	1049.87	-0.024	184.1	0
1049.90	-0.014	191.4	-0.0098	1049.90	-0.026	183.7	-0.0036
1049.93	-0.015	191.2	-0.0115	1049.93	-0.026	183.4	-0.0062
1049.97	-0.016	191	-0.0133	1049.97	-0.027	183.1	-0.0062
1050.00	-0.017	190.8	-0.0142	1050.00	-0.029	182.8	-0.0089
1050.03	-0.017	190.7	-0.0151	1050.03	-0.029	182.8	-0.0107
1050.07	-0.017	190.6	-0.0151	1050.07	-0.029	182.6	-0.0115
1050.10	-0.017	190.4	-0.0151	1050.10	-0.029	182.5	-0.0124
1050.13	-0.017	190.4	-0.0151	1050.13	-0.029	182.3	-0.0124
1050.17	-0.017	190.3	-0.0151	1050.17	-0.028	182.2	-0.0124
1050.20	-0.017	190.3	-0.0151	1050.20	-0.028	182.1	-0.0115
1050.23	-0.016	190.2	-0.0142	1050.25	-0.026	182.1	-0.0107
1050.27	-0.015	190.2	-0.0133	1050.28	-0.026	182	-0.0098
1050.30	-0.014	190.2	-0.0115	1050.32	-0.025	182	-0.0071
1050.33	-0.012	190.3	-0.0115	1050.33	-0.022	182.1	-0.0071
1050.37	-0.012	190.3	-0.0107	1050.37	-0.021	182.1	-0.0044
1050.40	-0.012	190.3	-0.0089	1050.40	-0.021	182.1	-0.0027
1050.43	-0.011	190.4	-0.0062	1050.43	-0.019	182.3	0.0018
1050.47	-0.008	190.5	-0.0036	1050.47	-0.015	182.5	0.0062
1050.50	-0.007	190.5	-0.0018	1050.50	-0.014	182.6	0.0098
1050.53	-0.006	190.7	0.0018	1050.53	-0.012	182.9	0.016
1050.57	-0.003	190.9	0.0018	1050.57	-0.007	183.2	0.016
1050.60	-0.002	190.9	0.0044	1050.60	-0.005	183.2	0.0222
1050.63	-0.002	191	0.0071	1050.63	-0.005	183.4	0.0293
1050.67	0	191.2	0.0115	1050.67	-0.003	183.9	0.0355
1050.70	0.004	191.4	0.0151	1050.70	0.003	184.2	0.0444
1050.73	0.005	191.6	0.0178	1050.73	0.004	184.5	0.0515
1050.77	0.006	191.8	0.0222	1050.77	0.006	185	0.0586
1050.80	0.01	192.1	0.0222	1050.80	0.012	185.4	0.0586
1050.83	0.011	192.1	0.0275	1050.83	0.014	185.4	0.0675
1050.87	0.011	192.3	0.0302	1050.87	0.014	185.7	0.0746
1050.90	0.012	192.5	0.0346	1050.90	0.016	186.2	0.0817
1050.93	0.016	192.8	0.0391	1050.93	0.021	186.6	0.0905
1050.97	0.017	193	0.0417	1050.97	0.022	187	0.0968
1051.00	0.018	193.3	0.0453	1051.00	0.024	187.5	0.1039
1051.03	0.021	193.5	0.0453	1051.03	0.029	187.9	0.1039
1051.07	0.022	193.8	0.0488	1051.07	0.03	187.9	0.1118
1051.10	0.022	193.8	0.0506	1051.10	0.03	188.3	0.1163
1051.13	0.023	194	0.0541	1051.13	0.032	188.7	0.1225
1051.17	0.025	194.3	0.0568	1051.17	0.035	189.1	0.1278
1051.20	0.026	194.5	0.0586	1051.20	0.036	189.4	0.1314
1051.23	0.026	194.6	0.0604	1051.23	0.037	189.7	0.134
1051.28	0.027	194.8	0.0612	1051.27	0.039	190	0.134
1051.32	0.028	195	0.0621	1051.30	0.039	190	0.1376
1051.35	0.028	195.1	0.063	1051.33	0.039	190.3	0.1394
1051.37	0.029	195.3	0.0639	1051.37	0.04	190.5	0.1402
1051.40	0.029	195.4	0.0639	1051.40	0.04	190.7	0.1411
1051.43	0.029	195.4	0.0639	1051.43	0.04	190.9	0.142
1051.47	0.029	195.6	0.0648	1051.47	0.04	191.1	0.142
1051.50	0.029	195.7	0.0648	1051.50	0.04	191.2	0.142
1051.53	0.028	195.8	0.0648	1051.53	0.04	191.2	0.142
1051.57	0.028	195.8	0.0639	1051.57	0.04	191.3	0.142
1051.60	0.027	195.8	0.0621	1051.60	0.038	191.4	0.1402
1051.63	0.025	195.8	0.0621	1051.63	0.036	191.3	0.1385
1051.67	0.025	195.8	0.0612	1051.67	0.034	191.3	0.1367
1051.70	0.025	195.8	0.0595	1051.72	0.033	191.3	0.1331
1051.73	0.024	195.8	0.0577	1051.75	0.032	191.2	0.1323
1051.77	0.021	195.7	0.055	1051.77	0.029	191.2	0.1287

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1051.80	0.02	195.6	0.0533	1051.80	0.028	191.1	0.1243
1051.83	0.019	195.5	0.0506	1051.83	0.024	190.8	0.1243
1051.87	0.016	195.3	0.0506	1051.87	0.022	190.6	0.1189
1051.90	0.015	195.3	0.047	1051.90	0.022	190.6	0.1145
1051.93	0.015	195.2	0.0444	1051.93	0.02	190.4	0.1074
1051.97	0.013	195	0.0408	1051.97	0.015	190	0.1003
1052.00	0.01	194.8	0.0373	1052.00	0.012	189.7	0.0941
1052.03	0.009	194.6	0.0346	1052.03	0.01	189.4	0.087
1052.07	0.007	194.4	0.0311	1052.07	0.005	189	0.087
1052.10	0.003	194.2	0.0311	1052.10	0.003	188.6	0.0781
1052.13	0.002	194.2	0.0257	1052.13	0.003	188.6	0.0719
1052.17	0.002	194	0.0222	1052.17	0.001	188.3	0.063
1052.20	0.001	193.7	0.0178	1052.20	-0.004	187.7	0.055
1052.23	-0.003	193.4	0.0133	1052.23	-0.006	187.3	0.0488
1052.27	-0.003	193.2	0.0107	1052.27	-0.008	187	0.0408
1052.30	-0.005	192.9	0.0071	1052.30	-0.012	186.3	0.0408
1052.33	-0.008	192.6	0.0071	1052.33	-0.015	185.9	0.032
1052.37	-0.009	192.6	0.0027	1052.37	-0.015	185.9	0.0249
1052.40	-0.009	192.4	0.0009	1052.40	-0.016	185.5	0.0186
1052.43	-0.01	192.2	-0.0027	1052.43	-0.019	185	0.0124
1052.47	-0.013	191.9	-0.0053	1052.47	-0.022	184.6	0.0071
1052.50	-0.013	191.7	-0.0071	1052.50	-0.022	184.3	0.0027
1052.53	-0.014	191.5	-0.0098	1052.53	-0.025	183.9	0.0027
1052.57	-0.016	191.3	-0.0098	1052.57	-0.027	183.5	-0.0018
1052.60	-0.016	191.3	-0.0115	1052.60	-0.027	183.5	-0.0053
1052.63	-0.016	191.1	-0.0124	1052.63	-0.027	183.3	-0.0062
1052.67	-0.016	190.9	-0.0133	1052.67	-0.028	183	-0.0089
1052.70	-0.017	190.8	-0.0142	1052.70	-0.028	182.8	-0.0107
1052.75	-0.017	190.6	-0.0151	1052.73	-0.029	182.5	-0.0124
1052.78	-0.017	190.5	-0.0151	1052.77	-0.029	182.4	-0.0124
1052.80	-0.017	190.4	-0.0151	1052.80	-0.028	182.2	-0.0124
1052.83	-0.017	190.3	-0.0151	1052.83	-0.028	182.2	-0.0124
1052.87	-0.017	190.3	-0.0142	1052.87	-0.028	182.1	-0.0124
1052.90	-0.016	190.2	-0.0142	1052.90	-0.027	182	-0.0107
1052.93	-0.015	190.2	-0.0133	1052.93	-0.026	182	-0.0098
1052.97	-0.015	190.2	-0.0124	1052.97	-0.025	182	-0.008
1053.00	-0.014	190.2	-0.0115	1053.00	-0.023	182.1	-0.0044
1053.03	-0.013	190.3	-0.0098	1053.03	-0.02	182.2	-0.0044
1053.07	-0.011	190.3	-0.008	1053.07	-0.02	182.2	-0.0018
1053.10	-0.01	190.4	-0.0062	1053.10	-0.019	182.3	0.0018
1053.13	-0.008	190.5	-0.0062	1053.13	-0.016	182.5	0.0053
1053.17	-0.006	190.6	-0.0036	1053.18	-0.013	182.7	0.0098
1053.20	-0.006	190.6	-0.0009	1053.22	-0.013	182.8	0.0133
1053.23	-0.005	190.7	0.0027	1053.23	-0.01	183.1	0.0186
1053.27	-0.002	190.9	0.0062	1053.27	-0.006	183.4	0.0249
1053.30	0	191.1	0.0089	1053.30	-0.004	183.6	0.032
1053.33	0.001	191.2	0.0124	1053.33	-0.001	184	0.0391
1053.37	0.004	191.5	0.0124	1053.37	0.004	184.4	0.0391
1053.40	0.006	191.7	0.0169	1053.40	0.005	184.4	0.047
1053.43	0.006	191.7	0.0204	1053.43	0.005	184.7	0.0541
1053.47	0.007	191.9	0.024	1053.47	0.008	185.1	0.0621
1053.50	0.01	192.2	0.0293	1053.50	0.013	185.6	0.071
1053.53	0.012	192.4	0.0328	1053.53	0.015	185.9	0.0772
1053.57	0.013	192.6	0.0364	1053.57	0.017	186.4	0.0861
1053.60	0.016	192.9	0.0364	1053.60	0.022	186.8	0.0861
1053.63	0.018	193.2	0.0399	1053.63	0.023	186.8	0.0941
1053.67	0.018	193.2	0.0435	1053.67	0.023	187.2	0.1003
1053.70	0.019	193.4	0.047	1053.70	0.025	187.7	0.1074
1053.73	0.021	193.7	0.0497	1053.73	0.03	188.1	0.1154
1053.77	0.023	193.9	0.0524	1053.77	0.031	188.4	0.1189
1053.80	0.024	194.1	0.055	1053.80	0.033	188.9	0.1243
1053.83	0.025	194.3	0.0577	1053.83	0.036	189.2	0.1243
1053.87	0.026	194.5	0.0577	1053.87	0.036	189.2	0.1296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1053.90	0.027	194.5	0.0595	1053.90	0.036	189.5	0.1323
1053.93	0.027	194.7	0.0604	1053.93	0.038	189.9	0.1358
1053.97	0.027	194.9	0.0621	1053.97	0.039	190.1	0.1385
1054.00	0.028	195.1	0.063	1054.00	0.04	190.4	0.1402
1054.03	0.029	195.2	0.0639	1054.03	0.04	190.6	0.1411
1054.07	0.029	195.4	0.0639	1054.07	0.04	190.8	0.1411
1054.10	0.029	195.5	0.0639	1054.10	0.04	190.8	0.142
1054.13	0.028	195.5	0.0639	1054.13	0.04	191	0.142
1054.18	0.028	195.7	0.0639	1054.17	0.04	191.2	0.142
1054.22	0.028	195.8	0.0639	1054.20	0.04	191.3	0.142
1054.25	0.028	195.8	0.0639	1054.23	0.039	191.3	0.1411
1054.27	0.028	195.8	0.063	1054.27	0.038	191.4	0.1394
1054.30	0.027	195.8	0.0612	1054.30	0.035	191.3	0.1394
1054.33	0.025	195.8	0.0595	1054.33	0.034	191.3	0.1376
1054.37	0.024	195.8	0.0586	1054.37	0.034	191.3	0.1358
1054.40	0.023	195.8	0.0568	1054.40	0.032	191.3	0.1323
1054.43	0.021	195.7	0.0568	1054.43	0.029	191.2	0.1287
1054.47	0.019	195.7	0.0541	1054.47	0.027	191	0.1252
1054.50	0.019	195.6	0.0524	1054.50	0.026	190.9	0.1198
1054.53	0.018	195.5	0.0497	1054.53	0.021	190.6	0.1198
1054.57	0.015	195.2	0.0462	1054.57	0.019	190.6	0.1136
1054.60	0.014	195.1	0.0435	1054.62	0.017	190.2	0.1047
1054.63	0.012	195	0.0391	1054.65	0.015	189.9	0.1047
1054.67	0.009	194.7	0.0391	1054.68	0.011	189.6	0.0994
1054.70	0.007	194.5	0.0355	1054.70	0.011	189.6	0.0932
1054.73	0.007	194.5	0.0328	1054.73	0.009	189.3	0.0834
1054.77	0.006	194.4	0.0284	1054.77	0.004	188.8	0.0754
1054.80	0.003	194.1	0.024	1054.80	0.001	188.4	0.0683
1054.83	0.001	193.8	0.0204	1054.83	-0.001	188.1	0.0604
1054.87	0	193.6	0.0169	1054.87	-0.005	187.5	0.0604
1054.90	-0.003	193.3	0.0169	1054.90	-0.008	187.1	0.0524
1054.93	-0.005	193.1	0.0124	1054.93	-0.008	187.1	0.0453
1054.97	-0.005	193.1	0.0089	1054.97	-0.009	186.6	0.0373
1055.00	-0.006	192.9	0.0053	1055.00	-0.013	186.1	0.0293
1055.03	-0.008	192.5	0.0018	1055.03	-0.016	185.7	0.0222
1055.07	-0.01	192.3	-0.0009	1055.07	-0.017	185.3	0.016
1055.10	-0.011	192.1	-0.0036	1055.10	-0.02	184.8	0.016
1055.13	-0.013	191.8	-0.0036	1055.13	-0.023	184.4	0.0098
1055.17	-0.014	191.6	-0.0062	1055.17	-0.023	184.4	0.0053
1055.20	-0.014	191.6	-0.008	1055.20	-0.023	184.1	0.0018
1055.23	-0.014	191.4	-0.0098	1055.23	-0.025	183.7	-0.0027
1055.27	-0.015	191.2	-0.0115	1055.27	-0.027	183.4	-0.0062
1055.30	-0.016	191	-0.0133	1055.30	-0.027	183.1	-0.008
1055.33	-0.017	190.8	-0.0142	1055.33	-0.028	182.8	-0.008
1055.37	-0.017	190.7	-0.0142	1055.37	-0.029	182.6	-0.0098
1055.40	-0.017	190.6	-0.0142	1055.40	-0.029	182.6	-0.0115
1055.43	-0.017	190.6	-0.0151	1055.43	-0.029	182.4	-0.0124
1055.47	-0.017	190.4	-0.0151	1055.47	-0.029	182.3	-0.0124
1055.50	-0.017	190.4	-0.0151	1055.50	-0.028	182.1	-0.0124
1055.53	-0.017	190.3	-0.0151	1055.53	-0.028	182	-0.0124
1055.57	-0.016	190.3	-0.0142	1055.57	-0.027	182	-0.0098
1055.60	-0.015	190.2	-0.0124	1055.60	-0.025	182	-0.0098
1055.65	-0.014	190.2	-0.0115	1055.63	-0.024	182	-0.0089
1055.68	-0.014	190.2	-0.0107	1055.67	-0.024	182	-0.0062
1055.70	-0.013	190.2	-0.0089	1055.70	-0.022	182.1	-0.0036
1055.73	-0.01	190.3	-0.0089	1055.73	-0.019	182.3	0
1055.77	-0.009	190.3	-0.0071	1055.77	-0.018	182.3	0.0027
1055.80	-0.009	190.4	-0.0053	1055.80	-0.016	182.5	0.0071
1055.83	-0.008	190.5	-0.0027	1055.83	-0.012	182.7	0.0071
1055.87	-0.005	190.7	0.0009	1055.87	-0.01	182.7	0.0124
1055.90	-0.004	190.8	0.0027	1055.90	-0.01	182.9	0.0169
1055.93	-0.003	190.9	0.0071	1055.93	-0.008	183.3	0.0231
1055.97	0.001	191.2	0.0071	1055.97	-0.003	183.6	0.032

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1056.00	0.002	191.2	0.0107	1056.00	-0.001	183.9	0.0382
1056.03	0.002	191.3	0.0133	1056.03	0.001	184.3	0.0462
1056.07	0.004	191.5	0.0178	1056.08	0.007	184.7	0.055
1056.10	0.007	191.8	0.0222	1056.12	0.007	184.9	0.0586
1056.13	0.008	192	0.0249	1056.13	0.009	185.3	0.0657
1056.17	0.01	192.2	0.0302	1056.17	0.015	185.8	0.0657
1056.20	0.013	192.5	0.0302	1056.20	0.016	185.8	0.0746
1056.23	0.014	192.5	0.0346	1056.23	0.016	186.1	0.0808
1056.27	0.014	192.7	0.0373	1056.27	0.018	186.5	0.0888
1056.30	0.016	192.9	0.0408	1056.30	0.024	187.1	0.0976
1056.33	0.019	193.2	0.0453	1056.33	0.024	187.4	0.103
1056.37	0.02	193.4	0.047	1056.37	0.027	187.9	0.111
1056.40	0.021	193.7	0.0506	1056.40	0.031	188.3	0.111
1056.43	0.023	193.9	0.0506	1056.43	0.032	188.3	0.1181
1056.47	0.024	194.1	0.0533	1056.47	0.032	188.6	0.1216
1056.50	0.024	194.1	0.0559	1056.50	0.033	189	0.126
1056.53	0.025	194.3	0.0577	1056.53	0.037	189.4	0.1314
1056.57	0.026	194.6	0.0604	1056.57	0.037	189.7	0.134
1056.60	0.028	194.8	0.0612	1056.60	0.038	189.9	0.1367
1056.63	0.028	194.9	0.0621	1056.63	0.04	190.2	0.1367
1056.67	0.028	195.1	0.0621	1056.67	0.04	190.2	0.1402
1056.70	0.029	195.2	0.063	1056.70	0.04	190.5	0.1402
1056.73	0.029	195.2	0.0639	1056.73	0.04	190.7	0.1411
1056.77	0.029	195.4	0.0648	1056.77	0.04	190.8	0.142
1056.80	0.029	195.5	0.0648	1056.80	0.04	191	0.142
1056.83	0.029	195.6	0.0648	1056.83	0.04	191.2	0.142
1056.87	0.029	195.7	0.0639	1056.87	0.04	191.3	0.142
1056.90	0.028	195.8	0.063	1056.90	0.038	191.3	0.142
1056.93	0.026	195.8	0.063	1056.93	0.038	191.3	0.1402
1056.97	0.026	195.8	0.0621	1056.97	0.037	191.4	0.1394
1057.00	0.026	195.8	0.0612	1057.00	0.035	191.3	0.1367
1057.03	0.024	195.7	0.0595	1057.03	0.033	191.3	0.134
1057.07	0.023	195.7	0.0577	1057.07	0.031	191.2	0.1305
1057.12	0.022	195.7	0.055	1057.10	0.029	191	0.1305
1057.15	0.021	195.6	0.0541	1057.13	0.026	190.9	0.126
1057.17	0.018	195.5	0.0506	1057.17	0.026	190.9	0.1225
1057.20	0.017	195.4	0.0488	1057.20	0.024	190.8	0.1181
1057.23	0.016	195.2	0.0453	1057.23	0.021	190.4	0.111
1057.27	0.012	195	0.0453	1057.27	0.017	190.2	0.1056
1057.30	0.011	195	0.0417	1057.30	0.015	190	0.0994
1057.33	0.011	194.9	0.0391	1057.33	0.012	189.5	0.0914
1057.37	0.01	194.6	0.0346	1057.37	0.008	189.2	0.0914
1057.40	0.006	194.4	0.0311	1057.40	0.008	189.2	0.0843
1057.43	0.005	194.2	0.0275	1057.43	0.006	188.9	0.0772
1057.47	0.003	194	0.0231	1057.47	0.002	188.4	0.0692
1057.50	0	193.7	0.0231	1057.52	-0.002	188	0.0612
1057.53	-0.001	193.7	0.0186	1057.55	-0.003	187.7	0.0559
1057.57	-0.001	193.5	0.016	1057.58	-0.005	187.3	0.0497
1057.60	-0.003	193.2	0.0115	1057.60	-0.009	186.8	0.0417
1057.63	-0.006	192.9	0.0071	1057.63	-0.011	186.4	0.0346
1057.67	-0.007	192.7	0.0044	1057.67	-0.014	185.9	0.0257
1057.70	-0.008	192.5	0.0009	1057.70	-0.018	185.4	0.0257
1057.73	-0.011	192.2	0.0009	1057.73	-0.018	185.4	0.0195
1057.77	-0.012	192.2	-0.0018	1057.77	-0.018	185.1	0.0142
1057.80	-0.012	192	-0.0036	1057.80	-0.02	184.6	0.0089
1057.83	-0.012	191.7	-0.0071	1057.83	-0.024	184.2	0.0036
1057.87	-0.015	191.5	-0.0089	1057.87	-0.024	183.9	0
1057.90	-0.015	191.3	-0.0107	1057.90	-0.025	183.6	-0.0027
1057.93	-0.016	191.1	-0.0124	1057.93	-0.027	183.2	-0.0027
1057.97	-0.017	190.9	-0.0124	1057.97	-0.028	183.2	-0.0062
1058.00	-0.017	190.9	-0.0133	1058.00	-0.028	183	-0.0089
1058.03	-0.017	190.8	-0.0142	1058.03	-0.028	182.7	-0.0098
1058.07	-0.017	190.6	-0.0151	1058.07	-0.029	182.5	-0.0115

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1058.10	-0.017	190.5	-0.0151	1058.10	-0.029	182.4	-0.0115
1058.13	-0.017	190.4	-0.0151	1058.13	-0.029	182.2	-0.0124
1058.17	-0.017	190.3	-0.0142	1058.17	-0.028	182.1	-0.0124
1058.20	-0.016	190.3	-0.0142	1058.20	-0.027	182.1	-0.0124
1058.23	-0.016	190.3	-0.0142	1058.23	-0.027	182	-0.0115
1058.27	-0.016	190.2	-0.0133	1058.27	-0.026	182	-0.0089
1058.30	-0.015	190.2	-0.0124	1058.30	-0.024	182	-0.0071
1058.33	-0.014	190.3	-0.0107	1058.33	-0.023	182	-0.0053
1058.37	-0.012	190.3	-0.0089	1058.37	-0.022	182.1	-0.0027
1058.40	-0.011	190.3	-0.0071	1058.40	-0.018	182.2	-0.0027
1058.43	-0.009	190.4	-0.0071	1058.43	-0.017	182.2	0.0009
1058.47	-0.008	190.4	-0.0044	1058.47	-0.017	182.4	0.0044
1058.50	-0.008	190.5	-0.0027	1058.50	-0.015	182.6	0.0098
1058.55	-0.005	190.7	0	1058.53	-0.01	182.9	0.0151
1058.58	-0.003	190.8	0.0018	1058.57	-0.009	183	0.0195
1058.62	-0.003	190.8	0.0044	1058.60	-0.007	183.4	0.0275
1058.63	-0.002	191	0.008	1058.63	-0.001	183.7	0.0275
1058.67	0.001	191.2	0.0115	1058.67	0	183.7	0.0346
1058.70	0.003	191.4	0.0151	1058.70	0	184	0.0408
1058.73	0.004	191.6	0.0186	1058.73	0.002	184.4	0.0488
1058.77	0.007	191.9	0.0186	1058.77	0.008	184.8	0.0577
1058.80	0.01	192.1	0.0231	1058.80	0.01	185.2	0.0648
1058.83	0.01	192.1	0.0275	1058.83	0.012	185.6	0.0728
1058.87	0.011	192.3	0.0311	1058.87	0.017	186	0.0728
1058.90	0.013	192.6	0.0355	1058.90	0.019	186	0.0808
1058.93	0.016	192.8	0.0391	1058.93	0.019	186.4	0.0879
1058.97	0.017	193.1	0.0426	1058.98	0.024	187.3	0.095
1059.00	0.019	193.4	0.0462	1059.02	0.026	187.3	0.1003
1059.03	0.021	193.6	0.0462	1059.03	0.026	187.6	0.1056
1059.07	0.021	193.6	0.0488	1059.07	0.027	188	0.1118
1059.10	0.022	193.8	0.0515	1059.10	0.032	188.5	0.1198
1059.13	0.023	194	0.0541	1059.13	0.033	188.8	0.1234
1059.17	0.025	194.3	0.0568	1059.17	0.034	189.1	0.1287
1059.20	0.026	194.4	0.0577	1059.20	0.036	189.5	0.1287
1059.23	0.026	194.7	0.0604	1059.23	0.038	189.8	0.1331
1059.27	0.028	194.8	0.0604	1059.27	0.038	189.8	0.1358
1059.30	0.028	194.8	0.0621	1059.30	0.038	190.1	0.1376
1059.33	0.028	195	0.063	1059.33	0.039	190.3	0.1402
1059.37	0.028	195.1	0.0639	1059.37	0.04	190.6	0.1402
1059.40	0.029	195.3	0.0639	1059.40	0.04	190.7	0.142
1059.43	0.029	195.4	0.0639	1059.43	0.041	190.9	0.142
1059.47	0.029	195.6	0.0648	1059.47	0.04	191.1	0.1429
1059.50	0.029	195.7	0.0648	1059.50	0.04	191.1	0.1429
1059.53	0.028	195.7	0.0648	1059.53	0.04	191.2	0.142
1059.57	0.028	195.8	0.0639	1059.57	0.039	191.3	0.1411
1059.60	0.027	195.8	0.0621	1059.60	0.037	191.3	0.1402
1059.63	0.026	195.8	0.0612	1059.63	0.036	191.4	0.1385
1059.67	0.025	195.8	0.0604	1059.67	0.034	191.3	0.1385
1059.70	0.024	195.7	0.0586	1059.70	0.032	191.2	0.1358
1059.73	0.022	195.7	0.0586	1059.73	0.032	191.2	0.1331
1059.77	0.021	195.7	0.0559	1059.77	0.031	191.2	0.1296
1059.80	0.021	195.6	0.0541	1059.80	0.027	190.9	0.1243
1059.83	0.019	195.5	0.0515	1059.83	0.025	190.8	0.1207
1059.87	0.016	195.3	0.0479	1059.87	0.023	190.7	0.1154
1059.90	0.016	195.2	0.0462	1059.90	0.019	190.3	0.1154
1059.93	0.014	195	0.0426	1059.93	0.017	190.1	0.1092
1059.97	0.01	194.8	0.0426	1059.97	0.017	190.1	0.1047
1060.02	0.01	194.7	0.0364	1060.00	0.014	189.8	0.0968
1060.05	0.009	194.6	0.0337	1060.03	0.01	189.4	0.0888
1060.07	0.005	194.3	0.0337	1060.07	0.006	189	0.0817
1060.10	0.004	194.3	0.0302	1060.10	0.005	188.8	0.0746
1060.13	0.004	194.1	0.0257	1060.13	0.001	188.2	0.0746
1060.17	0.003	193.9	0.0213	1060.17	-0.003	187.8	0.0657

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1060.20	-0.001	193.6	0.0169	1060.20	-0.003	187.8	0.0586
1060.23	-0.002	193.4	0.0142	1060.23	-0.004	187.5	0.0515
1060.27	-0.004	193.1	0.0098	1060.27	-0.008	186.8	0.0426
1060.30	-0.006	192.8	0.0098	1060.30	-0.012	186.4	0.0346
1060.33	-0.008	192.8	0.0062	1060.33	-0.013	186.1	0.0284
1060.37	-0.008	192.6	0.0036	1060.37	-0.016	185.5	0.0284
1060.40	-0.009	192.4	0	1060.40	-0.019	185.1	0.0204
1060.43	-0.011	192.1	-0.0027	1060.45	-0.02	184.8	0.0107
1060.47	-0.012	191.9	-0.0053	1060.48	-0.021	184.4	0.0053
1060.50	-0.013	191.6	-0.008	1060.50	-0.024	184	0.0053
1060.53	-0.015	191.4	-0.008	1060.53	-0.024	184	0.0018
1060.57	-0.015	191.2	-0.0098	1060.57	-0.025	183.7	-0.0018
1060.60	-0.015	191.2	-0.0115	1060.60	-0.026	183.3	-0.0053
1060.63	-0.016	191	-0.0124	1060.63	-0.028	183	-0.008
1060.67	-0.017	190.8	-0.0142	1060.67	-0.028	182.8	-0.0089
1060.70	-0.017	190.7	-0.0142	1060.70	-0.028	182.6	-0.0107
1060.73	-0.017	190.6	-0.0151	1060.73	-0.028	182.4	-0.0107
1060.77	-0.017	190.4	-0.0151	1060.77	-0.029	182.4	-0.0124
1060.80	-0.017	190.4	-0.0151	1060.80	-0.029	182.2	-0.0124
1060.83	-0.017	190.4	-0.0151	1060.83	-0.029	182.1	-0.0124
1060.87	-0.017	190.3	-0.0151	1060.87	-0.028	182	-0.0115
1060.90	-0.016	190.2	-0.0142	1060.90	-0.027	181.9	-0.0107
1060.93	-0.015	190.2	-0.0133	1060.93	-0.026	181.9	-0.0089
1060.97	-0.014	190.2	-0.0124	1060.97	-0.023	182	-0.0089
1061.00	-0.014	190.2	-0.0107	1061.00	-0.023	182	-0.0062
1061.03	-0.011	190.3	-0.0107	1061.03	-0.023	182	-0.0044
1061.07	-0.011	190.3	-0.0089	1061.07	-0.021	182.2	-0.0009
1061.10	-0.011	190.3	-0.0071	1061.10	-0.017	182.3	0.0027
1061.13	-0.01	190.4	-0.0044	1061.13	-0.016	182.4	0.0071
1061.17	-0.007	190.6	-0.0018	1061.17	-0.014	182.6	0.0115
1061.20	-0.006	190.7	0.0009	1061.20	-0.009	182.9	0.0115
1061.23	-0.004	190.8	0.0044	1061.23	-0.008	182.9	0.0178
1061.27	-0.001	191	0.0044	1061.27	-0.008	183.1	0.0231
1061.30	0	191	0.008	1061.30	-0.006	183.5	0.0302
1061.33	0	191.1	0.0107	1061.33	0	183.8	0.0382
1061.37	0.002	191.4	0.0142	1061.37	0.001	184.1	0.0453
1061.40	0.006	191.6	0.0186	1061.40	0.004	184.5	0.0524
1061.45	0.006	191.8	0.0213	1061.43	0.01	184.9	0.0524
1061.48	0.007	191.9	0.024	1061.47	0.011	184.9	0.0612
1061.52	0.011	192.2	0.0293	1061.50	0.011	185.3	0.0675
1061.53	0.012	192.4	0.032	1061.53	0.013	185.7	0.0754
1061.57	0.013	192.6	0.0364	1061.57	0.019	186.2	0.0843
1061.60	0.017	192.9	0.0364	1061.60	0.02	186.5	0.0905
1061.63	0.018	193.1	0.0399	1061.63	0.022	187.1	0.0985
1061.67	0.018	193.1	0.0426	1061.67	0.027	187.5	0.0985
1061.70	0.019	193.3	0.0462	1061.70	0.028	187.5	0.1056
1061.73	0.022	193.7	0.0497	1061.73	0.028	187.9	0.1118
1061.77	0.023	193.9	0.0524	1061.77	0.03	188.3	0.1181
1061.80	0.023	194.1	0.055	1061.80	0.034	188.7	0.1243
1061.83	0.025	194.3	0.055	1061.83	0.034	189	0.1278
1061.87	0.027	194.5	0.0568	1061.88	0.036	189.3	0.1323
1061.90	0.027	194.5	0.0595	1061.92	0.037	189.7	0.1349
1061.93	0.027	194.7	0.0612	1061.93	0.038	189.9	0.1367
1061.97	0.027	194.9	0.0621	1061.97	0.038	190.2	0.1394
1062.00	0.028	195.1	0.063	1062.00	0.04	190.5	0.1394
1062.03	0.028	195.2	0.0639	1062.03	0.04	190.5	0.1411
1062.07	0.029	195.4	0.0639	1062.07	0.04	190.7	0.142
1062.10	0.029	195.5	0.0639	1062.10	0.04	190.8	0.142
1062.13	0.029	195.5	0.0639	1062.13	0.04	191	0.142
1062.17	0.029	195.6	0.0639	1062.17	0.04	191.2	0.142
1062.20	0.028	195.7	0.0639	1062.20	0.04	191.3	0.142
1062.23	0.028	195.7	0.0639	1062.23	0.039	191.3	0.142
1062.27	0.027	195.8	0.0621	1062.27	0.037	191.3	0.1411

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1062.30	0.026	195.7	0.0604	1062.30	0.037	191.3	0.1394
1062.33	0.024	195.7	0.0604	1062.33	0.035	191.3	0.1376
1062.37	0.023	195.7	0.0595	1062.37	0.033	191.2	0.1349
1062.40	0.023	195.7	0.0577	1062.40	0.031	191.2	0.1323
1062.43	0.022	195.6	0.0559	1062.43	0.029	191.1	0.1278
1062.47	0.02	195.6	0.0533	1062.47	0.026	190.9	0.1278
1062.50	0.019	195.5	0.0506	1062.50	0.024	190.7	0.1234
1062.53	0.017	195.2	0.0479	1062.53	0.024	190.7	0.1189
1062.57	0.014	195.1	0.0479	1062.57	0.022	190.6	0.1136
1062.60	0.013	195.1	0.0444	1062.60	0.018	190.2	0.1065
1062.63	0.013	195	0.0417	1062.63	0.015	189.9	0.1003
1062.67	0.011	194.8	0.0382	1062.67	0.013	189.7	0.0941
1062.70	0.007	194.6	0.0337	1062.70	0.009	189.2	0.0941
1062.73	0.007	194.4	0.0311	1062.73	0.005	188.9	0.0861
1062.77	0.005	194.1	0.0257	1062.77	0.005	188.9	0.079
1062.80	0.001	193.9	0.0257	1062.80	0.003	188.6	0.071
1062.83	0.001	193.9	0.0222	1062.83	-0.001	188	0.0621
1062.87	0.001	193.7	0.0186	1062.87	-0.004	187.6	0.055
1062.92	-0.003	193.2	0.0151	1062.90	-0.006	187.3	0.0479
1062.95	-0.004	193.2	0.0124	1062.93	-0.009	186.6	0.0479
1062.97	-0.004	193	0.0089	1062.97	-0.013	186.2	0.0391
1063.00	-0.006	192.7	0.0053	1063.00	-0.013	186.2	0.032
1063.03	-0.009	192.4	0.0018	1063.03	-0.014	185.8	0.0249
1063.07	-0.01	192.2	-0.0009	1063.07	-0.017	185.3	0.0178
1063.10	-0.011	192	-0.0036	1063.10	-0.02	184.9	0.0124
1063.13	-0.013	191.7	-0.0036	1063.13	-0.021	184.6	0.0062
1063.17	-0.014	191.7	-0.0062	1063.17	-0.024	184.1	0.0027
1063.20	-0.014	191.5	-0.008	1063.20	-0.026	183.8	0.0027
1063.23	-0.015	191.3	-0.0098	1063.23	-0.026	183.8	-0.0018
1063.27	-0.016	191.1	-0.0115	1063.27	-0.026	183.5	-0.0044
1063.30	-0.016	190.9	-0.0124	1063.30	-0.027	183.2	-0.0071
1063.33	-0.017	190.8	-0.0142	1063.35	-0.028	182.9	-0.0098
1063.37	-0.017	190.6	-0.0142	1063.38	-0.028	182.6	-0.0107
1063.40	-0.017	190.6	-0.0151	1063.40	-0.028	182.5	-0.0115
1063.43	-0.017	190.5	-0.0151	1063.43	-0.029	182.3	-0.0115
1063.47	-0.017	190.4	-0.0151	1063.47	-0.029	182.1	-0.0124
1063.50	-0.017	190.3	-0.0151	1063.50	-0.028	182	-0.0115
1063.53	-0.017	190.2	-0.0151	1063.53	-0.027	181.9	-0.0115
1063.57	-0.016	190.2	-0.0142	1063.57	-0.026	181.9	-0.0107
1063.60	-0.015	190.2	-0.0142	1063.60	-0.026	181.9	-0.0098
1063.63	-0.014	190.2	-0.0124	1063.63	-0.025	181.9	-0.008
1063.67	-0.014	190.2	-0.0115	1063.67	-0.023	182	-0.0053
1063.70	-0.013	190.2	-0.0098	1063.70	-0.022	182	-0.0036
1063.73	-0.011	190.3	-0.008	1063.73	-0.02	182.1	0.0009
1063.77	-0.01	190.3	-0.0062	1063.77	-0.016	182.3	0.0009
1063.80	-0.009	190.4	-0.0036	1063.80	-0.015	182.3	0.0044
1063.83	-0.007	190.6	-0.0009	1063.83	-0.015	182.5	0.008
1063.87	-0.005	190.7	-0.0009	1063.87	-0.013	182.6	0.0133
1063.90	-0.005	190.7	0.0018	1063.90	-0.008	183	0.0195
1063.93	-0.003	190.8	0.0053	1063.93	-0.007	183.2	0.0249
1063.97	-0.001	191	0.0089	1063.97	-0.004	183.5	0.0337
1064.00	0.002	191.2	0.0124	1064.00	0.001	183.9	0.0337
1064.03	0.003	191.4	0.0151	1064.03	0.003	184.2	0.0417
1064.07	0.005	191.6	0.0195	1064.07	0.003	184.2	0.0479
1064.10	0.008	191.8	0.0195	1064.10	0.005	184.6	0.0559
1064.13	0.009	191.8	0.0231	1064.13	0.01	185.1	0.0648
1064.17	0.009	192	0.0275	1064.17	0.013	185.5	0.071
1064.20	0.011	192.3	0.0311	1064.20	0.015	185.8	0.079
1064.23	0.014	192.6	0.0355	1064.23	0.019	186.3	0.079
1064.27	0.015	192.8	0.0391	1064.27	0.021	186.7	0.0879
1064.30	0.017	193.1	0.0426	1064.30	0.021	186.7	0.0941
1064.33	0.02	193.3	0.0426	1064.33	0.023	187.2	0.1021
1064.38	0.02	193.5	0.0479	1064.37	0.027	187.6	0.1092

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1064.42	0.021	193.8	0.0506	1064.40	0.029	188	0.1145
1064.43	0.024	194	0.0506	1064.43	0.031	188.4	0.1207
1064.47	0.024	194	0.0541	1064.47	0.034	188.8	0.1207
1064.50	0.024	194.2	0.0559	1064.50	0.035	189.1	0.126
1064.53	0.025	194.4	0.0577	1064.53	0.035	189.1	0.1296
1064.57	0.027	194.6	0.0604	1064.57	0.036	189.5	0.134
1064.60	0.027	194.8	0.0612	1064.60	0.038	189.8	0.1367
1064.63	0.027	194.9	0.0621	1064.63	0.039	190.1	0.1394
1064.67	0.028	195.1	0.0621	1064.67	0.039	190.3	0.1402
1064.70	0.029	195.1	0.0639	1064.70	0.04	190.5	0.1402
1064.73	0.029	195.2	0.0639	1064.73	0.04	190.7	0.1411
1064.77	0.029	195.4	0.0639	1064.78	0.04	190.9	0.1429
1064.80	0.029	195.5	0.0639	1064.82	0.04	191.1	0.1429
1064.83	0.028	195.6	0.0639	1064.85	0.04	191.2	0.1429
1064.87	0.028	195.7	0.0639	1064.87	0.04	191.2	0.1429
1064.90	0.028	195.8	0.0639	1064.90	0.04	191.3	0.142
1064.93	0.027	195.8	0.063	1064.93	0.038	191.3	0.1402
1064.97	0.027	195.8	0.0621	1064.97	0.036	191.3	0.1394
1065.00	0.026	195.8	0.0604	1065.00	0.035	191.3	0.1376
1065.03	0.024	195.7	0.0586	1065.03	0.033	191.2	0.134
1065.07	0.022	195.7	0.0568	1065.07	0.029	191.1	0.134
1065.10	0.022	195.6	0.055	1065.10	0.029	191.1	0.1305
1065.13	0.019	195.5	0.055	1065.13	0.029	191	0.1269
1065.17	0.018	195.4	0.0524	1065.17	0.026	190.8	0.1225
1065.20	0.018	195.4	0.0497	1065.20	0.022	190.6	0.1163
1065.23	0.017	195.3	0.047	1065.23	0.021	190.4	0.1118
1065.27	0.014	195	0.0426	1065.27	0.018	190.1	0.1056
1065.30	0.012	194.9	0.0399	1065.30	0.013	189.7	0.1056
1065.33	0.011	194.7	0.0373	1065.33	0.011	189.7	0.0976
1065.37	0.007	194.5	0.0373	1065.37	0.011	189.5	0.0914
1065.40	0.005	194.3	0.0328	1065.40	0.009	189.1	0.0834
1065.43	0.005	194.3	0.0293	1065.43	0.003	188.6	0.0746
1065.47	0.004	194.1	0.0249	1065.47	0.002	188.4	0.0683
1065.50	0.001	193.8	0.0213	1065.50	-0.001	187.9	0.0604
1065.53	-0.001	193.6	0.0178	1065.53	-0.006	187.4	0.0604
1065.57	-0.002	193.4	0.0133	1065.57	-0.007	187.4	0.0515
1065.60	-0.005	193	0.0133	1065.60	-0.007	187.1	0.0462
1065.63	-0.007	192.8	0.0089	1065.63	-0.009	186.5	0.0373
1065.67	-0.007	192.8	0.0062	1065.67	-0.015	186	0.0284
1065.70	-0.007	192.6	0.0027	1065.70	-0.016	185.6	0.0231
1065.73	-0.009	192.3	-0.0009	1065.73	-0.017	185.2	0.0169
1065.77	-0.011	192	-0.0036	1065.77	-0.021	184.7	0.0169
1065.82	-0.012	191.8	-0.0062	1065.80	-0.022	184.7	0.0098
1065.85	-0.013	191.6	-0.0071	1065.83	-0.022	184.4	0.0062
1065.87	-0.015	191.4	-0.0098	1065.87	-0.023	184	0.0018
1065.90	-0.015	191.2	-0.0107	1065.90	-0.026	183.6	-0.0027
1065.93	-0.016	191	-0.0107	1065.93	-0.026	183.3	-0.0062
1065.97	-0.016	190.8	-0.0124	1065.97	-0.027	183	-0.0089
1066.00	-0.016	190.8	-0.0133	1066.00	-0.029	182.8	-0.0089
1066.03	-0.017	190.7	-0.0142	1066.03	-0.029	182.8	-0.0098
1066.07	-0.017	190.5	-0.0151	1066.07	-0.029	182.5	-0.0115
1066.10	-0.017	190.4	-0.016	1066.10	-0.029	182.4	-0.0115
1066.13	-0.017	190.3	-0.0151	1066.13	-0.028	182.2	-0.0115
1066.17	-0.017	190.2	-0.0151	1066.17	-0.028	182.1	-0.0124
1066.20	-0.016	190.2	-0.0151	1066.20	-0.028	182	-0.0115
1066.23	-0.016	190.2	-0.0142	1066.25	-0.026	182	-0.0098
1066.27	-0.016	190.1	-0.0133	1066.28	-0.026	181.9	-0.0098
1066.30	-0.015	190.1	-0.0124	1066.30	-0.025	181.9	-0.0071
1066.33	-0.013	190.1	-0.0107	1066.33	-0.022	182	-0.0071
1066.37	-0.012	190.2	-0.0098	1066.37	-0.021	182	-0.0044
1066.40	-0.011	190.3	-0.0071	1066.40	-0.021	182	-0.0009
1066.43	-0.009	190.3	-0.0071	1066.43	-0.019	182.2	0.0027
1066.47	-0.008	190.3	-0.0053	1066.47	-0.015	182.4	0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1066.50	-0.008	190.4	-0.0027	1066.50	-0.014	182.5	0.0107
1066.53	-0.007	190.6	0	1066.53	-0.012	182.7	0.016
1066.57	-0.003	190.7	0.0036	1066.57	-0.007	183.1	0.016
1066.60	-0.002	190.9	0.0062	1066.60	-0.005	183.1	0.0231
1066.63	-0.001	191.1	0.0098	1066.63	-0.005	183.3	0.0293
1066.67	0.003	191.3	0.0098	1066.67	-0.003	183.6	0.0364
1066.70	0.004	191.3	0.0142	1066.70	0.002	184.1	0.0453
1066.73	0.004	191.4	0.0169	1066.73	0.004	184.4	0.0506
1066.77	0.005	191.6	0.0195	1066.77	0.005	184.6	0.0541
1066.80	0.007	191.8	0.0222	1066.80	0.006	184.8	0.0541
1066.83	0.009	192	0.0257				
1066.87	0.01	192.2	0.0302				
1066.90	0.014	192.5	0.0302				
1066.93	0.014	192.5	0.0346				
1066.97	0.014	192.7	0.0373				
1067.00	0.016	193	0.0408				
1067.03	0.019	193.2	0.0444				
1067.07	0.02	193.4	0.047				
1067.10	0.021	193.7	0.0506				
1067.13	0.024	193.9	0.0506				
1067.17	0.024	193.9	0.0533				
1067.20	0.024	194.1	0.055				
1067.23	0.025	194.3	0.0577				
1067.28	0.027	194.6	0.0604				
1067.32	0.027	194.7	0.0612				
1067.33	0.028	194.9	0.0621				
1067.37	0.028	195	0.063				
1067.40	0.029	195.2	0.0639				
1067.43	0.029	195.3	0.0639				
1067.47	0.029	195.5	0.0639				
1067.50	0.029	195.5	0.0648				
1067.53	0.029	195.6	0.0648				
1067.57	0.029	195.7	0.0648				
1067.60	0.028	195.7	0.0639				
1067.63	0.027	195.8	0.063				
1067.67	0.026	195.8	0.0612				
1067.70	0.025	195.7	0.0612				
1067.73	0.023	195.7	0.0595				
1067.77	0.023	195.7	0.0577				
1067.80	0.022	195.7	0.0559				
1067.83	0.02	195.5	0.0533				
1067.87	0.019	195.4	0.0515				
1067.90	0.017	195.3	0.0479				
1067.93	0.014	195.1	0.0479				
1067.97	0.013	195	0.0444				
1068.00	0.013	195	0.0417				
1068.03	0.011	194.8	0.0382				
1068.07	0.009	194.6	0.0346				
1068.10	0.006	194.4	0.0311				
1068.13	0.005	194.2	0.0275				
1068.17	0.002	193.9	0.0275				
1068.20	0	193.7	0.0222				
1068.23	0	193.7	0.0195				
1068.27	-0.001	193.5	0.0151				
1068.30	-0.004	193.1	0.0115				
1068.33	-0.006	192.9	0.008				
1068.37	-0.007	192.7	0.0044				
1068.40	-0.009	192.4	0.0009				
1068.43	-0.011	192.1	0.0009				
1068.47	-0.011	192.1	-0.0018				
1068.50	-0.011	191.9	-0.0044				
1068.53	-0.013	191.6	-0.0071				
1068.57	-0.015	191.4	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1068.60	-0.015	191.2	-0.0107				
1068.63	-0.016	191	-0.0124				
1068.67	-0.017	190.9	-0.0124				
1068.72	-0.017	190.7	-0.0142				
1068.75	-0.017	190.6	-0.0142				
1068.78	-0.017	190.5	-0.0142				
1068.80	-0.017	190.5	-0.0151				
1068.83	-0.017	190.3	-0.0151				
1068.87	-0.017	190.3	-0.0151				
1068.90	-0.017	190.2	-0.0151				
1068.93	-0.016	190.1	-0.0142				
1068.97	-0.016	190.1	-0.0124				
1069.00	-0.014	190.1	-0.0124				
1069.03	-0.013	190.1	-0.0115				
1069.07	-0.013	190.1	-0.0098				
1069.10	-0.012	190.2	-0.008				
1069.13	-0.009	190.3	-0.0062				
1069.17	-0.009	190.4	-0.0044				
1069.20	-0.007	190.5	-0.0009				
1069.23	-0.005	190.6	-0.0009				
1069.27	-0.003	190.6	0.0027				
1069.30	-0.003	190.8	0.0044				
1069.33	-0.002	190.9	0.008				
1069.37	0.001	191.2	0.0115				
1069.40	0.003	191.3	0.0151				
1069.43	0.004	191.5	0.0195				
1069.47	0.008	191.8	0.0195				
1069.50	0.009	191.8	0.0231				
1069.53	0.009	192	0.0275				
1069.57	0.011	192.2	0.032				
1069.60	0.014	192.5	0.0364				
1069.63	0.015	192.7	0.0391				
1069.67	0.017	193	0.0435				
1069.70	0.019	193.3	0.0435				
1069.73	0.021	193.5	0.0462				
1069.77	0.021	193.5	0.0488				
1069.80	0.022	193.7	0.0515				
1069.83	0.024	194	0.0541				
1069.87	0.025	194.2	0.0568				
1069.90	0.026	194.4	0.0586				
1069.93	0.027	194.6	0.0586				
1069.97	0.028	194.8	0.0604				
1070.00	0.028	194.8	0.0621				
1070.03	0.028	194.9	0.0621				
1070.07	0.028	195.1	0.063				
1070.10	0.029	195.2	0.0648				
1070.13	0.029	195.4	0.0648				
1070.18	0.029	195.5	0.0648				
1070.22	0.029	195.6	0.0648				
1070.23	0.029	195.7	0.0648				
1070.27	0.028	195.7	0.063				
1070.30	0.026	195.7	0.063				
1070.33	0.026	195.7	0.0621				
1070.37	0.025	195.7	0.0604				
1070.40	0.024	195.7	0.0586				
1070.43	0.022	195.6	0.0568				
1070.47	0.022	195.6	0.0559				
1070.50	0.02	195.5	0.0524				
1070.53	0.017	195.3	0.0524				
1070.57	0.016	195.3	0.0497				
1070.60	0.016	195.2	0.0479				
1070.63	0.015	195	0.0435				
1070.67	0.011	194.8	0.0399				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1070.70	0.01	194.7	0.0373				
1070.73	0.009	194.5	0.0337				
1070.77	0.005	194.2	0.0337				
1070.80	0.004	194.2	0.0293				
1070.83	0.004	194.1	0.0257				
1070.87	0.002	193.8	0.0213				
1070.90	-0.001	193.5	0.0178				
1070.93	-0.002	193.3	0.0142				
1070.97	-0.004	193	0.0098				
1071.00	-0.007	192.8	0.0098				
1071.03	-0.007	192.8	0.0062				
1071.07	-0.007	192.5	0.0036				
1071.10	-0.009	192.2	0				
1071.13	-0.012	192	-0.0036				
1071.17	-0.012	191.8	-0.0053				
1071.20	-0.013	191.6	-0.0071				
1071.23	-0.015	191.3	-0.0071				
1071.27	-0.016	191.3	-0.0098				
1071.30	-0.016	191.2	-0.0107				
1071.33	-0.016	191	-0.0124				
1071.37	-0.017	190.8	-0.0133				
1071.40	-0.017	190.6	-0.0142				
1071.43	-0.017	190.5	-0.0151				
1071.47	-0.017	190.4	-0.0151				
1071.50	-0.017	190.4	-0.0151				
1071.53	-0.017	190.3	-0.0151				
1071.57	-0.017	190.2	-0.0151				
1071.62	-0.016	190.2	-0.0142				
1071.65	-0.016	190.1	-0.0133				
1071.68	-0.015	190.1	-0.0124				
1071.70	-0.014	190.1	-0.0107				
1071.73	-0.012	190.2	-0.0089				
1071.77	-0.011	190.2	-0.0071				
1071.80	-0.009	190.3	-0.0071				
1071.83	-0.008	190.3	-0.0053				
1071.87	-0.008	190.4	-0.0027				
1071.90	-0.007	190.5	0				
1071.93	-0.004	190.7	0.0027				
1071.97	-0.002	190.8	0.0062				
1072.00	-0.001	191	0.0098				
1072.03	0.002	191.2	0.0098				
1072.07	0.004	191.4	0.0133				
1072.10	0.004	191.4	0.016				
1072.13	0.005	191.6	0.0204				
1072.17	0.009	191.9	0.0249				
1072.20	0.01	192.1	0.0293				
1072.23	0.012	192.3	0.0328				
1072.27	0.015	192.6	0.0328				
1072.30	0.016	192.8	0.0373				
1072.33	0.016	192.8	0.0399				
1072.37	0.017	193	0.0435				
1072.40	0.02	193.4	0.047				
1072.43	0.022	193.6	0.0497				
1072.47	0.022	193.8	0.0524				
1072.50	0.024	194.1	0.0524				
1072.53	0.025	194.3	0.0559				
1072.57	0.025	194.3	0.0577				
1072.60	0.026	194.5	0.0595				
1072.63	0.027	194.7	0.0612				
1072.67	0.028	194.8	0.0621				
1072.70	0.028	195	0.063				
1072.73	0.029	195.1	0.0639				
1072.77	0.029	195.3	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1072.80	0.029	195.3	0.0639				
1072.83	0.029	195.4	0.0639				
1072.87	0.028	195.5	0.0648				
1072.90	0.028	195.6	0.0648				
1072.93	0.028	195.7	0.0639				
1072.97	0.027	195.7	0.0621				
1073.00	0.025	195.7	0.0621				
1073.03	0.025	195.7	0.0604				
1073.08	0.024	195.7	0.0586				
1073.12	0.022	195.6	0.0586				
1073.13	0.021	195.6	0.0568				
1073.17	0.021	195.6	0.0541				
1073.20	0.02	195.4	0.0515				
1073.23	0.016	195.2	0.0488				
1073.27	0.016	195.1	0.0462				
1073.30	0.014	195	0.0426				
1073.33	0.01	194.8	0.0426				
1073.37	0.01	194.8	0.0391				
1073.40	0.01	194.6	0.0364				
1073.43	0.008	194.4	0.032				
1073.47	0.004	194.2	0.0275				
1073.50	0.003	194	0.024				
1073.53	0.002	193.7	0.0204				
1073.57	-0.002	193.4	0.0204				
1073.60	-0.003	193.4	0.0151				
1073.63	-0.003	193.2	0.0133				
1073.67	-0.004	193	0.0089				
1073.70	-0.007	192.7	0.0044				
1073.73	-0.008	192.4	0.0027				
1073.77	-0.01	192.2	-0.0018				
1073.80	-0.012	191.9	-0.0018				
1073.83	-0.013	191.7	-0.0044				
1073.87	-0.013	191.7	-0.0062				
1073.90	-0.014	191.5	-0.008				
1073.93	-0.015	191.2	-0.0107				
1073.97	-0.016	191	-0.0124				
1074.00	-0.016	190.9	-0.0133				
1074.03	-0.017	190.7	-0.0133				
1074.07	-0.017	190.6	-0.0142				
1074.10	-0.017	190.6	-0.0142				
1074.13	-0.017	190.4	-0.0151				
1074.17	-0.017	190.3	-0.0151				
1074.20	-0.017	190.2	-0.0151				
1074.23	-0.017	190.2	-0.0142				
1074.27	-0.016	190.2	-0.0142				
1074.30	-0.015	190.1	-0.0133				
1074.33	-0.015	190.1	-0.0124				
1074.37	-0.014	190.1	-0.0107				
1074.40	-0.012	190.2	-0.0098				
1074.43	-0.011	190.2	-0.008				
1074.47	-0.01	190.3	-0.0053				
1074.50	-0.008	190.4	-0.0053				
1074.55	-0.006	190.5	-0.0009				
1074.58	-0.006	190.6	0.0018				
1074.60	-0.004	190.8	0.0044				
1074.63	-0.001	190.9	0.0044				
1074.67	-0.001	190.9	0.008				
1074.70	0	191.1	0.0115				
1074.73	0.003	191.3	0.0151				
1074.77	0.006	191.5	0.0186				
1074.80	0.006	191.7	0.0222				
1074.83	0.009	192	0.0275				
1074.87	0.012	192.2	0.0275				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1074.90	0.013	192.2	0.0311				
1074.93	0.013	192.4	0.0346				
1074.97	0.014	192.7	0.0382				
1075.00	0.017	193	0.0417				
1075.03	0.018	193.2	0.0444				
1075.07	0.019	193.5	0.0479				
1075.10	0.023	193.7	0.0479				
1075.13	0.023	193.7	0.0515				
1075.17	0.023	193.9	0.0533				
1075.20	0.024	194.1	0.0568				
1075.23	0.026	194.3	0.0586				
1075.27	0.026	194.5	0.0604				
1075.30	0.027	194.7	0.0612				
1075.33	0.028	194.9	0.0612				
1075.37	0.028	194.9	0.063				
1075.40	0.028	195	0.0639				
1075.43	0.028	195.2	0.0639				
1075.47	0.029	195.3	0.0648				
1075.50	0.029	195.4	0.0648				
1075.53	0.029	195.6	0.0648				
1075.57	0.028	195.7	0.0648				
1075.60	0.027	195.7	0.0648				
1075.63	0.027	195.7	0.0639				
1075.67	0.027	195.7	0.0621				
1075.70	0.025	195.7	0.0604				
1075.73	0.024	195.7	0.0595				
1075.77	0.023	195.6	0.0568				
1075.80	0.021	195.5	0.0568				
1075.83	0.019	195.5	0.0541				
1075.87	0.019	195.4	0.0524				
1075.90	0.018	195.3	0.0497				
1075.93	0.015	195.1	0.0462				
1075.98	0.014	195	0.0435				
1076.02	0.013	194.9	0.0417				
1076.05	0.01	194.7	0.0373				
1076.07	0.009	194.5	0.0346				
1076.10	0.007	194.3	0.0311				
1076.13	0.003	194	0.0311				
1076.17	0.002	193.8	0.0257				
1076.20	0.002	193.8	0.0222				
1076.23	0.001	193.6	0.0178				
1076.27	-0.002	193.3	0.0142				
1076.30	-0.004	193.1	0.0107				
1076.33	-0.005	192.9	0.0071				
1076.37	-0.007	192.5	0.0071				
1076.40	-0.009	192.3	0.0036				
1076.43	-0.009	192.3	0.0009				
1076.47	-0.01	192.1	-0.0027				
1076.50	-0.012	191.8	-0.0053				
1076.53	-0.014	191.6	-0.0071				
1076.57	-0.014	191.3	-0.0089				
1076.60	-0.015	191.1	-0.0089				
1076.63	-0.016	190.9	-0.0107				
1076.67	-0.016	190.9	-0.0124				
1076.70	-0.017	190.8	-0.0133				
1076.73	-0.017	190.6	-0.0142				
1076.77	-0.017	190.5	-0.0151				
1076.80	-0.017	190.4	-0.0151				
1076.83	-0.017	190.3	-0.0151				
1076.87	-0.017	190.2	-0.0151				
1076.90	-0.017	190.2	-0.0151				
1076.93	-0.016	190.1	-0.0142				
1076.97	-0.016	190.1	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1077.00	-0.015	190.1	-0.0124				
1077.03	-0.014	190.1	-0.0107				
1077.07	-0.013	190.2	-0.0089				
1077.10	-0.01	190.2	-0.0089				
1077.13	-0.009	190.2	-0.0071				
1077.17	-0.009	190.3	-0.0044				
1077.20	-0.008	190.4	-0.0018				
1077.23	-0.005	190.6	0.0009				
1077.27	-0.004	190.7	0.0036				
1077.30	-0.003	190.9	0.0071				
1077.33	0.001	191.1	0.0071				
1077.37	0.002	191.1	0.0107				
1077.40	0.002	191.2	0.0133				
1077.45	0.006	191.6	0.0178				
1077.48	0.007	191.6	0.0195				
1077.50	0.007	191.8	0.0231				
1077.53	0.009	192.1	0.0284				
1077.57	0.013	192.3	0.032				
1077.60	0.013	192.5	0.0355				
1077.63	0.015	192.8	0.0399				
1077.67	0.019	193.1	0.0399				
1077.70	0.019	193.1	0.0444				
1077.73	0.019	193.3	0.047				
1077.77	0.02	193.5	0.0497				
1077.80	0.023	193.8	0.0524				
1077.83	0.024	194	0.055				
1077.87	0.025	194.2	0.0577				
1077.90	0.027	194.4	0.0577				
1077.93	0.027	194.4	0.0595				
1077.97	0.027	194.6	0.0604				
1078.00	0.027	194.8	0.0612				
1078.03	0.028	195	0.063				
1078.07	0.029	195.1	0.0639				
1078.10	0.029	195.2	0.0639				
1078.13	0.029	195.4	0.0639				
1078.17	0.029	195.4	0.0648				
1078.20	0.029	195.5	0.0648				
1078.23	0.029	195.6	0.0648				
1078.27	0.028	195.7	0.0639				
1078.30	0.027	195.7	0.063				
1078.33	0.026	195.7	0.0612				
1078.37	0.025	195.7	0.0612				
1078.40	0.023	195.6	0.0595				
1078.43	0.023	195.6	0.0577				
1078.47	0.022	195.6	0.0559				
1078.50	0.02	195.5	0.0533				
1078.53	0.018	195.3	0.0515				
1078.57	0.017	195.2	0.0479				
1078.60	0.015	195	0.0444				
1078.63	0.012	194.9	0.0444				
1078.67	0.012	194.9	0.0417				
1078.70	0.011	194.8	0.0382				
1078.73	0.009	194.5	0.0346				
1078.77	0.006	194.3	0.0311				
1078.80	0.005	194.1	0.0275				
1078.83	0.003	193.8	0.0231				
1078.88	0	193.6	0.0195				
1078.92	0	193.4	0.0169				
1078.95	-0.002	193.2	0.0133				
1078.97	-0.005	192.9	0.0133				
1079.00	-0.006	192.9	0.0098				
1079.03	-0.006	192.7	0.0062				
1079.07	-0.008	192.4	0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1079.10	-0.01	192.1	-0.0009				
1079.13	-0.011	191.9	-0.0027				
1079.17	-0.012	191.7	-0.0053				
1079.20	-0.014	191.4	-0.0053				
1079.23	-0.015	191.4	-0.008				
1079.27	-0.015	191.3	-0.0098				
1079.30	-0.015	191	-0.0107				
1079.33	-0.017	190.9	-0.0124				
1079.37	-0.017	190.7	-0.0133				
1079.40	-0.017	190.6	-0.0142				
1079.43	-0.017	190.4	-0.0142				
1079.47	-0.017	190.4	-0.0151				
1079.50	-0.017	190.3	-0.0151				
1079.53	-0.017	190.2	-0.0151				
1079.57	-0.017	190.2	-0.0142				
1079.60	-0.016	190.1	-0.0133				
1079.63	-0.015	190.1	-0.0124				
1079.67	-0.014	190.1	-0.0124				
1079.70	-0.013	190.1	-0.0115				
1079.73	-0.013	190.1	-0.0098				
1079.77	-0.012	190.2	-0.008				
1079.80	-0.01	190.3	-0.0062				
1079.83	-0.009	190.3	-0.0036				
1079.87	-0.007	190.4	-0.0009				
1079.90	-0.004	190.6	-0.0009				
1079.93	-0.003	190.6	0.0018				
1079.97	-0.003	190.7	0.0044				
1080.00	-0.002	190.9	0.0089				
1080.03	0.002	191.2	0.0124				
1080.07	0.003	191.3	0.016				
1080.10	0.005	191.5	0.0195				
1080.13	0.008	191.8	0.0195				
1080.17	0.01	192	0.0231				
1080.20	0.01	192	0.0275				
1080.23	0.011	192.2	0.0311				
1080.27	0.014	192.5	0.0355				
1080.30	0.015	192.7	0.0391				
1080.35	0.016	192.9	0.0426				
1080.38	0.018	193.2	0.0444				
1080.40	0.02	193.4	0.0479				
1080.43	0.021	193.6	0.0506				
1080.47	0.023	193.9	0.0506				
1080.50	0.024	194.1	0.0533				
1080.53	0.024	194.1	0.0559				
1080.57	0.025	194.3	0.0577				
1080.60	0.026	194.5	0.0604				
1080.63	0.028	194.7	0.0621				
1080.67	0.028	194.9	0.0621				
1080.70	0.028	195	0.0621				
1080.73	0.029	195.2	0.0639				
1080.77	0.029	195.2	0.0639				
1080.80	0.029	195.3	0.0648				
1080.83	0.029	195.4	0.0648				
1080.87	0.029	195.5	0.0648				
1080.90	0.028	195.6	0.0648				
1080.93	0.028	195.7	0.063				
1080.97	0.026	195.7	0.063				
1081.00	0.026	195.7	0.0621				
1081.03	0.026	195.7	0.0612				
1081.07	0.025	195.7	0.0595				
1081.10	0.022	195.6	0.0568				
1081.13	0.022	195.6	0.055				
1081.17	0.021	195.4	0.0533				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1081.20	0.017	195.2	0.0533				
1081.23	0.016	195.2	0.0497				
1081.27	0.016	195.2	0.047				
1081.30	0.015	195	0.0435				
1081.33	0.011	194.8	0.0399				
1081.37	0.011	194.7	0.0373				
1081.40	0.009	194.4	0.0337				
1081.43	0.005	194.2	0.0337				
1081.47	0.004	194.2	0.0293				
1081.50	0.004	194.1	0.0257				
1081.53	0.003	193.8	0.0213				
1081.57	-0.001	193.5	0.0169				
1081.60	-0.002	193.3	0.0142				
1081.63	-0.004	193	0.0107				
1081.67	-0.007	192.7	0.0107				
1081.70	-0.008	192.7	0.0053				
1081.73	-0.008	192.5	0.0036				
1081.77	-0.009	192.2	0.0009				
1081.82	-0.012	192	-0.0027				
1081.85	-0.012	191.8	-0.0044				
1081.87	-0.013	191.5	-0.0071				
1081.90	-0.015	191.3	-0.0089				
1081.93	-0.015	191.2	-0.0107				
1081.97	-0.016	190.9	-0.0124				
1082.00	-0.017	190.8	-0.0124				
1082.03	-0.017	190.8	-0.0133				
1082.07	-0.017	190.6	-0.0142				
1082.10	-0.017	190.5	-0.0142				
1082.13	-0.017	190.4	-0.0142				
1082.17	-0.017	190.3	-0.0151				
1082.20	-0.017	190.2	-0.0151				
1082.23	-0.017	190.1	-0.0151				
1082.27	-0.016	190.1	-0.0142				
1082.30	-0.016	190.1	-0.0133				
1082.33	-0.015	190.1	-0.0115				
1082.37	-0.014	190.1	-0.0107				
1082.40	-0.012	190.1	-0.0089				
1082.43	-0.011	190.2	-0.0071				
1082.47	-0.01	190.3	-0.0071				
1082.50	-0.008	190.4	-0.0044				
1082.53	-0.008	190.4	-0.0027				
1082.57	-0.006	190.5	0				
1082.60	-0.004	190.7	0.0036				
1082.63	-0.002	190.8	0.0062				
1082.67	-0.001	190.9	0.0098				
1082.70	0.002	191.2	0.0098				
1082.73	0.004	191.4	0.0133				
1082.77	0.004	191.4	0.0169				
1082.80	0.005	191.5	0.0213				
1082.83	0.008	191.9	0.0257				
1082.87	0.011	192.1	0.0302				
1082.90	0.012	192.3	0.0337				
1082.93	0.014	192.6	0.0337				
1082.97	0.017	192.8	0.0373				
1083.00	0.017	192.8	0.0408				
1083.03	0.017	193	0.0444				
1083.07	0.019	193.3	0.047				
1083.10	0.022	193.6	0.0506				
1083.13	0.022	193.8	0.0524				
1083.17	0.024	194	0.055				
1083.20	0.026	194.2	0.055				
1083.25	0.026	194.4	0.0595				
1083.28	0.026	194.6	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1083.30	0.028	194.8	0.0604				
1083.33	0.028	194.8	0.0621				
1083.37	0.028	194.9	0.063				
1083.40	0.028	195.1	0.0639				
1083.43	0.029	195.2	0.0648				
1083.47	0.029	195.4	0.0648				
1083.50	0.029	195.5	0.0648				
1083.53	0.029	195.6	0.0648				
1083.57	0.028	195.6	0.0648				
1083.60	0.028	195.7	0.0639				
1083.63	0.027	195.7	0.063				
1083.67	0.026	195.7	0.0612				
1083.70	0.025	195.7	0.0604				
1083.73	0.024	195.6	0.0586				
1083.77	0.022	195.6	0.0586				
1083.80	0.021	195.6	0.0568				
1083.83	0.021	195.5	0.055				
1083.87	0.02	195.4	0.0515				
1083.90	0.016	195.2	0.0488				
1083.93	0.016	195.1	0.0462				
1083.97	0.014	194.9	0.0435				
1084.00	0.01	194.7	0.0435				
1084.03	0.01	194.7	0.0391				
1084.07	0.01	194.6	0.0364				
1084.10	0.008	194.4	0.032				
1084.13	0.004	194.1	0.0284				
1084.17	0.003	193.9	0.0249				
1084.20	0.002	193.7	0.0204				
1084.23	-0.002	193.4	0.0204				
1084.27	-0.003	193.4	0.016				
1084.30	-0.003	193.2	0.0133				
1084.33	-0.004	192.9	0.0089				
1084.37	-0.007	192.6	0.0053				
1084.40	-0.009	192.4	0.0027				
1084.43	-0.009	192.2	-0.0009				
1084.47	-0.012	191.9	-0.0009				
1084.50	-0.013	191.9	-0.0044				
1084.53	-0.013	191.7	-0.0062				
1084.57	-0.014	191.4	-0.008				
1084.60	-0.015	191.2	-0.0107				
1084.63	-0.016	191	-0.0115				
1084.67	-0.016	190.8	-0.0133				
1084.72	-0.017	190.6	-0.0142				
1084.75	-0.017	190.5	-0.0142				
1084.77	-0.017	190.4	-0.0151				
1084.80	-0.017	190.3	-0.0151				
1084.83	-0.017	190.2	-0.0151				
1084.87	-0.017	190.2	-0.0151				
1084.90	-0.017	190.1	-0.0142				
1084.93	-0.016	190.1	-0.0133				
1084.97	-0.015	190.1	-0.0124				
1085.00	-0.015	190	-0.0115				
1085.03	-0.014	190.1	-0.0098				
1085.07	-0.011	190.1	-0.0098				
1085.10	-0.011	190.1	-0.0089				
1085.13	-0.011	190.2	-0.0062				
1085.17	-0.009	190.3	-0.0044				
1085.20	-0.007	190.4	-0.0018				
1085.23	-0.006	190.5	0.0009				
1085.27	-0.004	190.7	0.0044				
1085.30	-0.001	190.9	0.0044				
1085.33	0	190.9	0.008				
1085.37	0	191	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1085.40	0.002	191.2	0.0142				
1085.43	0.005	191.5	0.0186				
1085.47	0.006	191.6	0.0222				
1085.50	0.008	191.9	0.0257				
1085.53	0.012	192.2	0.0257				
1085.57	0.012	192.2	0.0311				
1085.60	0.012	192.3	0.0346				
1085.63	0.014	192.6	0.0382				
1085.67	0.018	192.9	0.0426				
1085.70	0.018	193.1	0.0453				
1085.73	0.02	193.4	0.0488				
1085.77	0.022	193.6	0.0488				
1085.80	0.023	193.6	0.0515				
1085.83	0.023	193.8	0.0533				
1085.87	0.024	194.1	0.0559				
1085.90	0.026	194.3	0.0586				
1085.93	0.027	194.5	0.0604				
1085.97	0.027	194.6	0.0612				
1086.00	0.028	194.8	0.0612				
1086.03	0.028	194.8	0.063				
1086.07	0.028	195	0.063				
1086.10	0.028	195.1	0.0639				
1086.15	0.029	195.3	0.0648				
1086.18	0.029	195.4	0.0648				
1086.22	0.029	195.5	0.0648				
1086.23	0.029	195.6	0.0648				
1086.27	0.028	195.7	0.0639				
1086.30	0.027	195.7	0.0621				
1086.33	0.025	195.7	0.0621				
1086.37	0.024	195.7	0.0612				
1086.40	0.024	195.7	0.0595				
1086.43	0.024	195.6	0.0577				
1086.47	0.021	195.5	0.0559				
1086.50	0.02	195.4	0.0541				
1086.53	0.019	195.4	0.0506				
1086.57	0.016	195.1	0.0506				
1086.60	0.014	195.1	0.0479				
1086.63	0.014	195	0.0453				
1086.67	0.013	194.9	0.0417				
1086.70	0.01	194.6	0.0382				
1086.73	0.009	194.5	0.0346				
1086.77	0.007	194.3	0.0302				
1086.80	0.004	194	0.0302				
1086.83	0.002	193.8	0.0257				
1086.87	0.002	193.8	0.0231				
1086.90	0.001	193.6	0.0186				
1086.93	-0.002	193.3	0.0142				
1086.97	-0.004	193	0.0115				
1087.00	-0.005	192.8	0.0071				
1087.03	-0.007	192.5	0.0071				
1087.07	-0.01	192.2	0.0036				
1087.10	-0.01	192.2	0.0009				
1087.13	-0.01	192	-0.0018				
1087.17	-0.012	191.7	-0.0044				
1087.20	-0.014	191.5	-0.0071				
1087.23	-0.014	191.3	-0.0089				
1087.27	-0.015	191.1	-0.0107				
1087.30	-0.016	190.9	-0.0107				
1087.33	-0.016	190.9	-0.0124				
1087.37	-0.017	190.7	-0.0133				
1087.40	-0.017	190.6	-0.0142				
1087.43	-0.017	190.4	-0.0142				
1087.47	-0.017	190.3	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1087.50	-0.017	190.2	-0.0151				
1087.53	-0.017	190.1	-0.0151				
1087.57	-0.016	190.1	-0.0151				
1087.62	-0.016	190	-0.0133				
1087.65	-0.015	190	-0.0133				
1087.67	-0.014	190	-0.0133				
1087.70	-0.014	190	-0.0115				
1087.73	-0.013	190.1	-0.0098				
1087.77	-0.011	190.1	-0.008				
1087.80	-0.01	190.1	-0.0053				
1087.83	-0.009	190.3	-0.0027				
1087.87	-0.006	190.5	-0.0027				
1087.90	-0.005	190.5	0				
1087.93	-0.005	190.5	0.0027				
1087.97	-0.004	190.8	0.0062				
1088.00	0	190.9	0.0098				
1088.03	0.001	191.1	0.0124				
1088.07	0.003	191.3	0.0169				
1088.10	0.007	191.5	0.0169				
1088.13	0.007	191.5	0.0213				
1088.17	0.007	191.7	0.0231				
1088.20	0.009	192	0.0284				
1088.23	0.013	192.2	0.0328				
1088.27	0.013	192.4	0.0364				
1088.30	0.015	192.7	0.0399				
1088.33	0.018	193	0.0399				
1088.37	0.019	193	0.0435				
1088.40	0.019	193.2	0.0462				
1088.43	0.02	193.4	0.0488				
1088.47	0.023	193.7	0.0524				
1088.50	0.024	193.9	0.055				
1088.53	0.025	194.1	0.0568				
1088.57	0.026	194.3	0.0568				
1088.60	0.027	194.3	0.0595				
1088.63	0.027	194.5	0.0612				
1088.67	0.027	194.7	0.0621				
1088.70	0.029	194.9	0.0639				
1088.73	0.029	195	0.0639				
1088.77	0.028	195.2	0.0639				
1088.80	0.029	195.3	0.0639				
1088.83	0.029	195.4	0.0648				
1088.87	0.029	195.4	0.0648				
1088.90	0.028	195.5	0.0648				
1088.93	0.028	195.6	0.0648				
1088.97	0.027	195.6	0.063				
1089.00	0.026	195.6	0.0612				
1089.05	0.024	195.6	0.0595				
1089.08	0.024	195.6	0.0586				
1089.12	0.023	195.6	0.0568				
1089.13	0.021	195.4	0.0568				
1089.17	0.019	195.4	0.055				
1089.20	0.019	195.4	0.0524				
1089.23	0.018	195.2	0.0497				
1089.27	0.016	195.1	0.047				
1089.30	0.013	194.9	0.0435				
1089.33	0.012	194.8	0.0408				
1089.37	0.01	194.5	0.0408				
1089.40	0.007	194.3	0.0364				
1089.43	0.007	194.3	0.0328				
1089.47	0.006	194.2	0.0293				
1089.50	0.004	193.9	0.0249				
1089.53	0.001	193.7	0.0213				
1089.57	0	193.5	0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1089.60	-0.002	193.1	0.0133				
1089.63	-0.005	192.9	0.0133				
1089.67	-0.005	192.9	0.0098				
1089.70	-0.006	192.7	0.0062				
1089.73	-0.008	192.3	0.0027				
1089.77	-0.01	192.1	-0.0009				
1089.80	-0.011	191.9	-0.0027				
1089.83	-0.012	191.6	-0.0053				
1089.87	-0.014	191.4	-0.0053				
1089.90	-0.015	191.4	-0.008				
1089.93	-0.015	191.2	-0.0098				
1089.97	-0.015	191	-0.0115				
1090.00	-0.016	190.8	-0.0124				
1090.03	-0.017	190.7	-0.0133				
1090.07	-0.017	190.5	-0.0142				
1090.10	-0.017	190.4	-0.0142				
1090.13	-0.018	190.4	-0.0151				
1090.17	-0.018	190.3	-0.0151				
1090.20	-0.017	190.2	-0.0151				
1090.23	-0.016	190.1	-0.0142				
1090.27	-0.016	190.1	-0.0133				
1090.30	-0.015	190.1	-0.0124				
1090.33	-0.014	190.1	-0.0124				
1090.37	-0.013	190.1	-0.0107				
1090.40	-0.013	190.1	-0.0098				
1090.43	-0.012	190.2	-0.008				
1090.47	-0.009	190.2	-0.0053				
1090.52	-0.009	190.3	-0.0036				
1090.55	-0.008	190.4	-0.0027				
1090.57	-0.005	190.5	0.0009				
1090.60	-0.004	190.6	0.0044				
1090.63	-0.002	190.8	0.008				
1090.67	0.001	191	0.008				
1090.70	0.002	191	0.0115				
1090.73	0.002	191.2	0.0142				
1090.77	0.004	191.4	0.0178				
1090.80	0.007	191.6	0.0222				
1090.83	0.008	191.8	0.0257				
1090.87	0.01	192.1	0.0302				
1090.90	0.014	192.4	0.0302				
1090.93	0.015	192.4	0.0346				
1090.97	0.015	192.6	0.0373				
1091.00	0.016	192.8	0.0408				
1091.03	0.019	193.1	0.0453				
1091.07	0.02	193.3	0.0479				
1091.10	0.021	193.5	0.0506				
1091.13	0.023	193.8	0.0506				
1091.17	0.024	193.8	0.0533				
1091.20	0.024	194	0.0559				
1091.23	0.025	194.2	0.0586				
1091.27	0.027	194.4	0.0604				
1091.30	0.027	194.6	0.0612				
1091.33	0.027	194.8	0.063				
1091.37	0.029	194.9	0.063				
1091.40	0.029	194.9	0.0639				
1091.43	0.029	195.1	0.0648				
1091.47	0.029	195.2	0.0648				
1091.50	0.029	195.3	0.0648				
1091.53	0.029	195.5	0.0648				
1091.57	0.028	195.6	0.0648				
1091.60	0.028	195.6	0.0648				
1091.63	0.026	195.6	0.0639				
1091.67	0.026	195.6	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1091.70	0.025	195.6	0.0604				
1091.73	0.024	195.6	0.0595				
1091.77	0.023	195.5	0.0577				
1091.80	0.022	195.5	0.0559				
1091.83	0.019	195.3	0.0559				
1091.87	0.018	195.3	0.0524				
1091.90	0.018	195.2	0.0506				
1091.93	0.016	195.1	0.047				
1091.98	0.013	194.9	0.0435				
1092.02	0.013	194.8	0.0417				
1092.03	0.011	194.6	0.0382				
1092.07	0.008	194.4	0.0346				
1092.10	0.007	194.2	0.032				
1092.13	0.005	194.1	0.0275				
1092.17	0.002	193.8	0.0275				
1092.20	0.001	193.5	0.0231				
1092.23	0.001	193.5	0.0204				
1092.27	-0.001	193.3	0.0151				
1092.30	-0.005	193	0.0107				
1092.33	-0.006	192.8	0.008				
1092.37	-0.007	192.6	0.0053				
1092.40	-0.009	192.2	0.0053				
1092.43	-0.011	192	0.0018				
1092.47	-0.011	192	-0.0009				
1092.50	-0.012	191.8	-0.0044				
1092.53	-0.014	191.5	-0.0071				
1092.57	-0.014	191.3	-0.0089				
1092.60	-0.015	191.1	-0.0098				
1092.63	-0.016	190.9	-0.0098				
1092.67	-0.017	190.7	-0.0115				
1092.70	-0.017	190.7	-0.0133				
1092.73	-0.017	190.6	-0.0142				
1092.77	-0.017	190.4	-0.0142				
1092.80	-0.017	190.3	-0.0151				
1092.83	-0.017	190.2	-0.0151				
1092.87	-0.017	190.1	-0.0142				
1092.90	-0.016	190.1	-0.0142				
1092.93	-0.016	190.1	-0.0142				
1092.97	-0.016	190	-0.0124				
1093.00	-0.014	190.1	-0.0115				
1093.03	-0.013	190.1	-0.0107				
1093.07	-0.013	190.1	-0.0089				
1093.10	-0.011	190.1	-0.0071				
1093.13	-0.009	190.2	-0.0071				
1093.17	-0.008	190.2	-0.0044				
1093.20	-0.008	190.3	-0.0027				
1093.23	-0.006	190.5	0.0009				
1093.27	-0.004	190.6	0.0036				
1093.30	-0.003	190.7	0.0062				
1093.33	-0.001	191	0.0107				
1093.37	0.003	191.2	0.0107				
1093.42	0.004	191.3	0.0169				
1093.45	0.004	191.5	0.0195				
1093.48	0.008	191.7	0.0195				
1093.50	0.009	191.7	0.024				
1093.53	0.009	191.9	0.0275				
1093.57	0.011	192.2	0.032				
1093.60	0.014	192.4	0.0355				
1093.63	0.015	192.6	0.0391				
1093.67	0.017	193	0.0426				
1093.70	0.02	193.2	0.0426				
1093.73	0.021	193.2	0.047				
1093.77	0.021	193.4	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1093.80	0.022	193.6	0.0524				
1093.83	0.024	193.9	0.055				
1093.87	0.025	194.1	0.0568				
1093.90	0.025	194.3	0.0586				
1093.93	0.027	194.5	0.0586				
1093.97	0.028	194.5	0.0612				
1094.00	0.028	194.7	0.0621				
1094.03	0.028	194.8	0.063				
1094.07	0.029	195	0.0639				
1094.10	0.029	195.1	0.0648				
1094.13	0.029	195.2	0.0648				
1094.17	0.029	195.4	0.0648				
1094.20	0.029	195.4	0.0648				
1094.23	0.029	195.5	0.0648				
1094.27	0.028	195.6	0.0639				
1094.30	0.027	195.6	0.063				
1094.33	0.026	195.6	0.0621				
1094.37	0.025	195.6	0.0604				
1094.40	0.023	195.5	0.0604				
1094.43	0.022	195.5	0.0586				
1094.47	0.022	195.5	0.0559				
1094.50	0.021	195.4	0.0541				
1094.53	0.018	195.2	0.0515				
1094.57	0.017	195.1	0.0488				
1094.60	0.016	195	0.0453				
1094.63	0.012	194.8	0.0453				
1094.67	0.011	194.8	0.0417				
1094.70	0.011	194.7	0.0391				
1094.73	0.01	194.4	0.0355				
1094.77	0.006	194.2	0.0311				
1094.80	0.005	194.1	0.0284				
1094.83	0.003	193.8	0.024				
1094.88	0	193.5	0.0195				
1094.92	0	193.4	0.0178				
1094.93	-0.002	193.1	0.0133				
1094.97	-0.005	192.8	0.0133				
1095.00	-0.006	192.8	0.0098				
1095.03	-0.006	192.6	0.0071				
1095.07	-0.007	192.4	0.0036				
1095.10	-0.01	192.1	0				
1095.13	-0.011	191.8	-0.0027				
1095.17	-0.012	191.6	-0.0053				
1095.20	-0.014	191.3	-0.0053				
1095.23	-0.015	191.3	-0.008				
1095.27	-0.015	191.2	-0.0098				
1095.30	-0.015	191	-0.0107				
1095.33	-0.016	190.8	-0.0124				
1095.37	-0.017	190.6	-0.0133				
1095.40	-0.017	190.5	-0.0142				
1095.43	-0.017	190.4	-0.0142				
1095.47	-0.017	190.2	-0.0142				
1095.50	-0.017	190.2	-0.0151				
1095.53	-0.017	190.1	-0.0151				
1095.57	-0.017	190.1	-0.0142				
1095.60	-0.016	190	-0.0133				
1095.63	-0.015	190	-0.0124				
1095.67	-0.014	190	-0.0124				
1095.70	-0.013	190	-0.0115				
1095.73	-0.013	190	-0.0098				
1095.77	-0.012	190.1	-0.008				
1095.80	-0.01	190.2	-0.0062				
1095.83	-0.008	190.2	-0.0036				
1095.87	-0.007	190.3	0				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1095.90	-0.005	190.5	0				
1095.93	-0.003	190.6	0.0027				
1095.97	-0.003	190.6	0.0053				
1096.00	-0.002	190.8	0.0089				
1096.03	0.001	191	0.0124				
1096.07	0.003	191.2	0.0151				
1096.10	0.004	191.4	0.0195				
1096.13	0.007	191.7	0.024				
1096.17	0.01	191.9	0.024				
1096.20	0.01	191.9	0.0284				
1096.23	0.011	192.1	0.0311				
1096.27	0.013	192.4	0.0355				
1096.32	0.016	192.6	0.0391				
1096.35	0.016	192.8	0.0417				
1096.38	0.018	193	0.0453				
1096.40	0.02	193.3	0.0479				
1096.43	0.021	193.5	0.0497				
1096.47	0.022	193.8	0.0533				
1096.50	0.024	194	0.0533				
1096.53	0.026	194	0.0559				
1096.57	0.026	194.2	0.0577				
1096.60	0.026	194.4	0.0595				
1096.63	0.027	194.6	0.0612				
1096.67	0.028	194.7	0.063				
1096.70	0.028	194.9	0.0639				
1096.73	0.029	195.1	0.0639				
1096.77	0.029	195.1	0.0639				
1096.80	0.029	195.2	0.0648				
1096.83	0.029	195.3	0.0648				
1096.87	0.029	195.4	0.0648				
1096.90	0.028	195.5	0.0648				
1096.93	0.028	195.6	0.0639				
1096.97	0.027	195.6	0.0639				
1097.00	0.025	195.6	0.063				
1097.03	0.025	195.6	0.0612				
1097.07	0.025	195.6	0.0595				
1097.10	0.022	195.5	0.0577				
1097.13	0.022	195.4	0.0559				
1097.17	0.02	195.3	0.0533				
1097.20	0.018	195.2	0.0533				
1097.23	0.016	195.2	0.0506				
1097.27	0.016	195.1	0.0479				
1097.30	0.015	194.9	0.0444				
1097.33	0.011	194.7	0.0408				
1097.37	0.01	194.6	0.0382				
1097.40	0.009	194.4	0.0346				
1097.43	0.005	194.1	0.0346				
1097.47	0.004	194.1	0.0293				
1097.50	0.004	194	0.0257				
1097.53	0.003	193.7	0.0222				
1097.57	-0.001	193.4	0.0178				
1097.60	-0.002	193.2	0.0142				
1097.63	-0.004	192.9	0.0107				
1097.67	-0.006	192.7	0.0107				
1097.70	-0.008	192.7	0.0071				
1097.73	-0.008	192.4	0.0036				
1097.78	-0.011	191.9	0.0009				
1097.82	-0.012	191.9	-0.0018				
1097.83	-0.012	191.7	-0.0036				
1097.87	-0.013	191.5	-0.0062				
1097.90	-0.014	191.2	-0.008				
1097.93	-0.015	191.1	-0.0107				
1097.97	-0.016	190.9	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1098.00	-0.016	190.7	-0.0115				
1098.03	-0.017	190.5	-0.0124				
1098.07	-0.017	190.5	-0.0133				
1098.10	-0.017	190.4	-0.0142				
1098.13	-0.017	190.3	-0.0142				
1098.17	-0.017	190.2	-0.0142				
1098.20	-0.017	190.1	-0.0142				
1098.23	-0.016	190	-0.0142				
1098.27	-0.015	190	-0.0142				
1098.30	-0.015	190	-0.0133				
1098.33	-0.015	190	-0.0124				
1098.37	-0.014	190	-0.0107				
1098.40	-0.013	190	-0.0089				
1098.43	-0.011	190.1	-0.0071				
1098.47	-0.009	190.2	-0.0071				
1098.50	-0.008	190.3	-0.0044				
1098.53	-0.008	190.3	-0.0027				
1098.57	-0.007	190.4	0				
1098.60	-0.004	190.6	0.0036				
1098.63	-0.002	190.7	0.0071				
1098.67	-0.001	190.9	0.0107				
1098.70	0.002	191.1	0.0107				
1098.73	0.004	191.3	0.0142				
1098.77	0.004	191.3	0.0169				
1098.80	0.005	191.5	0.0213				
1098.83	0.008	191.8	0.0249				
1098.87	0.011	192	0.0302				
1098.90	0.012	192.2	0.0337				
1098.93	0.014	192.5	0.0337				
1098.97	0.017	192.7	0.0373				
1099.00	0.017	192.7	0.0408				
1099.03	0.017	192.9	0.0444				
1099.07	0.019	193.2	0.047				
1099.10	0.021	193.5	0.0506				
1099.13	0.022	193.7	0.0541				
1099.17	0.024	193.9	0.0541				
1099.22	0.026	194.1	0.0577				
1099.25	0.026	194.3	0.0586				
1099.28	0.027	194.5	0.0612				
1099.30	0.028	194.7	0.0612				
1099.33	0.028	194.7	0.0621				
1099.37	0.028	194.9	0.063				
1099.40	0.029	195	0.0648				
1099.43	0.029	195.1	0.0648				
1099.47	0.029	195.3	0.0648				
1099.50	0.029	195.4	0.0648				
1099.53	0.028	195.5	0.0648				
1099.57	0.028	195.5	0.0648				
1099.60	0.028	195.6	0.0639				
1099.63	0.027	195.6	0.063				
1099.67	0.026	195.6	0.0621				
1099.70	0.025	195.6	0.0604				
1099.73	0.024	195.6	0.0586				
1099.77	0.022	195.5	0.0586				
1099.80	0.021	195.5	0.0568				
1099.83	0.021	195.4	0.055				
1099.87	0.02	195.2	0.0515				
1099.90	0.016	195.1	0.0488				
1099.93	0.015	195	0.047				
1099.97	0.014	194.8	0.0426				
1100.00	0.011	194.6	0.0426				
1100.03	0.01	194.6	0.0391				
1100.07	0.01	194.5	0.0364				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1100.10	0.008	194.3	0.032				
1100.13	0.004	194	0.0284				
1100.17	0.003	193.8	0.024				
1100.20	0.002	193.6	0.0204				
1100.23	-0.002	193.3	0.0204				
1100.27	-0.003	193.3	0.016				
1100.30	-0.003	193.1	0.0133				
1100.33	-0.004	192.8	0.0089				
1100.37	-0.007	192.5	0.0053				
1100.40	-0.008	192.3	0.0027				
1100.43	-0.01	192	-0.0009				
1100.47	-0.012	191.8	-0.0009				
1100.50	-0.013	191.8	-0.0036				
1100.53	-0.013	191.5	-0.0053				
1100.57	-0.014	191.3	-0.008				
1100.60	-0.015	191.1	-0.0098				
1100.63	-0.016	190.9	-0.0115				
1100.68	-0.016	190.7	-0.0124				
1100.72	-0.017	190.6	-0.0133				
1100.73	-0.017	190.4	-0.0142				
1100.77	-0.017	190.3	-0.0142				
1100.80	-0.017	190.2	-0.0142				
1100.83	-0.017	190.2	-0.0142				
1100.87	-0.017	190.1	-0.0142				
1100.90	-0.017	190	-0.0142				
1100.93	-0.016	190	-0.0133				
1100.97	-0.015	190	-0.0124				
1101.00	-0.015	190	-0.0115				
1101.03	-0.013	190	-0.0115				
1101.07	-0.012	190	-0.0098				
1101.10	-0.012	190	-0.008				
1101.13	-0.011	190.1	-0.0062				
1101.17	-0.009	190.2	-0.0036				
1101.20	-0.007	190.3	-0.0009				
1101.23	-0.006	190.4	0.0018				
1101.27	-0.003	190.6	0.0018				
1101.30	-0.001	190.8	0.0053				
1101.33	-0.001	190.8	0.0089				
1101.37	0	190.9	0.0115				
1101.40	0.003	191.2	0.0151				
1101.43	0.005	191.3	0.0186				
1101.47	0.006	191.5	0.0231				
1101.50	0.009	191.9	0.0231				
1101.53	0.012	192.1	0.0284				
1101.57	0.012	192.1	0.032				
1101.60	0.012	192.3	0.0346				
1101.63	0.015	192.6	0.0391				
1101.67	0.017	192.8	0.0426				
1101.70	0.018	193	0.0453				
1101.73	0.02	193.3	0.0488				
1101.77	0.022	193.5	0.0488				
1101.80	0.022	193.5	0.0524				
1101.83	0.023	193.7	0.0541				
1101.87	0.024	194	0.0568				
1101.90	0.026	194.2	0.0595				
1101.93	0.027	194.4	0.0604				
1101.97	0.027	194.6	0.0621				
1102.00	0.028	194.8	0.0621				
1102.03	0.029	194.8	0.063				
1102.07	0.029	194.9	0.0639				
1102.10	0.029	195	0.0648				
1102.15	0.029	195.2	0.0648				
1102.18	0.029	195.3	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1102.20	0.029	195.4	0.0648				
1102.23	0.028	195.5	0.0648				
1102.27	0.028	195.6	0.0648				
1102.30	0.027	195.6	0.063				
1102.33	0.025	195.6	0.063				
1102.37	0.024	195.6	0.0612				
1102.40	0.024	195.6	0.0604				
1102.43	0.024	195.5	0.0586				
1102.47	0.021	195.4	0.0559				
1102.50	0.021	195.4	0.0541				
1102.53	0.019	195.2	0.0506				
1102.57	0.016	195	0.0506				
1102.60	0.015	195	0.0479				
1102.63	0.015	194.9	0.0453				
1102.67	0.013	194.7	0.0417				
1102.70	0.01	194.5	0.0382				
1102.73	0.009	194.4	0.0346				
1102.77	0.007	194.1	0.0311				
1102.80	0.003	193.9	0.0311				
1102.83	0.002	193.9	0.0257				
1102.87	0.002	193.7	0.0222				
1102.90	0	193.5	0.0186				
1102.93	-0.003	193.2	0.0151				
1102.97	-0.003	193	0.0124				
1103.00	-0.005	192.7	0.008				
1103.03	-0.008	192.4	0.008				
1103.07	-0.009	192.4	0.0044				
1103.10	-0.009	192.1	0.0018				
1103.13	-0.01	191.9	-0.0027				
1103.17	-0.013	191.6	-0.0053				
1103.20	-0.013	191.4	-0.0062				
1103.23	-0.014	191.2	-0.0089				
1103.27	-0.016	191	-0.0089				
1103.30	-0.016	191	-0.0107				
1103.33	-0.016	190.8	-0.0115				
1103.37	-0.016	190.6	-0.0133				
1103.40	-0.018	190.5	-0.0142				
1103.43	-0.017	190.3	-0.0142				
1103.47	-0.017	190.2	-0.0142				
1103.50	-0.017	190.1	-0.0142				
1103.53	-0.017	190.1	-0.0142				
1103.58	-0.016	190	-0.0142				
1103.62	-0.016	190	-0.0142				
1103.65	-0.015	190	-0.0133				
1103.67	-0.015	189.9	-0.0124				
1103.70	-0.014	189.9	-0.0107				
1103.73	-0.012	190	-0.0098				
1103.77	-0.012	190	-0.0071				
1103.80	-0.01	190.1	-0.0053				
1103.83	-0.007	190.2	-0.0053				
1103.87	-0.006	190.2	-0.0018				
1103.90	-0.006	190.3	0				
1103.93	-0.005	190.5	0.0027				
1103.97	-0.002	190.7	0.0062				
1104.00	-0.001	190.8	0.0098				
1104.03	0.001	191	0.0133				
1104.07	0.005	191.2	0.0133				
1104.10	0.005	191.2	0.0178				
1104.13	0.005	191.4	0.0213				
1104.17	0.007	191.6	0.0249				
1104.20	0.011	191.9	0.0302				
1104.23	0.012	192.1	0.0328				
1104.27	0.013	192.4	0.0373				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1104.30	0.017	192.7	0.0373				
1104.33	0.018	192.9	0.0408				
1104.37	0.018	192.9	0.0435				
1104.40	0.019	193.1	0.0479				
1104.43	0.021	193.4	0.0506				
1104.47	0.023	193.6	0.0533				
1104.50	0.023	193.8	0.0559				
1104.53	0.025	194.1	0.0559				
1104.57	0.026	194.3	0.0577				
1104.60	0.026	194.3	0.0595				
1104.63	0.027	194.4	0.0612				
1104.67	0.028	194.6	0.063				
1104.70	0.029	194.8	0.0639				
1104.73	0.029	194.9	0.0648				
1104.77	0.029	195.1	0.0648				
1104.80	0.029	195.2	0.0648				
1104.83	0.029	195.2	0.0648				
1104.87	0.029	195.3	0.0648				
1104.90	0.028	195.4	0.0648				
1104.93	0.028	195.5	0.0648				
1104.97	0.027	195.5	0.063				
1105.00	0.026	195.5	0.0621				
1105.05	0.024	195.5	0.0604				
1105.08	0.024	195.5	0.0595				
1105.10	0.023	195.4	0.0577				
1105.13	0.021	195.3	0.0577				
1105.17	0.019	195.3	0.055				
1105.20	0.019	195.2	0.0524				
1105.23	0.018	195.1	0.0497				
1105.27	0.015	195	0.047				
1105.30	0.014	194.8	0.0444				
1105.33	0.012	194.6	0.0408				
1105.37	0.009	194.4	0.0408				
1105.40	0.008	194.4	0.0364				
1105.43	0.008	194.3	0.0337				
1105.47	0.006	194	0.0293				
1105.50	0.003	193.8	0.0249				
1105.53	0.001	193.6	0.0213				
1105.57	0	193.3	0.0169				
1105.60	-0.004	193	0.0169				
1105.63	-0.005	193	0.0133				
1105.67	-0.005	192.8	0.0098				
1105.70	-0.006	192.6	0.0062				
1105.73	-0.009	192.2	0.0027				
1105.77	-0.009	192.1	0				
1105.80	-0.011	191.8	-0.0036				
1105.83	-0.014	191.5	-0.0036				
1105.87	-0.014	191.5	-0.0062				
1105.90	-0.014	191.3	-0.0071				
1105.93	-0.015	191.2	-0.0098				
1105.97	-0.016	190.9	-0.0107				
1106.00	-0.016	190.7	-0.0115				
1106.03	-0.016	190.6	-0.0133				
1106.07	-0.017	190.4	-0.0133				
1106.10	-0.017	190.4	-0.0142				
1106.13	-0.017	190.3	-0.0142				
1106.17	-0.017	190.2	-0.0142				
1106.20	-0.017	190.1	-0.0142				
1106.23	-0.017	190	-0.0133				
1106.27	-0.016	190	-0.0124				
1106.30	-0.015	190	-0.0124				
1106.33	-0.014	190	-0.0115				
1106.37	-0.014	190	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1106.40	-0.013	190	-0.0089				
1106.43	-0.011	190.1	-0.0071				
1106.48	-0.01	190.1	-0.0053				
1106.52	-0.01	190.1	-0.0044				
1106.55	-0.007	190.3	-0.0018				
1106.57	-0.006	190.4	0.0009				
1106.60	-0.004	190.5	0.0053				
1106.63	-0.001	190.8	0.0053				
1106.67	0	190.9	0.0089				
1106.70	0	190.9	0.0115				
1106.73	0.002	191.1	0.0151				
1106.77	0.005	191.3	0.0195				
1106.80	0.007	191.5	0.0231				
1106.83	0.008	191.7	0.0275				
1106.87	0.011	192	0.0275				
1106.90	0.013	192.3	0.032				
1106.93	0.013	192.3	0.0346				
1106.97	0.014	192.5	0.0382				
1107.00	0.017	192.8	0.0426				
1107.03	0.019	193	0.0453				
1107.07	0.02	193.2	0.0497				
1107.10	0.022	193.5	0.0497				
1107.13	0.023	193.7	0.0524				
1107.17	0.023	193.7	0.0541				
1107.20	0.024	193.9	0.0568				
1107.23	0.025	194.2	0.0586				
1107.27	0.027	194.4	0.0612				
1107.30	0.027	194.5	0.0621				
1107.33	0.028	194.7	0.0621				
1107.37	0.028	194.9	0.063				
1107.40	0.028	194.9	0.0648				
1107.43	0.028	195	0.0648				
1107.47	0.029	195.1	0.0648				
1107.50	0.029	195.2	0.0657				
1107.53	0.029	195.4	0.0657				
1107.57	0.029	195.5	0.0657				
1107.60	0.027	195.5	0.0657				
1107.63	0.027	195.5	0.0639				
1107.67	0.027	195.5	0.063				
1107.70	0.026	195.5	0.0612				
1107.73	0.024	195.5	0.0595				
1107.77	0.023	195.4	0.0577				
1107.80	0.022	195.4	0.0559				
1107.83	0.019	195.2	0.0559				
1107.87	0.018	195.2	0.0524				
1107.90	0.018	195.1	0.0497				
1107.95	0.015	194.9	0.0479				
1107.98	0.013	194.9	0.0462				
1108.00	0.013	194.7	0.0426				
1108.03	0.011	194.6	0.0391				
1108.07	0.008	194.3	0.0355				
1108.10	0.007	194.2	0.0328				
1108.13	0.005	193.9	0.0284				
1108.17	0.001	193.7	0.0284				
1108.20	0	193.7	0.0222				
1108.23	0	193.5	0.0195				
1108.27	-0.001	193.2	0.016				
1108.30	-0.004	192.9	0.0115				
1108.33	-0.005	192.7	0.0089				
1108.37	-0.006	192.4	0.0053				
1108.40	-0.01	192.1	0.0053				
1108.43	-0.01	192.1	0.0009				
1108.47	-0.01	191.9	-0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1108.50	-0.012	191.7	-0.0044				
1108.53	-0.014	191.4	-0.0062				
1108.57	-0.015	191.2	-0.008				
1108.60	-0.015	191	-0.0098				
1108.63	-0.016	190.8	-0.0098				
1108.67	-0.017	190.8	-0.0115				
1108.70	-0.017	190.6	-0.0124				
1108.73	-0.017	190.5	-0.0133				
1108.77	-0.017	190.3	-0.0142				
1108.80	-0.017	190.2	-0.0142				
1108.83	-0.017	190.1	-0.0142				
1108.87	-0.017	190.1	-0.0142				
1108.90	-0.016	190	-0.0142				
1108.93	-0.016	190	-0.0133				
1108.97	-0.016	190	-0.0124				
1109.00	-0.015	190	-0.0115				
1109.03	-0.014	190	-0.0098				
1109.07	-0.012	190	-0.008				
1109.10	-0.011	190.1	-0.008				
1109.13	-0.009	190.2	-0.0062				
1109.17	-0.009	190.2	-0.0044				
1109.20	-0.008	190.2	-0.0018				
1109.23	-0.006	190.4	0.0018				
1109.27	-0.004	190.5	0.0044				
1109.30	-0.003	190.6	0.008				
1109.33	0	190.9	0.008				
1109.37	0.002	191.1	0.0115				
1109.42	0.003	191.2	0.0169				
1109.45	0.005	191.4	0.0204				
1109.47	0.008	191.7	0.0204				
1109.50	0.008	191.7	0.024				
1109.53	0.009	191.8	0.0293				
1109.57	0.011	192.2	0.0328				
1109.60	0.014	192.4	0.0364				
1109.63	0.015	192.6	0.0399				
1109.67	0.017	192.9	0.0444				
1109.70	0.02	193.1	0.0444				
1109.73	0.02	193.1	0.047				
1109.77	0.02	193.3	0.0497				
1109.80	0.022	193.6	0.0533				
1109.83	0.024	193.8	0.0559				
1109.87	0.025	194	0.0577				
1109.90	0.026	194.3	0.0595				
1109.93	0.027	194.5	0.0595				
1109.97	0.027	194.5	0.0612				
1110.00	0.027	194.6	0.063				
1110.03	0.028	194.8	0.0639				
1110.07	0.029	194.9	0.0648				
1110.10	0.029	195.1	0.0648				
1110.13	0.029	195.2	0.0657				
1110.17	0.029	195.3	0.0657				
1110.20	0.028	195.3	0.0657				
1110.23	0.028	195.4	0.0657				
1110.27	0.028	195.5	0.0648				
1110.30	0.027	195.5	0.0639				
1110.33	0.026	195.5	0.0621				
1110.37	0.025	195.5	0.0612				
1110.40	0.023	195.4	0.0612				
1110.43	0.022	195.4	0.0586				
1110.47	0.022	195.4	0.0568				
1110.50	0.021	195.3	0.0541				
1110.53	0.018	195.2	0.0515				
1110.57	0.017	195.1	0.0497				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1110.60	0.016	195	0.047				
1110.63	0.013	194.8	0.047				
1110.67	0.011	194.8	0.0435				
1110.70	0.011	194.6	0.0399				
1110.73	0.01	194.4	0.0355				
1110.77	0.006	194.2	0.032				
1110.80	0.005	194	0.0293				
1110.85	0.004	193.7	0.024				
1110.88	0.001	193.6	0.0222				
1110.90	0	193.4	0.0186				
1110.93	-0.002	193.1	0.0142				
1110.97	-0.005	192.8	0.0142				
1111.00	-0.006	192.8	0.0098				
1111.03	-0.006	192.6	0.0071				
1111.07	-0.007	192.3	0.0036				
1111.10	-0.01	192	0				
1111.13	-0.011	191.8	-0.0018				
1111.17	-0.012	191.6	-0.0044				
1111.20	-0.014	191.3	-0.0044				
1111.23	-0.015	191.1	-0.0071				
1111.27	-0.015	191.1	-0.0089				
1111.30	-0.015	190.9	-0.0107				
1111.33	-0.016	190.7	-0.0115				
1111.37	-0.017	190.6	-0.0133				
1111.40	-0.017	190.4	-0.0133				
1111.43	-0.017	190.3	-0.0133				
1111.47	-0.017	190.2	-0.0142				
1111.50	-0.017	190.2	-0.0142				
1111.53	-0.017	190.1	-0.0142				
1111.57	-0.017	190	-0.0133				
1111.60	-0.016	190	-0.0133				
1111.63	-0.015	189.9	-0.0115				
1111.67	-0.014	190	-0.0107				
1111.70	-0.012	190	-0.0107				
1111.73	-0.012	190	-0.0098				
1111.77	-0.012	190	-0.0071				
1111.80	-0.011	190.1	-0.0053				
1111.83	-0.008	190.2	-0.0027				
1111.87	-0.007	190.2	-0.0009				
1111.90	-0.006	190.4	0.0027				
1111.93	-0.003	190.6	0.0027				
1111.97	-0.002	190.6	0.0062				
1112.00	-0.002	190.7	0.0089				
1112.03	0	191	0.0124				
1112.07	0.004	191.2	0.0169				
1112.10	0.005	191.3	0.0195				
1112.13	0.006	191.6	0.024				
1112.17	0.01	191.8	0.024				
1112.20	0.011	191.8	0.0284				
1112.23	0.011	192	0.032				
1112.27	0.012	192.3	0.0355				
1112.32	0.016	192.6	0.0399				
1112.35	0.016	192.7	0.0417				
1112.37	0.017	193	0.0453				
1112.40	0.021	193.2	0.0488				
1112.43	0.021	193.4	0.0506				
1112.47	0.022	193.7	0.0533				
1112.50	0.025	193.9	0.0533				
1112.53	0.025	193.9	0.0568				
1112.57	0.025	194.1	0.0586				
1112.60	0.026	194.3	0.0604				
1112.63	0.027	194.5	0.0621				
1112.67	0.028	194.7	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1112.70	0.028	194.8	0.0639				
1112.73	0.029	195	0.0639				
1112.77	0.029	195.1	0.0648				
1112.80	0.029	195.1	0.0657				
1112.83	0.029	195.2	0.0657				
1112.87	0.029	195.4	0.0657				
1112.90	0.028	195.4	0.0657				
1112.93	0.028	195.5	0.0639				
1112.97	0.027	195.5	0.0639				
1113.00	0.025	195.5	0.063				
1113.03	0.025	195.5	0.0621				
1113.07	0.025	195.5	0.0604				
1113.10	0.023	195.4	0.0577				
1113.13	0.021	195.4	0.0559				
1113.17	0.02	195.3	0.0533				
1113.20	0.018	195.1	0.0506				
1113.23	0.016	195	0.0506				
1113.27	0.016	195	0.0479				
1113.30	0.014	194.9	0.0453				
1113.33	0.012	194.6	0.0417				
1113.37	0.01	194.5	0.0382				
1113.40	0.009	194.3	0.0346				
1113.43	0.006	194.1	0.0311				
1113.47	0.003	193.8	0.0311				
1113.50	0.003	193.8	0.0275				
1113.53	0.002	193.7	0.0231				
1113.57	0	193.3	0.0186				
1113.60	-0.003	193.1	0.0151				
1113.63	-0.004	192.9	0.0115				
1113.67	-0.005	192.6	0.008				
1113.70	-0.008	192.3	0.008				
1113.75	-0.009	192.1	0.0027				
1113.78	-0.009	191.9	0				
1113.82	-0.012	191.6	0				
1113.83	-0.013	191.6	-0.0027				
1113.87	-0.013	191.4	-0.0053				
1113.90	-0.014	191.2	-0.0071				
1113.93	-0.015	191	-0.0098				
1113.97	-0.016	190.8	-0.0107				
1114.00	-0.016	190.7	-0.0124				
1114.03	-0.017	190.5	-0.0124				
1114.07	-0.017	190.5	-0.0133				
1114.10	-0.017	190.3	-0.0133				
1114.13	-0.017	190.2	-0.0142				
1114.17	-0.017	190.1	-0.0142				
1114.20	-0.017	190	-0.0142				
1114.23	-0.017	190	-0.0133				
1114.27	-0.015	189.9	-0.0133				
1114.30	-0.015	189.9	-0.0124				
1114.33	-0.015	189.9	-0.0115				
1114.37	-0.014	189.9	-0.0098				
1114.40	-0.013	190	-0.0089				
1114.43	-0.011	190	-0.0071				
1114.47	-0.01	190	-0.0044				
1114.50	-0.008	190.2	-0.0044				
1114.53	-0.007	190.3	-0.0018				
1114.57	-0.007	190.3	0				
1114.60	-0.005	190.4	0.0036				
1114.63	-0.002	190.6	0.0071				
1114.67	0	190.8	0.0107				
1114.70	0.001	190.9	0.0142				
1114.73	0.004	191.2	0.0142				
1114.77	0.006	191.4	0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1114.80	0.006	191.4	0.0213				
1114.83	0.007	191.6	0.0257				
1114.87	0.01	191.9	0.0302				
1114.90	0.012	192.1	0.0337				
1114.93	0.013	192.3	0.0373				
1114.97	0.016	192.6	0.0408				
1115.00	0.018	192.8	0.0408				
1115.03	0.019	192.8	0.0444				
1115.07	0.019	193	0.047				
1115.10	0.02	193.3	0.0506				
1115.13	0.023	193.6	0.0533				
1115.17	0.023	193.8	0.0559				
1115.22	0.025	194	0.0586				
1115.25	0.026	194.2	0.0604				
1115.27	0.026	194.4	0.0604				
1115.30	0.027	194.6	0.0621				
1115.33	0.028	194.7	0.0621				
1115.37	0.028	194.7	0.0639				
1115.40	0.028	194.9	0.0648				
1115.43	0.029	195	0.0657				
1115.47	0.029	195.1	0.0657				
1115.50	0.029	195.2	0.0657				
1115.53	0.029	195.4	0.0657				
1115.57	0.028	195.5	0.0657				
1115.60	0.027	195.5	0.0657				
1115.63	0.027	195.5	0.0648				
1115.67	0.027	195.5	0.063				
1115.70	0.025	195.5	0.0612				
1115.73	0.024	195.5	0.0604				
1115.77	0.023	195.4	0.0568				
1115.80	0.021	195.3	0.0568				
1115.83	0.019	195.2	0.055				
1115.87	0.019	195.2	0.0533				
1115.90	0.018	195.1	0.0506				
1115.93	0.016	194.9	0.0479				
1115.97	0.014	194.8	0.0444				
1116.00	0.012	194.7	0.0408				
1116.03	0.009	194.4	0.0408				
1116.07	0.007	194.2	0.0373				
1116.10	0.007	194.2	0.0337				
1116.13	0.006	194.1	0.0302				
1116.17	0.003	193.8	0.0257				
1116.20	0.001	193.6	0.0222				
1116.23	0	193.4	0.0178				
1116.27	-0.003	193	0.0178				
1116.30	-0.005	192.8	0.0142				
1116.33	-0.005	192.8	0.0107				
1116.37	-0.006	192.6	0.0071				
1116.40	-0.008	192.3	0.0036				
1116.43	-0.01	192	0.0009				
1116.47	-0.011	191.8	-0.0027				
1116.50	-0.012	191.5	-0.0044				
1116.53	-0.014	191.3	-0.0044				
1116.57	-0.014	191.3	-0.0071				
1116.60	-0.015	191.1	-0.0089				
1116.65	-0.016	190.7	-0.0107				
1116.68	-0.016	190.7	-0.0115				
1116.72	-0.016	190.6	-0.0124				
1116.73	-0.017	190.4	-0.0133				
1116.77	-0.017	190.3	-0.0133				
1116.80	-0.017	190.1	-0.0142				
1116.83	-0.017	190.1	-0.0142				
1116.87	-0.017	190	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1116.90	-0.016	190	-0.0133				
1116.93	-0.016	189.9	-0.0124				
1116.97	-0.016	189.9	-0.0115				
1117.00	-0.014	189.9	-0.0107				
1117.03	-0.014	189.9	-0.0089				
1117.07	-0.012	190	-0.008				
1117.10	-0.01	190	-0.008				
1117.13	-0.009	190	-0.0062				
1117.17	-0.009	190.1	-0.0036				
1117.20	-0.008	190.2	-0.0009				
1117.23	-0.005	190.4	0.0027				
1117.27	-0.004	190.4	0.0044				
1117.30	-0.003	190.6	0.008				
1117.33	0.001	190.8	0.008				
1117.37	0.002	190.8	0.0124				
1117.40	0.002	191	0.0151				
1117.43	0.004	191.2	0.0186				
1117.47	0.007	191.5	0.0231				
1117.50	0.008	191.6	0.0275				
1117.53	0.01	191.9	0.032				
1117.57	0.013	192.2	0.032				
1117.60	0.015	192.4	0.0355				
1117.63	0.015	192.4	0.0391				
1117.67	0.016	192.6	0.0426				
1117.70	0.019	192.9	0.0462				
1117.73	0.02	193.1	0.0488				
1117.77	0.021	193.3	0.0524				
1117.80	0.023	193.6	0.0524				
1117.83	0.024	193.9	0.055				
1117.87	0.024	193.9	0.0568				
1117.90	0.025	194	0.0595				
1117.93	0.026	194.3	0.0612				
1117.97	0.027	194.5	0.063				
1118.00	0.028	194.6	0.0639				
1118.03	0.028	194.8	0.0639				
1118.07	0.029	194.9	0.0648				
1118.12	0.029	195.1	0.0657				
1118.15	0.029	195.2	0.0657				
1118.17	0.029	195.3	0.0657				
1118.20	0.028	195.3	0.0657				
1118.23	0.028	195.4	0.0657				
1118.27	0.028	195.5	0.0657				
1118.30	0.027	195.5	0.0639				
1118.33	0.026	195.5	0.063				
1118.37	0.025	195.4	0.0604				
1118.40	0.023	195.4	0.0604				
1118.43	0.022	195.4	0.0595				
1118.47	0.022	195.4	0.0577				
1118.50	0.021	195.3	0.0559				
1118.53	0.019	195.2	0.0533				
1118.57	0.017	195	0.0497				
1118.60	0.016	194.9	0.047				
1118.63	0.012	194.7	0.047				
1118.67	0.011	194.7	0.0435				
1118.70	0.011	194.6	0.0408				
1118.73	0.01	194.4	0.0364				
1118.77	0.006	194.1	0.0328				
1118.80	0.005	194	0.0302				
1118.83	0.004	193.7	0.0249				
1118.87	0	193.4	0.0249				
1118.90	-0.001	193.4	0.0204				
1118.93	-0.001	193.2	0.0169				
1118.97	-0.002	193	0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1119.00	-0.006	192.7	0.0098				
1119.03	-0.007	192.5	0.0071				
1119.07	-0.008	192.2	0.0027				
1119.10	-0.011	191.9	0.0027				
1119.13	-0.012	191.9	0				
1119.17	-0.012	191.7	-0.0018				
1119.20	-0.013	191.5	-0.0053				
1119.23	-0.014	191.2	-0.0071				
1119.27	-0.015	191	-0.0089				
1119.30	-0.015	190.8	-0.0098				
1119.33	-0.016	190.6	-0.0098				
1119.37	-0.017	190.5	-0.0124				
1119.40	-0.017	190.5	-0.0124				
1119.43	-0.017	190.3	-0.0133				
1119.47	-0.017	190.2	-0.0133				
1119.50	-0.017	190.1	-0.0133				
1119.53	-0.017	190	-0.0133				
1119.58	-0.016	190	-0.0124				
1119.62	-0.016	189.9	-0.0124				
1119.63	-0.015	189.9	-0.0115				
1119.67	-0.015	189.9	-0.0098				
1119.70	-0.013	189.9	-0.0098				
1119.73	-0.012	189.9	-0.0089				
1119.77	-0.012	189.9	-0.0071				
1119.80	-0.011	190	-0.0044				
1119.83	-0.009	190.1	-0.0027				
1119.87	-0.007	190.2	0				
1119.90	-0.006	190.4	0.0027				
1119.93	-0.003	190.5	0.0027				
1119.97	-0.001	190.5	0.0062				
1120.00	-0.001	190.7	0.0098				
1120.03	0	190.9	0.0124				
1120.07	0.003	191.1	0.0169				
1120.10	0.004	191.3	0.0204				
1120.13	0.006	191.5	0.024				
1120.17	0.01	191.8	0.024				
1120.20	0.011	191.8	0.0293				
1120.23	0.011	192	0.0328				
1120.27	0.012	192.3	0.0364				
1120.30	0.016	192.5	0.0399				
1120.33	0.017	192.7	0.0435				
1120.37	0.018	193	0.047				
1120.40	0.021	193.2	0.047				
1120.43	0.022	193.2	0.0506				
1120.47	0.022	193.4	0.0524				
1120.50	0.023	193.7	0.055				
1120.53	0.025	193.9	0.0577				
1120.57	0.025	194.1	0.0595				
1120.60	0.026	194.3	0.0621				
1120.63	0.028	194.5	0.0621				
1120.67	0.028	194.5	0.0639				
1120.70	0.028	194.7	0.0639				
1120.73	0.028	194.8	0.0648				
1120.77	0.029	195	0.0657				
1120.80	0.029	195.1	0.0657				
1120.83	0.029	195.2	0.0657				
1120.87	0.028	195.3	0.0657				
1120.90	0.028	195.4	0.0657				
1120.93	0.028	195.4	0.0657				
1120.97	0.027	195.4	0.0648				
1121.02	0.025	195.4	0.063				
1121.05	0.025	195.4	0.0621				
1121.08	0.025	195.4	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1121.10	0.023	195.4	0.0586				
1121.13	0.021	195.3	0.0568				
1121.17	0.02	195.2	0.0541				
1121.20	0.018	195.1	0.0541				
1121.23	0.016	195	0.0515				
1121.27	0.016	195	0.0488				
1121.30	0.015	194.9	0.0462				
1121.33	0.012	194.6	0.0426				
1121.37	0.01	194.4	0.0391				
1121.40	0.009	194.3	0.0355				
1121.43	0.006	194	0.0355				
1121.47	0.004	193.8	0.0311				
1121.50	0.004	193.8	0.0284				
1121.53	0.002	193.6	0.0231				
1121.57	0	193.3	0.0195				
1121.60	-0.003	193.1	0.0151				
1121.63	-0.004	192.9	0.0124				
1121.67	-0.006	192.5	0.0124				
1121.70	-0.008	192.3	0.008				
1121.73	-0.008	192.3	0.0044				
1121.77	-0.009	192.1	0.0018				
1121.80	-0.011	191.8	-0.0018				
1121.83	-0.013	191.5	-0.0036				
1121.87	-0.013	191.3	-0.0062				
1121.90	-0.014	191.1	-0.008				
1121.93	-0.016	190.9	-0.008				
1121.97	-0.016	190.9	-0.0098				
1122.00	-0.016	190.7	-0.0107				
1122.03	-0.016	190.6	-0.0115				
1122.07	-0.017	190.4	-0.0133				
1122.10	-0.017	190.3	-0.0133				
1122.13	-0.017	190.1	-0.0133				
1122.17	-0.017	190.1	-0.0133				
1122.20	-0.017	190.1	-0.0133				
1122.23	-0.017	190	-0.0133				
1122.27	-0.016	189.9	-0.0124				
1122.30	-0.015	189.9	-0.0115				
1122.33	-0.015	189.9	-0.0107				
1122.37	-0.014	189.9	-0.0089				
1122.40	-0.012	190	-0.0089				
1122.43	-0.011	190	-0.0071				
1122.48	-0.009	190.1	-0.0044				
1122.52	-0.008	190.1	-0.0044				
1122.53	-0.007	190.1	-0.0018				
1122.57	-0.007	190.2	0.0009				
1122.60	-0.005	190.4	0.0044				
1122.63	-0.002	190.6	0.0071				
1122.67	-0.001	190.7	0.0098				
1122.70	0.001	191	0.0142				
1122.73	0.005	191.2	0.0142				
1122.77	0.005	191.2	0.0186				
1122.80	0.005	191.3	0.0213				
1122.83	0.007	191.6	0.0257				
1122.87	0.011	191.9	0.0311				
1122.90	0.012	192.1	0.0337				
1122.93	0.013	192.3	0.0373				
1122.97	0.017	192.6	0.0373				
1123.00	0.018	192.6	0.0417				
1123.03	0.018	192.8	0.0453				
1123.07	0.019	193.1	0.0479				
1123.10	0.022	193.3	0.0515				
1123.13	0.023	193.5	0.0533				
1123.17	0.023	193.7	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1123.20	0.026	194	0.0559				
1123.23	0.026	194	0.0586				
1123.27	0.026	194.2	0.0604				
1123.30	0.027	194.4	0.0621				
1123.33	0.028	194.6	0.0639				
1123.37	0.028	194.7	0.0648				
1123.40	0.028	194.9	0.0648				
1123.43	0.029	195	0.0648				
1123.47	0.029	195	0.0657				
1123.50	0.029	195.1	0.0657				
1123.53	0.029	195.2	0.0657				
1123.57	0.029	195.4	0.0657				
1123.60	0.028	195.4	0.0648				
1123.63	0.027	195.4	0.0639				
1123.67	0.025	195.4	0.0639				
1123.70	0.024	195.4	0.0621				
1123.73	0.024	195.4	0.0612				
1123.77	0.023	195.4	0.0595				
1123.80	0.022	195.2	0.0568				
1123.83	0.02	195.2	0.055				
1123.87	0.019	195.1	0.0524				
1123.92	0.016	194.9	0.0488				
1123.95	0.015	194.8	0.047				
1123.98	0.014	194.7	0.0444				
1124.00	0.011	194.5	0.0444				
1124.03	0.009	194.3	0.0408				
1124.07	0.009	194.3	0.0373				
1124.10	0.008	194.2	0.0337				
1124.13	0.005	193.9	0.0302				
1124.17	0.003	193.7	0.0257				
1124.20	0.001	193.5	0.0213				
1124.23	-0.001	193.2	0.0213				
1124.27	-0.003	192.9	0.0178				
1124.30	-0.003	192.9	0.0142				
1124.33	-0.005	192.7	0.0098				
1124.37	-0.006	192.4	0.0062				
1124.40	-0.009	192.2	0.0036				
1124.43	-0.01	191.9	0.0009				
1124.47	-0.011	191.6	-0.0027				
1124.50	-0.013	191.4	-0.0027				
1124.53	-0.013	191.4	-0.0053				
1124.57	-0.014	191.2	-0.0071				
1124.60	-0.015	191	-0.0089				
1124.63	-0.016	190.8	-0.0107				
1124.67	-0.016	190.6	-0.0115				
1124.70	-0.017	190.5	-0.0124				
1124.73	-0.017	190.3	-0.0124				
1124.77	-0.017	190.3	-0.0133				
1124.80	-0.017	190.2	-0.0133				
1124.83	-0.017	190.1	-0.0133				
1124.87	-0.017	190	-0.0133				
1124.90	-0.016	189.9	-0.0124				
1124.93	-0.016	189.9	-0.0115				
1124.97	-0.015	189.9	-0.0115				
1125.00	-0.015	189.9	-0.0115				
1125.03	-0.015	189.9	-0.0098				
1125.07	-0.013	190	-0.008				
1125.10	-0.011	190	-0.0062				
1125.13	-0.01	190	-0.0044				
1125.17	-0.009	190.2	-0.0018				
1125.20	-0.006	190.3	-0.0018				
1125.23	-0.005	190.3	0.0009				
1125.27	-0.005	190.4	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1125.30	-0.003	190.6	0.0071				
1125.33	0	190.8	0.0107				
1125.38	0.001	190.9	0.0133				
1125.42	0.001	191.1	0.0151				
1125.43	0.005	191.3	0.0195				
1125.47	0.006	191.5	0.0231				
1125.50	0.008	191.7	0.0284				
1125.53	0.012	192	0.0284				
1125.57	0.012	192	0.0328				
1125.60	0.012	192.2	0.0355				
1125.63	0.014	192.4	0.0391				
1125.67	0.018	192.7	0.0435				
1125.70	0.018	192.9	0.0462				
1125.73	0.02	193.2	0.0497				
1125.77	0.022	193.4	0.0497				
1125.80	0.023	193.4	0.0524				
1125.83	0.023	193.6	0.055				
1125.87	0.024	193.9	0.0577				
1125.90	0.026	194.1	0.0604				
1125.93	0.027	194.3	0.0612				
1125.97	0.027	194.5	0.063				
1126.00	0.028	194.7	0.063				
1126.03	0.029	194.7	0.0639				
1126.07	0.029	194.8	0.0648				
1126.10	0.029	194.9	0.0657				
1126.13	0.029	195.1	0.0657				
1126.17	0.029	195.2	0.0657				
1126.20	0.029	195.3	0.0657				
1126.23	0.028	195.4	0.0657				
1126.27	0.028	195.4	0.0657				
1126.30	0.028	195.4	0.0648				
1126.33	0.026	195.4	0.063				
1126.37	0.025	195.4	0.0612				
1126.40	0.024	195.4	0.0604				
1126.43	0.023	195.4	0.0577				
1126.47	0.021	195.2	0.0577				
1126.50	0.02	195.2	0.0559				
1126.53	0.02	195.2	0.0541				
1126.57	0.018	195.1	0.0506				
1126.60	0.015	194.9	0.047				
1126.63	0.013	194.7	0.0444				
1126.67	0.012	194.6	0.0408				
1126.70	0.009	194.3	0.0408				
1126.73	0.007	194.2	0.0373				
1126.77	0.007	194.2	0.0346				
1126.80	0.006	194	0.0302				
1126.85	0.002	193.5	0.0257				
1126.88	0.002	193.5	0.024				
1126.90	0.001	193.4	0.0195				
1126.93	-0.002	193	0.016				
1126.97	-0.004	192.8	0.0124				
1127.00	-0.005	192.6	0.0089				
1127.03	-0.007	192.3	0.0053				
1127.07	-0.01	192	0.0053				
1127.10	-0.01	192	0.0018				
1127.13	-0.01	191.8	-0.0009				
1127.17	-0.012	191.5	-0.0036				
1127.20	-0.014	191.3	-0.0062				
1127.23	-0.014	191.1	-0.008				
1127.27	-0.015	190.9	-0.0098				
1127.30	-0.016	190.7	-0.0098				
1127.33	-0.016	190.7	-0.0115				
1127.37	-0.016	190.5	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1127.40	-0.017	190.4	-0.0124				
1127.43	-0.017	190.2	-0.0133				
1127.47	-0.017	190.1	-0.0142				
1127.50	-0.017	190	-0.0133				
1127.53	-0.017	190	-0.0133				
1127.57	-0.016	190	-0.0133				
1127.60	-0.016	189.9	-0.0124				
1127.63	-0.016	189.9	-0.0115				
1127.67	-0.014	189.9	-0.0107				
1127.70	-0.013	189.9	-0.0089				
1127.73	-0.013	189.9	-0.0071				
1127.77	-0.01	190	-0.0071				
1127.80	-0.01	190	-0.0053				
1127.83	-0.01	190	-0.0036				
1127.87	-0.008	190.1	-0.0009				
1127.90	-0.005	190.3	0.0027				
1127.93	-0.004	190.4	0.0044				
1127.97	-0.003	190.6	0.0089				
1128.00	0.001	190.8	0.0089				
1128.03	0.002	191	0.0124				
1128.07	0.002	191	0.0151				
1128.10	0.003	191.2	0.0186				
1128.13	0.007	191.4	0.0231				
1128.17	0.009	191.6	0.0275				
1128.20	0.01	191.8	0.0311				
1128.23	0.013	192.1	0.0311				
1128.28	0.014	192.3	0.0382				
1128.32	0.015	192.5	0.0408				
1128.33	0.017	192.8	0.0408				
1128.37	0.019	193	0.0444				
1128.40	0.019	193	0.047				
1128.43	0.02	193.3	0.0506				
1128.47	0.023	193.5	0.0541				
1128.50	0.024	193.7	0.0559				
1128.53	0.024	193.9	0.0586				
1128.57	0.026	194.2	0.0586				
1128.60	0.027	194.4	0.0604				
1128.63	0.027	194.4	0.0621				
1128.67	0.027	194.5	0.063				
1128.70	0.028	194.7	0.0648				
1128.73	0.028	194.8	0.0648				
1128.77	0.029	195	0.0657				
1128.80	0.029	195.1	0.0657				
1128.83	0.029	195.2	0.0657				
1128.87	0.029	195.2	0.0657				
1128.90	0.029	195.3	0.0657				
1128.93	0.028	195.4	0.0657				
1128.97	0.027	195.4	0.0639				
1129.00	0.026	195.4	0.063				
1129.03	0.025	195.4	0.0612				
1129.07	0.023	195.4	0.0612				
1129.10	0.022	195.4	0.0595				
1129.13	0.022	195.3	0.0577				
1129.17	0.021	195.2	0.055				
1129.20	0.018	195.1	0.0524				
1129.23	0.017	195	0.0497				
1129.27	0.016	194.8	0.047				
1129.30	0.012	194.6	0.047				
1129.33	0.011	194.6	0.0426				
1129.37	0.011	194.5	0.0399				
1129.40	0.01	194.3	0.0364				
1129.43	0.005	194.1	0.032				
1129.47	0.005	193.9	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1129.50	0.004	193.6	0.0249				
1129.53	0	193.4	0.0249				
1129.57	-0.001	193.4	0.0204				
1129.60	-0.001	193.2	0.0178				
1129.63	-0.003	192.9	0.0133				
1129.67	-0.006	192.6	0.0098				
1129.70	-0.007	192.4	0.0062				
1129.75	-0.008	192.1	0.0036				
1129.78	-0.01	191.9	0.0018				
1129.80	-0.011	191.7	-0.0009				
1129.83	-0.012	191.5	-0.0044				
1129.87	-0.014	191.2	-0.0044				
1129.90	-0.015	191	-0.0062				
1129.93	-0.015	191	-0.008				
1129.97	-0.015	190.8	-0.0098				
1130.00	-0.016	190.6	-0.0115				
1130.03	-0.017	190.4	-0.0124				
1130.07	-0.017	190.3	-0.0124				
1130.10	-0.017	190.2	-0.0124				
1130.13	-0.017	190.1	-0.0133				
1130.17	-0.017	190.1	-0.0133				
1130.20	-0.017	190	-0.0133				
1130.23	-0.017	189.9	-0.0133				
1130.27	-0.016	189.9	-0.0124				
1130.30	-0.015	189.9	-0.0107				
1130.33	-0.014	189.9	-0.0107				
1130.37	-0.013	189.9	-0.0098				
1130.40	-0.013	189.9	-0.0089				
1130.43	-0.012	189.9	-0.0062				
1130.47	-0.01	190	-0.0044				
1130.50	-0.008	190.1	-0.0018				
1130.53	-0.007	190.2	0				
1130.57	-0.006	190.3	0.0027				
1130.60	-0.003	190.5	0.0027				
1130.63	-0.002	190.5	0.0062				
1130.67	-0.002	190.6	0.0098				
1130.70	0	190.9	0.0133				
1130.73	0.003	191.1	0.0169				
1130.77	0.005	191.2	0.0204				
1130.80	0.006	191.5	0.024				
1130.83	0.01	191.7	0.024				
1130.87	0.011	191.7	0.0293				
1130.90	0.011	191.9	0.0328				
1130.93	0.013	192.2	0.0364				
1130.97	0.016	192.5	0.0399				
1131.00	0.017	192.7	0.0435				
1131.03	0.018	193	0.047				
1131.07	0.021	193.2	0.047				
1131.10	0.022	193.2	0.0506				
1131.13	0.022	193.4	0.0524				
1131.18	0.024	193.8	0.0559				
1131.22	0.025	193.8	0.0568				
1131.25	0.025	194	0.0595				
1131.27	0.026	194.2	0.0612				
1131.30	0.027	194.4	0.063				
1131.33	0.028	194.6	0.0639				
1131.37	0.028	194.8	0.0648				
1131.40	0.029	194.9	0.0648				
1131.43	0.029	194.9	0.0657				
1131.47	0.029	195	0.0657				
1131.50	0.029	195.1	0.0657				
1131.53	0.029	195.2	0.0657				
1131.57	0.028	195.3	0.0657				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1131.60	0.028	195.4	0.0648				
1131.63	0.027	195.4	0.0648				
1131.67	0.025	195.4	0.0639				
1131.70	0.025	195.4	0.0621				
1131.73	0.025	195.4	0.0604				
1131.77	0.023	195.3	0.0586				
1131.80	0.021	195.2	0.0568				
1131.83	0.02	195.2	0.0541				
1131.87	0.018	195	0.0541				
1131.90	0.016	194.9	0.0506				
1131.93	0.016	194.9	0.0488				
1131.97	0.015	194.8	0.0453				
1132.00	0.012	194.6	0.0417				
1132.03	0.01	194.4	0.0391				
1132.07	0.009	194.2	0.0355				
1132.10	0.006	194	0.0355				
1132.13	0.004	193.8	0.0311				
1132.17	0.004	193.8	0.0275				
1132.20	0.002	193.6	0.0231				
1132.23	-0.001	193.3	0.0186				
1132.27	-0.002	193	0.016				
1132.30	-0.004	192.8	0.0124				
1132.33	-0.006	192.5	0.0124				
1132.37	-0.008	192.2	0.0089				
1132.40	-0.008	192.2	0.0053				
1132.43	-0.009	192	0.0018				
1132.47	-0.011	191.7	-0.0009				
1132.50	-0.012	191.5	-0.0036				
1132.53	-0.013	191.3	-0.0053				
1132.57	-0.014	191	-0.0053				
1132.60	-0.016	190.8	-0.008				
1132.65	-0.016	190.7	-0.0107				
1132.68	-0.016	190.5	-0.0115				
1132.70	-0.017	190.4	-0.0115				
1132.73	-0.017	190.4	-0.0124				
1132.77	-0.017	190.2	-0.0133				
1132.80	-0.017	190.1	-0.0133				
1132.83	-0.017	190	-0.0133				
1132.87	-0.017	189.9	-0.0133				
1132.90	-0.016	189.9	-0.0124				
1132.93	-0.015	189.8	-0.0124				
1132.97	-0.015	189.8	-0.0115				
1133.00	-0.015	189.8	-0.0107				
1133.03	-0.014	189.9	-0.0089				
1133.07	-0.012	189.9	-0.008				
1133.10	-0.011	189.9	-0.0053				
1133.13	-0.01	190	-0.0036				
1133.17	-0.007	190.1	-0.0036				
1133.20	-0.006	190.1	-0.0009				
1133.23	-0.006	190.2	0.0009				
1133.27	-0.005	190.4	0.0044				
1133.30	-0.002	190.6	0.008				
1133.33	-0.001	190.7	0.0107				
1133.37	0.001	190.9	0.0142				
1133.40	0.004	191.2	0.0142				
1133.43	0.005	191.2	0.0186				
1133.47	0.005	191.3	0.0213				
1133.50	0.007	191.6	0.0257				
1133.53	0.011	191.8	0.0311				
1133.57	0.012	192	0.0346				
1133.60	0.014	192.3	0.0382				
1133.63	0.017	192.6	0.0382				
1133.67	0.017	192.6	0.0417				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1133.70	0.017	192.8	0.0453				
1133.73	0.019	193.1	0.0488				
1133.77	0.022	193.3	0.0515				
1133.80	0.022	193.5	0.0541				
1133.83	0.023	193.7	0.0568				
1133.87	0.026	194	0.0568				
1133.90	0.026	194	0.0595				
1133.93	0.026	194.2	0.0612				
1133.97	0.027	194.3	0.0621				
1134.00	0.028	194.5	0.0639				
1134.03	0.028	194.7	0.0648				
1134.08	0.029	194.8	0.0657				
1134.10	0.029	195	0.0657				
1134.15	0.029	195.1	0.0657				
1134.17	0.029	195.2	0.0666				
1134.20	0.029	195.3	0.0666				
1134.23	0.028	195.4	0.0666				
1134.27	0.028	195.4	0.0657				
1134.30	0.027	195.4	0.0648				
1134.33	0.026	195.4	0.063				
1134.37	0.025	195.4	0.0621				
1134.40	0.024	195.4	0.0604				
1134.43	0.023	195.3	0.0604				
1134.47	0.021	195.2	0.0577				
1134.50	0.021	195.2	0.0559				
1134.53	0.02	195.1	0.0533				
1134.57	0.017	195	0.0506				
1134.60	0.015	194.9	0.047				
1134.63	0.014	194.7	0.0444				
1134.67	0.012	194.5	0.0444				
1134.70	0.009	194.3	0.0408				
1134.73	0.009	194.3	0.0373				
1134.77	0.008	194.2	0.0337				
1134.80	0.005	193.9	0.0302				
1134.83	0.003	193.7	0.0257				
1134.87	0.002	193.5	0.0213				
1134.90	-0.001	193.2	0.0213				
1134.93	-0.004	192.9	0.0178				
1134.97	-0.004	192.9	0.0142				
1135.00	-0.004	192.7	0.0107				
1135.03	-0.007	192.4	0.0071				
1135.07	-0.009	192.1	0.0036				
1135.10	-0.01	191.9	0.0009				
1135.13	-0.011	191.6	0.0009				
1135.17	-0.013	191.4	-0.0027				
1135.20	-0.013	191.4	-0.0044				
1135.23	-0.014	191.2	-0.0071				
1135.27	-0.015	191	-0.0089				
1135.30	-0.016	190.8	-0.0098				
1135.33	-0.016	190.6	-0.0107				
1135.37	-0.017	190.4	-0.0115				
1135.40	-0.017	190.3	-0.0115				
1135.43	-0.017	190.3	-0.0133				
1135.47	-0.017	190.2	-0.0133				
1135.50	-0.017	190.1	-0.0133				
1135.55	-0.017	190	-0.0133				
1135.58	-0.017	189.9	-0.0133				
1135.60	-0.016	189.8	-0.0124				
1135.63	-0.015	189.8	-0.0115				
1135.67	-0.014	189.8	-0.0107				
1135.70	-0.014	189.8	-0.0089				
1135.73	-0.012	189.9	-0.0089				
1135.77	-0.011	189.9	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1135.80	-0.011	189.9	-0.0053				
1135.83	-0.01	190	-0.0027				
1135.87	-0.007	190.2	0				
1135.90	-0.006	190.2	0.0027				
1135.93	-0.004	190.4	0.0062				
1135.97	-0.001	190.6	0.0062				
1136.00	0	190.6	0.0098				
1136.03	0	190.8	0.0124				
1136.07	0.002	190.9	0.016				
1136.10	0.005	191.2	0.0204				
1136.13	0.007	191.4	0.0231				
1136.17	0.008	191.6	0.0284				
1136.20	0.012	191.9	0.0284				
1136.23	0.013	192.1	0.0328				
1136.27	0.013	192.1	0.0355				
1136.30	0.014	192.3	0.0399				
1136.33	0.017	192.6	0.0435				
1136.37	0.019	192.9	0.0462				
1136.40	0.02	193.1	0.0497				
1136.43	0.022	193.4	0.0497				
1136.47	0.023	193.6	0.0533				
1136.50	0.023	193.6	0.055				
1136.53	0.024	193.8	0.0577				
1136.57	0.026	194	0.0595				
1136.60	0.026	194.2	0.0612				
1136.63	0.027	194.4	0.063				
1136.67	0.028	194.6	0.063				
1136.70	0.029	194.7	0.0648				
1136.73	0.029	194.7	0.0657				
1136.77	0.029	194.9	0.0657				
1136.80	0.029	195	0.0657				
1136.83	0.029	195.1	0.0657				
1136.87	0.029	195.2	0.0657				
1136.90	0.028	195.3	0.0657				
1136.93	0.027	195.4	0.0657				
1136.97	0.027	195.4	0.0648				
1137.02	0.026	195.4	0.063				
1137.05	0.025	195.4	0.063				
1137.07	0.025	195.4	0.0612				
1137.10	0.024	195.4	0.0586				
1137.13	0.022	195.2	0.0568				
1137.17	0.019	195.1	0.0541				
1137.20	0.019	195.1	0.0524				
1137.23	0.017	194.9	0.0488				
1137.27	0.014	194.7	0.0488				
1137.30	0.014	194.7	0.0462				
1137.33	0.013	194.6	0.0435				
1137.37	0.011	194.4	0.0399				
1137.40	0.008	194.2	0.0355				
1137.43	0.007	194	0.032				
1137.47	0.005	193.8	0.0284				
1137.50	0.002	193.5	0.0284				
1137.53	0.002	193.5	0.024				
1137.57	0.001	193.3	0.0195				
1137.60	-0.002	193	0.016				
1137.63	-0.004	192.8	0.0124				
1137.67	-0.005	192.6	0.0089				
1137.70	-0.007	192.2	0.0053				
1137.73	-0.01	192	0.0053				
1137.77	-0.01	192	0.0018				
1137.80	-0.01	191.8	0				
1137.83	-0.011	191.5	-0.0036				
1137.87	-0.014	191.3	-0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1137.90	-0.014	191.1	-0.0071				
1137.93	-0.015	190.9	-0.0089				
1137.97	-0.016	190.7	-0.0089				
1138.00	-0.017	190.7	-0.0107				
1138.03	-0.017	190.5	-0.0115				
1138.07	-0.017	190.4	-0.0124				
1138.10	-0.017	190.2	-0.0133				
1138.13	-0.017	190.1	-0.0133				
1138.17	-0.017	190	-0.0133				
1138.20	-0.017	189.9	-0.0133				
1138.23	-0.016	189.9	-0.0133				
1138.27	-0.016	189.9	-0.0124				
1138.30	-0.016	189.8	-0.0115				
1138.33	-0.014	189.8	-0.0107				
1138.37	-0.014	189.8	-0.0098				
1138.40	-0.013	189.9	-0.0071				
1138.45	-0.01	190	-0.0053				
1138.48	-0.01	190	-0.0036				
1138.52	-0.009	190.1	-0.0018				
1138.53	-0.006	190.2	-0.0018				
1138.57	-0.005	190.2	0.0009				
1138.60	-0.005	190.3	0.0036				
1138.63	-0.004	190.5	0.0071				
1138.67	0	190.7	0.0107				
1138.70	0.001	190.8	0.0133				
1138.73	0.003	191	0.0178				
1138.77	0.006	191.3	0.0178				
1138.80	0.008	191.3	0.0222				
1138.83	0.008	191.5	0.0249				
1138.87	0.009	191.7	0.0302				
1138.90	0.013	192	0.0337				
1138.93	0.013	192.2	0.0364				
1138.97	0.015	192.4	0.0408				
1139.00	0.018	192.7	0.0408				
1139.03	0.019	193	0.0453				
1139.07	0.019	193	0.0479				
1139.10	0.021	193.2	0.0506				
1139.13	0.022	193.5	0.0541				
1139.17	0.024	193.7	0.0559				
1139.20	0.025	193.9	0.0586				
1139.23	0.026	194.1	0.0586				
1139.27	0.027	194.3	0.0604				
1139.30	0.027	194.3	0.0621				
1139.33	0.027	194.4	0.063				
1139.37	0.028	194.6	0.0648				
1139.40	0.029	194.8	0.0657				
1139.43	0.029	194.9	0.0657				
1139.47	0.029	195	0.0657				
1139.50	0.029	195.1	0.0657				
1139.53	0.029	195.1	0.0657				
1139.57	0.029	195.2	0.0657				
1139.60	0.028	195.3	0.0657				
1139.63	0.027	195.4	0.0639				
1139.67	0.026	195.4	0.063				
1139.70	0.025	195.4	0.0612				
1139.73	0.023	195.3	0.0612				
1139.77	0.022	195.3	0.0595				
1139.80	0.022	195.3	0.0577				
1139.83	0.021	195.1	0.055				
1139.87	0.018	195	0.0524				
1139.92	0.017	195	0.0506				
1139.95	0.017	194.8	0.0479				
1139.97	0.013	194.7	0.0453				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1140.00	0.012	194.6	0.0426				
1140.03	0.011	194.4	0.0382				
1140.07	0.007	194.1	0.0382				
1140.10	0.006	194.1	0.0337				
1140.13	0.006	193.9	0.0311				
1140.17	0.004	193.7	0.0275				
1140.20	0.001	193.4	0.0222				
1140.23	0	193.2	0.0195				
1140.27	-0.002	193	0.0151				
1140.30	-0.005	192.7	0.0151				
1140.33	-0.006	192.4	0.0107				
1140.37	-0.006	192.4	0.008				
1140.40	-0.007	192.2	0.0044				
1140.43	-0.01	191.9	0.0009				
1140.47	-0.011	191.7	-0.0018				
1140.50	-0.012	191.5	-0.0044				
1140.53	-0.014	191.2	-0.0044				
1140.57	-0.015	191	-0.0062				
1140.60	-0.015	191	-0.0089				
1140.63	-0.015	190.8	-0.0098				
1140.67	-0.016	190.6	-0.0115				
1140.70	-0.017	190.4	-0.0124				
1140.73	-0.017	190.3	-0.0124				
1140.77	-0.017	190.1	-0.0124				
1140.80	-0.017	190	-0.0133				
1140.83	-0.017	190	-0.0133				
1140.87	-0.017	190	-0.0133				
1140.90	-0.017	189.9	-0.0124				
1140.93	-0.016	189.9	-0.0115				
1140.97	-0.015	189.8	-0.0107				
1141.00	-0.014	189.9	-0.0098				
1141.03	-0.012	189.9	-0.0098				
1141.07	-0.012	189.9	-0.008				
1141.10	-0.012	189.9	-0.0071				
1141.13	-0.01	190	-0.0044				
1141.17	-0.008	190.1	-0.0027				
1141.20	-0.007	190.1	0.0009				
1141.23	-0.005	190.3	0.0036				
1141.27	-0.003	190.5	0.0036				
1141.30	-0.003	190.5	0.0062				
1141.35	0	190.8	0.0115				
1141.38	0.002	190.9	0.0115				
1141.42	0.002	190.9	0.0142				
1141.43	0.003	191.1	0.0186				
1141.47	0.006	191.4	0.0231				
1141.50	0.009	191.6	0.0284				
1141.53	0.01	191.8	0.0311				
1141.57	0.012	192.1	0.0337				
1141.60	0.015	192.3	0.0337				
1141.63	0.016	192.3	0.0391				
1141.67	0.016	192.5	0.0417				
1141.70	0.017	192.8	0.0453				
1141.73	0.02	193.1	0.0488				
1141.77	0.021	193.3	0.0515				
1141.80	0.022	193.5	0.0541				
1141.83	0.024	193.8	0.0541				
1141.87	0.025	193.8	0.0568				
1141.90	0.025	193.9	0.0586				
1141.93	0.026	194.2	0.0612				
1141.97	0.027	194.4	0.0621				
1142.00	0.028	194.5	0.0639				
1142.03	0.028	194.7	0.0648				
1142.07	0.029	194.8	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1142.10	0.029	194.8	0.0657				
1142.13	0.029	195	0.0657				
1142.17	0.029	195.1	0.0657				
1142.20	0.029	195.2	0.0657				
1142.23	0.028	195.2	0.0657				
1142.27	0.028	195.3	0.0648				
1142.30	0.027	195.4	0.0648				
1142.33	0.026	195.4	0.0639				
1142.37	0.026	195.4	0.0621				
1142.40	0.025	195.3	0.0604				
1142.43	0.022	195.2	0.0586				
1142.47	0.021	195.2	0.0568				
1142.50	0.02	195.1	0.0541				
1142.53	0.018	195	0.0541				
1142.57	0.016	194.9	0.0515				
1142.60	0.016	194.9	0.0488				
1142.63	0.015	194.7	0.0453				
1142.67	0.012	194.5	0.0417				
1142.70	0.01	194.4	0.0391				
1142.73	0.009	194.2	0.0346				
1142.77	0.005	193.9	0.0346				
1142.82	0.004	193.7	0.0275				
1142.85	0.003	193.6	0.0249				
1142.87	0.001	193.3	0.0249				
1142.90	-0.001	193.1	0.0213				
1142.93	-0.001	193.1	0.0178				
1142.97	-0.002	192.9	0.0133				
1143.00	-0.006	192.5	0.0089				
1143.03	-0.007	192.3	0.0062				
1143.07	-0.008	192.1	0.0027				
1143.10	-0.01	191.8	0.0027				
1143.13	-0.012	191.5	0				
1143.17	-0.012	191.5	-0.0027				
1143.20	-0.013	191.3	-0.0053				
1143.23	-0.014	191.1	-0.008				
1143.27	-0.015	190.9	-0.0089				
1143.30	-0.016	190.7	-0.0107				
1143.33	-0.016	190.5	-0.0115				
1143.37	-0.017	190.3	-0.0115				
1143.40	-0.017	190.3	-0.0124				
1143.43	-0.017	190.2	-0.0133				
1143.47	-0.017	190.1	-0.0133				
1143.50	-0.017	190	-0.0133				
1143.53	-0.017	189.9	-0.0133				
1143.57	-0.017	189.8	-0.0133				
1143.60	-0.016	189.8	-0.0133				
1143.63	-0.015	189.8	-0.0124				
1143.67	-0.015	189.8	-0.0107				
1143.70	-0.014	189.8	-0.0098				
1143.73	-0.012	189.8	-0.008				
1143.77	-0.012	189.9	-0.0062				
1143.80	-0.01	189.9	-0.0036				
1143.83	-0.007	190.1	-0.0036				
1143.87	-0.006	190.1	-0.0009				
1143.90	-0.006	190.2	0.0009				
1143.93	-0.005	190.3	0.0044				
1143.97	-0.002	190.5	0.008				
1144.00	-0.001	190.6	0.0107				
1144.03	0.001	190.8	0.0142				
1144.07	0.004	191.1	0.0142				
1144.10	0.006	191.3	0.0186				
1144.13	0.006	191.3	0.0222				
1144.17	0.007	191.5	0.0257				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1144.20	0.011	191.8	0.0311				
1144.25	0.012	192	0.0337				
1144.28	0.013	192.1	0.0364				
1144.32	0.015	192.4	0.0399				
1144.33	0.017	192.7	0.0426				
1144.37	0.018	192.9	0.0462				
1144.40	0.02	193.2	0.0462				
1144.43	0.022	193.4	0.0506				
1144.47	0.022	193.4	0.0533				
1144.50	0.023	193.6	0.055				
1144.53	0.025	193.8	0.0577				
1144.57	0.026	194.1	0.0595				
1144.60	0.026	194.2	0.0621				
1144.63	0.027	194.4	0.0621				
1144.67	0.028	194.6	0.063				
1144.70	0.028	194.6	0.0639				
1144.73	0.029	194.8	0.0648				
1144.77	0.029	194.9	0.0657				
1144.80	0.029	195	0.0657				
1144.83	0.029	195.1	0.0657				
1144.87	0.029	195.2	0.0657				
1144.90	0.028	195.3	0.0657				
1144.93	0.027	195.3	0.0657				
1144.97	0.027	195.3	0.0648				
1145.00	0.027	195.4	0.0639				
1145.03	0.025	195.3	0.0621				
1145.07	0.024	195.3	0.0604				
1145.10	0.023	195.2	0.0577				
1145.13	0.021	195.2	0.0577				
1145.17	0.02	195.2	0.0559				
1145.20	0.02	195.1	0.0533				
1145.23	0.018	194.9	0.0506				
1145.27	0.015	194.8	0.047				
1145.30	0.014	194.7	0.0444				
1145.33	0.012	194.5	0.0408				
1145.37	0.009	194.3	0.0408				
1145.40	0.007	194.3	0.0373				
1145.43	0.007	194.1	0.0346				
1145.47	0.006	193.9	0.0311				
1145.50	0.003	193.6	0.0257				
1145.53	0.001	193.4	0.0231				
1145.57	0	193.2	0.0186				
1145.60	-0.004	192.9	0.0186				
1145.63	-0.005	192.9	0.0142				
1145.67	-0.005	192.7	0.0115				
1145.72	-0.008	192.2	0.0071				
1145.75	-0.009	192.2	0.0053				
1145.77	-0.009	192	0.0027				
1145.80	-0.01	191.7	-0.0009				
1145.83	-0.012	191.4	-0.0036				
1145.87	-0.014	191.2	-0.0053				
1145.90	-0.014	191	-0.008				
1145.93	-0.015	190.8	-0.008				
1145.97	-0.016	190.6	-0.0098				
1146.00	-0.016	190.6	-0.0107				
1146.03	-0.017	190.5	-0.0115				
1146.07	-0.017	190.3	-0.0124				
1146.10	-0.017	190.2	-0.0133				
1146.13	-0.017	190	-0.0133				
1146.17	-0.017	189.9	-0.0133				
1146.20	-0.017	189.9	-0.0133				
1146.23	-0.017	189.9	-0.0133				
1146.27	-0.016	189.8	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1146.30	-0.015	189.8	-0.0115				
1146.33	-0.014	189.8	-0.0107				
1146.37	-0.014	189.8	-0.0089				
1146.40	-0.012	189.9	-0.0089				
1146.43	-0.01	189.9	-0.0071				
1146.47	-0.01	189.9	-0.0053				
1146.50	-0.009	190	-0.0027				
1146.53	-0.008	190.1	0				
1146.57	-0.005	190.3	0.0027				
1146.60	-0.004	190.4	0.0062				
1146.63	-0.002	190.6	0.0098				
1146.67	0.001	190.7	0.0098				
1146.70	0.001	190.7	0.0133				
1146.73	0.002	190.9	0.016				
1146.77	0.004	191.2	0.0195				
1146.80	0.007	191.4	0.0231				
1146.83	0.008	191.6	0.0275				
1146.87	0.01	191.9	0.032				
1146.90	0.013	192.1	0.032				
1146.93	0.014	192.1	0.0355				
1146.97	0.014	192.3	0.0391				
1147.00	0.016	192.6	0.0426				
1147.03	0.019	192.8	0.0462				
1147.07	0.02	193	0.0488				
1147.10	0.021	193.3	0.0524				
1147.13	0.024	193.6	0.0524				
1147.18	0.024	193.7	0.0568				
1147.22	0.025	193.9	0.0586				
1147.23	0.026	194.1	0.0586				
1147.27	0.027	194.1	0.0604				
1147.30	0.027	194.3	0.0621				
1147.33	0.027	194.5	0.0639				
1147.37	0.028	194.7	0.0648				
1147.40	0.029	194.8	0.0657				
1147.43	0.029	194.9	0.0657				
1147.47	0.029	195.1	0.0657				
1147.50	0.029	195.1	0.0657				
1147.53	0.029	195.1	0.0657				
1147.57	0.028	195.2	0.0657				
1147.60	0.028	195.3	0.0657				
1147.63	0.027	195.4	0.0639				
1147.67	0.026	195.4	0.0621				
1147.70	0.025	195.3	0.0621				
1147.73	0.023	195.3	0.0612				
1147.77	0.023	195.3	0.0595				
1147.80	0.022	195.2	0.0568				
1147.83	0.02	195.1	0.0541				
1147.87	0.018	195	0.0524				
1147.90	0.017	194.9	0.0497				
1147.93	0.015	194.7	0.0497				
1147.97	0.012	194.6	0.0462				
1148.00	0.012	194.6	0.0435				
1148.03	0.011	194.5	0.0399				
1148.07	0.009	194.2	0.0364				
1148.10	0.006	194	0.0328				
1148.13	0.005	193.8	0.0284				
1148.17	0.002	193.5	0.0284				
1148.20	0	193.3	0.024				
1148.23	0	193.3	0.0204				
1148.27	-0.001	193.1	0.0169				
1148.30	-0.003	192.8	0.0133				
1148.33	-0.006	192.5	0.0098				
1148.37	-0.007	192.3	0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1148.40	-0.009	192	0.0018				
1148.43	-0.011	191.7	0.0018				
1148.47	-0.011	191.7	-0.0009				
1148.50	-0.012	191.5	-0.0027				
1148.53	-0.013	191.3	-0.0053				
1148.57	-0.015	191	-0.0071				
1148.62	-0.015	190.9	-0.0089				
1148.65	-0.015	190.7	-0.0098				
1148.68	-0.017	190.5	-0.0115				
1148.70	-0.017	190.4	-0.0115				
1148.73	-0.017	190.2	-0.0124				
1148.77	-0.017	190.1	-0.0124				
1148.80	-0.017	190.1	-0.0133				
1148.83	-0.017	190	-0.0133				
1148.87	-0.017	189.9	-0.0133				
1148.90	-0.017	189.8	-0.0133				
1148.93	-0.016	189.8	-0.0124				
1148.97	-0.015	189.8	-0.0107				
1149.00	-0.014	189.8	-0.0107				
1149.03	-0.013	189.8	-0.0098				
1149.07	-0.013	189.8	-0.008				
1149.10	-0.012	189.8	-0.0062				
1149.13	-0.01	189.9	-0.0044				
1149.17	-0.009	190	-0.0027				
1149.20	-0.007	190.1	0.0009				
1149.23	-0.004	190.3	0.0009				
1149.27	-0.003	190.4	0.0036				
1149.30	-0.003	190.4	0.0062				
1149.33	-0.002	190.5	0.0098				
1149.37	0.001	190.8	0.0133				
1149.40	0.003	191	0.0169				
1149.43	0.005	191.2	0.0213				
1149.47	0.008	191.4	0.0213				
1149.50	0.01	191.7	0.0249				
1149.53	0.01	191.7	0.0293				
1149.57	0.011	191.9	0.0337				
1149.60	0.014	192.2	0.0373				
1149.63	0.016	192.4	0.0408				
1149.67	0.017	192.6	0.0435				
1149.70	0.019	192.9	0.0435				
1149.73	0.021	193.1	0.0479				
1149.77	0.021	193.1	0.0506				
1149.80	0.022	193.3	0.0533				
1149.83	0.023	193.6	0.0559				
1149.87	0.025	193.8	0.0586				
1149.90	0.026	194	0.0604				
1149.93	0.027	194.2	0.0604				
1149.97	0.028	194.4	0.0621				
1150.00	0.028	194.4	0.063				
1150.03	0.028	194.6	0.0648				
1150.08	0.029	194.9	0.0657				
1150.12	0.029	194.9	0.0657				
1150.13	0.029	195	0.0657				
1150.17	0.029	195.1	0.0657				
1150.20	0.029	195.2	0.0657				
1150.23	0.028	195.2	0.0657				
1150.27	0.028	195.3	0.0648				
1150.30	0.026	195.3	0.0648				
1150.33	0.025	195.3	0.0639				
1150.37	0.025	195.4	0.0621				
1150.40	0.025	195.3	0.0604				
1150.43	0.022	195.2	0.0586				
1150.47	0.022	195.2	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1150.50	0.02	195.1	0.0541				
1150.53	0.017	194.9	0.0541				
1150.57	0.016	194.9	0.0515				
1150.60	0.016	194.9	0.0488				
1150.63	0.015	194.7	0.0453				
1150.67	0.011	194.5	0.0417				
1150.70	0.01	194.4	0.0391				
1150.73	0.009	194.2	0.0346				
1150.77	0.005	193.9	0.0346				
1150.80	0.004	193.9	0.0311				
1150.83	0.004	193.7	0.0284				
1150.87	0.002	193.5	0.0231				
1150.90	-0.001	193.2	0.0195				
1150.93	-0.002	193	0.016				
1150.97	-0.004	192.7	0.0115				
1151.00	-0.007	192.4	0.0115				
1151.03	-0.008	192.4	0.0071				
1151.07	-0.008	192.2	0.0044				
1151.10	-0.009	192	0.0027				
1151.13	-0.011	191.7	-0.0009				
1151.17	-0.012	191.4	-0.0036				
1151.20	-0.013	191.3	-0.0053				
1151.23	-0.015	191	-0.0053				
1151.27	-0.016	190.8	-0.008				
1151.30	-0.016	190.8	-0.0089				
1151.33	-0.016	190.6	-0.0098				
1151.37	-0.017	190.5	-0.0115				
1151.40	-0.017	190.3	-0.0124				
1151.43	-0.017	190.2	-0.0133				
1151.47	-0.017	190	-0.0133				
1151.52	-0.017	189.9	-0.0133				
1151.55	-0.017	189.9	-0.0133				
1151.58	-0.017	189.8	-0.0124				
1151.60	-0.016	189.8	-0.0124				
1151.63	-0.015	189.8	-0.0115				
1151.67	-0.015	189.8	-0.0107				
1151.70	-0.014	189.8	-0.0089				
1151.73	-0.012	189.8	-0.0071				
1151.77	-0.011	189.9	-0.0062				
1151.80	-0.01	189.9	-0.0036				
1151.83	-0.008	190	-0.0036				
1151.87	-0.006	190	-0.0009				
1151.90	-0.006	190.2	0.0018				
1151.93	-0.005	190.3	0.0044				
1151.97	-0.002	190.5	0.008				
1152.00	-0.001	190.6	0.0107				
1152.03	0.001	190.8	0.0142				
1152.07	0.005	191.1	0.0142				
1152.10	0.005	191.1	0.0186				
1152.13	0.005	191.2	0.0222				
1152.17	0.007	191.5	0.0257				
1152.20	0.011	191.8	0.0311				
1152.23	0.012	191.9	0.0337				
1152.27	0.013	192.2	0.0382				
1152.30	0.017	192.5	0.0382				
1152.33	0.017	192.5	0.0417				
1152.37	0.017	192.7	0.0453				
1152.40	0.019	192.9	0.0488				
1152.43	0.022	193.2	0.0515				
1152.47	0.022	193.4	0.0541				
1152.50	0.023	193.6	0.0568				
1152.53	0.026	193.9	0.0568				
1152.57	0.026	193.9	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1152.60	0.026	194.1	0.0612				
1152.63	0.027	194.2	0.063				
1152.67	0.028	194.5	0.0639				
1152.70	0.028	194.6	0.0648				
1152.73	0.029	194.8	0.0657				
1152.77	0.029	194.9	0.0657				
1152.80	0.029	194.9	0.0657				
1152.83	0.029	195	0.0666				
1152.87	0.029	195.1	0.0666				
1152.90	0.028	195.2	0.0666				
1152.93	0.028	195.2	0.0657				
1152.98	0.027	195.3	0.0648				
1153.02	0.027	195.4	0.0639				
1153.03	0.025	195.3	0.0621				
1153.07	0.024	195.3	0.0604				
1153.10	0.023	195.2	0.0604				
1153.13	0.02	195.1	0.0586				
1153.17	0.02	195.1	0.0559				
1153.20	0.02	195.1	0.0533				
1153.23	0.017	194.9	0.0506				
1153.27	0.015	194.8	0.0479				
1153.30	0.014	194.7	0.0444				
1153.33	0.012	194.4	0.0408				
1153.37	0.009	194.2	0.0408				
1153.40	0.009	194.2	0.0373				
1153.43	0.007	194.1	0.0337				
1153.47	0.006	193.8	0.0302				
1153.50	0.002	193.6	0.0257				
1153.53	0.001	193.4	0.0222				
1153.57	0	193.1	0.0178				
1153.60	-0.004	192.8	0.0178				
1153.63	-0.004	192.8	0.0142				
1153.67	-0.005	192.6	0.0107				
1153.70	-0.006	192.3	0.0071				
1153.73	-0.009	192.1	0.0036				
1153.77	-0.009	191.9	0.0018				
1153.80	-0.011	191.6	-0.0018				
1153.83	-0.013	191.3	-0.0018				
1153.87	-0.014	191.3	-0.0044				
1153.90	-0.014	191.2	-0.0062				
1153.93	-0.015	190.9	-0.0089				
1153.97	-0.016	190.7	-0.0098				
1154.00	-0.016	190.5	-0.0107				
1154.03	-0.017	190.4	-0.0124				
1154.07	-0.018	190.2	-0.0124				
1154.10	-0.017	190.2	-0.0133				
1154.13	-0.017	190.1	-0.0133				
1154.17	-0.017	190	-0.0133				
1154.20	-0.017	189.9	-0.0133				
1154.23	-0.017	189.8	-0.0124				
1154.27	-0.016	189.8	-0.0115				
1154.30	-0.015	189.8	-0.0115				
1154.33	-0.014	189.8	-0.0107				
1154.37	-0.014	189.8	-0.0098				
1154.40	-0.013	189.8	-0.008				
1154.45	-0.011	189.9	-0.0062				
1154.48	-0.011	189.9	-0.0053				
1154.50	-0.009	190	-0.0027				
1154.53	-0.006	190.1	0				
1154.57	-0.006	190.2	0.0027				
1154.60	-0.004	190.4	0.0062				
1154.63	-0.001	190.6	0.0062				
1154.67	0	190.7	0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1154.70	0	190.7	0.0124				
1154.73	0.002	190.9	0.0169				
1154.77	0.005	191.2	0.0204				
1154.80	0.007	191.3	0.0231				
1154.83	0.008	191.5	0.0284				
1154.87	0.011	191.8	0.0284				
1154.90	0.013	192.1	0.032				
1154.93	0.013	192.1	0.0364				
1154.97	0.014	192.3	0.0399				
1155.00	0.017	192.6	0.0435				
1155.03	0.019	192.8	0.047				
1155.07	0.02	193	0.0497				
1155.10	0.022	193.3	0.0524				
1155.13	0.023	193.5	0.0524				
1155.17	0.023	193.5	0.055				
1155.20	0.024	193.7	0.0577				
1155.23	0.025	194	0.0604				
1155.27	0.027	194.2	0.0621				
1155.30	0.027	194.4	0.063				
1155.33	0.028	194.5	0.0648				
1155.37	0.029	194.7	0.0648				
1155.40	0.029	194.7	0.0657				
1155.43	0.029	194.8	0.0657				
1155.47	0.029	194.9	0.0657				
1155.50	0.029	195	0.0657				
1155.53	0.028	195.1	0.0666				
1155.57	0.028	195.2	0.0657				
1155.60	0.028	195.3	0.0657				
1155.63	0.026	195.3	0.0657				
1155.67	0.026	195.3	0.0639				
1155.70	0.026	195.3	0.0621				
1155.73	0.024	195.3	0.0604				
1155.77	0.023	195.2	0.0586				
1155.80	0.022	195.1	0.0568				
1155.83	0.019	195	0.0568				
1155.88	0.018	195	0.0524				
1155.92	0.017	194.9	0.0497				
1155.93	0.014	194.7	0.0497				
1155.97	0.013	194.7	0.047				
1156.00	0.013	194.6	0.0435				
1156.03	0.011	194.4	0.0399				
1156.07	0.008	194.2	0.0364				
1156.10	0.007	194	0.0337				
1156.13	0.006	193.8	0.0293				
1156.17	0.002	193.5	0.0293				
1156.20	0	193.3	0.024				
1156.23	0	193.3	0.0204				
1156.27	-0.001	193.1	0.016				
1156.30	-0.004	192.7	0.0124				
1156.33	-0.006	192.5	0.0098				
1156.37	-0.006	192.3	0.0062				
1156.40	-0.009	192	0.0062				
1156.43	-0.011	191.7	0.0027				
1156.47	-0.011	191.7	0				
1156.50	-0.012	191.5	-0.0027				
1156.53	-0.013	191.2	-0.0062				
1156.57	-0.015	191	-0.0071				
1156.60	-0.015	190.9	-0.0089				
1156.63	-0.016	190.7	-0.0089				
1156.67	-0.017	190.5	-0.0107				
1156.70	-0.017	190.5	-0.0124				
1156.73	-0.017	190.3	-0.0124				
1156.77	-0.017	190.2	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1156.80	-0.017	190.1	-0.0133				
1156.83	-0.017	190	-0.0133				
1156.87	-0.017	189.9	-0.0133				
1156.90	-0.016	189.8	-0.0133				
1156.93	-0.016	189.8	-0.0124				
1156.97	-0.016	189.8	-0.0124				
1157.00	-0.015	189.8	-0.0107				
1157.03	-0.013	189.8	-0.0089				
1157.07	-0.013	189.8	-0.008				
1157.10	-0.011	189.9	-0.0053				
1157.13	-0.009	190	-0.0053				
1157.17	-0.008	190	-0.0036				
1157.20	-0.008	190	-0.0009				
1157.23	-0.007	190.2	0.0018				
1157.27	-0.003	190.4	0.0053				
1157.30	-0.002	190.5	0.008				
1157.35	-0.001	190.7	0.0115				
1157.38	0.001	190.8	0.0133				
1157.40	0.002	191	0.0169				
1157.43	0.004	191.2	0.0204				
1157.47	0.008	191.5	0.0204				
1157.50	0.01	191.5	0.0249				
1157.53	0.01	191.7	0.0293				
1157.57	0.011	191.9	0.0328				
1157.60	0.014	192.2	0.0373				
1157.63	0.015	192.4	0.0399				
1157.67	0.017	192.6	0.0444				
1157.70	0.019	192.9	0.0444				
1157.73	0.021	193.2	0.0479				
1157.77	0.021	193.2	0.0506				
1157.80	0.022	193.4	0.0533				
1157.83	0.024	193.6	0.0559				
1157.87	0.025	193.8	0.0586				
1157.90	0.026	194	0.0604				
1157.93	0.026	194.2	0.0604				
1157.97	0.028	194.4	0.0612				
1158.00	0.028	194.4	0.0639				
1158.03	0.028	194.6	0.0648				
1158.07	0.028	194.7	0.0648				
1158.10	0.029	194.9	0.0657				
1158.13	0.029	195	0.0666				
1158.17	0.029	195.1	0.0666				
1158.20	0.029	195.2	0.0666				
1158.23	0.029	195.2	0.0657				
1158.27	0.028	195.3	0.0657				
1158.30	0.027	195.3	0.0639				
1158.33	0.026	195.3	0.063				
1158.37	0.025	195.3	0.0612				
1158.40	0.024	195.2	0.0612				
1158.43	0.022	195.2	0.0595				
1158.47	0.022	195.2	0.0577				
1158.50	0.021	195.1	0.055				
1158.53	0.019	195	0.0524				
1158.57	0.017	194.9	0.0506				
1158.60	0.015	194.8	0.047				
1158.63	0.013	194.5	0.0435				
1158.67	0.011	194.4	0.0435				
1158.70	0.011	194.4	0.0399				
1158.73	0.009	194.2	0.0373				
1158.78	0.006	193.8	0.0337				
1158.82	0.004	193.8	0.0311				
1158.85	0.004	193.7	0.0275				
1158.87	0.002	193.4	0.0231				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1158.90	-0.001	193.1	0.0186				
1158.93	-0.002	192.9	0.016				
1158.97	-0.004	192.6	0.0124				
1159.00	-0.006	192.4	0.0124				
1159.03	-0.007	192.4	0.008				
1159.07	-0.007	192.2	0.0053				
1159.10	-0.009	191.9	0.0018				
1159.13	-0.011	191.6	-0.0009				
1159.17	-0.012	191.4	-0.0036				
1159.20	-0.013	191.2	-0.0062				
1159.23	-0.015	190.9	-0.0062				
1159.27	-0.015	190.9	-0.008				
1159.30	-0.015	190.7	-0.0098				
1159.33	-0.016	190.6	-0.0107				
1159.37	-0.017	190.4	-0.0115				
1159.40	-0.017	190.2	-0.0124				
1159.43	-0.017	190.1	-0.0133				
1159.47	-0.017	190	-0.0133				
1159.50	-0.017	190	-0.0133				
1159.53	-0.017	189.9	-0.0133				
1159.57	-0.017	189.9	-0.0124				
1159.60	-0.016	189.8	-0.0115				
1159.63	-0.015	189.8	-0.0107				
1159.67	-0.015	189.8	-0.0098				
1159.70	-0.013	189.8	-0.0098				
1159.73	-0.012	189.8	-0.008				
1159.77	-0.012	189.8	-0.0062				
1159.80	-0.011	189.9	-0.0044				
1159.83	-0.008	190	-0.0018				
1159.87	-0.007	190.1	0				
1159.90	-0.006	190.2	0.0036				
1159.93	-0.003	190.4	0.0036				
1159.97	-0.001	190.4	0.0062				
1160.00	-0.001	190.6	0.0098				
1160.03	0	190.7	0.0133				
1160.07	0.004	191	0.0178				
1160.10	0.005	191.2	0.0204				
1160.13	0.006	191.4	0.024				
1160.17	0.01	191.6	0.024				
1160.20	0.011	191.6	0.0293				
1160.25	0.012	192.1	0.0355				
1160.28	0.014	192.3	0.0355				
1160.30	0.016	192.3	0.0382				
1160.33	0.016	192.5	0.0417				
1160.37	0.017	192.7	0.0462				
1160.40	0.02	193	0.0497				
1160.43	0.021	193.2	0.0515				
1160.47	0.022	193.5	0.055				
1160.50	0.024	193.7	0.055				
1160.53	0.025	193.9	0.0577				
1160.57	0.025	193.9	0.0595				
1160.60	0.026	194.1	0.0621				
1160.63	0.027	194.3	0.063				
1160.67	0.028	194.5	0.0648				
1160.70	0.028	194.7	0.0657				
1160.73	0.029	194.8	0.0657				
1160.77	0.029	194.9	0.0657				
1160.80	0.029	194.9	0.0666				
1160.83	0.029	195	0.0666				
1160.87	0.029	195.1	0.0666				
1160.90	0.029	195.2	0.0666				
1160.93	0.028	195.3	0.0657				
1160.97	0.027	195.3	0.0657				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1161.00	0.025	195.3	0.0639				
1161.03	0.025	195.3	0.063				
1161.07	0.025	195.3	0.0612				
1161.10	0.023	195.2	0.0595				
1161.13	0.021	195.1	0.0577				
1161.17	0.02	195.1	0.055				
1161.20	0.018	194.9	0.0515				
1161.23	0.016	194.8	0.0515				
1161.27	0.016	194.8	0.0497				
1161.30	0.015	194.7	0.0462				
1161.33	0.012	194.5	0.0426				
1161.37	0.01	194.3	0.0391				
1161.40	0.009	194.2	0.0355				
1161.43	0.007	193.9	0.0328				
1161.47	0.004	193.7	0.0328				
1161.50	0.002	193.7	0.0284				
1161.53	0.002	193.5	0.0249				
1161.57	0.001	193.2	0.0204				
1161.60	-0.003	192.9	0.016				
1161.63	-0.004	192.7	0.0133				
1161.68	-0.005	192.4	0.0089				
1161.72	-0.007	192.2	0.0071				
1161.75	-0.008	192	0.0044				
1161.77	-0.01	191.7	0.0009				
1161.80	-0.012	191.5	0.0009				
1161.83	-0.013	191.5	-0.0018				
1161.87	-0.013	191.3	-0.0044				
1161.90	-0.014	191	-0.0062				
1161.93	-0.015	190.8	-0.008				
1161.97	-0.016	190.6	-0.0098				
1162.00	-0.016	190.5	-0.0107				
1162.03	-0.017	190.3	-0.0107				
1162.07	-0.017	190.3	-0.0115				
1162.10	-0.017	190.2	-0.0124				
1162.13	-0.017	190	-0.0133				
1162.17	-0.017	189.9	-0.0133				
1162.20	-0.017	189.8	-0.0124				
1162.23	-0.016	189.8	-0.0124				
1162.27	-0.016	189.8	-0.0124				
1162.30	-0.015	189.8	-0.0115				
1162.33	-0.015	189.7	-0.0107				
1162.37	-0.014	189.7	-0.0089				
1162.40	-0.012	189.8	-0.0071				
1162.43	-0.011	189.8	-0.0053				
1162.47	-0.01	189.9	-0.0027				
1162.50	-0.007	190	-0.0027				
1162.53	-0.006	190.1	-0.0009				
1162.57	-0.006	190.1	0.0009				
1162.60	-0.005	190.2	0.0044				
1162.63	-0.002	190.5	0.008				
1162.67	-0.001	190.6	0.0107				
1162.70	0.001	190.8	0.0151				
1162.73	0.004	191	0.0151				
1162.77	0.006	191.2	0.0186				
1162.80	0.006	191.2	0.0222				
1162.83	0.007	191.4	0.0257				
1162.87	0.01	191.7	0.0311				
1162.90	0.012	191.9	0.0346				
1162.93	0.013	192.1	0.0382				
1162.97	0.016	192.4	0.0417				
1163.00	0.018	192.7	0.0417				
1163.03	0.018	192.7	0.0453				
1163.07	0.019	192.9	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1163.10	0.021	193.2	0.0524				
1163.15	0.023	193.4	0.0541				
1163.18	0.023	193.6	0.0559				
1163.20	0.024	193.8	0.0586				
1163.23	0.026	194	0.0604				
1163.27	0.027	194.2	0.0621				
1163.30	0.027	194.4	0.063				
1163.33	0.028	194.5	0.063				
1163.37	0.028	194.5	0.0648				
1163.40	0.028	194.7	0.0657				
1163.43	0.029	194.8	0.0666				
1163.47	0.029	195	0.0666				
1163.50	0.029	195.1	0.0666				
1163.53	0.029	195.2	0.0666				
1163.57	0.028	195.2	0.0666				
1163.60	0.027	195.2	0.0666				
1163.63	0.027	195.3	0.0648				
1163.67	0.026	195.3	0.0639				
1163.70	0.025	195.3	0.0621				
1163.73	0.024	195.3	0.0612				
1163.77	0.023	195.2	0.0586				
1163.80	0.02	195.1	0.0586				
1163.83	0.019	195.1	0.0559				
1163.87	0.019	195	0.0541				
1163.90	0.018	194.9	0.0506				
1163.93	0.015	194.8	0.0479				
1163.97	0.014	194.6	0.0462				
1164.00	0.012	194.5	0.0417				
1164.03	0.009	194.3	0.0417				
1164.07	0.007	194.1	0.0382				
1164.10	0.007	194.1	0.0355				
1164.13	0.006	193.9	0.0311				
1164.17	0.003	193.6	0.0275				
1164.20	0.001	193.4	0.0222				
1164.23	0	193.2	0.0186				
1164.27	-0.002	192.9	0.0186				
1164.30	-0.005	192.6	0.0151				
1164.33	-0.005	192.6	0.0115				
1164.37	-0.006	192.4	0.008				
1164.40	-0.008	192.1	0.0044				
1164.43	-0.01	191.8	0.0018				
1164.47	-0.011	191.6	-0.0018				
1164.50	-0.013	191.3	-0.0018				
1164.53	-0.014	191.1	-0.0044				
1164.57	-0.014	191.1	-0.0062				
1164.62	-0.016	190.7	-0.0098				
1164.65	-0.016	190.6	-0.0098				
1164.67	-0.016	190.6	-0.0107				
1164.70	-0.016	190.4	-0.0107				
1164.73	-0.017	190.2	-0.0115				
1164.77	-0.017	190.1	-0.0124				
1164.80	-0.017	190	-0.0133				
1164.83	-0.017	189.9	-0.0133				
1164.87	-0.016	189.8	-0.0133				
1164.90	-0.016	189.8	-0.0124				
1164.93	-0.016	189.8	-0.0115				
1164.97	-0.016	189.7	-0.0115				
1165.00	-0.015	189.7	-0.0107				
1165.03	-0.014	189.7	-0.0089				
1165.07	-0.013	189.8	-0.0062				
1165.10	-0.01	189.9	-0.0062				
1165.13	-0.009	189.9	-0.0044				
1165.17	-0.009	189.9	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1165.20	-0.008	190.1	0				
1165.23	-0.005	190.2	0.0027				
1165.27	-0.004	190.3	0.0053				
1165.30	-0.003	190.5	0.0089				
1165.33	0.001	190.7	0.0089				
1165.37	0.002	190.7	0.0124				
1165.40	0.002	190.8	0.016				
1165.43	0.004	191	0.0195				
1165.47	0.007	191.3	0.024				
1165.50	0.008	191.5	0.0275				
1165.53	0.01	191.7	0.032				
1165.57	0.013	192	0.032				
1165.60	0.015	192.2	0.0364				
1165.63	0.015	192.2	0.0391				
1165.67	0.016	192.5	0.0426				
1165.70	0.019	192.8	0.0462				
1165.73	0.02	193	0.0488				
1165.77	0.021	193.2	0.0524				
1165.80	0.023	193.5	0.0524				
1165.83	0.024	193.7	0.055				
1165.87	0.024	193.7	0.0577				
1165.90	0.025	193.9	0.0595				
1165.93	0.026	194.1	0.0621				
1165.97	0.028	194.3	0.063				
1166.00	0.028	194.5	0.0648				
1166.05	0.028	194.6	0.0657				
1166.08	0.029	194.8	0.0657				
1166.12	0.029	194.9	0.0666				
1166.13	0.029	195	0.0666				
1166.17	0.029	195.1	0.0666				
1166.20	0.028	195.1	0.0666				
1166.23	0.028	195.2	0.0666				
1166.27	0.028	195.3	0.0657				
1166.30	0.027	195.3	0.0648				
1166.33	0.026	195.3	0.0639				
1166.37	0.025	195.3	0.0621				
1166.40	0.023	195.2	0.0621				
1166.43	0.022	195.2	0.0595				
1166.47	0.022	195.2	0.0586				
1166.50	0.021	195.1	0.0559				
1166.53	0.018	195	0.0533				
1166.57	0.017	194.9	0.0506				
1166.60	0.016	194.8	0.0479				
1166.63	0.012	194.6	0.0479				
1166.67	0.011	194.6	0.0444				
1166.70	0.011	194.4	0.0417				
1166.73	0.01	194.3	0.0382				
1166.77	0.006	194	0.0337				
1166.80	0.005	193.8	0.0302				
1166.83	0.003	193.6	0.0257				
1166.87	0	193.3	0.0257				
1166.90	-0.001	193.1	0.0213				
1166.93	-0.001	193.1	0.0178				
1166.97	-0.003	192.8	0.0142				
1167.00	-0.005	192.5	0.0107				
1167.03	-0.007	192.3	0.0071				
1167.07	-0.008	192.1	0.0036				
1167.10	-0.01	191.7	0.0036				
1167.13	-0.012	191.5	0				
1167.17	-0.012	191.5	-0.0027				
1167.20	-0.013	191.3	-0.0044				
1167.23	-0.014	191	-0.0071				
1167.27	-0.015	190.8	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1167.30	-0.016	190.6	-0.0098				
1167.33	-0.016	190.5	-0.0107				
1167.37	-0.017	190.3	-0.0107				
1167.40	-0.017	190.3	-0.0124				
1167.43	-0.017	190.2	-0.0124				
1167.47	-0.017	190.1	-0.0124				
1167.52	-0.017	189.9	-0.0124				
1167.55	-0.017	189.9	-0.0124				
1167.57	-0.017	189.8	-0.0124				
1167.60	-0.016	189.7	-0.0115				
1167.63	-0.015	189.7	-0.0107				
1167.67	-0.015	189.7	-0.0098				
1167.70	-0.012	189.7	-0.0098				
1167.73	-0.012	189.7	-0.008				
1167.77	-0.012	189.8	-0.0062				
1167.80	-0.011	189.9	-0.0044				
1167.83	-0.008	190	-0.0018				
1167.87	-0.007	190	0				
1167.90	-0.006	190.2	0.0036				
1167.93	-0.003	190.4	0.0036				
1167.97	-0.002	190.4	0.0071				
1168.00	-0.002	190.5	0.0107				
1168.03	0	190.7	0.0133				
1168.07	0.003	190.9	0.0169				
1168.10	0.005	191.2	0.0204				
1168.13	0.006	191.3	0.0249				
1168.17	0.01	191.6	0.0249				
1168.20	0.011	191.8	0.0293				
1168.23	0.011	191.8	0.0328				
1168.27	0.012	192	0.0364				
1168.30	0.016	192.3	0.0408				
1168.33	0.017	192.5	0.0435				
1168.37	0.018	192.8	0.0479				
1168.40	0.021	193.1	0.0479				
1168.43	0.022	193.3	0.0506				
1168.47	0.022	193.3	0.0533				
1168.50	0.023	193.5	0.0559				
1168.53	0.025	193.8	0.0586				
1168.57	0.026	194	0.0604				
1168.60	0.026	194.1	0.0621				
1168.63	0.027	194.4	0.0621				
1168.67	0.028	194.5	0.0639				
1168.70	0.028	194.5	0.0648				
1168.73	0.028	194.7	0.0657				
1168.77	0.029	194.8	0.0657				
1168.80	0.029	194.9	0.0666				
1168.83	0.029	195	0.0666				
1168.87	0.029	195.1	0.0666				
1168.90	0.028	195.2	0.0666				
1168.95	0.027	195.2	0.0657				
1168.98	0.027	195.3	0.0648				
1169.02	0.025	195.3	0.0648				
1169.03	0.024	195.3	0.063				
1169.07	0.024	195.3	0.0612				
1169.10	0.024	195.2	0.0595				
1169.13	0.021	195.1	0.0577				
1169.17	0.02	195.1	0.0559				
1169.20	0.019	195	0.0524				
1169.23	0.016	194.8	0.0524				
1169.27	0.015	194.8	0.0497				
1169.30	0.015	194.7	0.047				
1169.33	0.013	194.5	0.0435				
1169.37	0.01	194.3	0.0399				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1169.40	0.009	194.2	0.0373				
1169.43	0.007	193.9	0.032				
1169.47	0.004	193.7	0.032				
1169.50	0.002	193.7	0.0284				
1169.53	0.002	193.5	0.024				
1169.57	0.001	193.2	0.0204				
1169.60	-0.003	192.9	0.016				
1169.63	-0.004	192.7	0.0133				
1169.67	-0.005	192.5	0.0098				
1169.70	-0.008	192.2	0.0098				
1169.73	-0.009	192.2	0.0053				
1169.77	-0.009	192	0.0036				
1169.80	-0.01	191.7	0				
1169.83	-0.013	191.4	-0.0027				
1169.87	-0.013	191.2	-0.0053				
1169.90	-0.014	191	-0.0071				
1169.93	-0.015	190.8	-0.0071				
1169.97	-0.016	190.8	-0.0089				
1170.00	-0.016	190.6	-0.0107				
1170.03	-0.016	190.4	-0.0115				
1170.07	-0.017	190.3	-0.0124				
1170.10	-0.017	190.1	-0.0124				
1170.13	-0.017	190	-0.0124				
1170.17	-0.017	189.9	-0.0124				
1170.20	-0.017	189.8	-0.0124				
1170.23	-0.017	189.8	-0.0124				
1170.27	-0.016	189.8	-0.0115				
1170.30	-0.016	189.8	-0.0115				
1170.33	-0.014	189.8	-0.0098				
1170.37	-0.014	189.7	-0.008				
1170.42	-0.012	189.8	-0.0062				
1170.45	-0.011	189.8	-0.0053				
1170.47	-0.01	189.9	-0.0036				
1170.50	-0.009	190	-0.0009				
1170.53	-0.006	190.2	-0.0009				
1170.57	-0.005	190.2	0.0018				
1170.60	-0.005	190.3	0.0044				
1170.63	-0.003	190.5	0.008				
1170.67	0	190.6	0.0115				
1170.70	0.001	190.8	0.0142				
1170.73	0.003	191	0.0186				
1170.77	0.006	191.2	0.0186				
1170.80	0.007	191.2	0.0222				
1170.83	0.007	191.4	0.0257				
1170.87	0.009	191.7	0.0302				
1170.90	0.013	191.9	0.0346				
1170.93	0.013	192.1	0.0382				
1170.97	0.015	192.4	0.0417				
1171.00	0.018	192.7	0.0417				
1171.03	0.019	192.7	0.0453				
1171.07	0.019	192.9	0.0479				
1171.10	0.02	193.2	0.0515				
1171.13	0.023	193.4	0.055				
1171.17	0.024	193.6	0.0568				
1171.20	0.025	193.8	0.0595				
1171.23	0.026	194	0.0595				
1171.27	0.027	194	0.0612				
1171.30	0.027	194.2	0.063				
1171.33	0.027	194.4	0.0639				
1171.37	0.029	194.6	0.0657				
1171.40	0.029	194.7	0.0657				
1171.43	0.029	194.9	0.0666				
1171.47	0.029	195	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1171.50	0.029	195	0.0666				
1171.53	0.029	195.1	0.0666				
1171.57	0.029	195.2	0.0666				
1171.60	0.028	195.2	0.0666				
1171.63	0.027	195.2	0.0648				
1171.67	0.026	195.3	0.063				
1171.70	0.024	195.2	0.063				
1171.73	0.023	195.2	0.0612				
1171.77	0.023	195.2	0.0604				
1171.80	0.022	195.2	0.0577				
1171.83	0.021	195.1	0.0559				
1171.88	0.018	195	0.0533				
1171.92	0.018	194.9	0.0515				
1171.93	0.016	194.7	0.0488				
1171.97	0.013	194.6	0.0453				
1172.00	0.013	194.5	0.0426				
1172.03	0.01	194.2	0.0426				
1172.07	0.007	194	0.0382				
1172.10	0.007	194	0.0346				
1172.13	0.006	193.9	0.0311				
1172.17	0.003	193.6	0.0275				
1172.20	0.001	193.4	0.0231				
1172.23	0	193.2	0.0195				
1172.27	-0.003	192.8	0.0195				
1172.30	-0.005	192.6	0.0151				
1172.33	-0.005	192.6	0.0115				
1172.37	-0.006	192.4	0.0089				
1172.40	-0.008	192.1	0.0044				
1172.43	-0.01	191.8	0.0018				
1172.47	-0.011	191.6	-0.0009				
1172.50	-0.012	191.3	-0.0036				
1172.53	-0.014	191.1	-0.0036				
1172.57	-0.014	191.1	-0.0053				
1172.60	-0.014	190.9	-0.0071				
1172.63	-0.015	190.7	-0.0089				
1172.67	-0.017	190.5	-0.0107				
1172.70	-0.017	190.4	-0.0115				
1172.73	-0.017	190.2	-0.0124				
1172.77	-0.017	190.1	-0.0124				
1172.80	-0.017	190.1	-0.0124				
1172.83	-0.017	190	-0.0124				
1172.87	-0.017	189.9	-0.0124				
1172.90	-0.017	189.8	-0.0124				
1172.93	-0.016	189.8	-0.0115				
1172.97	-0.015	189.7	-0.0107				
1173.00	-0.014	189.8	-0.0107				
1173.03	-0.013	189.8	-0.0089				
1173.07	-0.013	189.8	-0.0071				
1173.10	-0.012	189.8	-0.0053				
1173.13	-0.01	189.9	-0.0036				
1173.17	-0.009	190	-0.0009				
1173.20	-0.007	190.1	0.0018				
1173.23	-0.004	190.3	0.0018				
1173.27	-0.003	190.3	0.0044				
1173.32	-0.002	190.5	0.0089				
1173.35	0	190.7	0.0089				
1173.37	0.002	190.9	0.0115				
1173.40	0.002	190.9	0.0151				
1173.43	0.003	191	0.0195				
1173.47	0.007	191.3	0.024				
1173.50	0.009	191.5	0.0284				
1173.53	0.01	191.7	0.032				
1173.57	0.013	192	0.032				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1173.60	0.015	192.3	0.0364				
1173.63	0.015	192.3	0.0399				
1173.67	0.016	192.5	0.0435				
1173.70	0.019	192.8	0.047				
1173.73	0.02	193	0.0497				
1173.77	0.021	193.2	0.0524				
1173.80	0.023	193.5	0.0524				
1173.83	0.024	193.7	0.055				
1173.87	0.024	193.7	0.0577				
1173.90	0.025	193.9	0.0604				
1173.93	0.026	194.1	0.0621				
1173.97	0.027	194.3	0.0639				
1174.00	0.028	194.5	0.0648				
1174.03	0.028	194.6	0.0657				
1174.07	0.029	194.8	0.0657				
1174.10	0.029	194.8	0.0666				
1174.13	0.029	194.9	0.0666				
1174.17	0.029	195	0.0666				
1174.20	0.029	195.1	0.0666				
1174.23	0.029	195.2	0.0666				
1174.27	0.028	195.2	0.0657				
1174.30	0.026	195.2	0.0657				
1174.33	0.026	195.2	0.0648				
1174.37	0.025	195.3	0.0621				
1174.40	0.024	195.2	0.0612				
1174.43	0.022	195.2	0.0595				
1174.47	0.022	195.1	0.0577				
1174.50	0.02	195	0.055				
1174.53	0.017	194.9	0.055				
1174.57	0.017	194.9	0.0515				
1174.60	0.017	194.8	0.0497				
1174.63	0.015	194.6	0.0462				
1174.67	0.011	194.4	0.0426				
1174.70	0.01	194.3	0.0399				
1174.73	0.009	194.1	0.0355				
1174.78	0.005	193.8	0.032				
1174.82	0.005	193.7	0.0302				
1174.83	0.003	193.5	0.0257				
1174.87	0	193.2	0.0257				
1174.90	-0.001	193.2	0.0213				
1174.93	-0.001	193	0.0178				
1174.97	-0.002	192.8	0.0142				
1175.00	-0.006	192.4	0.0107				
1175.03	-0.007	192.2	0.008				
1175.07	-0.008	192	0.0036				
1175.10	-0.011	191.7	0.0036				
1175.13	-0.012	191.5	0.0009				
1175.17	-0.012	191.5	-0.0018				
1175.20	-0.013	191.3	-0.0036				
1175.23	-0.014	191	-0.0062				
1175.27	-0.015	190.8	-0.008				
1175.30	-0.016	190.6	-0.0098				
1175.33	-0.016	190.4	-0.0107				
1175.37	-0.017	190.3	-0.0107				
1175.40	-0.017	190.3	-0.0115				
1175.43	-0.017	190.1	-0.0124				
1175.47	-0.017	190	-0.0124				
1175.50	-0.017	189.9	-0.0124				
1175.53	-0.017	189.8	-0.0124				
1175.57	-0.016	189.8	-0.0115				
1175.60	-0.015	189.7	-0.0115				
1175.63	-0.015	189.7	-0.0107				
1175.67	-0.015	189.7	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1175.70	-0.014	189.8	-0.008				
1175.73	-0.012	189.8	-0.0062				
1175.77	-0.011	189.8	-0.0053				
1175.80	-0.011	189.9	-0.0036				
1175.83	-0.007	190	-0.0036				
1175.87	-0.006	190	0				
1175.90	-0.006	190.1	0.0027				
1175.93	-0.005	190.3	0.0053				
1175.97	-0.002	190.4	0.0089				
1176.00	-0.001	190.6	0.0115				
1176.03	0.001	190.8	0.0151				
1176.07	0.005	191	0.0151				
1176.10	0.005	191	0.0195				
1176.13	0.005	191.2	0.0222				
1176.17	0.007	191.5	0.0275				
1176.22	0.011	191.7	0.032				
1176.25	0.011	191.9	0.0337				
1176.28	0.013	192.1	0.0373				
1176.30	0.016	192.4	0.0417				
1176.33	0.017	192.6	0.0444				
1176.37	0.018	192.9	0.0479				
1176.40	0.021	193.1	0.0479				
1176.43	0.022	193.1	0.0515				
1176.47	0.022	193.3	0.0533				
1176.50	0.023	193.6	0.0559				
1176.53	0.025	193.8	0.0586				
1176.57	0.026	194	0.0604				
1176.60	0.026	194.2	0.063				
1176.63	0.027	194.4	0.063				
1176.67	0.028	194.4	0.0639				
1176.70	0.028	194.5	0.0648				
1176.73	0.029	194.7	0.0666				
1176.77	0.029	194.8	0.0666				
1176.80	0.029	195	0.0666				
1176.83	0.029	195.1	0.0666				
1176.87	0.028	195.2	0.0666				
1176.90	0.028	195.2	0.0666				
1176.93	0.028	195.2	0.0666				
1176.97	0.027	195.3	0.0657				
1177.00	0.026	195.3	0.0639				
1177.03	0.025	195.3	0.063				
1177.07	0.024	195.3	0.0612				
1177.10	0.022	195.2	0.0612				
1177.13	0.02	195.1	0.0586				
1177.17	0.02	195.1	0.0568				
1177.20	0.02	195	0.0541				
1177.23	0.017	194.9	0.0515				
1177.27	0.015	194.8	0.0488				
1177.30	0.014	194.6	0.0453				
1177.33	0.011	194.4	0.0453				
1177.37	0.009	194.2	0.0417				
1177.40	0.009	194.2	0.0391				
1177.43	0.008	194.1	0.0346				
1177.47	0.005	193.8	0.0311				
1177.50	0.003	193.6	0.0275				
1177.53	0.002	193.4	0.0231				
1177.57	-0.001	193	0.0231				
1177.60	-0.003	192.8	0.0186				
1177.63	-0.003	192.8	0.0151				
1177.68	-0.006	192.4	0.0089				
1177.72	-0.008	192.1	0.0089				
1177.73	-0.008	192.1	0.0062				
1177.77	-0.009	191.9	0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1177.80	-0.011	191.6	-0.0009				
1177.83	-0.013	191.4	-0.0027				
1177.87	-0.013	191.2	-0.0053				
1177.90	-0.014	191	-0.0071				
1177.93	-0.016	190.7	-0.0071				
1177.97	-0.016	190.7	-0.0089				
1178.00	-0.016	190.6	-0.0098				
1178.03	-0.016	190.4	-0.0115				
1178.07	-0.017	190.2	-0.0115				
1178.10	-0.017	190.1	-0.0124				
1178.13	-0.017	190	-0.0124				
1178.17	-0.017	189.9	-0.0124				
1178.20	-0.017	189.9	-0.0124				
1178.23	-0.017	189.8	-0.0124				
1178.27	-0.016	189.8	-0.0107				
1178.30	-0.015	189.7	-0.0098				
1178.33	-0.014	189.7	-0.0089				
1178.37	-0.014	189.8	-0.008				
1178.40	-0.012	189.8	-0.008				
1178.43	-0.011	189.8	-0.0062				
1178.47	-0.011	189.8	-0.0044				
1178.50	-0.01	190	-0.0018				
1178.53	-0.006	190.1	0.0018				
1178.57	-0.006	190.2	0.0044				
1178.60	-0.004	190.3	0.0071				
1178.63	-0.001	190.5	0.0071				
1178.67	0	190.5	0.0107				
1178.70	0	190.7	0.0133				
1178.73	0.002	190.9	0.0169				
1178.77	0.005	191.2	0.0213				
1178.80	0.006	191.3	0.0249				
1178.83	0.008	191.6	0.0293				
1178.87	0.012	191.9	0.0293				
1178.90	0.013	191.9	0.0337				
1178.93	0.013	192	0.0364				
1178.97	0.014	192.3	0.0408				
1179.00	0.017	192.6	0.0444				
1179.03	0.018	192.8	0.047				
1179.07	0.02	193	0.0506				
1179.12	0.022	193.3	0.0541				
1179.15	0.023	193.5	0.055				
1179.18	0.023	193.7	0.0577				
1179.20	0.026	193.9	0.0577				
1179.23	0.026	193.9	0.0604				
1179.27	0.026	194.1	0.0612				
1179.30	0.027	194.3	0.063				
1179.33	0.028	194.5	0.0648				
1179.37	0.029	194.6	0.0657				
1179.40	0.029	194.8	0.0666				
1179.43	0.029	194.9	0.0666				
1179.47	0.028	195	0.0666				
1179.50	0.028	195	0.0666				
1179.53	0.029	195.1	0.0675				
1179.57	0.028	195.2	0.0675				
1179.60	0.028	195.3	0.0666				
1179.63	0.027	195.3	0.0657				
1179.67	0.026	195.2	0.063				
1179.70	0.024	195.2	0.063				
1179.73	0.024	195.2	0.0612				
1179.77	0.023	195.2	0.0604				
1179.80	0.022	195.1	0.0586				
1179.83	0.02	195.1	0.0559				
1179.87	0.019	195	0.0533				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1179.90	0.017	194.8	0.0506				
1179.93	0.014	194.7	0.0506				
1179.97	0.013	194.7	0.047				
1180.00	0.013	194.6	0.0444				
1180.03	0.011	194.3	0.0408				
1180.07	0.007	194.1	0.0364				
1180.10	0.007	194	0.0337				
1180.13	0.005	193.7	0.0302				
1180.17	0.001	193.5	0.0302				
1180.20	0.001	193.5	0.0249				
1180.23	0.001	193.3	0.0222				
1180.27	-0.001	192.9	0.0178				
1180.30	-0.004	192.7	0.0142				
1180.33	-0.005	192.5	0.0098				
1180.37	-0.007	192.2	0.0071				
1180.40	-0.01	191.9	0.0071				
1180.43	-0.011	191.9	0.0027				
1180.47	-0.011	191.7	0.0009				
1180.50	-0.012	191.5	-0.0018				
1180.53	-0.014	191.2	-0.0044				
1180.58	-0.014	191	-0.0062				
1180.62	-0.014	190.8	-0.0071				
1180.63	-0.016	190.6	-0.0089				
1180.67	-0.016	190.5	-0.0098				
1180.70	-0.017	190.3	-0.0115				
1180.73	-0.017	190.2	-0.0115				
1180.77	-0.017	190.2	-0.0124				
1180.80	-0.017	190	-0.0124				
1180.83	-0.017	189.9	-0.0124				
1180.87	-0.017	189.8	-0.0115				
1180.90	-0.017	189.8	-0.0115				
1180.93	-0.016	189.8	-0.0107				
1180.97	-0.015	189.7	-0.0107				
1181.00	-0.014	189.7	-0.0098				
1181.03	-0.014	189.7	-0.0089				
1181.07	-0.013	189.8	-0.0071				
1181.10	-0.011	189.8	-0.0053				
1181.13	-0.01	189.9	-0.0027				
1181.17	-0.009	190	0				
1181.20	-0.006	190.1	0				
1181.23	-0.005	190.1	0.0027				
1181.27	-0.005	190.2	0.0044				
1181.30	-0.004	190.5	0.0089				
1181.33	0	190.6	0.0124				
1181.37	0.001	190.8	0.0151				
1181.40	0.003	191	0.0186				
1181.43	0.006	191.2	0.0186				
1181.47	0.007	191.2	0.0231				
1181.50	0.007	191.4	0.0275				
1181.53	0.009	191.6	0.0311				
1181.57	0.012	191.9	0.0355				
1181.60	0.013	192.1	0.0382				
1181.63	0.015	192.4	0.0426				
1181.67	0.019	192.7	0.0426				
1181.70	0.019	192.7	0.0462				
1181.73	0.019	192.9	0.0488				
1181.77	0.02	193.1	0.0524				
1181.80	0.023	193.4	0.0559				
1181.83	0.024	193.6	0.0577				
1181.87	0.025	193.8	0.0604				
1181.90	0.026	194	0.0604				
1181.93	0.027	194	0.0621				
1181.97	0.027	194.2	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1182.00	0.027	194.4	0.0648				
1182.05	0.029	194.7	0.0657				
1182.08	0.029	194.7	0.0666				
1182.10	0.029	194.8	0.0675				
1182.13	0.029	195	0.0675				
1182.17	0.029	195.1	0.0675				
1182.20	0.028	195.2	0.0675				
1182.23	0.028	195.2	0.0675				
1182.27	0.027	195.3	0.0675				
1182.30	0.027	195.3	0.0657				
1182.33	0.027	195.3	0.0648				
1182.37	0.026	195.3	0.063				
1182.40	0.023	195.2	0.0612				
1182.43	0.023	195.2	0.0595				
1182.47	0.022	195.1	0.0577				
1182.50	0.019	195	0.0577				
1182.53	0.018	195	0.055				
1182.57	0.018	195	0.0524				
1182.60	0.016	194.8	0.0488				
1182.63	0.013	194.6	0.0462				
1182.67	0.012	194.5	0.0435				
1182.70	0.011	194.2	0.0391				
1182.73	0.007	194	0.0391				
1182.77	0.006	194	0.0355				
1182.80	0.006	193.9	0.0328				
1182.83	0.004	193.6	0.0284				
1182.87	0.001	193.4	0.024				
1182.90	0	193.2	0.0204				
1182.93	-0.002	192.9	0.016				
1182.97	-0.005	192.6	0.016				
1183.00	-0.006	192.6	0.0115				
1183.03	-0.006	192.4	0.0098				
1183.07	-0.007	192.1	0.0053				
1183.10	-0.01	191.8	0.0018				
1183.13	-0.011	191.6	0				
1183.17	-0.012	191.4	-0.0027				
1183.20	-0.014	191.1	-0.0027				
1183.23	-0.015	191.1	-0.0053				
1183.27	-0.015	190.9	-0.0071				
1183.30	-0.015	190.7	-0.008				
1183.33	-0.016	190.6	-0.0089				
1183.37	-0.017	190.4	-0.0107				
1183.40	-0.017	190.2	-0.0115				
1183.43	-0.017	190.1	-0.0115				
1183.48	-0.017	190	-0.0115				
1183.52	-0.017	189.9	-0.0115				
1183.55	-0.017	189.8	-0.0115				
1183.57	-0.016	189.8	-0.0115				
1183.60	-0.016	189.8	-0.0115				
1183.63	-0.016	189.7	-0.0098				
1183.67	-0.014	189.7	-0.0089				
1183.70	-0.013	189.8	-0.008				
1183.73	-0.013	189.8	-0.0062				
1183.77	-0.011	189.9	-0.0062				
1183.80	-0.009	189.9	-0.0036				
1183.83	-0.009	189.9	-0.0018				
1183.87	-0.008	190	0				
1183.90	-0.005	190.2	0.0036				
1183.93	-0.004	190.3	0.0062				
1183.97	-0.003	190.4	0.0098				
1184.00	0	190.7	0.0098				
1184.03	0.002	190.9	0.0133				
1184.07	0.002	190.9	0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1184.10	0.004	191	0.0204				
1184.13	0.007	191.3	0.0249				
1184.17	0.009	191.5	0.0293				
1184.20	0.01	191.7	0.0328				
1184.23	0.013	192	0.0328				
1184.27	0.015	192.3	0.0373				
1184.30	0.015	192.3	0.0399				
1184.33	0.016	192.5	0.0435				
1184.37	0.018	192.8	0.0479				
1184.40	0.02	193	0.0506				
1184.43	0.021	193.2	0.0533				
1184.47	0.022	193.5	0.0559				
1184.50	0.025	193.7	0.0559				
1184.53	0.025	193.7	0.0586				
1184.57	0.026	193.9	0.0612				
1184.60	0.027	194.1	0.063				
1184.63	0.027	194.3	0.0639				
1184.67	0.027	194.5	0.0657				
1184.70	0.028	194.7	0.0666				
1184.73	0.029	194.8	0.0666				
1184.77	0.029	194.8	0.0675				
1184.80	0.029	194.9	0.0675				
1184.83	0.029	195	0.0675				
1184.87	0.029	195.1	0.0675				
1184.90	0.028	195.2	0.0666				
1184.95	0.028	195.2	0.0666				
1184.98	0.027	195.3	0.0657				
1185.00	0.026	195.3	0.0639				
1185.03	0.025	195.3	0.063				
1185.07	0.023	195.2	0.063				
1185.10	0.022	195.2	0.0612				
1185.13	0.022	195.2	0.0595				
1185.17	0.021	195.1	0.0568				
1185.20	0.018	195	0.0541				
1185.23	0.017	194.9	0.0515				
1185.27	0.016	194.7	0.0479				
1185.30	0.012	194.5	0.0479				
1185.33	0.011	194.5	0.0444				
1185.37	0.011	194.4	0.0417				
1185.40	0.01	194.2	0.0382				
1185.43	0.006	194	0.0337				
1185.47	0.005	193.8	0.0311				
1185.50	0.003	193.6	0.0275				
1185.53	0	193.3	0.0275				
1185.57	-0.001	193.3	0.0222				
1185.60	-0.001	193.1	0.0186				
1185.63	-0.003	192.8	0.0151				
1185.67	-0.006	192.5	0.0107				
1185.70	-0.007	192.3	0.008				
1185.73	-0.008	192.1	0.0053				
1185.77	-0.011	191.8	0.0053				
1185.80	-0.012	191.5	0.0018				
1185.83	-0.012	191.5	-0.0009				
1185.87	-0.012	191.3	-0.0036				
1185.90	-0.014	191.1	-0.0062				
1185.93	-0.015	190.8	-0.008				
1185.97	-0.016	190.7	-0.0089				
1186.00	-0.016	190.5	-0.0089				
1186.03	-0.017	190.3	-0.0107				
1186.07	-0.017	190.3	-0.0107				
1186.10	-0.017	190.2	-0.0115				
1186.13	-0.017	190	-0.0115				
1186.17	-0.017	189.9	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1186.20	-0.017	189.9	-0.0115				
1186.23	-0.016	189.8	-0.0115				
1186.27	-0.015	189.8	-0.0107				
1186.30	-0.015	189.8	-0.0107				
1186.33	-0.015	189.8	-0.0089				
1186.38	-0.013	189.8	-0.008				
1186.42	-0.012	189.8	-0.0071				
1186.45	-0.012	189.8	-0.0053				
1186.47	-0.011	189.9	-0.0036				
1186.50	-0.008	190	-0.0009				
1186.53	-0.007	190.1	0.0009				
1186.57	-0.006	190.2	0.0044				
1186.60	-0.003	190.4	0.0044				
1186.63	-0.002	190.4	0.008				
1186.67	-0.002	190.5	0.0107				
1186.70	0	190.8	0.0142				
1186.73	0.003	191	0.0178				
1186.77	0.005	191.2	0.0213				
1186.80	0.006	191.4	0.0257				
1186.83	0.01	191.6	0.0257				
1186.87	0.011	191.6	0.0311				
1186.90	0.011	191.8	0.0337				
1186.93	0.013	192.1	0.0382				
1186.97	0.016	192.4	0.0426				
1187.00	0.017	192.6	0.0453				
1187.03	0.018	192.9	0.0479				
1187.07	0.021	193.1	0.0479				
1187.10	0.022	193.1	0.0515				
1187.13	0.022	193.3	0.0541				
1187.17	0.023	193.6	0.0568				
1187.20	0.025	193.8	0.0595				
1187.23	0.026	194	0.0612				
1187.27	0.026	194.2	0.063				
1187.30	0.028	194.4	0.063				
1187.33	0.028	194.4	0.0648				
1187.37	0.028	194.5	0.0657				
1187.40	0.029	194.7	0.0666				
1187.43	0.029	194.8	0.0675				
1187.47	0.029	194.9	0.0675				
1187.50	0.029	195	0.0675				
1187.53	0.028	195.1	0.0675				
1187.57	0.028	195.1	0.0675				
1187.60	0.028	195.2	0.0675				
1187.63	0.027	195.3	0.0657				
1187.67	0.026	195.2	0.0639				
1187.70	0.025	195.2	0.063				
1187.73	0.024	195.2	0.0612				
1187.77	0.022	195.2	0.0612				
1187.80	0.02	195.1	0.0595				
1187.85	0.019	195	0.0559				
1187.88	0.019	195	0.0559				
1187.90	0.016	194.8	0.0541				
1187.93	0.016	194.8	0.0506				
1187.97	0.015	194.7	0.047				
1188.00	0.012	194.5	0.0435				
1188.03	0.01	194.3	0.0399				
1188.07	0.009	194.1	0.0373				
1188.10	0.006	193.9	0.0373				
1188.13	0.004	193.7	0.0328				
1188.17	0.004	193.7	0.0293				
1188.20	0.002	193.5	0.0249				
1188.23	0	193.2	0.0204				
1188.27	-0.002	192.9	0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1188.30	-0.004	192.7	0.0133				
1188.33	-0.006	192.4	0.0098				
1188.37	-0.008	192.1	0.0098				
1188.40	-0.008	192.1	0.0062				
1188.43	-0.009	191.9	0.0036				
1188.47	-0.011	191.6	0				
1188.50	-0.013	191.4	-0.0027				
1188.53	-0.013	191.2	-0.0044				
1188.57	-0.014	191	-0.0062				
1188.60	-0.016	190.8	-0.0062				
1188.63	-0.016	190.8	-0.008				
1188.67	-0.016	190.6	-0.0089				
1188.70	-0.016	190.4	-0.0107				
1188.73	-0.017	190.3	-0.0115				
1188.77	-0.017	190.1	-0.0115				
1188.80	-0.017	190	-0.0124				
1188.83	-0.017	189.9	-0.0124				
1188.87	-0.017	189.9	-0.0115				
1188.90	-0.017	189.8	-0.0115				
1188.93	-0.016	189.8	-0.0107				
1188.97	-0.015	189.8	-0.0098				
1189.00	-0.015	189.7	-0.0089				
1189.03	-0.014	189.8	-0.0071				
1189.07	-0.012	189.8	-0.0071				
1189.10	-0.011	189.8	-0.0053				
1189.13	-0.011	189.9	-0.0036				
1189.17	-0.01	190	-0.0018				
1189.20	-0.007	190.1	0.0018				
1189.23	-0.006	190.2	0.0036				
1189.28	-0.004	190.3	0.0071				
1189.32	-0.002	190.5	0.0089				
1189.35	-0.001	190.6	0.0115				
1189.37	0.001	190.8	0.0169				
1189.40	0.004	191.1	0.0169				
1189.43	0.006	191.2	0.0204				
1189.47	0.006	191.2	0.0231				
1189.50	0.007	191.5	0.0284				
1189.53	0.01	191.8	0.032				
1189.57	0.012	191.9	0.0355				
1189.60	0.014	192.2	0.0399				
1189.63	0.016	192.5	0.0399				
1189.67	0.018	192.7	0.0435				
1189.70	0.018	192.7	0.0462				
1189.73	0.019	192.9	0.0497				
1189.77	0.021	193.2	0.0533				
1189.80	0.023	193.4	0.055				
1189.83	0.024	193.6	0.0586				
1189.87	0.025	193.9	0.0586				
1189.90	0.026	194.1	0.0604				
1189.93	0.026	194.1	0.0621				
1189.97	0.027	194.3	0.0639				
1190.00	0.028	194.5	0.0648				
1190.03	0.028	194.6	0.0666				
1190.07	0.029	194.8	0.0666				
1190.10	0.029	194.9	0.0675				
1190.13	0.029	195	0.0675				
1190.17	0.029	195	0.0675				
1190.20	0.029	195.1	0.0675				
1190.23	0.029	195.2	0.0675				
1190.27	0.028	195.3	0.0666				
1190.30	0.027	195.3	0.0648				
1190.33	0.026	195.2	0.0639				
1190.37	0.024	195.2	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1190.40	0.023	195.2	0.0621				
1190.43	0.023	195.2	0.0612				
1190.47	0.022	195.1	0.0586				
1190.50	0.02	195	0.0559				
1190.53	0.019	195	0.0533				
1190.57	0.017	194.8	0.0506				
1190.60	0.014	194.7	0.0506				
1190.63	0.013	194.7	0.047				
1190.67	0.013	194.5	0.0444				
1190.70	0.012	194.3	0.0408				
1190.75	0.008	194.1	0.0373				
1190.78	0.008	194	0.0355				
1190.80	0.006	193.8	0.0311				
1190.83	0.002	193.5	0.0275				
1190.87	0.002	193.4	0.0231				
1190.90	0	193.1	0.0195				
1190.93	-0.004	192.8	0.0195				
1190.97	-0.005	192.8	0.016				
1191.00	-0.005	192.6	0.0124				
1191.03	-0.006	192.3	0.0089				
1191.07	-0.009	192	0.0053				
1191.10	-0.01	191.8	0.0027				
1191.13	-0.011	191.6	0				
1191.17	-0.013	191.3	0				
1191.20	-0.014	191.3	-0.0036				
1191.23	-0.014	191.1	-0.0053				
1191.27	-0.015	190.9	-0.0071				
1191.30	-0.016	190.7	-0.0089				
1191.33	-0.016	190.5	-0.0098				
1191.37	-0.017	190.3	-0.0107				
1191.40	-0.017	190.2	-0.0107				
1191.43	-0.017	190.2	-0.0115				
1191.47	-0.017	190.1	-0.0115				
1191.50	-0.017	190	-0.0115				
1191.53	-0.017	189.9	-0.0124				
1191.57	-0.016	189.8	-0.0115				
1191.60	-0.016	189.8	-0.0107				
1191.63	-0.015	189.8	-0.0107				
1191.67	-0.014	189.8	-0.0098				
1191.70	-0.014	189.8	-0.008				
1191.73	-0.013	189.8	-0.0062				
1191.77	-0.011	189.9	-0.0044				
1191.80	-0.01	189.9	-0.0027				
1191.83	-0.009	190	0				
1191.87	-0.006	190.1	0				
1191.90	-0.005	190.3	0.0018				
1191.93	-0.005	190.3	0.0053				
1191.97	-0.003	190.4	0.0089				
1192.00	-0.001	190.6	0.0115				
1192.03	0.001	190.8	0.0151				
1192.07	0.003	191	0.0186				
1192.10	0.006	191.2	0.0186				
1192.13	0.008	191.5	0.0231				
1192.17	0.008	191.5	0.0275				
1192.22	0.011	191.9	0.0328				
1192.25	0.012	192.1	0.0328				
1192.27	0.012	192.1	0.0364				
1192.30	0.014	192.3	0.0408				
1192.33	0.016	192.6	0.0444				
1192.37	0.019	192.8	0.0479				
1192.40	0.02	193	0.0506				
1192.43	0.021	193.3	0.0541				
1192.47	0.024	193.5	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1192.50	0.024	193.5	0.0568				
1192.53	0.024	193.7	0.0586				
1192.57	0.025	194	0.0604				
1192.60	0.027	194.2	0.063				
1192.63	0.027	194.4	0.0639				
1192.67	0.028	194.5	0.0657				
1192.70	0.028	194.7	0.0657				
1192.73	0.029	194.7	0.0666				
1192.77	0.029	194.8	0.0666				
1192.80	0.029	194.9	0.0675				
1192.83	0.029	195.1	0.0675				
1192.87	0.029	195.1	0.0675				
1192.90	0.028	195.2	0.0675				
1192.93	0.027	195.3	0.0675				
1192.97	0.027	195.3	0.0666				
1193.00	0.027	195.3	0.0648				
1193.03	0.026	195.3	0.0639				
1193.07	0.024	195.2	0.0612				
1193.10	0.023	195.2	0.0604				
1193.13	0.021	195.2	0.0577				
1193.17	0.019	195	0.0577				
1193.20	0.018	195	0.055				
1193.23	0.018	195	0.0524				
1193.27	0.016	194.8	0.0497				
1193.30	0.013	194.6	0.0462				
1193.33	0.012	194.5	0.0435				
1193.37	0.01	194.3	0.0391				
1193.40	0.007	194	0.0391				
1193.43	0.006	194	0.0355				
1193.47	0.006	193.9	0.0328				
1193.50	0.004	193.7	0.0293				
1193.53	0.001	193.4	0.024				
1193.57	0	193.2	0.0204				
1193.60	-0.002	192.9	0.016				
1193.65	-0.005	192.6	0.0124				
1193.68	-0.006	192.4	0.0107				
1193.72	-0.006	192.2	0.0071				
1193.73	-0.009	191.9	0.0071				
1193.77	-0.011	191.7	0.0036				
1193.80	-0.011	191.7	0.0009				
1193.83	-0.012	191.5	-0.0018				
1193.87	-0.013	191.2	-0.0044				
1193.90	-0.015	191	-0.0062				
1193.93	-0.015	190.8	-0.008				
1193.97	-0.016	190.6	-0.008				
1194.00	-0.017	190.4	-0.0089				
1194.03	-0.017	190.4	-0.0107				
1194.07	-0.017	190.3	-0.0115				
1194.10	-0.017	190.1	-0.0115				
1194.13	-0.017	190	-0.0124				
1194.17	-0.017	189.9	-0.0115				
1194.20	-0.017	189.8	-0.0115				
1194.23	-0.016	189.8	-0.0115				
1194.27	-0.016	189.8	-0.0115				
1194.30	-0.016	189.7	-0.0107				
1194.33	-0.015	189.7	-0.0089				
1194.37	-0.013	189.8	-0.008				
1194.40	-0.013	189.8	-0.0062				
1194.43	-0.011	189.9	-0.0044				
1194.47	-0.009	189.9	-0.0044				
1194.50	-0.008	189.9	-0.0018				
1194.53	-0.008	190	0				
1194.57	-0.006	190.2	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1194.60	-0.003	190.3	0.0062				
1194.63	-0.002	190.4	0.0089				
1194.67	-0.001	190.6	0.0124				
1194.70	0.003	190.9	0.0124				
1194.73	0.004	190.9	0.0169				
1194.77	0.004	191	0.0195				
1194.80	0.005	191.3	0.024				
1194.83	0.009	191.5	0.0293				
1194.87	0.01	191.7	0.032				
1194.90	0.011	192	0.0364				
1194.93	0.015	192.3	0.0364				
1194.97	0.016	192.3	0.0399				
1195.00	0.016	192.5	0.0435				
1195.03	0.017	192.7	0.047				
1195.07	0.02	193	0.0506				
1195.12	0.021	193.2	0.0524				
1195.15	0.022	193.4	0.0541				
1195.17	0.024	193.6	0.0568				
1195.20	0.025	193.8	0.0595				
1195.23	0.025	194	0.0612				
1195.27	0.027	194.3	0.0612				
1195.30	0.028	194.3	0.063				
1195.33	0.028	194.4	0.0648				
1195.37	0.028	194.6	0.0657				
1195.40	0.028	194.7	0.0666				
1195.43	0.029	194.9	0.0675				
1195.47	0.029	195	0.0675				
1195.50	0.029	195.1	0.0675				
1195.53	0.028	195.2	0.0675				
1195.57	0.028	195.2	0.0675				
1195.60	0.028	195.3	0.0666				
1195.63	0.027	195.3	0.0657				
1195.67	0.026	195.3	0.0648				
1195.70	0.025	195.3	0.063				
1195.73	0.024	195.2	0.0612				
1195.77	0.022	195.2	0.0612				
1195.80	0.021	195.2	0.0586				
1195.83	0.021	195.2	0.0568				
1195.87	0.02	195	0.0541				
1195.90	0.016	194.9	0.0515				
1195.93	0.016	194.8	0.0488				
1195.97	0.014	194.6	0.0453				
1196.00	0.01	194.4	0.0453				
1196.03	0.01	194.4	0.0417				
1196.07	0.01	194.3	0.0382				
1196.10	0.007	194	0.0346				
1196.13	0.004	193.8	0.0311				
1196.17	0.004	193.6	0.0284				
1196.20	0.001	193.3	0.0231				
1196.23	-0.002	193.1	0.0231				
1196.27	-0.003	193.1	0.0186				
1196.30	-0.003	192.8	0.0151				
1196.33	-0.004	192.5	0.0115				
1196.37	-0.007	192.3	0.008				
1196.40	-0.009	192	0.0044				
1196.43	-0.01	191.8	0.0018				
1196.47	-0.012	191.5	0.0018				
1196.50	-0.013	191.5	-0.0009				
1196.55	-0.014	191.1	-0.0044				
1196.58	-0.015	190.9	-0.0044				
1196.62	-0.015	190.9	-0.0062				
1196.63	-0.015	190.7	-0.008				
1196.67	-0.016	190.5	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1196.70	-0.017	190.3	-0.0107				
1196.73	-0.017	190.2	-0.0115				
1196.77	-0.017	190.1	-0.0115				
1196.80	-0.017	190	-0.0115				
1196.83	-0.017	190	-0.0115				
1196.87	-0.017	189.9	-0.0115				
1196.90	-0.017	189.8	-0.0115				
1196.93	-0.016	189.8	-0.0107				
1196.97	-0.015	189.8	-0.0098				
1197.00	-0.015	189.7	-0.0089				
1197.03	-0.013	189.8	-0.0089				
1197.07	-0.012	189.8	-0.0071				
1197.10	-0.012	189.8	-0.0053				
1197.13	-0.011	189.9	-0.0027				
1197.17	-0.008	190	-0.0009				
1197.20	-0.007	190.1	0.0009				
1197.23	-0.006	190.2	0.0044				
1197.27	-0.003	190.4	0.0044				
1197.30	-0.002	190.4	0.008				
1197.33	-0.002	190.5	0.0107				
1197.37	0	190.7	0.0142				
1197.40	0.004	191	0.0186				
1197.43	0.005	191.2	0.0213				
1197.47	0.006	191.3	0.0257				
1197.50	0.01	191.6	0.0257				
1197.53	0.011	191.8	0.0302				
1197.57	0.011	191.8	0.0328				
1197.60	0.012	192	0.0373				
1197.63	0.016	192.3	0.0417				
1197.67	0.017	192.6	0.0444				
1197.70	0.018	192.8	0.0479				
1197.73	0.021	193.1	0.0479				
1197.77	0.022	193.3	0.0515				
1197.80	0.022	193.3	0.0541				
1197.83	0.023	193.5	0.0568				
1197.87	0.024	193.8	0.0595				
1197.90	0.026	194	0.0612				
1197.93	0.026	194.2	0.063				
1197.97	0.027	194.4	0.0639				
1198.02	0.028	194.5	0.0657				
1198.05	0.028	194.7	0.0666				
1198.07	0.029	194.8	0.0666				
1198.10	0.029	195	0.0666				
1198.13	0.029	195	0.0675				
1198.17	0.029	195.1	0.0675				
1198.20	0.029	195.2	0.0675				
1198.23	0.029	195.2	0.0675				
1198.27	0.028	195.3	0.0666				
1198.30	0.027	195.4	0.0648				
1198.33	0.025	195.3	0.0648				
1198.37	0.024	195.3	0.0639				
1198.40	0.024	195.3	0.063				
1198.43	0.024	195.3	0.0612				
1198.47	0.021	195.2	0.0586				
1198.50	0.02	195.1	0.0559				
1198.53	0.019	195	0.0533				
1198.57	0.016	194.8	0.0533				
1198.60	0.014	194.8	0.0497				
1198.63	0.014	194.7	0.047				
1198.67	0.013	194.5	0.0444				
1198.70	0.01	194.3	0.0399				
1198.73	0.009	194.2	0.0373				
1198.77	0.007	193.9	0.0337				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1198.80	0.003	193.7	0.0337				
1198.83	0.002	193.7	0.0293				
1198.87	0.002	193.5	0.0257				
1198.90	0.001	193.2	0.0213				
1198.93	-0.003	193	0.0169				
1198.97	-0.004	192.7	0.0142				
1199.00	-0.005	192.5	0.0107				
1199.03	-0.008	192.2	0.0107				
1199.07	-0.009	192.2	0.0062				
1199.10	-0.009	192	0.0036				
1199.13	-0.01	191.7	0.0009				
1199.17	-0.012	191.4	-0.0027				
1199.20	-0.014	191.2	-0.0044				
1199.23	-0.014	191	-0.0062				
1199.27	-0.016	190.8	-0.0062				
1199.30	-0.016	190.6	-0.008				
1199.33	-0.016	190.6	-0.0089				
1199.37	-0.016	190.4	-0.0107				
1199.40	-0.017	190.3	-0.0115				
1199.43	-0.017	190.1	-0.0115				
1199.48	-0.017	190	-0.0124				
1199.52	-0.017	189.9	-0.0124				
1199.53	-0.017	189.8	-0.0115				
1199.57	-0.016	189.8	-0.0115				
1199.60	-0.016	189.7	-0.0107				
1199.63	-0.015	189.7	-0.0107				
1199.67	-0.015	189.7	-0.0098				
1199.70	-0.014	189.7	-0.008				
1199.73	-0.013	189.8	-0.0062				
1199.77	-0.011	189.9	-0.0044				
1199.80	-0.01	189.9	-0.0027				
1199.83	-0.008	190	0				
1199.87	-0.006	190.1	0				
1199.90	-0.005	190.1	0.0027				
1199.93	-0.005	190.2	0.0053				
1199.97	-0.003	190.5	0.008				
1200.00	0	190.6	0.0124				
1200.03	0.001	190.8	0.0151				
1200.07	0.003	191	0.0195				
1200.10	0.006	191.2	0.0195				
1200.13	0.007	191.2	0.0231				
1200.17	0.007	191.4	0.0275				
1200.20	0.009	191.7	0.032				
1200.23	0.012	191.9	0.0355				
1200.27	0.014	192.1	0.0391				
1200.30	0.015	192.5	0.0426				
1200.33	0.018	192.7	0.0426				
1200.37	0.019	192.7	0.0462				
1200.40	0.019	192.9	0.0488				
1200.43	0.02	193.2	0.0524				
1200.47	0.023	193.4	0.055				
1200.50	0.024	193.6	0.0577				
1200.53	0.025	193.8	0.0595				
1200.57	0.026	194.1	0.0595				
1200.60	0.027	194.1	0.0621				
1200.63	0.027	194.2	0.063				
1200.67	0.027	194.4	0.0648				
1200.70	0.028	194.6	0.0666				
1200.73	0.029	194.7	0.0666				
1200.77	0.029	194.9	0.0675				
1200.80	0.029	195	0.0675				
1200.83	0.029	195	0.0675				
1200.87	0.029	195.1	0.0675				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1200.92	0.028	195.3	0.0675				
1200.95	0.027	195.3	0.0666				
1200.97	0.027	195.3	0.0666				
1201.00	0.027	195.4	0.0648				
1201.03	0.025	195.3	0.0639				
1201.07	0.024	195.3	0.0621				
1201.10	0.023	195.3	0.0595				
1201.13	0.021	195.2	0.0595				
1201.17	0.019	195.2	0.0577				
1201.20	0.019	195.1	0.055				
1201.23	0.018	195	0.0524				
1201.27	0.015	194.8	0.0488				
1201.30	0.014	194.7	0.047				
1201.33	0.012	194.5	0.0435				
1201.37	0.009	194.3	0.0435				
1201.40	0.007	194.1	0.0391				
1201.43	0.007	194.1	0.0364				
1201.47	0.006	193.9	0.0328				
1201.50	0.003	193.6	0.0284				
1201.53	0.001	193.4	0.024				
1201.57	0	193.2	0.0195				
1201.60	-0.003	192.9	0.0195				
1201.63	-0.005	192.6	0.016				
1201.67	-0.005	192.6	0.0124				
1201.70	-0.006	192.4	0.0089				
1201.73	-0.009	192.1	0.0053				
1201.77	-0.01	191.9	0.0027				
1201.80	-0.011	191.7	0				
1201.83	-0.012	191.4	0				
1201.87	-0.014	191.2	-0.0027				
1201.90	-0.014	191.2	-0.0053				
1201.93	-0.015	191	-0.0071				
1201.97	-0.016	190.7	-0.008				
1202.00	-0.017	190.5	-0.0098				
1202.03	-0.017	190.4	-0.0107				
1202.07	-0.017	190.2	-0.0107				
1202.10	-0.017	190.1	-0.0107				
1202.13	-0.017	190.1	-0.0115				
1202.17	-0.017	190	-0.0115				
1202.20	-0.017	189.9	-0.0115				
1202.23	-0.017	189.8	-0.0115				
1202.27	-0.016	189.8	-0.0107				
1202.30	-0.015	189.8	-0.0089				
1202.33	-0.014	189.8	-0.0089				
1202.38	-0.013	189.8	-0.0071				
1202.42	-0.013	189.8	-0.0053				
1202.43	-0.01	189.9	-0.0053				
1202.47	-0.01	189.9	-0.0036				
1202.50	-0.01	189.9	-0.0018				
1202.53	-0.008	190.1	0.0009				
1202.57	-0.005	190.2	0.0044				
1202.60	-0.004	190.3	0.0071				
1202.63	-0.003	190.5	0.0098				
1202.67	0.001	190.7	0.0098				
1202.70	0.002	190.7	0.0133				
1202.73	0.002	190.9	0.0169				
1202.77	0.004	191.1	0.0213				
1202.80	0.007	191.4	0.0249				
1202.83	0.008	191.5	0.0293				
1202.87	0.01	191.8	0.0337				
1202.90	0.013	192.1	0.0337				
1202.93	0.014	192.1	0.0373				
1202.97	0.014	192.3	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1203.00	0.016	192.5	0.0444				
1203.03	0.019	192.8	0.0479				
1203.07	0.02	193	0.0506				
1203.10	0.021	193.2	0.0533				
1203.13	0.023	193.5	0.0533				
1203.17	0.024	193.7	0.0559				
1203.20	0.024	193.7	0.0586				
1203.23	0.025	193.9	0.0612				
1203.27	0.026	194.2	0.063				
1203.30	0.027	194.3	0.0648				
1203.33	0.028	194.5	0.0657				
1203.37	0.028	194.7	0.0657				
1203.40	0.029	194.8	0.0666				
1203.43	0.029	194.8	0.0675				
1203.47	0.029	195	0.0675				
1203.50	0.029	195.1	0.0675				
1203.53	0.029	195.2	0.0675				
1203.57	0.029	195.2	0.0675				
1203.60	0.028	195.3	0.0666				
1203.63	0.026	195.3	0.0666				
1203.67	0.026	195.3	0.0657				
1203.70	0.026	195.3	0.0639				
1203.73	0.025	195.3	0.0621				
1203.77	0.022	195.2	0.0604				
1203.82	0.022	195.2	0.0586				
1203.85	0.021	195.1	0.0568				
1203.88	0.018	195	0.0541				
1203.90	0.017	194.9	0.0524				
1203.93	0.016	194.8	0.0488				
1203.97	0.012	194.6	0.0488				
1204.00	0.011	194.5	0.0453				
1204.03	0.011	194.5	0.0426				
1204.07	0.01	194.3	0.0382				
1204.10	0.006	194	0.0346				
1204.13	0.005	193.8	0.0311				
1204.17	0.004	193.6	0.0275				
1204.20	0	193.3	0.0275				
1204.23	-0.001	193.1	0.0222				
1204.27	-0.001	193.1	0.0195				
1204.30	-0.002	192.9	0.0151				
1204.33	-0.005	192.5	0.0107				
1204.37	-0.007	192.3	0.008				
1204.40	-0.009	192.1	0.0044				
1204.43	-0.01	191.8	0.0044				
1204.47	-0.012	191.5	0.0018				
1204.50	-0.012	191.5	-0.0009				
1204.53	-0.013	191.3	-0.0036				
1204.57	-0.014	191.1	-0.0053				
1204.60	-0.015	190.9	-0.0071				
1204.63	-0.016	190.7	-0.0089				
1204.67	-0.016	190.5	-0.0098				
1204.70	-0.017	190.3	-0.0098				
1204.73	-0.017	190.3	-0.0107				
1204.77	-0.017	190.2	-0.0115				
1204.80	-0.017	190.1	-0.0115				
1204.83	-0.017	190	-0.0115				
1204.87	-0.017	189.9	-0.0115				
1204.90	-0.017	189.8	-0.0115				
1204.93	-0.016	189.8	-0.0115				
1204.97	-0.015	189.8	-0.0107				
1205.00	-0.015	189.8	-0.0098				
1205.03	-0.014	189.8	-0.008				
1205.07	-0.012	189.8	-0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1205.10	-0.011	189.9	-0.0044				
1205.13	-0.01	190	-0.0027				
1205.17	-0.007	190.1	-0.0027				
1205.20	-0.006	190.1	0.0009				
1205.23	-0.006	190.2	0.0027				
1205.28	-0.003	190.4	0.0053				
1205.32	-0.001	190.4	0.008				
1205.33	-0.001	190.6	0.0107				
1205.37	0	190.7	0.0142				
1205.40	0.004	191	0.0186				
1205.43	0.004	191.2	0.0213				
1205.47	0.006	191.4	0.0249				
1205.50	0.01	191.7	0.0249				
1205.53	0.011	191.7	0.0311				
1205.57	0.011	191.9	0.0337				
1205.60	0.013	192.1	0.0382				
1205.63	0.015	192.4	0.0417				
1205.67	0.017	192.6	0.0444				
1205.70	0.018	192.8	0.0479				
1205.73	0.021	193.1	0.0479				
1205.77	0.022	193.3	0.0524				
1205.80	0.022	193.3	0.0541				
1205.83	0.023	193.5	0.0568				
1205.87	0.025	193.8	0.0595				
1205.90	0.026	194	0.0612				
1205.93	0.026	194.2	0.063				
1205.97	0.028	194.4	0.063				
1206.00	0.028	194.5	0.0648				
1206.03	0.028	194.5	0.0657				
1206.07	0.029	194.7	0.0666				
1206.10	0.029	194.9	0.0666				
1206.13	0.029	195	0.0675				
1206.17	0.029	195.1	0.0675				
1206.20	0.029	195.2	0.0675				
1206.23	0.028	195.3	0.0675				
1206.27	0.028	195.3	0.0675				
1206.30	0.027	195.3	0.0657				
1206.33	0.027	195.3	0.0648				
1206.37	0.024	195.3	0.063				
1206.40	0.024	195.3	0.0612				
1206.43	0.023	195.2	0.0586				
1206.47	0.02	195.1	0.0586				
1206.50	0.02	195.1	0.0577				
1206.53	0.02	195.1	0.055				
1206.57	0.018	194.9	0.0515				
1206.60	0.015	194.7	0.0488				
1206.63	0.014	194.7	0.0462				
1206.67	0.012	194.4	0.0426				
1206.72	0.009	194.2	0.0391				
1206.75	0.009	194.1	0.0364				
1206.78	0.007	193.9	0.0328				
1206.80	0.003	193.7	0.0328				
1206.83	0.002	193.7	0.0293				
1206.87	0.002	193.5	0.0249				
1206.90	0	193.2	0.0204				
1206.93	-0.003	192.9	0.0169				
1206.97	-0.004	192.7	0.0142				
1207.00	-0.005	192.4	0.0098				
1207.03	-0.009	192.1	0.0098				
1207.07	-0.009	192.1	0.0062				
1207.10	-0.009	191.9	0.0036				
1207.13	-0.01	191.7	0.0009				
1207.17	-0.013	191.4	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1207.20	-0.014	191.2	-0.0044				
1207.23	-0.014	191	-0.0062				
1207.27	-0.016	190.8	-0.0062				
1207.30	-0.016	190.8	-0.008				
1207.33	-0.016	190.6	-0.0089				
1207.37	-0.017	190.4	-0.0107				
1207.40	-0.017	190.3	-0.0115				
1207.43	-0.017	190.1	-0.0115				
1207.47	-0.017	190	-0.0115				
1207.50	-0.017	189.9	-0.0115				
1207.53	-0.017	189.9	-0.0124				
1207.57	-0.017	189.8	-0.0115				
1207.60	-0.016	189.8	-0.0107				
1207.63	-0.015	189.8	-0.0107				
1207.67	-0.015	189.8	-0.0098				
1207.70	-0.014	189.8	-0.0071				
1207.73	-0.012	189.8	-0.0071				
1207.77	-0.011	189.8	-0.0053				
1207.80	-0.011	189.9	-0.0044				
1207.83	-0.01	190	-0.0018				
1207.87	-0.007	190.1	0.0009				
1207.90	-0.006	190.2	0.0036				
1207.93	-0.004	190.4	0.0071				
1207.97	-0.001	190.6	0.0071				
1208.00	0	190.6	0.0107				
1208.03	0	190.7	0.0133				
1208.07	0.002	190.9	0.0169				
1208.10	0.005	191.2	0.0213				
1208.13	0.007	191.4	0.0249				
1208.18	0.008	191.6	0.0302				
1208.22	0.01	191.8	0.032				
1208.23	0.012	192	0.0355				
1208.27	0.013	192.2	0.0391				
1208.30	0.017	192.5	0.0391				
1208.33	0.018	192.7	0.0435				
1208.37	0.018	192.7	0.0453				
1208.40	0.019	193	0.0488				
1208.43	0.021	193.2	0.0524				
1208.47	0.023	193.5	0.055				
1208.50	0.024	193.7	0.0577				
1208.53	0.025	193.9	0.0577				
1208.57	0.026	194.1	0.0604				
1208.60	0.026	194.1	0.0621				
1208.63	0.027	194.3	0.0639				
1208.67	0.028	194.5	0.0648				
1208.70	0.028	194.6	0.0657				
1208.73	0.029	194.8	0.0666				
1208.77	0.029	194.9	0.0666				
1208.80	0.029	195	0.0666				
1208.83	0.029	195	0.0675				
1208.87	0.029	195.1	0.0675				
1208.90	0.028	195.2	0.0675				
1208.93	0.028	195.3	0.0666				
1208.97	0.027	195.4	0.0657				
1209.00	0.026	195.4	0.0639				
1209.03	0.024	195.3	0.0639				
1209.07	0.023	195.3	0.0621				
1209.10	0.023	195.3	0.0604				
1209.13	0.022	195.2	0.0586				
1209.17	0.02	195.1	0.0559				
1209.20	0.019	195	0.0541				
1209.23	0.017	194.9	0.0506				
1209.27	0.014	194.7	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1209.30	0.013	194.7	0.047				
1209.33	0.013	194.6	0.0453				
1209.37	0.011	194.4	0.0408				
1209.40	0.007	194.2	0.0364				
1209.43	0.006	194	0.0337				
1209.47	0.005	193.8	0.0302				
1209.50	0.002	193.5	0.0302				
1209.53	0.001	193.5	0.0257				
1209.57	0.001	193.3	0.0222				
1209.60	-0.001	193	0.0178				
1209.65	-0.005	192.7	0.0133				
1209.68	-0.005	192.6	0.0115				
1209.70	-0.006	192.3	0.0089				
1209.73	-0.009	192	0.0053				
1209.77	-0.01	191.8	0.0027				
1209.80	-0.011	191.6	-0.0009				
1209.83	-0.014	191.3	-0.0009				
1209.87	-0.014	191.3	-0.0036				
1209.90	-0.014	191.2	-0.0053				
1209.93	-0.014	190.9	-0.0071				
1209.97	-0.016	190.7	-0.0089				
1210.00	-0.016	190.5	-0.0098				
1210.03	-0.017	190.4	-0.0107				
1210.07	-0.017	190.2	-0.0107				
1210.10	-0.017	190.2	-0.0115				
1210.13	-0.017	190.1	-0.0124				
1210.17	-0.017	190	-0.0124				
1210.20	-0.017	189.9	-0.0124				
1210.23	-0.016	189.8	-0.0115				
1210.27	-0.016	189.8	-0.0107				
1210.30	-0.015	189.8	-0.0107				
1210.33	-0.014	189.8	-0.0098				
1210.37	-0.014	189.8	-0.0089				
1210.40	-0.013	189.8	-0.0071				
1210.43	-0.011	189.9	-0.0044				
1210.47	-0.01	189.9	-0.0027				
1210.50	-0.009	190	0				
1210.53	-0.006	190.2	0				
1210.57	-0.005	190.3	0.0027				
1210.60	-0.005	190.3	0.0044				
1210.63	-0.003	190.4	0.0089				
1210.67	-0.001	190.7	0.0115				
1210.70	0.002	190.8	0.0142				
1210.73	0.002	191	0.0186				
1210.77	0.005	191.3	0.0186				
1210.80	0.008	191.5	0.0222				
1210.83	0.008	191.5	0.0257				
1210.87	0.009	191.6	0.0311				
1210.90	0.012	192	0.0346				
1210.93	0.014	192.2	0.0382				
1210.97	0.015	192.4	0.0417				
1211.00	0.018	192.7	0.0417				
1211.03	0.019	192.9	0.0462				
1211.08	0.02	193.1	0.0506				
1211.12	0.021	193.3	0.0533				
1211.15	0.023	193.6	0.0533				
1211.17	0.024	193.6	0.0559				
1211.20	0.024	193.8	0.0586				
1211.23	0.025	194	0.0604				
1211.27	0.027	194.2	0.0621				
1211.30	0.027	194.4	0.0639				
1211.33	0.028	194.6	0.0648				
1211.37	0.028	194.7	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1211.40	0.028	194.7	0.0657				
1211.43	0.028	194.9	0.0666				
1211.47	0.029	195	0.0675				
1211.50	0.029	195.1	0.0675				
1211.53	0.029	195.2	0.0675				
1211.57	0.028	195.3	0.0675				
1211.60	0.027	195.4	0.0675				
1211.63	0.027	195.4	0.0657				
1211.67	0.027	195.4	0.0648				
1211.70	0.026	195.4	0.063				
1211.73	0.023	195.3	0.0612				
1211.77	0.023	195.3	0.0595				
1211.80	0.021	195.2	0.0577				
1211.83	0.019	195.1	0.0577				
1211.87	0.019	195.1	0.055				
1211.90	0.019	195	0.0524				
1211.93	0.017	194.8	0.0488				
1211.97	0.013	194.6	0.0453				
1212.00	0.012	194.5	0.0426				
1212.03	0.011	194.3	0.0391				
1212.07	0.007	194.1	0.0391				
1212.10	0.006	194.1	0.0355				
1212.13	0.006	193.9	0.0328				
1212.17	0.005	193.7	0.0284				
1212.20	0.001	193.4	0.024				
1212.23	0	193.2	0.0204				
1212.27	-0.002	192.9	0.016				
1212.30	-0.005	192.6	0.016				
1212.33	-0.006	192.6	0.0115				
1212.37	-0.006	192.4	0.0089				
1212.40	-0.007	192.2	0.0053				
1212.43	-0.01	191.9	0.0027				
1212.47	-0.011	191.6	0				
1212.50	-0.012	191.4	-0.0027				
1212.55	-0.014	191.2	-0.0053				
1212.58	-0.014	191	-0.0071				
1212.60	-0.015	190.8	-0.008				
1212.63	-0.016	190.6	-0.008				
1212.67	-0.017	190.6	-0.0098				
1212.70	-0.017	190.4	-0.0107				
1212.73	-0.017	190.3	-0.0115				
1212.77	-0.017	190.2	-0.0124				
1212.80	-0.017	190	-0.0124				
1212.83	-0.017	189.9	-0.0124				
1212.87	-0.017	189.9	-0.0124				
1212.90	-0.016	189.9	-0.0124				
1212.93	-0.016	189.8	-0.0115				
1212.97	-0.016	189.8	-0.0107				
1213.00	-0.014	189.8	-0.0089				
1213.03	-0.013	189.8	-0.008				
1213.07	-0.013	189.8	-0.0062				
1213.10	-0.01	189.9	-0.0062				
1213.13	-0.009	190	-0.0044				
1213.17	-0.009	190	-0.0027				
1213.20	-0.008	190	0				
1213.23	-0.005	190.2	0.0036				
1213.27	-0.004	190.3	0.0062				
1213.30	-0.003	190.5	0.0098				
1213.33	0.001	190.7	0.0098				
1213.37	0.002	190.9	0.0133				
1213.40	0.002	190.9	0.016				
1213.43	0.003	191.1	0.0204				
1213.47	0.007	191.3	0.024				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1213.50	0.009	191.5	0.0284				
1213.53	0.01	191.7	0.032				
1213.57	0.013	192.1	0.032				
1213.60	0.015	192.3	0.0364				
1213.63	0.015	192.3	0.0399				
1213.67	0.016	192.5	0.0435				
1213.70	0.018	192.8	0.047				
1213.73	0.02	193	0.0497				
1213.77	0.021	193.2	0.0533				
1213.80	0.023	193.5	0.0559				
1213.83	0.025	193.7	0.0559				
1213.87	0.025	193.7	0.0586				
1213.90	0.025	193.9	0.0604				
1213.93	0.026	194.1	0.0621				
1213.98	0.028	194.3	0.0639				
1214.02	0.028	194.5	0.0648				
1214.05	0.028	194.7	0.0657				
1214.07	0.028	194.8	0.0666				
1214.10	0.029	194.9	0.0675				
1214.13	0.029	195.1	0.0675				
1214.17	0.029	195.1	0.0675				
1214.20	0.028	195.1	0.0675				
1214.23	0.028	195.3	0.0675				
1214.27	0.028	195.3	0.0666				
1214.30	0.027	195.4	0.0657				
1214.33	0.026	195.4	0.0639				
1214.37	0.025	195.4	0.0621				
1214.40	0.023	195.3	0.0621				
1214.43	0.022	195.3	0.0604				
1214.47	0.022	195.2	0.0595				
1214.50	0.021	195.2	0.0559				
1214.53	0.018	195	0.0541				
1214.57	0.017	194.9	0.0515				
1214.60	0.016	194.8	0.0479				
1214.63	0.012	194.6	0.0479				
1214.67	0.011	194.6	0.0444				
1214.70	0.011	194.5	0.0417				
1214.73	0.01	194.3	0.0382				
1214.77	0.006	194	0.0337				
1214.80	0.005	193.8	0.0311				
1214.83	0.003	193.6	0.0257				
1214.87	-0.001	193.3	0.0257				
1214.90	-0.001	193.3	0.0213				
1214.93	-0.001	193.1	0.0186				
1214.97	-0.002	192.8	0.0151				
1215.00	-0.006	192.5	0.0107				
1215.03	-0.007	192.3	0.008				
1215.07	-0.008	192	0.0044				
1215.10	-0.011	191.8	0.0044				
1215.13	-0.012	191.8	0.0009				
1215.17	-0.012	191.6	-0.0009				
1215.20	-0.013	191.3	-0.0036				
1215.23	-0.014	191.1	-0.0062				
1215.27	-0.015	190.9	-0.0071				
1215.30	-0.016	190.7	-0.0098				
1215.33	-0.017	190.5	-0.0098				
1215.37	-0.017	190.5	-0.0107				
1215.40	-0.017	190.4	-0.0115				
1215.45	-0.017	190.1	-0.0115				
1215.48	-0.017	190.1	-0.0115				
1215.50	-0.017	190	-0.0124				
1215.53	-0.017	189.9	-0.0124				
1215.57	-0.017	189.8	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1215.60	-0.016	189.8	-0.0115				
1215.63	-0.016	189.8	-0.0107				
1215.67	-0.014	189.8	-0.0107				
1215.70	-0.013	189.8	-0.0089				
1215.73	-0.013	189.8	-0.0071				
1215.77	-0.012	189.8	-0.0053				
1215.80	-0.01	190	-0.0027				
1215.83	-0.008	190	-0.0009				
1215.87	-0.007	190.1	0.0018				
1215.90	-0.004	190.3	0.0018				
1215.93	-0.003	190.4	0.0053				
1215.97	-0.003	190.4	0.0071				
1216.00	-0.002	190.5	0.0107				
1216.03	0.001	190.8	0.0142				
1216.07	0.003	191	0.0178				
1216.10	0.004	191.2	0.0222				
1216.13	0.007	191.5	0.0222				
1216.17	0.01	191.7	0.0275				
1216.20	0.01	191.7	0.0302				
1216.23	0.011	191.9	0.0346				
1216.27	0.013	192.2	0.0382				
1216.30	0.016	192.4	0.0417				
1216.33	0.016	192.6	0.0444				
1216.37	0.019	192.9	0.0488				
1216.40	0.021	193.1	0.0488				
1216.43	0.021	193.1	0.0524				
1216.47	0.022	193.4	0.0541				
1216.50	0.023	193.6	0.0568				
1216.53	0.025	193.9	0.0586				
1216.57	0.026	194	0.0612				
1216.60	0.027	194.2	0.063				
1216.63	0.028	194.4	0.063				
1216.67	0.028	194.4	0.0648				
1216.70	0.028	194.6	0.0657				
1216.73	0.028	194.7	0.0657				
1216.77	0.029	194.9	0.0666				
1216.80	0.029	195	0.0675				
1216.83	0.029	195.1	0.0675				
1216.87	0.029	195.2	0.0675				
1216.92	0.028	195.3	0.0666				
1216.95	0.028	195.4	0.0657				
1216.97	0.026	195.4	0.0657				
1217.00	0.025	195.4	0.0648				
1217.03	0.025	195.4	0.063				
1217.07	0.025	195.3	0.0621				
1217.10	0.023	195.3	0.0604				
1217.13	0.021	195.2	0.0577				
1217.17	0.02	195.1	0.055				
1217.20	0.017	195	0.055				
1217.23	0.017	195	0.0524				
1217.27	0.017	194.9	0.0497				
1217.30	0.015	194.7	0.047				
1217.33	0.011	194.5	0.0426				
1217.37	0.01	194.4	0.0399				
1217.40	0.009	194.1	0.0355				
1217.43	0.005	193.9	0.0355				
1217.47	0.004	193.9	0.032				
1217.50	0.004	193.7	0.0293				
1217.53	0.002	193.5	0.024				
1217.57	-0.001	193.2	0.0204				
1217.60	-0.002	193	0.0169				
1217.63	-0.003	192.7	0.0133				
1217.67	-0.007	192.4	0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1217.70	-0.008	192.4	0.0089				
1217.73	-0.008	192.2	0.0062				
1217.77	-0.009	191.9	0.0027				
1217.80	-0.011	191.7	0				
1217.83	-0.012	191.4	-0.0027				
1217.87	-0.013	191.2	-0.0053				
1217.90	-0.015	191	-0.0053				
1217.93	-0.015	191	-0.0071				
1217.97	-0.015	190.8	-0.0089				
1218.00	-0.016	190.6	-0.0098				
1218.03	-0.017	190.4	-0.0107				
1218.07	-0.017	190.3	-0.0115				
1218.10	-0.017	190.2	-0.0124				
1218.13	-0.017	190.1	-0.0124				
1218.17	-0.017	190.1	-0.0124				
1218.20	-0.017	190	-0.0124				
1218.23	-0.016	189.9	-0.0115				
1218.27	-0.016	189.8	-0.0107				
1218.30	-0.015	189.8	-0.0107				
1218.35	-0.015	189.8	-0.0089				
1218.38	-0.014	189.8	-0.008				
1218.40	-0.012	189.8	-0.0062				
1218.43	-0.011	189.9	-0.0044				
1218.47	-0.009	190	-0.0044				
1218.50	-0.008	190	-0.0027				
1218.53	-0.008	190.1	0				
1218.57	-0.007	190.2	0.0027				
1218.60	-0.004	190.4	0.0062				
1218.63	-0.002	190.5	0.0089				
1218.67	-0.001	190.6	0.0124				
1218.70	0.003	190.9	0.0124				
1218.73	0.004	191.1	0.0169				
1218.77	0.004	191.1	0.0195				
1218.80	0.005	191.3	0.0231				
1218.83	0.009	191.6	0.0284				
1218.87	0.01	191.8	0.032				
1218.90	0.012	192	0.0355				
1218.93	0.015	192.3	0.0355				
1218.97	0.016	192.5	0.0399				
1219.00	0.016	192.5	0.0426				
1219.03	0.018	192.7	0.047				
1219.07	0.02	193	0.0497				
1219.10	0.021	193.2	0.0524				
1219.13	0.022	193.5	0.0559				
1219.17	0.024	193.7	0.0559				
1219.20	0.025	193.9	0.0577				
1219.23	0.025	193.9	0.0604				
1219.27	0.026	194.1	0.0621				
1219.30	0.027	194.4	0.063				
1219.33	0.028	194.5	0.0648				
1219.37	0.028	194.7	0.0657				
1219.40	0.029	194.8	0.0666				
1219.43	0.029	194.9	0.0666				
1219.47	0.029	194.9	0.0675				
1219.50	0.029	195.1	0.0675				
1219.53	0.029	195.2	0.0675				
1219.57	0.028	195.3	0.0666				
1219.60	0.027	195.3	0.0657				
1219.63	0.027	195.3	0.0648				
1219.67	0.025	195.3	0.0648				
1219.70	0.025	195.3	0.0639				
1219.73	0.025	195.3	0.0621				
1219.77	0.023	195.2	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1219.82	0.021	195.2	0.0577				
1219.85	0.021	195.2	0.0568				
1219.87	0.02	195	0.0541				
1219.90	0.016	194.9	0.0515				
1219.93	0.016	194.8	0.0488				
1219.97	0.014	194.6	0.0453				
1220.00	0.01	194.4	0.0453				
1220.03	0.009	194.4	0.0417				
1220.07	0.009	194.3	0.0382				
1220.10	0.008	194	0.0346				
1220.13	0.004	193.8	0.0311				
1220.17	0.003	193.6	0.0275				
1220.20	0.002	193.4	0.0222				
1220.23	-0.002	193.1	0.0222				
1220.27	-0.003	193.1	0.0186				
1220.30	-0.003	192.9	0.0151				
1220.33	-0.004	192.6	0.0107				
1220.37	-0.008	192.3	0.0071				
1220.40	-0.008	192.1	0.0044				
1220.43	-0.01	191.8	0.0018				
1220.47	-0.012	191.5	0.0018				
1220.50	-0.013	191.5	-0.0018				
1220.53	-0.013	191.4	-0.0036				
1220.57	-0.013	191.2	-0.0053				
1220.60	-0.015	190.9	-0.008				
1220.63	-0.016	190.7	-0.0089				
1220.67	-0.016	190.5	-0.0107				
1220.70	-0.017	190.4	-0.0107				
1220.73	-0.017	190.4	-0.0115				
1220.77	-0.017	190.2	-0.0115				
1220.80	-0.017	190.1	-0.0124				
1220.83	-0.017	190	-0.0124				
1220.87	-0.017	189.9	-0.0115				
1220.90	-0.017	189.8	-0.0115				
1220.93	-0.016	189.8	-0.0115				
1220.97	-0.015	189.8	-0.0107				
1221.00	-0.015	189.8	-0.0098				
1221.03	-0.014	189.8	-0.008				
1221.07	-0.012	189.8	-0.0071				
1221.10	-0.011	189.9	-0.0053				
1221.13	-0.01	190	-0.0027				
1221.17	-0.007	190.1	-0.0027				
1221.20	-0.006	190.1	0				
1221.25	-0.005	190.3	0.0036				
1221.28	-0.003	190.4	0.0036				
1221.32	-0.002	190.4	0.0062				
1221.33	-0.002	190.5	0.0098				
1221.37	0	190.7	0.0142				
1221.40	0.004	191	0.0186				
1221.43	0.005	191.2	0.0213				
1221.47	0.006	191.4	0.0249				
1221.50	0.01	191.7	0.0249				
1221.53	0.011	191.7	0.0302				
1221.57	0.011	191.9	0.0337				
1221.60	0.012	192.1	0.0373				
1221.63	0.016	192.4	0.0417				
1221.67	0.017	192.6	0.0444				
1221.70	0.018	192.8	0.0479				
1221.73	0.021	193.1	0.0479				
1221.77	0.022	193.4	0.0515				
1221.80	0.022	193.4	0.0541				
1221.83	0.023	193.6	0.0568				
1221.87	0.025	193.8	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1221.90	0.026	194	0.0612				
1221.93	0.026	194.2	0.063				
1221.97	0.027	194.4	0.063				
1222.00	0.028	194.6	0.0648				
1222.03	0.028	194.6	0.0657				
1222.07	0.028	194.7	0.0666				
1222.10	0.028	194.9	0.0666				
1222.13	0.029	195	0.0675				
1222.17	0.029	195.1	0.0675				
1222.20	0.029	195.2	0.0675				
1222.23	0.028	195.3	0.0675				
1222.27	0.027	195.3	0.0666				
1222.30	0.027	195.4	0.0657				
1222.33	0.027	195.3	0.0648				
1222.37	0.025	195.3	0.063				
1222.40	0.024	195.3	0.0612				
1222.43	0.023	195.2	0.0595				
1222.47	0.021	195.2	0.0595				
1222.50	0.019	195.2	0.0568				
1222.53	0.019	195.1	0.055				
1222.57	0.018	195	0.0524				
1222.60	0.015	194.8	0.0488				
1222.63	0.014	194.7	0.0462				
1222.67	0.012	194.5	0.0426				
1222.72	0.009	194.3	0.0391				
1222.75	0.008	194.2	0.0373				
1222.77	0.007	194	0.0328				
1222.80	0.003	193.7	0.0328				
1222.83	0.002	193.7	0.0293				
1222.87	0.002	193.5	0.0257				
1222.90	0.001	193.3	0.0213				
1222.93	-0.003	193	0.0169				
1222.97	-0.004	192.8	0.0142				
1223.00	-0.005	192.5	0.0107				
1223.03	-0.008	192.2	0.0107				
1223.07	-0.009	192.2	0.0071				
1223.10	-0.009	192	0.0036				
1223.13	-0.01	191.7	0.0009				
1223.17	-0.013	191.5	-0.0027				
1223.20	-0.014	191.3	-0.0044				
1223.23	-0.014	191.1	-0.0062				
1223.27	-0.016	190.8	-0.0062				
1223.30	-0.016	190.8	-0.008				
1223.33	-0.016	190.6	-0.0089				
1223.37	-0.017	190.5	-0.0107				
1223.40	-0.017	190.3	-0.0115				
1223.43	-0.017	190.2	-0.0115				
1223.47	-0.017	190.1	-0.0124				
1223.50	-0.017	190	-0.0124				
1223.53	-0.017	189.9	-0.0124				
1223.57	-0.017	189.9	-0.0115				
1223.60	-0.016	189.8	-0.0107				
1223.63	-0.015	189.8	-0.0098				
1223.67	-0.014	189.8	-0.0089				
1223.70	-0.014	189.8	-0.0071				
1223.73	-0.012	189.9	-0.0053				
1223.77	-0.01	189.9	-0.0053				
1223.80	-0.01	189.9	-0.0044				
1223.83	-0.01	190	-0.0018				
1223.87	-0.008	190.2	0.0009				
1223.90	-0.005	190.3	0.0044				
1223.93	-0.004	190.4	0.0071				
1223.97	-0.003	190.6	0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1224.00	0.001	190.8	0.0098				
1224.03	0.002	190.8	0.0142				
1224.07	0.002	190.9	0.0169				
1224.10	0.004	191.2	0.0204				
1224.15	0.007	191.4	0.0249				
1224.18	0.007	191.5	0.0284				
1224.22	0.009	191.8	0.032				
1224.23	0.013	192	0.0355				
1224.27	0.013	192.2	0.0391				
1224.30	0.015	192.5	0.0426				
1224.33	0.018	192.8	0.0426				
1224.37	0.019	192.8	0.047				
1224.40	0.019	193	0.0497				
1224.43	0.02	193.2	0.0524				
1224.47	0.023	193.5	0.0559				
1224.50	0.024	193.7	0.0577				
1224.53	0.025	193.9	0.0604				
1224.57	0.026	194.1	0.0604				
1224.60	0.027	194.1	0.0621				
1224.63	0.027	194.3	0.0639				
1224.67	0.027	194.5	0.0648				
1224.70	0.028	194.7	0.0666				
1224.73	0.029	194.8	0.0675				
1224.77	0.029	195	0.0675				
1224.80	0.029	195.1	0.0675				
1224.83	0.029	195.1	0.0675				
1224.87	0.029	195.2	0.0675				
1224.90	0.029	195.3	0.0675				
1224.93	0.028	195.3	0.0666				
1224.97	0.027	195.4	0.0666				
1225.00	0.026	195.4	0.0639				
1225.03	0.025	195.4	0.0639				
1225.07	0.023	195.3	0.063				
1225.10	0.023	195.3	0.0612				
1225.13	0.022	195.3	0.0586				
1225.17	0.02	195.1	0.0568				
1225.20	0.018	195	0.0541				
1225.23	0.017	195	0.0506				
1225.27	0.015	194.8	0.0506				
1225.30	0.013	194.6	0.0479				
1225.33	0.013	194.6	0.0453				
1225.37	0.011	194.5	0.0417				
1225.40	0.009	194.2	0.0373				
1225.43	0.006	194	0.0346				
1225.47	0.005	193.8	0.0311				
1225.50	0.002	193.5	0.0311				
1225.53	0	193.3	0.0257				
1225.57	0	193.3	0.0231				
1225.62	-0.003	192.8	0.016				
1225.65	-0.005	192.6	0.016				
1225.67	-0.005	192.6	0.0133				
1225.70	-0.006	192.4	0.0098				
1225.73	-0.008	192.1	0.0053				
1225.77	-0.01	191.8	0.0018				
1225.80	-0.011	191.6	0				
1225.83	-0.012	191.4	-0.0027				
1225.87	-0.014	191.2	-0.0027				
1225.90	-0.015	191.2	-0.0044				
1225.93	-0.015	191	-0.0062				
1225.97	-0.015	190.8	-0.008				
1226.00	-0.017	190.6	-0.0098				
1226.03	-0.017	190.4	-0.0107				
1226.07	-0.017	190.3	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1226.10	-0.017	190.1	-0.0115				
1226.13	-0.017	190.1	-0.0115				
1226.17	-0.017	190	-0.0115				
1226.20	-0.017	189.9	-0.0115				
1226.23	-0.017	189.9	-0.0115				
1226.27	-0.016	189.8	-0.0107				
1226.30	-0.015	189.8	-0.0098				
1226.33	-0.014	189.8	-0.0098				
1226.37	-0.013	189.8	-0.008				
1226.40	-0.013	189.8	-0.0071				
1226.43	-0.012	189.8	-0.0053				
1226.47	-0.01	190	-0.0027				
1226.50	-0.008	190.1	-0.0009				
1226.53	-0.007	190.1	0.0018				
1226.57	-0.005	190.3	0.0018				
1226.60	-0.003	190.4	0.0053				
1226.63	-0.003	190.4	0.0071				
1226.67	-0.002	190.6	0.0115				
1226.70	0.001	190.8	0.0151				
1226.73	0.004	191	0.0186				
1226.77	0.004	191.2	0.0213				
1226.80	0.007	191.5	0.0213				
1226.83	0.01	191.7	0.0257				
1226.87	0.01	191.7	0.0302				
1226.90	0.011	191.9	0.0337				
1226.93	0.014	192.2	0.0382				
1226.97	0.015	192.4	0.0408				
1227.00	0.016	192.6	0.0444				
1227.03	0.019	193	0.0444				
1227.08	0.021	193.2	0.0515				
1227.12	0.021	193.3	0.0533				
1227.13	0.023	193.6	0.0559				
1227.17	0.024	193.8	0.0559				
1227.20	0.024	193.8	0.0577				
1227.23	0.025	194	0.0604				
1227.27	0.026	194.2	0.0621				
1227.30	0.028	194.4	0.0639				
1227.33	0.028	194.6	0.0648				
1227.37	0.028	194.7	0.0657				
1227.40	0.029	194.9	0.0657				
1227.43	0.029	194.9	0.0666				
1227.47	0.029	195	0.0666				
1227.50	0.029	195.1	0.0666				
1227.53	0.029	195.2	0.0666				
1227.57	0.028	195.3	0.0666				
1227.60	0.028	195.4	0.0657				
1227.63	0.026	195.4	0.0657				
1227.67	0.025	195.4	0.0639				
1227.70	0.025	195.4	0.063				
1227.73	0.025	195.4	0.0621				
1227.77	0.022	195.3	0.0595				
1227.80	0.021	195.2	0.0577				
1227.83	0.021	195.2	0.0559				
1227.87	0.017	195	0.0559				
1227.90	0.017	195	0.0524				
1227.93	0.017	194.9	0.0506				
1227.97	0.015	194.7	0.0462				
1228.00	0.011	194.5	0.0426				
1228.03	0.01	194.4	0.0399				
1228.07	0.009	194.2	0.0364				
1228.10	0.005	193.9	0.0364				
1228.13	0.004	193.9	0.032				
1228.17	0.004	193.8	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1228.20	0.003	193.5	0.024				
1228.23	-0.001	193.2	0.0195				
1228.27	-0.002	193	0.0169				
1228.30	-0.004	192.8	0.0124				
1228.33	-0.007	192.4	0.0124				
1228.37	-0.008	192.4	0.008				
1228.40	-0.008	192.2	0.0062				
1228.43	-0.009	192	0.0027				
1228.47	-0.011	191.7	0				
1228.52	-0.012	191.5	-0.0027				
1228.55	-0.013	191.3	-0.0044				
1228.58	-0.015	191	-0.0071				
1228.60	-0.015	190.9	-0.008				
1228.63	-0.016	190.7	-0.0098				
1228.67	-0.017	190.5	-0.0098				
1228.70	-0.017	190.3	-0.0107				
1228.73	-0.017	190.3	-0.0115				
1228.77	-0.017	190.2	-0.0124				
1228.80	-0.017	190.1	-0.0124				
1228.83	-0.017	190	-0.0124				
1228.87	-0.017	189.9	-0.0124				
1228.90	-0.016	189.9	-0.0124				
1228.93	-0.015	189.8	-0.0115				
1228.97	-0.015	189.8	-0.0107				
1229.00	-0.015	189.8	-0.0098				
1229.03	-0.014	189.8	-0.008				
1229.07	-0.012	189.8	-0.0071				
1229.10	-0.011	189.9	-0.0053				
1229.13	-0.01	190	-0.0027				
1229.17	-0.007	190.1	-0.0027				
1229.20	-0.007	190.1	-0.0009				
1229.23	-0.007	190.2	0.0027				
1229.27	-0.004	190.4	0.0062				
1229.30	-0.002	190.5	0.0089				
1229.33	-0.001	190.6	0.0124				
1229.37	0.001	190.9	0.016				
1229.40	0.004	191.2	0.016				
1229.43	0.004	191.2	0.0195				
1229.47	0.005	191.3	0.0231				
1229.50	0.008	191.6	0.0284				
1229.53	0.011	191.8	0.032				
1229.57	0.012	192	0.0346				
1229.60	0.014	192.3	0.0391				
1229.63	0.017	192.5	0.0391				
1229.67	0.017	192.5	0.0426				
1229.70	0.017	192.7	0.0453				
1229.73	0.019	193	0.0488				
1229.77	0.022	193.3	0.0524				
1229.80	0.022	193.5	0.055				
1229.83	0.024	193.7	0.0577				
1229.87	0.026	194	0.0577				
1229.90	0.026	194	0.0604				
1229.93	0.026	194.1	0.0621				
1229.98	0.028	194.5	0.063				
1230.02	0.028	194.5	0.0639				
1230.03	0.028	194.7	0.0657				
1230.07	0.028	194.8	0.0666				
1230.10	0.029	194.9	0.0666				
1230.13	0.029	195.1	0.0666				
1230.17	0.029	195.2	0.0675				
1230.20	0.028	195.3	0.0675				
1230.23	0.028	195.3	0.0675				
1230.27	0.028	195.4	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1230.30	0.028	195.4	0.0657				
1230.33	0.026	195.4	0.0648				
1230.37	0.025	195.4	0.063				
1230.40	0.024	195.4	0.0612				
1230.43	0.022	195.3	0.0612				
1230.47	0.021	195.3	0.0595				
1230.50	0.021	195.2	0.0577				
1230.53	0.02	195.1	0.0541				
1230.57	0.016	194.9	0.0506				
1230.60	0.015	194.8	0.0488				
1230.63	0.014	194.7	0.0453				
1230.67	0.011	194.5	0.0453				
1230.70	0.009	194.3	0.0417				
1230.73	0.009	194.3	0.0391				
1230.77	0.008	194.2	0.0346				
1230.80	0.005	193.9	0.0311				
1230.83	0.003	193.7	0.0284				
1230.87	0.002	193.4	0.0231				
1230.90	-0.002	193.1	0.0231				
1230.93	-0.003	192.9	0.0186				
1230.97	-0.003	192.9	0.016				
1231.00	-0.005	192.7	0.0115				
1231.03	-0.007	192.3	0.0071				
1231.07	-0.009	192.1	0.0044				
1231.10	-0.01	191.9	0.0018				
1231.13	-0.012	191.6	0.0018				
1231.17	-0.013	191.4	-0.0009				
1231.20	-0.013	191.4	-0.0036				
1231.23	-0.014	191.2	-0.0053				
1231.27	-0.015	190.9	-0.0071				
1231.30	-0.016	190.7	-0.0089				
1231.33	-0.016	190.6	-0.0098				
1231.37	-0.017	190.4	-0.0107				
1231.42	-0.017	190.3	-0.0115				
1231.45	-0.017	190.1	-0.0124				
1231.48	-0.017	190	-0.0124				
1231.50	-0.017	189.9	-0.0124				
1231.53	-0.017	189.9	-0.0124				
1231.57	-0.017	189.8	-0.0115				
1231.60	-0.016	189.8	-0.0107				
1231.63	-0.015	189.8	-0.0098				
1231.67	-0.014	189.8	-0.0089				
1231.70	-0.014	189.8	-0.0071				
1231.73	-0.011	189.9	-0.0071				
1231.77	-0.011	189.9	-0.0062				
1231.80	-0.011	189.9	-0.0036				
1231.83	-0.01	190	-0.0018				
1231.87	-0.006	190.1	0.0009				
1231.90	-0.006	190.2	0.0036				
1231.93	-0.004	190.4	0.0071				
1231.97	-0.001	190.6	0.0071				
1232.00	0	190.6	0.0107				
1232.03	0	190.8	0.0133				
1232.07	0.002	191	0.0169				
1232.10	0.005	191.2	0.0213				
1232.13	0.006	191.4	0.0249				
1232.17	0.008	191.6	0.0302				
1232.20	0.012	191.9	0.0302				
1232.23	0.013	191.9	0.0337				
1232.27	0.013	192.1	0.0373				
1232.30	0.014	192.3	0.0408				
1232.33	0.017	192.6	0.0444				
1232.37	0.018	192.9	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1232.40	0.02	193.1	0.0506				
1232.43	0.022	193.4	0.0506				
1232.47	0.023	193.4	0.0541				
1232.50	0.023	193.6	0.0559				
1232.53	0.024	193.8	0.0586				
1232.57	0.026	194	0.0612				
1232.60	0.026	194.2	0.0621				
1232.63	0.027	194.4	0.0639				
1232.67	0.028	194.6	0.0639				
1232.70	0.029	194.7	0.0648				
1232.73	0.029	194.7	0.0657				
1232.77	0.029	194.9	0.0666				
1232.80	0.029	195	0.0666				
1232.83	0.029	195.1	0.0666				
1232.88	0.029	195.2	0.0666				
1232.92	0.028	195.3	0.0666				
1232.93	0.028	195.4	0.0666				
1232.97	0.027	195.4	0.0639				
1233.00	0.026	195.4	0.063				
1233.03	0.024	195.4	0.063				
1233.07	0.024	195.4	0.0612				
1233.10	0.023	195.4	0.0604				
1233.13	0.022	195.2	0.0577				
1233.17	0.02	195.1	0.0559				
1233.20	0.019	195.1	0.0533				
1233.23	0.017	194.9	0.0497				
1233.27	0.014	194.7	0.0497				
1233.30	0.013	194.7	0.047				
1233.33	0.013	194.6	0.0444				
1233.37	0.011	194.4	0.0408				
1233.40	0.008	194.2	0.0364				
1233.43	0.007	194.1	0.0337				
1233.47	0.005	193.8	0.0293				
1233.50	0.002	193.6	0.0293				
1233.53	0.001	193.6	0.0249				
1233.57	0.001	193.4	0.0213				
1233.60	-0.001	193	0.0178				
1233.63	-0.005	192.8	0.0133				
1233.67	-0.005	192.6	0.0107				
1233.70	-0.007	192.3	0.0062				
1233.73	-0.01	192	0.0062				
1233.77	-0.01	192	0.0027				
1233.80	-0.01	191.8	0				
1233.83	-0.012	191.5	-0.0027				
1233.87	-0.014	191.3	-0.0053				
1233.90	-0.014	191.1	-0.0062				
1233.93	-0.015	190.9	-0.0089				
1233.97	-0.016	190.7	-0.0089				
1234.00	-0.017	190.7	-0.0098				
1234.03	-0.017	190.5	-0.0107				
1234.07	-0.017	190.4	-0.0115				
1234.10	-0.017	190.2	-0.0115				
1234.13	-0.017	190.1	-0.0124				
1234.17	-0.017	190	-0.0124				
1234.20	-0.017	189.9	-0.0124				
1234.23	-0.016	189.9	-0.0124				
1234.27	-0.016	189.9	-0.0115				
1234.32	-0.015	189.8	-0.0107				
1234.35	-0.014	189.8	-0.0098				
1234.38	-0.014	189.8	-0.0089				
1234.40	-0.013	189.8	-0.0071				
1234.43	-0.011	189.9	-0.0053				
1234.47	-0.01	190	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1234.50	-0.009	190	-0.0009				
1234.53	-0.006	190.2	-0.0009				
1234.57	-0.005	190.3	0.0018				
1234.60	-0.005	190.3	0.0044				
1234.63	-0.004	190.4	0.008				
1234.67	0	190.7	0.0115				
1234.70	0.001	190.8	0.0142				
1234.73	0.002	191	0.0186				
1234.77	0.006	191.3	0.0186				
1234.80	0.008	191.5	0.0231				
1234.83	0.008	191.5	0.0257				
1234.87	0.009	191.7	0.0311				
1234.90	0.012	192	0.0346				
1234.93	0.014	192.2	0.0382				
1234.97	0.015	192.4	0.0417				
1235.00	0.018	192.8	0.0417				
1235.03	0.019	193	0.0462				
1235.07	0.019	193	0.0479				
1235.10	0.02	193.2	0.0515				
1235.13	0.022	193.5	0.0541				
1235.17	0.024	193.7	0.0568				
1235.20	0.025	193.9	0.0595				
1235.23	0.026	194.1	0.0621				
1235.27	0.027	194.3	0.0621				
1235.30	0.027	194.3	0.063				
1235.33	0.027	194.5	0.0648				
1235.37	0.028	194.7	0.0657				
1235.40	0.029	194.8	0.0666				
1235.43	0.029	194.9	0.0666				
1235.47	0.029	195.1	0.0666				
1235.50	0.029	195.2	0.0666				
1235.53	0.029	195.2	0.0666				
1235.57	0.029	195.3	0.0666				
1235.60	0.028	195.3	0.0666				
1235.63	0.027	195.4	0.0648				
1235.67	0.026	195.4	0.0639				
1235.70	0.025	195.3	0.0621				
1235.73	0.023	195.3	0.0621				
1235.78	0.022	195.2	0.0586				
1235.82	0.022	195.2	0.0568				
1235.83	0.019	195.1	0.0568				
1235.87	0.018	195.1	0.0541				
1235.90	0.018	195	0.0524				
1235.93	0.016	194.8	0.0488				
1235.97	0.013	194.7	0.0453				
1236.00	0.012	194.6	0.0426				
1236.03	0.01	194.3	0.0391				
1236.07	0.007	194.1	0.0391				
1236.10	0.006	194.1	0.0346				
1236.13	0.006	194	0.032				
1236.17	0.004	193.7	0.0284				
1236.20	0	193.4	0.0231				
1236.23	0	193.2	0.0204				
1236.27	-0.002	192.9	0.016				
1236.30	-0.005	192.7	0.016				
1236.33	-0.006	192.7	0.0115				
1236.37	-0.006	192.5	0.0089				
1236.40	-0.007	192.2	0.0044				
1236.43	-0.011	191.9	0.0018				
1236.47	-0.011	191.7	-0.0009				
1236.50	-0.012	191.4	-0.0036				
1236.53	-0.014	191.2	-0.0036				
1236.57	-0.015	191.2	-0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1236.60	-0.015	191	-0.0071				
1236.63	-0.015	190.8	-0.0089				
1236.67	-0.016	190.6	-0.0107				
1236.70	-0.017	190.4	-0.0115				
1236.73	-0.017	190.3	-0.0124				
1236.77	-0.017	190.1	-0.0124				
1236.80	-0.017	190.1	-0.0124				
1236.83	-0.017	190	-0.0133				
1236.87	-0.017	189.9	-0.0124				
1236.90	-0.017	189.9	-0.0124				
1236.93	-0.016	189.8	-0.0115				
1236.97	-0.015	189.8	-0.0098				
1237.00	-0.014	189.9	-0.0098				
1237.03	-0.013	189.9	-0.0089				
1237.07	-0.013	189.9	-0.008				
1237.10	-0.012	189.9	-0.0053				
1237.13	-0.01	190	-0.0036				
1237.17	-0.009	190.1	-0.0009				
1237.20	-0.007	190.2	0.0018				
1237.25	-0.005	190.3	0.0044				
1237.28	-0.004	190.4	0.0062				
1237.30	-0.002	190.5	0.0089				
1237.33	0	190.8	0.0089				
1237.37	0.002	190.9	0.0124				
1237.40	0.002	190.9	0.016				
1237.43	0.004	191.1	0.0195				
1237.47	0.007	191.4	0.024				
1237.50	0.009	191.6	0.0284				
1237.53	0.01	191.8	0.032				
1237.57	0.013	192.1	0.0364				
1237.60	0.015	192.3	0.0364				
1237.63	0.015	192.3	0.0399				
1237.67	0.016	192.5	0.0426				
1237.70	0.018	192.8	0.047				
1237.73	0.02	193.1	0.0497				
1237.77	0.021	193.3	0.0524				
1237.80	0.022	193.5	0.055				
1237.83	0.024	193.8	0.055				
1237.87	0.025	193.8	0.0577				
1237.90	0.025	194	0.0595				
1237.93	0.026	194.2	0.0621				
1237.97	0.027	194.4	0.0639				
1238.00	0.028	194.5	0.0648				
1238.03	0.028	194.7	0.0657				
1238.07	0.029	194.8	0.0657				
1238.10	0.029	194.8	0.0666				
1238.13	0.029	195	0.0666				
1238.17	0.029	195.1	0.0666				
1238.20	0.029	195.2	0.0666				
1238.23	0.028	195.3	0.0666				
1238.27	0.028	195.4	0.0657				
1238.30	0.026	195.3	0.0657				
1238.33	0.026	195.3	0.0639				
1238.37	0.026	195.4	0.0639				
1238.40	0.025	195.4	0.0612				
1238.43	0.023	195.3	0.0595				
1238.47	0.021	195.2	0.0577				
1238.50	0.02	195.1	0.055				
1238.53	0.018	195	0.055				
1238.57	0.016	194.9	0.0524				
1238.60	0.016	194.9	0.0497				
1238.63	0.015	194.8	0.0462				
1238.68	0.011	194.4	0.0426				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1238.72	0.011	194.4	0.0408				
1238.75	0.01	194.3	0.0373				
1238.77	0.007	194	0.0337				
1238.80	0.005	193.8	0.0302				
1238.83	0.004	193.6	0.0257				
1238.87	0.001	193.3	0.0257				
1238.90	-0.002	193.1	0.0213				
1238.93	-0.002	193.1	0.0178				
1238.97	-0.003	192.9	0.0151				
1239.00	-0.005	192.5	0.0107				
1239.03	-0.007	192.3	0.0071				
1239.07	-0.008	192.1	0.0044				
1239.10	-0.01	191.8	0.0044				
1239.13	-0.012	191.5	0.0009				
1239.17	-0.012	191.5	-0.0018				
1239.20	-0.013	191.3	-0.0036				
1239.23	-0.014	191.1	-0.0062				
1239.27	-0.016	190.9	-0.008				
1239.30	-0.016	190.7	-0.0089				
1239.33	-0.016	190.5	-0.0107				
1239.37	-0.017	190.4	-0.0107				
1239.40	-0.017	190.4	-0.0115				
1239.43	-0.017	190.2	-0.0115				
1239.47	-0.017	190.1	-0.0124				
1239.50	-0.017	190	-0.0124				
1239.53	-0.017	189.9	-0.0124				
1239.57	-0.016	189.9	-0.0115				
1239.60	-0.015	189.8	-0.0115				
1239.63	-0.015	189.8	-0.0107				
1239.67	-0.015	189.8	-0.0098				
1239.70	-0.014	189.8	-0.0089				
1239.73	-0.012	189.9	-0.0071				
1239.77	-0.011	189.9	-0.0044				
1239.80	-0.01	190	-0.0027				
1239.83	-0.008	190.1	-0.0027				
1239.87	-0.006	190.1	-0.0009				
1239.90	-0.006	190.2	0.0018				
1239.93	-0.005	190.4	0.0053				
1239.97	-0.002	190.5	0.0089				
1240.00	-0.001	190.7	0.0115				
1240.03	0.001	190.9	0.0151				
1240.07	0.004	191.1	0.0151				
1240.10	0.005	191.1	0.0195				
1240.15	0.007	191.5	0.0249				
1240.18	0.009	191.7	0.0249				
1240.20	0.011	191.7	0.0293				
1240.23	0.011	191.9	0.0328				
1240.27	0.012	192.2	0.0373				
1240.30	0.016	192.4	0.0417				
1240.33	0.017	192.6	0.0435				
1240.37	0.018	192.9	0.047				
1240.40	0.021	193.2	0.047				
1240.43	0.022	193.2	0.0515				
1240.47	0.022	193.4	0.0541				
1240.50	0.023	193.6	0.0568				
1240.53	0.025	193.8	0.0595				
1240.57	0.026	194.1	0.0612				
1240.60	0.026	194.3	0.063				
1240.63	0.027	194.4	0.063				
1240.67	0.028	194.4	0.0639				
1240.70	0.028	194.6	0.0657				
1240.73	0.029	194.8	0.0666				
1240.77	0.029	194.9	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1240.80	0.029	195	0.0675				
1240.83	0.029	195.1	0.0675				
1240.87	0.028	195.2	0.0675				
1240.90	0.028	195.2	0.0675				
1240.93	0.028	195.3	0.0666				
1240.97	0.028	195.4	0.0657				
1241.00	0.026	195.4	0.0639				
1241.03	0.025	195.4	0.063				
1241.07	0.024	195.4	0.0612				
1241.10	0.023	195.2	0.0612				
1241.13	0.02	195.2	0.0595				
1241.17	0.02	195.2	0.0568				
1241.20	0.02	195.1	0.0541				
1241.23	0.017	194.9	0.0515				
1241.27	0.015	194.8	0.0488				
1241.30	0.014	194.7	0.0453				
1241.33	0.011	194.5	0.0453				
1241.37	0.009	194.3	0.0417				
1241.40	0.009	194.3	0.0382				
1241.43	0.008	194.1	0.0346				
1241.47	0.005	193.9	0.0311				
1241.50	0.003	193.6	0.0275				
1241.53	0.001	193.5	0.0231				
1241.58	0	193.1	0.0186				
1241.62	-0.002	193	0.0169				
1241.65	-0.003	192.8	0.0142				
1241.67	-0.005	192.4	0.0098				
1241.70	-0.008	192.2	0.0098				
1241.73	-0.009	192.2	0.0062				
1241.77	-0.009	192	0.0036				
1241.80	-0.01	191.7	0				
1241.83	-0.013	191.4	-0.0027				
1241.87	-0.013	191.3	-0.0044				
1241.90	-0.014	191	-0.0062				
1241.93	-0.016	190.8	-0.0062				
1241.97	-0.016	190.8	-0.0089				
1242.00	-0.016	190.6	-0.0098				
1242.03	-0.016	190.5	-0.0107				
1242.07	-0.017	190.3	-0.0115				
1242.10	-0.017	190.2	-0.0115				
1242.13	-0.017	190.1	-0.0115				
1242.17	-0.017	190	-0.0115				
1242.20	-0.017	190	-0.0115				
1242.23	-0.017	189.9	-0.0115				
1242.27	-0.016	189.8	-0.0107				
1242.30	-0.015	189.8	-0.0107				
1242.33	-0.015	189.8	-0.0089				
1242.37	-0.014	189.8	-0.0071				
1242.40	-0.011	189.9	-0.0071				
1242.43	-0.011	189.9	-0.0053				
1242.47	-0.011	189.9	-0.0036				
1242.50	-0.01	190	-0.0018				
1242.53	-0.007	190.2	0.0009				
1242.57	-0.006	190.3	0.0036				
1242.60	-0.004	190.4	0.0071				
1242.63	-0.001	190.6	0.0071				
1242.67	0	190.6	0.0107				
1242.70	0	190.8	0.0133				
1242.73	0.002	191	0.0169				
1242.77	0.005	191.2	0.0213				
1242.80	0.006	191.4	0.024				
1242.83	0.008	191.7	0.0302				
1242.87	0.012	191.9	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1242.90	0.013	191.9	0.0346				
1242.93	0.013	192.1	0.0364				
1242.97	0.014	192.4	0.0408				
1243.00	0.017	192.6	0.0444				
1243.05	0.018	192.9	0.0479				
1243.08	0.019	193	0.0497				
1243.10	0.021	193.3	0.0524				
1243.13	0.022	193.5	0.055				
1243.17	0.023	193.7	0.0577				
1243.20	0.025	194	0.0577				
1243.23	0.026	194.2	0.0604				
1243.27	0.026	194.2	0.0621				
1243.30	0.027	194.4	0.063				
1243.33	0.028	194.6	0.0648				
1243.37	0.028	194.7	0.0657				
1243.40	0.029	194.9	0.0675				
1243.43	0.029	195	0.0675				
1243.47	0.029	195.1	0.0675				
1243.50	0.029	195.1	0.0675				
1243.53	0.029	195.2	0.0675				
1243.57	0.029	195.3	0.0675				
1243.60	0.028	195.4	0.0666				
1243.63	0.027	195.4	0.0648				
1243.67	0.026	195.4	0.0639				
1243.70	0.025	195.4	0.0639				
1243.73	0.023	195.4	0.0621				
1243.77	0.023	195.3	0.0612				
1243.80	0.022	195.3	0.0586				
1243.83	0.02	195.2	0.0568				
1243.87	0.019	195.1	0.0541				
1243.90	0.017	194.9	0.0506				
1243.93	0.014	194.8	0.0506				
1243.97	0.013	194.8	0.047				
1244.00	0.013	194.6	0.0444				
1244.03	0.011	194.4	0.0408				
1244.07	0.008	194.2	0.0373				
1244.10	0.007	194.1	0.0346				
1244.13	0.005	193.8	0.0302				
1244.17	0.001	193.6	0.0302				
1244.20	0.001	193.6	0.0249				
1244.23	0.001	193.4	0.0222				
1244.27	-0.001	193.1	0.0178				
1244.30	-0.004	192.8	0.0142				
1244.33	-0.006	192.6	0.0107				
1244.37	-0.006	192.3	0.0071				
1244.40	-0.01	192	0.0071				
1244.43	-0.01	192	0.0036				
1244.47	-0.01	191.8	0.0009				
1244.52	-0.013	191.3	-0.0009				
1244.55	-0.014	191.3	-0.0027				
1244.57	-0.014	191.2	-0.0044				
1244.60	-0.015	190.9	-0.0071				
1244.63	-0.016	190.7	-0.0089				
1244.67	-0.017	190.6	-0.0098				
1244.70	-0.017	190.4	-0.0107				
1244.73	-0.017	190.3	-0.0107				
1244.77	-0.017	190.1	-0.0115				
1244.80	-0.017	190.1	-0.0115				
1244.83	-0.017	190	-0.0115				
1244.87	-0.017	190	-0.0115				
1244.90	-0.016	189.9	-0.0107				
1244.93	-0.016	189.8	-0.0107				
1244.97	-0.015	189.8	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1245.00	-0.014	189.8	-0.0089				
1245.03	-0.014	189.8	-0.008				
1245.07	-0.013	189.8	-0.0062				
1245.10	-0.012	189.9	-0.0044				
1245.13	-0.01	190	-0.0027				
1245.17	-0.009	190	0				
1245.20	-0.007	190.2	0.0027				
1245.23	-0.004	190.4	0.0027				
1245.27	-0.003	190.4	0.0053				
1245.30	-0.003	190.5	0.008				
1245.33	-0.002	190.7	0.0115				
1245.37	0.002	190.9	0.0151				
1245.40	0.002	191	0.0178				
1245.43	0.005	191.3	0.0222				
1245.47	0.008	191.5	0.0222				
1245.50	0.009	191.5	0.0275				
1245.53	0.009	191.7	0.0311				
1245.57	0.011	192	0.0346				
1245.60	0.014	192.2	0.0391				
1245.63	0.015	192.4	0.0417				
1245.67	0.017	192.7	0.0453				
1245.70	0.02	193	0.0453				
1245.73	0.02	193	0.0497				
1245.77	0.02	193.2	0.0524				
1245.80	0.022	193.5	0.055				
1245.83	0.024	193.7	0.0577				
1245.87	0.025	193.9	0.0595				
1245.90	0.026	194.1	0.0621				
1245.95	0.027	194.3	0.0639				
1245.98	0.027	194.5	0.0648				
1246.02	0.028	194.6	0.0657				
1246.03	0.028	194.8	0.0657				
1246.07	0.028	194.8	0.0666				
1246.10	0.028	194.9	0.0666				
1246.13	0.029	195	0.0675				
1246.17	0.029	195.2	0.0675				
1246.20	0.029	195.2	0.0675				
1246.23	0.028	195.4	0.0675				
1246.27	0.028	195.4	0.0675				
1246.30	0.026	195.4	0.0666				
1246.33	0.026	195.4	0.0657				
1246.37	0.026	195.4	0.0639				
1246.40	0.024	195.4	0.0621				
1246.43	0.023	195.4	0.0604				
1246.47	0.022	195.3	0.0586				
1246.50	0.02	195.1	0.0586				
1246.53	0.017	195	0.0559				
1246.57	0.017	195	0.0533				
1246.60	0.016	194.9	0.0497				
1246.63	0.014	194.7	0.047				
1246.67	0.012	194.6	0.0435				
1246.70	0.01	194.4	0.0399				
1246.73	0.008	194.2	0.0399				
1246.77	0.006	194	0.0364				
1246.80	0.006	194	0.0328				
1246.83	0.004	193.8	0.0293				
1246.87	0.001	193.5	0.024				
1246.90	-0.001	193.2	0.0204				
1246.93	-0.002	193	0.0169				
1246.97	-0.005	192.7	0.0169				
1247.00	-0.006	192.5	0.0133				
1247.03	-0.006	192.5	0.0098				
1247.07	-0.007	192.3	0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1247.10	-0.01	191.9	0.0027				
1247.13	-0.011	191.7	0				
1247.17	-0.012	191.5	-0.0018				
1247.20	-0.014	191.2	-0.0018				
1247.23	-0.015	191	-0.0044				
1247.27	-0.015	191	-0.0062				
1247.30	-0.015	190.8	-0.008				
1247.33	-0.016	190.7	-0.0089				
1247.37	-0.017	190.5	-0.0107				
1247.42	-0.017	190.3	-0.0107				
1247.45	-0.017	190.2	-0.0115				
1247.47	-0.017	190.1	-0.0115				
1247.50	-0.017	190	-0.0115				
1247.53	-0.017	189.9	-0.0115				
1247.57	-0.016	189.9	-0.0115				
1247.60	-0.016	189.9	-0.0107				
1247.63	-0.016	189.8	-0.0098				
1247.67	-0.015	189.8	-0.0089				
1247.70	-0.013	189.8	-0.0071				
1247.73	-0.013	189.8	-0.0062				
1247.77	-0.011	189.9	-0.0036				
1247.80	-0.009	190	-0.0036				
1247.83	-0.008	190	-0.0018				
1247.87	-0.008	190.1	0.0009				
1247.90	-0.007	190.2	0.0036				
1247.93	-0.004	190.4	0.0062				
1247.97	-0.002	190.5	0.0089				
1248.00	-0.001	190.7	0.0133				
1248.03	0.002	190.9	0.0133				
1248.07	0.004	190.9	0.0169				
1248.10	0.004	191.1	0.0195				
1248.13	0.005	191.3	0.024				
1248.17	0.009	191.6	0.0293				
1248.20	0.01	191.8	0.0328				
1248.23	0.012	192	0.0364				
1248.27	0.015	192.3	0.0364				
1248.30	0.016	192.5	0.0408				
1248.33	0.016	192.5	0.0435				
1248.37	0.017	192.8	0.047				
1248.40	0.02	193.1	0.0506				
1248.43	0.022	193.3	0.0533				
1248.47	0.022	193.5	0.0559				
1248.50	0.024	193.8	0.0559				
1248.53	0.025	194	0.0586				
1248.57	0.025	194	0.0612				
1248.60	0.026	194.2	0.063				
1248.63	0.027	194.4	0.0648				
1248.67	0.028	194.5	0.0657				
1248.70	0.028	194.7	0.0666				
1248.73	0.029	194.9	0.0675				
1248.77	0.029	195	0.0675				
1248.80	0.029	195	0.0683				
1248.85	0.029	195.2	0.0683				
1248.88	0.029	195.3	0.0683				
1248.92	0.028	195.3	0.0683				
1248.93	0.028	195.4	0.0675				
1248.97	0.028	195.4	0.0666				
1249.00	0.026	195.4	0.0648				
1249.03	0.025	195.4	0.0639				
1249.07	0.024	195.4	0.0621				
1249.10	0.022	195.3	0.0621				
1249.13	0.021	195.3	0.0604				
1249.17	0.021	195.2	0.0577				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1249.20	0.02	195.1	0.055				
1249.23	0.016	195	0.0524				
1249.27	0.016	194.9	0.0497				
1249.30	0.014	194.7	0.0462				
1249.33	0.01	194.5	0.0462				
1249.37	0.01	194.5	0.0426				
1249.40	0.01	194.4	0.0399				
1249.43	0.008	194.1	0.0355				
1249.47	0.004	193.9	0.032				
1249.50	0.003	193.7	0.0284				
1249.53	0.002	193.4	0.024				
1249.57	-0.002	193.2	0.024				
1249.60	-0.003	193.2	0.0195				
1249.63	-0.003	192.9	0.016				
1249.67	-0.004	192.7	0.0124				
1249.70	-0.007	192.4	0.0089				
1249.73	-0.008	192.2	0.0062				
1249.77	-0.01	191.9	0.0027				
1249.80	-0.012	191.6	0.0027				
1249.83	-0.013	191.4	0				
1249.87	-0.013	191.4	-0.0027				
1249.90	-0.013	191.2	-0.0044				
1249.93	-0.015	191	-0.0062				
1249.97	-0.016	190.8	-0.008				
1250.00	-0.016	190.6	-0.0089				
1250.03	-0.017	190.4	-0.0089				
1250.07	-0.017	190.3	-0.0098				
1250.10	-0.017	190.3	-0.0107				
1250.13	-0.017	190.2	-0.0107				
1250.17	-0.017	190.1	-0.0107				
1250.20	-0.017	190	-0.0107				
1250.23	-0.016	189.9	-0.0107				
1250.27	-0.016	189.9	-0.0107				
1250.32	-0.015	189.9	-0.0089				
1250.35	-0.015	189.8	-0.0071				
1250.37	-0.013	189.9	-0.0062				
1250.40	-0.012	189.9	-0.0062				
1250.43	-0.011	189.9	-0.0044				
1250.47	-0.011	189.9	-0.0027				
1250.50	-0.009	190.1	0				
1250.53	-0.007	190.2	0.0027				
1250.57	-0.006	190.3	0.0053				
1250.60	-0.004	190.5	0.008				
1250.63	-0.001	190.7	0.008				
1250.67	0	190.7	0.0115				
1250.70	0	190.8	0.0151				
1250.73	0.002	191	0.0186				
1250.77	0.005	191.3	0.0231				
1250.80	0.007	191.4	0.0275				
1250.83	0.008	191.7	0.0311				
1250.87	0.012	191.9	0.0311				
1250.90	0.013	191.9	0.0355				
1250.93	0.013	192.2	0.0382				
1250.97	0.014	192.5	0.0417				
1251.00	0.017	192.7	0.0453				
1251.03	0.019	192.9	0.0488				
1251.07	0.02	193.1	0.0515				
1251.10	0.022	193.4	0.0515				
1251.13	0.023	193.4	0.055				
1251.17	0.023	193.6	0.0577				
1251.20	0.024	193.8	0.0604				
1251.23	0.026	194.1	0.063				
1251.27	0.027	194.3	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1251.30	0.027	194.5	0.0657				
1251.33	0.028	194.6	0.0657				
1251.37	0.028	194.6	0.0666				
1251.40	0.028	194.8	0.0675				
1251.43	0.029	194.9	0.0683				
1251.47	0.029	195	0.0683				
1251.50	0.029	195.2	0.0683				
1251.53	0.029	195.2	0.0683				
1251.57	0.028	195.4	0.0683				
1251.60	0.027	195.4	0.0683				
1251.63	0.027	195.4	0.0666				
1251.67	0.026	195.4	0.0657				
1251.70	0.025	195.4	0.0648				
1251.75	0.024	195.4	0.063				
1251.78	0.024	195.4	0.0621				
1251.82	0.022	195.3	0.0595				
1251.83	0.02	195.2	0.0577				
1251.87	0.019	195.1	0.0541				
1251.90	0.016	194.9	0.0541				
1251.93	0.014	194.8	0.0515				
1251.97	0.014	194.8	0.0488				
1252.00	0.013	194.7	0.0453				
1252.03	0.011	194.4	0.0417				
1252.07	0.008	194.2	0.0391				
1252.10	0.007	194.1	0.0346				
1252.13	0.004	193.8	0.0302				
1252.17	0.002	193.6	0.0302				
1252.20	0.002	193.6	0.0275				
1252.23	0.001	193.4	0.0222				
1252.27	-0.002	193.1	0.0186				
1252.30	-0.005	192.8	0.0142				
1252.33	-0.005	192.6	0.0115				
1252.37	-0.007	192.3	0.008				
1252.40	-0.01	192	0.008				
1252.43	-0.01	192	0.0044				
1252.47	-0.01	191.8	0.0018				
1252.50	-0.012	191.5	-0.0009				
1252.53	-0.014	191.3	-0.0036				
1252.57	-0.014	191.2	-0.0044				
1252.60	-0.015	190.9	-0.0062				
1252.63	-0.017	190.7	-0.0062				
1252.67	-0.017	190.7	-0.008				
1252.70	-0.017	190.5	-0.0089				
1252.73	-0.017	190.4	-0.0098				
1252.77	-0.017	190.3	-0.0098				
1252.80	-0.017	190.1	-0.0107				
1252.83	-0.017	190	-0.0107				
1252.87	-0.017	190	-0.0107				
1252.90	-0.016	190	-0.0107				
1252.93	-0.016	189.9	-0.0098				
1252.97	-0.015	189.9	-0.008				
1253.00	-0.014	189.9	-0.0071				
1253.03	-0.014	189.9	-0.0062				
1253.07	-0.012	190	-0.0044				
1253.10	-0.01	190	-0.0044				
1253.13	-0.009	190	-0.0018				
1253.17	-0.009	190.1	-0.0009				
1253.22	-0.006	190.3	0.0027				
1253.25	-0.005	190.3	0.0044				
1253.27	-0.005	190.4	0.0062				
1253.30	-0.003	190.6	0.0098				
1253.33	0	190.8	0.0133				
1253.37	0.001	190.9	0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1253.40	0.003	191.2	0.0204				
1253.43	0.006	191.4	0.0204				
1253.47	0.007	191.4	0.0249				
1253.50	0.007	191.5	0.0284				
1253.53	0.009	191.8	0.0328				
1253.57	0.013	192.1	0.0373				
1253.60	0.013	192.3	0.0391				
1253.63	0.015	192.5	0.0435				
1253.67	0.018	192.8	0.0435				
1253.70	0.019	192.8	0.0479				
1253.73	0.019	193	0.0506				
1253.77	0.02	193.3	0.0533				
1253.80	0.023	193.5	0.0568				
1253.83	0.024	193.7	0.0586				
1253.87	0.025	193.9	0.0612				
1253.90	0.026	194.2	0.0612				
1253.93	0.027	194.2	0.063				
1253.97	0.027	194.4	0.0648				
1254.00	0.028	194.5	0.0666				
1254.03	0.028	194.7	0.0675				
1254.07	0.029	194.9	0.0683				
1254.10	0.029	195	0.0683				
1254.13	0.029	195.1	0.0683				
1254.17	0.028	195.2	0.0683				
1254.20	0.028	195.2	0.0683				
1254.23	0.028	195.3	0.0683				
1254.27	0.028	195.4	0.0683				
1254.30	0.027	195.4	0.0675				
1254.33	0.026	195.4	0.0657				
1254.37	0.025	195.4	0.0639				
1254.40	0.023	195.4	0.0639				
1254.43	0.022	195.4	0.0621				
1254.47	0.022	195.3	0.0604				
1254.50	0.021	195.2	0.0577				
1254.53	0.018	195.1	0.055				
1254.57	0.017	195	0.0533				
1254.60	0.016	194.8	0.0497				
1254.63	0.012	194.7	0.0497				
1254.68	0.011	194.5	0.0444				
1254.72	0.011	194.4	0.0417				
1254.73	0.007	194.2	0.0417				
1254.77	0.006	194.2	0.0373				
1254.80	0.006	194	0.0346				
1254.83	0.005	193.8	0.0311				
1254.87	0.001	193.5	0.0249				
1254.90	0	193.3	0.0222				
1254.93	-0.002	193	0.0186				
1254.97	-0.005	192.7	0.0186				
1255.00	-0.006	192.7	0.0142				
1255.03	-0.006	192.5	0.0107				
1255.07	-0.007	192.2	0.008				
1255.10	-0.01	191.9	0.0044				
1255.13	-0.011	191.7	0.0018				
1255.17	-0.012	191.5	-0.0009				
1255.20	-0.014	191.2	-0.0009				
1255.23	-0.015	191.2	-0.0036				
1255.27	-0.015	191	-0.0044				
1255.30	-0.015	190.9	-0.0062				
1255.33	-0.017	190.6	-0.008				
1255.37	-0.017	190.5	-0.0089				
1255.40	-0.017	190.3	-0.0098				
1255.43	-0.017	190.2	-0.0098				
1255.47	-0.017	190.2	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1255.50	-0.017	190.1	-0.0107				
1255.53	-0.017	190	-0.0098				
1255.57	-0.016	189.9	-0.0098				
1255.60	-0.016	189.9	-0.0089				
1255.63	-0.015	189.9	-0.008				
1255.67	-0.014	189.9	-0.008				
1255.70	-0.013	189.9	-0.0071				
1255.73	-0.013	189.9	-0.0053				
1255.77	-0.012	189.9	-0.0027				
1255.80	-0.01	190.1	-0.0009				
1255.83	-0.008	190.1	0.0009				
1255.87	-0.007	190.2	0.0036				
1255.90	-0.005	190.4	0.0036				
1255.93	-0.003	190.5	0.0062				
1255.97	-0.003	190.5	0.0098				
1256.00	-0.002	190.7	0.0133				
1256.03	0.001	190.9	0.0169				
1256.07	0.003	191.1	0.0204				
1256.12	0.004	191.3	0.024				
1256.15	0.006	191.5	0.0257				
1256.18	0.008	191.7	0.0302				
1256.20	0.01	191.9	0.0355				
1256.23	0.013	192.2	0.0355				
1256.27	0.015	192.4	0.0391				
1256.30	0.015	192.4	0.0426				
1256.33	0.016	192.6	0.0462				
1256.37	0.018	192.9	0.0497				
1256.40	0.02	193.2	0.0524				
1256.43	0.021	193.4	0.055				
1256.47	0.023	193.7	0.0586				
1256.50	0.025	193.9	0.0586				
1256.53	0.025	193.9	0.0604				
1256.57	0.025	194.1	0.063				
1256.60	0.026	194.3	0.0648				
1256.63	0.027	194.5	0.0666				
1256.67	0.028	194.6	0.0675				
1256.70	0.028	194.8	0.0683				
1256.73	0.029	195	0.0683				
1256.77	0.029	195	0.0692				
1256.80	0.029	195.1	0.0692				
1256.83	0.029	195.2	0.0692				
1256.87	0.029	195.3	0.0692				
1256.90	0.029	195.4	0.0692				
1256.93	0.028	195.4	0.0683				
1256.97	0.026	195.4	0.0683				
1257.00	0.025	195.4	0.0666				
1257.03	0.025	195.4	0.0657				
1257.07	0.025	195.5	0.0639				
1257.10	0.023	195.4	0.0612				
1257.13	0.021	195.3	0.0604				
1257.17	0.02	195.2	0.0577				
1257.20	0.018	195.1	0.0577				
1257.23	0.016	195.1	0.055				
1257.27	0.016	195	0.0524				
1257.30	0.015	194.8	0.0488				
1257.33	0.011	194.6	0.0453				
1257.37	0.01	194.5	0.0426				
1257.40	0.009	194.3	0.0382				
1257.43	0.006	194	0.0382				
1257.47	0.004	194	0.0346				
1257.50	0.004	193.8	0.032				
1257.53	0.002	193.6	0.0275				
1257.58	-0.001	193.1	0.0222				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1257.62	-0.001	193.1	0.0204				
1257.63	-0.003	192.9	0.0169				
1257.67	-0.006	192.6	0.0133				
1257.70	-0.007	192.4	0.0098				
1257.73	-0.008	192.2	0.0062				
1257.77	-0.011	191.8	0.0062				
1257.80	-0.012	191.6	0.0036				
1257.83	-0.012	191.6	0.0009				
1257.87	-0.012	191.4	-0.0009				
1257.90	-0.014	191.2	-0.0036				
1257.93	-0.015	191	-0.0053				
1257.97	-0.016	190.8	-0.0062				
1258.00	-0.016	190.6	-0.0062				
1258.03	-0.017	190.4	-0.008				
1258.07	-0.017	190.4	-0.0089				
1258.10	-0.017	190.3	-0.0098				
1258.13	-0.017	190.2	-0.0098				
1258.17	-0.017	190.1	-0.0098				
1258.20	-0.017	190	-0.0098				
1258.23	-0.016	189.9	-0.0089				
1258.27	-0.015	189.9	-0.0089				
1258.30	-0.015	189.9	-0.008				
1258.33	-0.015	189.9	-0.0071				
1258.37	-0.014	189.9	-0.0062				
1258.40	-0.012	189.9	-0.0044				
1258.43	-0.012	189.9	-0.0018				
1258.47	-0.01	190.1	0				
1258.50	-0.007	190.2	0				
1258.53	-0.007	190.2	0.0027				
1258.57	-0.007	190.3	0.0053				
1258.60	-0.005	190.5	0.008				
1258.63	-0.002	190.6	0.0115				
1258.67	-0.001	190.7	0.0151				
1258.70	0.001	191	0.0186				
1258.73	0.005	191.2	0.0186				
1258.77	0.005	191.2	0.0222				
1258.80	0.005	191.4	0.0257				
1258.83	0.007	191.7	0.0311				
1258.87	0.011	191.9	0.0355				
1258.90	0.012	192.1	0.0382				
1258.93	0.013	192.4	0.0417				
1258.97	0.017	192.6	0.0417				
1259.02	0.017	192.8	0.0479				
1259.05	0.018	193.1	0.0506				
1259.08	0.021	193.3	0.0506				
1259.10	0.021	193.3	0.0541				
1259.13	0.021	193.5	0.0559				
1259.17	0.023	193.7	0.0595				
1259.20	0.025	194	0.0621				
1259.23	0.026	194.2	0.0639				
1259.27	0.026	194.4	0.0648				
1259.30	0.027	194.6	0.0648				
1259.33	0.028	194.6	0.0666				
1259.37	0.028	194.7	0.0683				
1259.40	0.028	194.9	0.0692				
1259.43	0.029	195	0.0701				
1259.47	0.029	195.1	0.0701				
1259.50	0.029	195.2	0.0701				
1259.53	0.028	195.3	0.0701				
1259.57	0.028	195.3	0.0701				
1259.60	0.028	195.4	0.0701				
1259.63	0.028	195.5	0.0683				
1259.67	0.026	195.5	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1259.70	0.025	195.5	0.0657				
1259.73	0.024	195.4	0.0639				
1259.77	0.022	195.3	0.0639				
1259.80	0.021	195.3	0.0612				
1259.83	0.021	195.3	0.0604				
1259.87	0.02	195.2	0.0568				
1259.90	0.017	195	0.0541				
1259.93	0.016	194.9	0.0515				
1259.97	0.014	194.8	0.0479				
1260.00	0.011	194.5	0.0479				
1260.03	0.009	194.5	0.0444				
1260.07	0.009	194.4	0.0417				
1260.10	0.008	194.2	0.0382				
1260.13	0.005	193.9	0.0346				
1260.17	0.003	193.7	0.0311				
1260.20	0.002	193.6	0.0257				
1260.23	-0.001	193.2	0.0257				
1260.27	-0.003	193	0.0222				
1260.30	-0.003	193	0.0186				
1260.33	-0.004	192.8	0.0142				
1260.37	-0.007	192.4	0.0107				
1260.40	-0.009	192.2	0.008				
1260.43	-0.01	192	0.0053				
1260.48	-0.012	191.7	0.0018				
1260.52	-0.012	191.5	0.0009				
1260.53	-0.013	191.3	-0.0018				
1260.57	-0.015	191.1	-0.0018				
1260.60	-0.015	190.9	-0.0036				
1260.63	-0.015	190.9	-0.0053				
1260.67	-0.016	190.7	-0.0071				
1260.70	-0.017	190.5	-0.008				
1260.73	-0.017	190.4	-0.0089				
1260.77	-0.017	190.2	-0.0089				
1260.80	-0.017	190.1	-0.0089				
1260.83	-0.017	190	-0.0089				
1260.87	-0.017	190	-0.0089				
1260.90	-0.017	190	-0.0089				
1260.93	-0.016	189.9	-0.008				
1260.97	-0.015	189.9	-0.0071				
1261.00	-0.015	189.9	-0.0062				
1261.03	-0.014	189.9	-0.0044				
1261.07	-0.011	190	-0.0044				
1261.10	-0.011	190	-0.0027				
1261.13	-0.011	190	-0.0009				
1261.17	-0.009	190.1	0.0018				
1261.20	-0.007	190.2	0.0044				
1261.23	-0.006	190.3	0.0071				
1261.27	-0.004	190.5	0.0107				
1261.30	-0.001	190.7	0.0107				
1261.33	0	190.7	0.0133				
1261.37	0	190.8	0.0169				
1261.40	0.002	191.1	0.0204				
1261.43	0.005	191.3	0.0249				
1261.47	0.006	191.5	0.0284				
1261.50	0.008	191.8	0.0328				
1261.53	0.012	192	0.0328				
1261.57	0.012	192	0.0373				
1261.60	0.012	192.2	0.0399				
1261.63	0.014	192.5	0.0444				
1261.67	0.018	192.7	0.0479				
1261.70	0.018	192.9	0.0506				
1261.73	0.02	193.2	0.0541				
1261.77	0.023	193.5	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1261.80	0.023	193.5	0.0577				
1261.83	0.023	193.6	0.0595				
1261.87	0.024	193.9	0.063				
1261.90	0.026	194.1	0.0648				
1261.95	0.027	194.3	0.0666				
1261.98	0.027	194.5	0.0666				
1262.00	0.027	194.6	0.0675				
1262.03	0.028	194.8	0.0692				
1262.07	0.028	194.9	0.0701				
1262.10	0.029	195.1	0.0701				
1262.13	0.029	195.2	0.071				
1262.17	0.029	195.2	0.071				
1262.20	0.029	195.3	0.071				
1262.23	0.029	195.4	0.071				
1262.27	0.028	195.5	0.0701				
1262.30	0.027	195.6	0.0692				
1262.33	0.026	195.5	0.0675				
1262.37	0.024	195.5	0.0675				
1262.40	0.023	195.5	0.0657				
1262.43	0.023	195.4	0.0639				
1262.47	0.022	195.4	0.0621				
1262.50	0.02	195.2	0.0595				
1262.53	0.019	195.2	0.0577				
1262.57	0.017	195	0.0541				
1262.60	0.014	194.9	0.0541				
1262.63	0.013	194.9	0.0506				
1262.67	0.013	194.8	0.0479				
1262.70	0.011	194.5	0.0444				
1262.73	0.007	194.3	0.0399				
1262.77	0.007	194.2	0.0373				
1262.80	0.005	193.9	0.0337				
1262.83	0.001	193.6	0.0337				
1262.87	0.001	193.6	0.0293				
1262.90	0.001	193.5	0.0257				
1262.93	-0.001	193.1	0.0213				
1262.97	-0.005	192.9	0.0178				
1263.00	-0.005	192.7	0.0151				
1263.03	-0.006	192.4	0.0107				
1263.07	-0.01	192.1	0.0107				
1263.10	-0.01	192.1	0.0071				
1263.13	-0.01	191.9	0.0053				
1263.17	-0.011	191.6	0.0027				
1263.20	-0.014	191.4	0				
1263.23	-0.014	191.2	-0.0027				
1263.27	-0.015	191	-0.0044				
1263.30	-0.016	190.8	-0.0044				
1263.33	-0.017	190.8	-0.0053				
1263.38	-0.017	190.5	-0.0071				
1263.42	-0.017	190.3	-0.0071				
1263.43	-0.017	190.3	-0.008				
1263.47	-0.017	190.2	-0.008				
1263.50	-0.017	190.1	-0.008				
1263.53	-0.017	190	-0.008				
1263.57	-0.016	189.9	-0.008				
1263.60	-0.016	189.9	-0.0062				
1263.63	-0.015	189.9	-0.0062				
1263.67	-0.014	189.9	-0.0053				
1263.70	-0.014	189.9	-0.0044				
1263.73	-0.013	189.9	-0.0027				
1263.77	-0.011	190	-0.0009				
1263.80	-0.01	190	0.0009				
1263.83	-0.009	190.1	0.0036				
1263.87	-0.006	190.3	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1263.90	-0.005	190.4	0.0071				
1263.93	-0.005	190.4	0.0089				
1263.97	-0.004	190.5	0.0115				
1264.00	-0.001	190.8	0.016				
1264.03	0.001	190.9	0.0186				
1264.07	0.003	191.1	0.0231				
1264.10	0.006	191.4	0.0275				
1264.13	0.008	191.6	0.0275				
1264.17	0.008	191.6	0.0302				
1264.20	0.009	191.8	0.0346				
1264.23	0.011	192.1	0.0382				
1264.27	0.014	192.3	0.0426				
1264.30	0.015	192.5	0.0444				
1264.33	0.017	192.8	0.0488				
1264.37	0.02	193.1	0.0488				
1264.40	0.021	193.1	0.0524				
1264.43	0.021	193.3	0.055				
1264.47	0.022	193.6	0.0577				
1264.50	0.024	193.8	0.0612				
1264.53	0.025	194	0.063				
1264.57	0.025	194.2	0.0648				
1264.60	0.027	194.4	0.0648				
1264.63	0.028	194.4	0.0666				
1264.67	0.028	194.6	0.0675				
1264.70	0.028	194.7	0.0692				
1264.73	0.029	194.9	0.0692				
1264.77	0.029	195	0.0701				
1264.80	0.029	195.1	0.0701				
1264.85	0.029	195.3	0.0701				
1264.88	0.028	195.4	0.0701				
1264.90	0.028	195.5	0.0701				
1264.93	0.028	195.5	0.0701				
1264.97	0.027	195.5	0.0692				
1265.00	0.027	195.5	0.0683				
1265.03	0.026	195.5	0.0657				
1265.07	0.024	195.5	0.0648				
1265.10	0.023	195.4	0.063				
1265.13	0.022	195.4	0.0604				
1265.17	0.019	195.2	0.0604				
1265.20	0.018	195.2	0.0586				
1265.23	0.018	195.1	0.055				
1265.27	0.017	195	0.0524				
1265.30	0.013	194.8	0.0488				
1265.33	0.012	194.7	0.0462				
1265.37	0.01	194.5	0.0426				
1265.40	0.007	194.2	0.0426				
1265.43	0.006	194.2	0.0391				
1265.47	0.006	194.1	0.0355				
1265.50	0.004	193.9	0.032				
1265.53	0	193.6	0.0257				
1265.57	0	193.4	0.024				
1265.60	-0.002	193.1	0.0195				
1265.63	-0.005	192.8	0.0195				
1265.67	-0.006	192.8	0.0151				
1265.70	-0.006	192.6	0.0124				
1265.73	-0.007	192.3	0.0089				
1265.77	-0.01	192	0.0053				
1265.80	-0.011	191.8	0.0027				
1265.83	-0.012	191.6	0				
1265.87	-0.014	191.3	0				
1265.90	-0.015	191.2	-0.0018				
1265.93	-0.015	191.2	-0.0036				
1265.97	-0.015	190.9	-0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1266.00	-0.016	190.7	-0.0071				
1266.03	-0.017	190.5	-0.008				
1266.07	-0.017	190.4	-0.0089				
1266.10	-0.017	190.3	-0.0089				
1266.13	-0.017	190.2	-0.0089				
1266.17	-0.017	190.2	-0.0089				
1266.20	-0.017	190.1	-0.0089				
1266.23	-0.017	190	-0.0089				
1266.28	-0.016	190	-0.008				
1266.32	-0.016	189.9	-0.0071				
1266.35	-0.015	189.9	-0.0062				
1266.37	-0.013	189.9	-0.0053				
1266.40	-0.013	189.9	-0.0036				
1266.43	-0.011	190.1	-0.0018				
1266.47	-0.009	190.1	-0.0018				
1266.50	-0.008	190.1	0.0009				
1266.53	-0.008	190.2	0.0036				
1266.57	-0.007	190.4	0.0062				
1266.60	-0.003	190.5	0.0098				
1266.63	-0.002	190.6	0.0124				
1266.67	-0.001	190.9	0.0151				
1266.70	0.003	191.1	0.0151				
1266.73	0.004	191.1	0.0195				
1266.77	0.004	191.2	0.0222				
1266.80	0.006	191.5	0.0275				
1266.83	0.009	191.7	0.0311				
1266.87	0.01	191.9	0.0346				
1266.90	0.012	192.2	0.0391				
1266.93	0.015	192.5	0.0391				
1266.97	0.016	192.5	0.0426				
1267.00	0.016	192.7	0.0453				
1267.03	0.017	192.9	0.0497				
1267.07	0.021	193.2	0.0533				
1267.10	0.021	193.4	0.055				
1267.13	0.023	193.6	0.0586				
1267.17	0.025	193.9	0.0586				
1267.20	0.025	193.9	0.0612				
1267.23	0.025	194.1	0.063				
1267.27	0.026	194.3	0.0648				
1267.30	0.027	194.5	0.0666				
1267.33	0.028	194.7	0.0675				
1267.37	0.028	194.8	0.0683				
1267.40	0.028	194.9	0.0683				
1267.43	0.029	195.1	0.0692				
1267.47	0.029	195.1	0.0701				
1267.50	0.029	195.2	0.0701				
1267.53	0.029	195.3	0.0701				
1267.57	0.029	195.4	0.0701				
1267.60	0.028	195.5	0.0683				
1267.63	0.027	195.5	0.0683				
1267.67	0.025	195.5	0.0675				
1267.70	0.025	195.5	0.0657				
1267.75	0.024	195.5	0.0639				
1267.78	0.022	195.4	0.0639				
1267.80	0.022	195.4	0.0621				
1267.83	0.021	195.4	0.0586				
1267.87	0.019	195.2	0.0559				
1267.90	0.016	195	0.0533				
1267.93	0.016	195	0.0515				
1267.97	0.014	194.8	0.0479				
1268.00	0.01	194.6	0.0479				
1268.03	0.009	194.6	0.0444				
1268.07	0.009	194.4	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1268.10	0.008	194.2	0.0373				
1268.13	0.004	194	0.0337				
1268.17	0.003	193.8	0.0302				
1268.20	0.002	193.5	0.0249				
1268.23	-0.002	193.2	0.0249				
1268.27	-0.003	193.2	0.0213				
1268.30	-0.003	193	0.0178				
1268.33	-0.004	192.7	0.0142				
1268.37	-0.008	192.5	0.0098				
1268.40	-0.008	192.3	0.0071				
1268.43	-0.01	192	0.0044				
1268.47	-0.012	191.7	0.0044				
1268.50	-0.012	191.7	0.0009				
1268.53	-0.012	191.5	-0.0009				
1268.57	-0.014	191.3	-0.0036				
1268.60	-0.016	191	-0.0053				
1268.63	-0.016	190.9	-0.0062				
1268.67	-0.016	190.7	-0.008				
1268.70	-0.017	190.5	-0.008				
1268.73	-0.017	190.5	-0.0089				
1268.77	-0.017	190.4	-0.0089				
1268.80	-0.017	190.2	-0.0098				
1268.83	-0.017	190.1	-0.0098				
1268.87	-0.017	190.1	-0.0098				
1268.90	-0.016	190	-0.0089				
1268.93	-0.016	190	-0.0089				
1268.97	-0.015	190	-0.008				
1269.00	-0.015	190	-0.0071				
1269.03	-0.014	189.9	-0.0053				
1269.07	-0.013	190	-0.0044				
1269.10	-0.011	190	-0.0018				
1269.13	-0.01	190.1	0				
1269.18	-0.008	190.3	0.0027				
1269.22	-0.007	190.3	0.0036				
1269.25	-0.006	190.4	0.0071				
1269.27	-0.003	190.6	0.0071				
1269.30	-0.001	190.7	0.0107				
1269.33	-0.001	190.7	0.0133				
1269.37	0	190.9	0.0169				
1269.40	0.003	191.2	0.0204				
1269.43	0.005	191.3	0.0231				
1269.47	0.006	191.5	0.0284				
1269.50	0.01	191.8	0.0284				
1269.53	0.011	192	0.0328				
1269.57	0.011	192	0.0364				
1269.60	0.013	192.2	0.0399				
1269.63	0.015	192.6	0.0435				
1269.67	0.017	192.8	0.047				
1269.70	0.018	193	0.0506				
1269.73	0.021	193.3	0.0541				
1269.77	0.022	193.5	0.0541				
1269.80	0.022	193.5	0.0559				
1269.83	0.023	193.7	0.0586				
1269.87	0.025	194	0.0621				
1269.90	0.026	194.2	0.0639				
1269.93	0.026	194.4	0.0648				
1269.97	0.027	194.6	0.0666				
1270.00	0.028	194.8	0.0666				
1270.03	0.029	194.8	0.0683				
1270.07	0.029	194.9	0.0692				
1270.10	0.029	195	0.0692				
1270.13	0.029	195.1	0.0692				
1270.17	0.029	195.3	0.0692				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1270.20	0.028	195.4	0.0692				
1270.23	0.028	195.5	0.0692				
1270.27	0.027	195.5	0.0692				
1270.30	0.027	195.6	0.0683				
1270.33	0.026	195.6	0.0675				
1270.37	0.025	195.5	0.0657				
1270.40	0.024	195.5	0.0639				
1270.43	0.023	195.4	0.0621				
1270.47	0.021	195.4	0.0621				
1270.50	0.02	195.4	0.0604				
1270.53	0.02	195.3	0.0577				
1270.57	0.018	195.1	0.0541				
1270.60	0.015	194.9	0.0515				
1270.65	0.014	194.8	0.0488				
1270.68	0.013	194.7	0.047				
1270.70	0.01	194.5	0.0426				
1270.73	0.009	194.4	0.0399				
1270.77	0.007	194.2	0.0364				
1270.80	0.003	193.9	0.0364				
1270.83	0.002	193.9	0.032				
1270.87	0.002	193.7	0.0293				
1270.90	0.001	193.5	0.024				
1270.93	-0.003	193.1	0.0195				
1270.97	-0.004	192.9	0.016				
1271.00	-0.005	192.7	0.0124				
1271.03	-0.008	192.4	0.0124				
1271.07	-0.01	192.1	0.0089				
1271.10	-0.01	192.1	0.0062				
1271.13	-0.01	191.9	0.0036				
1271.17	-0.012	191.6	0				
1271.20	-0.013	191.4	-0.0018				
1271.23	-0.014	191.2	-0.0036				
1271.27	-0.015	191	-0.0036				
1271.30	-0.016	190.8	-0.0053				
1271.33	-0.016	190.8	-0.0071				
1271.37	-0.016	190.6	-0.008				
1271.40	-0.017	190.5	-0.0089				
1271.43	-0.017	190.3	-0.0098				
1271.47	-0.017	190.2	-0.0098				
1271.50	-0.017	190.1	-0.0098				
1271.53	-0.017	190	-0.0098				
1271.57	-0.016	190	-0.0089				
1271.60	-0.016	190	-0.0089				
1271.63	-0.016	190	-0.008				
1271.67	-0.014	190	-0.0062				
1271.70	-0.013	190	-0.0053				
1271.73	-0.013	190	-0.0036				
1271.77	-0.01	190.1	-0.0036				
1271.80	-0.009	190.1	-0.0018				
1271.83	-0.009	190.2	0.0009				
1271.87	-0.008	190.3	0.0036				
1271.90	-0.005	190.4	0.0062				
1271.93	-0.004	190.5	0.0089				
1271.97	-0.002	190.7	0.0124				
1272.00	0.001	190.9	0.0124				
1272.03	0.001	190.9	0.016				
1272.07	0.001	191.1	0.0186				
1272.12	0.006	191.5	0.0231				
1272.15	0.007	191.5	0.0257				
1272.17	0.007	191.7	0.0302				
1272.20	0.009	191.9	0.0337				
1272.23	0.012	192.2	0.0373				
1272.27	0.013	192.4	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1272.30	0.015	192.6	0.0453				
1272.33	0.018	192.9	0.0453				
1272.37	0.019	192.9	0.0488				
1272.40	0.019	193.1	0.0515				
1272.43	0.02	193.4	0.055				
1272.47	0.023	193.6	0.0577				
1272.50	0.024	193.8	0.0604				
1272.53	0.025	194.1	0.063				
1272.57	0.026	194.3	0.063				
1272.60	0.027	194.5	0.0648				
1272.63	0.027	194.5	0.0657				
1272.67	0.028	194.7	0.0675				
1272.70	0.028	194.8	0.0683				
1272.73	0.029	195	0.0692				
1272.77	0.029	195.1	0.0692				
1272.80	0.029	195.2	0.0692				
1272.83	0.028	195.4	0.0692				
1272.87	0.028	195.4	0.0692				
1272.90	0.028	195.4	0.0701				
1272.93	0.028	195.5	0.0692				
1272.97	0.027	195.6	0.0683				
1273.00	0.026	195.6	0.0666				
1273.03	0.025	195.5	0.0666				
1273.07	0.023	195.5	0.0648				
1273.10	0.023	195.5	0.063				
1273.13	0.022	195.4	0.0612				
1273.17	0.02	195.3	0.0586				
1273.20	0.018	195.2	0.0559				
1273.23	0.017	195.1	0.0533				
1273.27	0.015	194.9	0.0533				
1273.30	0.012	194.8	0.0506				
1273.33	0.012	194.8	0.047				
1273.37	0.011	194.6	0.0444				
1273.40	0.009	194.4	0.0408				
1273.43	0.006	194.2	0.0364				
1273.47	0.006	194	0.0337				
1273.50	0.003	193.7	0.0293				
1273.55	0	193.5	0.0249				
1273.58	0	193.3	0.0222				
1273.62	-0.002	193	0.0186				
1273.63	-0.005	192.8	0.0186				
1273.67	-0.006	192.8	0.0151				
1273.70	-0.006	192.6	0.0115				
1273.73	-0.007	192.3	0.0089				
1273.77	-0.01	192	0.0053				
1273.80	-0.011	191.8	0.0027				
1273.83	-0.012	191.5	0				
1273.87	-0.014	191.3	0				
1273.90	-0.015	191.3	-0.0018				
1273.93	-0.015	191.2	-0.0036				
1273.97	-0.015	190.9	-0.0053				
1274.00	-0.017	190.7	-0.0071				
1274.03	-0.017	190.6	-0.008				
1274.07	-0.017	190.4	-0.008				
1274.10	-0.017	190.3	-0.008				
1274.13	-0.017	190.3	-0.0089				
1274.17	-0.017	190.2	-0.0089				
1274.20	-0.017	190.1	-0.0089				
1274.23	-0.016	190	-0.0089				
1274.27	-0.016	190	-0.008				
1274.30	-0.015	190	-0.0071				
1274.33	-0.014	190	-0.0071				
1274.37	-0.013	190	-0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1274.40	-0.013	190	-0.0036				
1274.43	-0.012	190	-0.0018				
1274.47	-0.01	190.1	0				
1274.50	-0.009	190.2	0.0027				
1274.53	-0.007	190.3	0.0053				
1274.57	-0.004	190.5	0.0053				
1274.60	-0.003	190.6	0.0089				
1274.63	-0.003	190.6	0.0107				
1274.67	-0.002	190.8	0.0142				
1274.70	0.001	191	0.0178				
1274.73	0.003	191.2	0.0213				
1274.77	0.005	191.4	0.0257				
1274.80	0.007	191.6	0.0257				
1274.83	0.01	191.9	0.0302				
1274.87	0.01	191.9	0.0346				
1274.90	0.011	192.1	0.0382				
1274.93	0.014	192.4	0.0417				
1274.97	0.015	192.6	0.0453				
1275.02	0.017	192.8	0.0497				
1275.05	0.018	193.1	0.0506				
1275.07	0.02	193.3	0.0541				
1275.10	0.021	193.5	0.0568				
1275.13	0.023	193.8	0.0568				
1275.17	0.024	194	0.0595				
1275.20	0.024	194	0.0621				
1275.23	0.025	194.2	0.0648				
1275.27	0.026	194.4	0.0666				
1275.30	0.027	194.6	0.0675				
1275.33	0.028	194.8	0.0692				
1275.37	0.028	194.9	0.0692				
1275.40	0.029	195	0.0701				
1275.43	0.029	195	0.071				
1275.47	0.029	195.2	0.071				
1275.50	0.029	195.3	0.071				
1275.53	0.029	195.4	0.071				
1275.57	0.028	195.5	0.071				
1275.60	0.028	195.6	0.0701				
1275.63	0.026	195.6	0.0701				
1275.67	0.025	195.6	0.0683				
1275.70	0.025	195.6	0.0675				
1275.73	0.024	195.6	0.0657				
1275.77	0.023	195.5	0.0639				
1275.80	0.022	195.4	0.0621				
1275.83	0.02	195.3	0.0586				
1275.87	0.017	195.2	0.0586				
1275.90	0.016	195.2	0.0568				
1275.93	0.016	195.1	0.0541				
1275.97	0.015	194.9	0.0506				
1276.00	0.011	194.7	0.047				
1276.03	0.01	194.6	0.0444				
1276.07	0.009	194.3	0.0399				
1276.10	0.005	194.1	0.0399				
1276.13	0.004	194.1	0.0364				
1276.17	0.004	193.9	0.0328				
1276.20	0.003	193.7	0.0293				
1276.23	-0.001	193.4	0.024				
1276.27	-0.002	193.2	0.0213				
1276.30	-0.003	192.9	0.0169				
1276.33	-0.007	192.6	0.0169				
1276.37	-0.007	192.6	0.0133				
1276.40	-0.007	192.4	0.0107				
1276.45	-0.011	191.9	0.0062				
1276.48	-0.012	191.9	0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1276.52	-0.012	191.7	0.0027				
1276.53	-0.012	191.5	0				
1276.57	-0.014	191.2	-0.0018				
1276.60	-0.015	191	-0.0036				
1276.63	-0.016	190.9	-0.0053				
1276.67	-0.017	190.7	-0.0053				
1276.70	-0.017	190.7	-0.0071				
1276.73	-0.017	190.5	-0.0071				
1276.77	-0.017	190.4	-0.008				
1276.80	-0.017	190.3	-0.008				
1276.83	-0.017	190.2	-0.008				
1276.87	-0.017	190.1	-0.008				
1276.90	-0.016	190	-0.008				
1276.93	-0.015	190	-0.0071				
1276.97	-0.015	190	-0.0062				
1277.00	-0.015	190	-0.0062				
1277.03	-0.014	190	-0.0044				
1277.07	-0.012	190	-0.0027				
1277.10	-0.011	190.1	-0.0009				
1277.13	-0.009	190.2	-0.0009				
1277.17	-0.008	190.3	0.0018				
1277.20	-0.008	190.3	0.0036				
1277.23	-0.006	190.4	0.0071				
1277.27	-0.004	190.6	0.0098				
1277.30	-0.002	190.7	0.0124				
1277.33	-0.001	190.8	0.016				
1277.37	0.002	191.1	0.016				
1277.40	0.004	191.3	0.0204				
1277.43	0.004	191.3	0.0222				
1277.47	0.005	191.5	0.0284				
1277.50	0.009	191.8	0.0328				
1277.53	0.011	192	0.0355				
1277.57	0.012	192.2	0.0391				
1277.60	0.014	192.5	0.0435				
1277.63	0.017	192.7	0.0435				
1277.67	0.017	192.7	0.0462				
1277.70	0.017	192.9	0.0497				
1277.73	0.019	193.2	0.0533				
1277.77	0.022	193.5	0.0568				
1277.80	0.022	193.7	0.0586				
1277.83	0.023	193.9	0.0612				
1277.87	0.025	194.1	0.0612				
1277.92	0.026	194.3	0.0648				
1277.95	0.027	194.5	0.0666				
1277.97	0.027	194.7	0.0666				
1278.00	0.028	194.7	0.0675				
1278.03	0.028	194.8	0.0683				
1278.07	0.029	195	0.0701				
1278.10	0.029	195.1	0.0701				
1278.13	0.029	195.2	0.0701				
1278.17	0.029	195.4	0.071				
1278.20	0.029	195.5	0.071				
1278.23	0.028	195.5	0.071				
1278.27	0.028	195.6	0.0701				
1278.30	0.027	195.6	0.0692				
1278.33	0.026	195.6	0.0675				
1278.37	0.025	195.6	0.0666				
1278.40	0.024	195.6	0.0648				
1278.43	0.022	195.5	0.0648				
1278.47	0.021	195.5	0.0621				
1278.50	0.021	195.4	0.0604				
1278.53	0.019	195.3	0.0577				
1278.57	0.017	195.1	0.055				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1278.60	0.016	195	0.0524				
1278.63	0.014	194.9	0.0488				
1278.67	0.011	194.7	0.0488				
1278.70	0.009	194.7	0.0444				
1278.73	0.009	194.5	0.0426				
1278.77	0.008	194.3	0.0382				
1278.80	0.004	194	0.0346				
1278.83	0.003	193.8	0.0311				
1278.87	0.002	193.6	0.0275				
1278.90	-0.002	193.3	0.0275				
1278.93	-0.003	193.1	0.0213				
1278.97	-0.003	193.1	0.0186				
1279.00	-0.005	192.9	0.0142				
1279.03	-0.007	192.5	0.0115				
1279.07	-0.009	192.3	0.008				
1279.10	-0.01	192.1	0.0053				
1279.13	-0.012	191.8	0.0053				
1279.17	-0.013	191.5	0.0018				
1279.20	-0.013	191.5	0				
1279.23	-0.014	191.3	-0.0018				
1279.27	-0.015	191.1	-0.0044				
1279.30	-0.016	190.9	-0.0053				
1279.33	-0.016	190.7	-0.0062				
1279.38	-0.017	190.6	-0.008				
1279.42	-0.017	190.4	-0.008				
1279.43	-0.017	190.3	-0.0089				
1279.47	-0.017	190.2	-0.0089				
1279.50	-0.017	190.1	-0.0089				
1279.53	-0.017	190.1	-0.0089				
1279.57	-0.017	190	-0.0089				
1279.60	-0.016	190	-0.008				
1279.63	-0.015	190	-0.0071				
1279.67	-0.015	189.9	-0.0062				
1279.70	-0.014	190	-0.0044				
1279.73	-0.011	190	-0.0044				
1279.77	-0.011	190	-0.0027				
1279.80	-0.011	190.1	-0.0009				
1279.83	-0.01	190.2	0.0018				
1279.87	-0.007	190.3	0.0044				
1279.90	-0.006	190.4	0.0071				
1279.93	-0.004	190.6	0.0098				
1279.97	-0.001	190.8	0.0098				
1280.00	0	190.8	0.0142				
1280.03	0	190.9	0.0169				
1280.07	0.002	191.2	0.0204				
1280.10	0.005	191.4	0.024				
1280.13	0.007	191.5	0.0284				
1280.17	0.008	191.8	0.0328				
1280.20	0.012	192.1	0.0328				
1280.23	0.012	192.1	0.0373				
1280.27	0.012	192.3	0.0399				
1280.30	0.014	192.6	0.0435				
1280.33	0.018	192.8	0.0479				
1280.37	0.019	193	0.0506				
1280.40	0.02	193.3	0.0541				
1280.43	0.022	193.5	0.0541				
1280.47	0.023	193.5	0.0568				
1280.50	0.023	193.7	0.0586				
1280.53	0.024	194	0.0612				
1280.57	0.026	194.2	0.0639				
1280.60	0.026	194.4	0.0648				
1280.63	0.027	194.6	0.0675				
1280.67	0.028	194.8	0.0675				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1280.70	0.029	194.8	0.0683				
1280.73	0.029	194.9	0.0692				
1280.77	0.029	195.1	0.0701				
1280.82	0.029	195.2	0.0701				
1280.85	0.029	195.3	0.0701				
1280.87	0.028	195.4	0.0701				
1280.90	0.028	195.5	0.0701				
1280.93	0.028	195.6	0.0692				
1280.97	0.027	195.6	0.0675				
1281.00	0.025	195.6	0.0675				
1281.03	0.024	195.6	0.0666				
1281.07	0.024	195.6	0.0648				
1281.10	0.023	195.6	0.063				
1281.13	0.021	195.4	0.0612				
1281.17	0.021	195.4	0.0595				
1281.20	0.019	195.2	0.0559				
1281.23	0.016	195.1	0.0559				
1281.27	0.015	195.1	0.0524				
1281.30	0.015	195	0.0506				
1281.33	0.013	194.8	0.0462				
1281.37	0.009	194.6	0.0426				
1281.40	0.009	194.4	0.0399				
1281.43	0.007	194.2	0.0364				
1281.47	0.004	193.9	0.0364				
1281.50	0.002	193.9	0.032				
1281.53	0.002	193.7	0.0284				
1281.57	0.001	193.5	0.024				
1281.60	-0.003	193.2	0.0195				
1281.63	-0.004	193	0.0169				
1281.67	-0.005	192.8	0.0133				
1281.70	-0.007	192.4	0.0133				
1281.73	-0.009	192.2	0.0098				
1281.77	-0.009	192.2	0.0062				
1281.80	-0.01	191.9	0.0036				
1281.83	-0.012	191.7	0				
1281.87	-0.014	191.4	-0.0018				
1281.90	-0.014	191.2	-0.0036				
1281.93	-0.015	191	-0.0036				
1281.97	-0.016	190.8	-0.0053				
1282.00	-0.016	190.8	-0.0062				
1282.03	-0.016	190.7	-0.008				
1282.07	-0.017	190.5	-0.0089				
1282.10	-0.017	190.4	-0.0089				
1282.13	-0.017	190.2	-0.0098				
1282.17	-0.017	190.1	-0.0098				
1282.20	-0.017	190.1	-0.0089				
1282.23	-0.017	190.1	-0.0089				
1282.28	-0.016	190	-0.0089				
1282.32	-0.015	190	-0.008				
1282.33	-0.015	190	-0.0071				
1282.37	-0.014	190	-0.0053				
1282.40	-0.013	190	-0.0036				
1282.43	-0.011	190.1	-0.0018				
1282.47	-0.01	190.1	0				
1282.50	-0.008	190.3	0.0027				
1282.53	-0.006	190.4	0.0027				
1282.57	-0.005	190.4	0.0053				
1282.60	-0.005	190.5	0.0071				
1282.63	-0.003	190.7	0.0115				
1282.67	0	190.9	0.0151				
1282.70	0.001	191	0.0178				
1282.73	0.003	191.2	0.0213				
1282.77	0.006	191.5	0.0213				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1282.80	0.007	191.5	0.0257				
1282.83	0.007	191.6	0.0302				
1282.87	0.009	191.9	0.0337				
1282.90	0.012	192.2	0.0373				
1282.93	0.013	192.4	0.0408				
1282.97	0.015	192.7	0.0453				
1283.00	0.018	192.9	0.0453				
1283.03	0.019	192.9	0.0488				
1283.07	0.019	193.1	0.0524				
1283.10	0.02	193.4	0.055				
1283.13	0.023	193.6	0.0577				
1283.17	0.024	193.9	0.0604				
1283.20	0.025	194.1	0.0621				
1283.23	0.027	194.3	0.0621				
1283.27	0.027	194.3	0.0648				
1283.30	0.027	194.5	0.0657				
1283.33	0.027	194.7	0.0675				
1283.37	0.028	194.8	0.0683				
1283.40	0.028	195	0.0692				
1283.43	0.029	195.1	0.0692				
1283.47	0.029	195.2	0.0692				
1283.50	0.029	195.2	0.0701				
1283.53	0.029	195.4	0.0701				
1283.57	0.029	195.5	0.0701				
1283.60	0.028	195.6	0.0692				
1283.63	0.027	195.6	0.0675				
1283.67	0.026	195.6	0.0666				
1283.72	0.024	195.5	0.0648				
1283.75	0.024	195.6	0.0639				
1283.78	0.023	195.5	0.0621				
1283.80	0.021	195.4	0.0621				
1283.83	0.019	195.4	0.0595				
1283.87	0.019	195.3	0.0577				
1283.90	0.018	195.2	0.0541				
1283.93	0.015	195	0.0515				
1283.97	0.014	194.9	0.0488				
1284.00	0.012	194.7	0.0453				
1284.03	0.009	194.5	0.0453				
1284.07	0.008	194.5	0.0408				
1284.10	0.008	194.3	0.0382				
1284.13	0.006	194.1	0.0346				
1284.17	0.002	193.8	0.0302				
1284.20	0.001	193.6	0.0275				
1284.23	0	193.4	0.0222				
1284.27	-0.003	193.1	0.0222				
1284.30	-0.005	193.1	0.0178				
1284.33	-0.005	192.9	0.0151				
1284.37	-0.006	192.6	0.0115				
1284.40	-0.009	192.3	0.008				
1284.43	-0.01	192.1	0.0053				
1284.47	-0.011	191.9	0.0027				
1284.50	-0.013	191.6	0.0027				
1284.53	-0.014	191.4	-0.0009				
1284.57	-0.014	191.4	-0.0027				
1284.60	-0.014	191.2	-0.0044				
1284.63	-0.016	190.9	-0.0062				
1284.67	-0.016	190.8	-0.008				
1284.70	-0.017	190.6	-0.0089				
1284.73	-0.017	190.4	-0.0089				
1284.77	-0.017	190.3	-0.0098				
1284.80	-0.017	190.3	-0.0098				
1284.83	-0.017	190.2	-0.0098				
1284.87	-0.017	190.1	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1284.90	-0.016	190.1	-0.0089				
1284.93	-0.016	190	-0.008				
1284.97	-0.015	190	-0.008				
1285.00	-0.014	190	-0.0071				
1285.03	-0.014	190	-0.0062				
1285.07	-0.013	190	-0.0036				
1285.10	-0.011	190.1	-0.0027				
1285.13	-0.01	190.2	-0.0009				
1285.18	-0.009	190.2	0.0027				
1285.22	-0.007	190.3	0.0036				
1285.23	-0.006	190.4	0.0062				
1285.27	-0.004	190.5	0.0098				
1285.30	-0.002	190.8	0.0133				
1285.33	0.001	191	0.0133				
1285.37	0.001	191	0.016				
1285.40	0.002	191.2	0.0195				
1285.43	0.004	191.4	0.024				
1285.47	0.007	191.6	0.0284				
1285.50	0.009	191.8	0.032				
1285.53	0.01	192.1	0.0355				
1285.57	0.013	192.3	0.0355				
1285.60	0.014	192.3	0.0391				
1285.63	0.014	192.5	0.0426				
1285.67	0.016	192.8	0.047				
1285.70	0.019	193	0.0497				
1285.73	0.02	193.3	0.0524				
1285.77	0.021	193.6	0.0559				
1285.80	0.024	193.8	0.0559				
1285.83	0.025	193.8	0.0595				
1285.87	0.025	194	0.0612				
1285.90	0.025	194.2	0.063				
1285.93	0.027	194.4	0.0657				
1285.97	0.027	194.6	0.0657				
1286.00	0.027	194.7	0.0675				
1286.03	0.028	194.9	0.0675				
1286.07	0.029	194.9	0.0692				
1286.10	0.029	195.1	0.0692				
1286.13	0.029	195.2	0.0692				
1286.17	0.029	195.3	0.0692				
1286.20	0.028	195.4	0.0692				
1286.23	0.028	195.5	0.0692				
1286.27	0.028	195.6	0.0692				
1286.30	0.026	195.6	0.0692				
1286.33	0.026	195.6	0.0675				
1286.37	0.026	195.6	0.0657				
1286.40	0.024	195.6	0.0639				
1286.43	0.023	195.5	0.063				
1286.47	0.022	195.5	0.0604				
1286.50	0.019	195.3	0.0604				
1286.53	0.018	195.3	0.0577				
1286.57	0.018	195.2	0.055				
1286.62	0.015	194.9	0.0524				
1286.65	0.013	194.9	0.0506				
1286.68	0.013	194.8	0.0479				
1286.70	0.011	194.6	0.0435				
1286.73	0.008	194.4	0.0399				
1286.77	0.007	194.2	0.0373				
1286.80	0.005	194	0.0337				
1286.83	0.002	193.7	0.0337				
1286.87	0	193.5	0.0293				
1286.90	0	193.5	0.0249				
1286.93	-0.001	193.3	0.0213				
1286.97	-0.004	193	0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1287.00	-0.006	192.7	0.0133				
1287.03	-0.007	192.5	0.0107				
1287.07	-0.009	192.2	0.0107				
1287.10	-0.011	191.9	0.0062				
1287.13	-0.011	191.9	0.0036				
1287.17	-0.011	191.8	0.0009				
1287.20	-0.013	191.5	-0.0009				
1287.23	-0.015	191.3	-0.0036				
1287.27	-0.015	191.1	-0.0044				
1287.30	-0.016	190.9	-0.0044				
1287.33	-0.017	190.7	-0.0062				
1287.37	-0.017	190.7	-0.0071				
1287.40	-0.017	190.6	-0.0089				
1287.43	-0.017	190.4	-0.0089				
1287.47	-0.017	190.3	-0.0089				
1287.50	-0.017	190.2	-0.0089				
1287.53	-0.017	190.1	-0.0089				
1287.57	-0.016	190	-0.0089				
1287.60	-0.016	190	-0.008				
1287.63	-0.016	190	-0.0071				
1287.67	-0.015	190	-0.0062				
1287.70	-0.013	190	-0.0053				
1287.73	-0.012	190	-0.0027				
1287.77	-0.011	190.1	-0.0009				
1287.80	-0.009	190.2	-0.0009				
1287.83	-0.009	190.2	0.0009				
1287.87	-0.008	190.3	0.0027				
1287.90	-0.006	190.5	0.0062				
1287.93	-0.003	190.6	0.0098				
1287.97	-0.002	190.7	0.0124				
1288.00	0	190.9	0.016				
1288.03	0.002	191.2	0.016				
1288.08	0.003	191.3	0.0213				
1288.12	0.004	191.5	0.0249				
1288.13	0.008	191.7	0.0249				
1288.17	0.009	191.7	0.0293				
1288.20	0.009	191.9	0.0337				
1288.23	0.011	192.2	0.0373				
1288.27	0.014	192.4	0.0417				
1288.30	0.015	192.6	0.0444				
1288.33	0.017	192.9	0.0479				
1288.37	0.019	193.2	0.0479				
1288.40	0.021	193.2	0.0524				
1288.43	0.021	193.4	0.0541				
1288.47	0.022	193.7	0.0577				
1288.50	0.024	193.9	0.0604				
1288.53	0.025	194.1	0.0621				
1288.57	0.026	194.3	0.0639				
1288.60	0.027	194.5	0.0639				
1288.63	0.027	194.5	0.0666				
1288.67	0.027	194.7	0.0666				
1288.70	0.028	194.8	0.0683				
1288.73	0.028	195	0.0692				
1288.77	0.029	195.1	0.0701				
1288.80	0.029	195.3	0.0701				
1288.83	0.029	195.4	0.0701				
1288.87	0.028	195.4	0.0701				
1288.90	0.028	195.5	0.0701				
1288.93	0.028	195.6	0.0692				
1288.97	0.027	195.6	0.0683				
1289.00	0.026	195.6	0.0675				
1289.03	0.025	195.6	0.0648				
1289.07	0.023	195.6	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1289.10	0.022	195.6	0.063				
1289.13	0.022	195.5	0.0621				
1289.17	0.021	195.4	0.0595				
1289.20	0.018	195.2	0.0559				
1289.23	0.017	195.1	0.0541				
1289.27	0.016	195	0.0506				
1289.30	0.013	194.8	0.0506				
1289.33	0.011	194.8	0.047				
1289.37	0.011	194.7	0.0444				
1289.40	0.01	194.5	0.0408				
1289.43	0.006	194.2	0.0364				
1289.47	0.005	194.1	0.0337				
1289.50	0.003	193.9	0.0293				
1289.55	0	193.5	0.0249				
1289.58	0	193.4	0.0231				
1289.60	-0.002	193.2	0.0186				
1289.63	-0.005	192.8	0.0186				
1289.67	-0.007	192.6	0.0151				
1289.70	-0.007	192.6	0.0115				
1289.73	-0.007	192.4	0.0089				
1289.77	-0.01	192.1	0.0053				
1289.80	-0.011	191.9	0.0027				
1289.83	-0.012	191.6	0				
1289.87	-0.014	191.4	0				
1289.90	-0.015	191.2	-0.0027				
1289.93	-0.015	191.2	-0.0036				
1289.97	-0.016	191	-0.0053				
1290.00	-0.016	190.8	-0.0071				
1290.03	-0.017	190.6	-0.008				
1290.07	-0.017	190.5	-0.0089				
1290.10	-0.017	190.4	-0.0089				
1290.13	-0.017	190.2	-0.0089				
1290.17	-0.017	190.2	-0.0089				
1290.20	-0.017	190.2	-0.0089				
1290.23	-0.017	190.1	-0.0089				
1290.27	-0.016	190	-0.008				
1290.30	-0.015	190	-0.0062				
1290.33	-0.014	190	-0.0053				
1290.37	-0.012	190	-0.0053				
1290.40	-0.012	190	-0.0036				
1290.43	-0.012	190	-0.0027				
1290.47	-0.011	190.2	0				
1290.50	-0.008	190.3	0.0018				
1290.53	-0.007	190.3	0.0044				
1290.57	-0.006	190.5	0.0071				
1290.60	-0.003	190.7	0.0071				
1290.63	-0.002	190.7	0.0107				
1290.67	-0.002	190.8	0.0133				
1290.70	0	191.1	0.0169				
1290.73	0.003	191.3	0.0213				
1290.77	0.005	191.4	0.0249				
1290.80	0.006	191.7	0.0293				
1290.83	0.01	191.9	0.0293				
1290.87	0.011	191.9	0.0337				
1290.90	0.011	192.1	0.0373				
1290.93	0.013	192.4	0.0408				
1290.98	0.016	192.6	0.0453				
1291.02	0.016	192.8	0.047				
1291.05	0.018	193.1	0.0506				
1291.07	0.02	193.3	0.0533				
1291.10	0.021	193.5	0.0559				
1291.13	0.022	193.8	0.0586				
1291.17	0.025	194	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1291.20	0.025	194	0.0612				
1291.23	0.025	194.2	0.063				
1291.27	0.026	194.4	0.0657				
1291.30	0.027	194.6	0.0666				
1291.33	0.028	194.8	0.0683				
1291.37	0.028	195	0.0692				
1291.40	0.029	195.1	0.0692				
1291.43	0.029	195.1	0.0701				
1291.47	0.029	195.3	0.071				
1291.50	0.029	195.4	0.0701				
1291.53	0.029	195.5	0.0701				
1291.57	0.029	195.6	0.0701				
1291.60	0.028	195.6	0.0692				
1291.63	0.026	195.6	0.0692				
1291.67	0.025	195.6	0.0675				
1291.70	0.025	195.6	0.0666				
1291.73	0.025	195.6	0.0648				
1291.77	0.022	195.5	0.063				
1291.80	0.021	195.5	0.0612				
1291.83	0.02	195.4	0.0586				
1291.87	0.017	195.2	0.0586				
1291.90	0.016	195.2	0.0559				
1291.93	0.016	195.2	0.0541				
1291.97	0.015	195	0.0506				
1292.00	0.012	194.8	0.047				
1292.03	0.01	194.6	0.0435				
1292.07	0.009	194.4	0.0391				
1292.10	0.006	194.2	0.0391				
1292.13	0.004	194	0.0355				
1292.17	0.004	194	0.0328				
1292.20	0.003	193.8	0.0284				
1292.23	-0.001	193.5	0.024				
1292.27	-0.002	193.2	0.0204				
1292.30	-0.003	193	0.0169				
1292.33	-0.006	192.6	0.0169				
1292.37	-0.008	192.4	0.0133				
1292.40	-0.008	192.4	0.0098				
1292.45	-0.011	192	0.0053				
1292.48	-0.012	191.8	0.0044				
1292.50	-0.012	191.8	0.0027				
1292.53	-0.012	191.5	0				
1292.57	-0.014	191.3	-0.0027				
1292.60	-0.016	191.1	-0.0044				
1292.63	-0.016	190.9	-0.0053				
1292.67	-0.016	190.7	-0.0071				
1292.70	-0.017	190.6	-0.0071				
1292.73	-0.017	190.6	-0.008				
1292.77	-0.017	190.4	-0.008				
1292.80	-0.017	190.3	-0.0089				
1292.83	-0.017	190.2	-0.0089				
1292.87	-0.017	190.1	-0.0089				
1292.90	-0.017	190.1	-0.008				
1292.93	-0.016	190	-0.008				
1292.97	-0.015	190	-0.0071				
1293.00	-0.015	190	-0.0062				
1293.03	-0.014	190	-0.0044				
1293.07	-0.012	190.1	-0.0027				
1293.10	-0.011	190.1	-0.0009				
1293.13	-0.01	190.2	0.0009				
1293.17	-0.007	190.3	0.0009				
1293.20	-0.007	190.3	0.0036				
1293.23	-0.007	190.4	0.0062				
1293.27	-0.005	190.6	0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1293.30	-0.001	190.8	0.0133				
1293.33	0	190.9	0.016				
1293.37	0.001	191.1	0.0195				
1293.40	0.005	191.3	0.0195				
1293.43	0.005	191.3	0.0231				
1293.47	0.005	191.5	0.0275				
1293.50	0.007	191.8	0.032				
1293.53	0.011	192	0.0364				
1293.57	0.012	192.2	0.0391				
1293.60	0.013	192.5	0.0426				
1293.63	0.017	192.8	0.0426				
1293.67	0.017	192.8	0.047				
1293.70	0.017	193	0.0497				
1293.73	0.019	193.2	0.0533				
1293.77	0.022	193.5	0.0568				
1293.80	0.022	193.7	0.0586				
1293.83	0.024	193.9	0.0612				
1293.88	0.026	194.2	0.0639				
1293.92	0.026	194.3	0.0648				
1293.95	0.027	194.5	0.0666				
1293.97	0.028	194.7	0.0666				
1294.00	0.028	194.7	0.0683				
1294.03	0.028	194.9	0.0692				
1294.07	0.028	195	0.0692				
1294.10	0.029	195.2	0.0701				
1294.13	0.029	195.3	0.071				
1294.17	0.029	195.4	0.071				
1294.20	0.029	195.5	0.071				
1294.23	0.028	195.6	0.0701				
1294.27	0.028	195.6	0.0701				
1294.30	0.028	195.7	0.0683				
1294.33	0.026	195.6	0.0675				
1294.37	0.025	195.7	0.0657				
1294.40	0.024	195.6	0.0639				
1294.43	0.022	195.5	0.0639				
1294.47	0.021	195.5	0.0621				
1294.50	0.021	195.5	0.0604				
1294.53	0.02	195.4	0.0577				
1294.57	0.018	195.2	0.055				
1294.60	0.015	195	0.0515				
1294.63	0.014	195	0.0479				
1294.67	0.011	194.7	0.0479				
1294.70	0.009	194.5	0.0444				
1294.73	0.009	194.5	0.0408				
1294.77	0.007	194.4	0.0373				
1294.80	0.005	194.1	0.0337				
1294.83	0.003	193.9	0.0311				
1294.87	0.002	193.7	0.0257				
1294.90	-0.001	193.3	0.0257				
1294.93	-0.004	193.1	0.0213				
1294.97	-0.004	193.1	0.0178				
1295.00	-0.005	192.9	0.0142				
1295.03	-0.007	192.6	0.0107				
1295.07	-0.009	192.3	0.008				
1295.10	-0.01	192.1	0.0044				
1295.13	-0.012	191.8	0.0044				
1295.17	-0.013	191.6	0.0018				
1295.20	-0.013	191.6	-0.0009				
1295.23	-0.014	191.4	-0.0027				
1295.27	-0.015	191.2	-0.0044				
1295.30	-0.016	191	-0.0062				
1295.35	-0.016	190.8	-0.0071				
1295.38	-0.016	190.6	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1295.40	-0.017	190.5	-0.0089				
1295.43	-0.017	190.3	-0.0098				
1295.47	-0.017	190.2	-0.0098				
1295.50	-0.017	190.2	-0.0098				
1295.53	-0.017	190.2	-0.0098				
1295.57	-0.017	190.1	-0.0089				
1295.60	-0.016	190.1	-0.0089				
1295.63	-0.015	190	-0.008				
1295.67	-0.014	190	-0.0062				
1295.70	-0.014	190	-0.0053				
1295.73	-0.012	190.1	-0.0053				
1295.77	-0.011	190.1	-0.0036				
1295.80	-0.011	190.1	-0.0018				
1295.83	-0.009	190.2	0.0009				
1295.87	-0.007	190.4	0.0036				
1295.90	-0.006	190.4	0.0062				
1295.93	-0.004	190.7	0.0098				
1295.97	-0.001	190.8	0.0098				
1296.00	0	190.8	0.0133				
1296.03	0	191	0.016				
1296.07	0.002	191.2	0.0195				
1296.10	0.005	191.4	0.024				
1296.13	0.006	191.6	0.0284				
1296.17	0.008	191.9	0.032				
1296.20	0.012	192.1	0.032				
1296.23	0.013	192.1	0.0364				
1296.27	0.013	192.3	0.0399				
1296.30	0.014	192.6	0.0435				
1296.33	0.018	192.9	0.047				
1296.37	0.018	193.1	0.0497				
1296.40	0.02	193.4	0.0533				
1296.43	0.023	193.6	0.0533				
1296.47	0.023	193.6	0.0559				
1296.50	0.023	193.8	0.0577				
1296.53	0.024	194.1	0.0612				
1296.57	0.026	194.3	0.0639				
1296.60	0.027	194.5	0.0648				
1296.63	0.027	194.7	0.0666				
1296.67	0.028	194.8	0.0666				
1296.70	0.028	194.8	0.0675				
1296.73	0.028	195	0.0683				
1296.78	0.029	195.2	0.0692				
1296.82	0.029	195.2	0.0692				
1296.85	0.029	195.4	0.0692				
1296.87	0.029	195.5	0.0692				
1296.90	0.028	195.6	0.0692				
1296.93	0.028	195.7	0.0683				
1296.97	0.027	195.7	0.0675				
1297.00	0.025	195.6	0.0675				
1297.03	0.024	195.6	0.0657				
1297.07	0.024	195.6	0.0639				
1297.10	0.023	195.6	0.0621				
1297.13	0.022	195.5	0.0604				
1297.17	0.02	195.4	0.0577				
1297.20	0.019	195.3	0.0559				
1297.23	0.017	195.1	0.0559				
1297.27	0.014	195	0.0524				
1297.30	0.014	195	0.0497				
1297.33	0.013	194.9	0.0462				
1297.37	0.01	194.6	0.0417				
1297.40	0.008	194.5	0.0399				
1297.43	0.007	194.3	0.0364				
1297.47	0.004	194	0.0364				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1297.50	0.002	193.8	0.0311				
1297.53	0.002	193.8	0.0284				
1297.57	0.001	193.6	0.0231				
1297.60	-0.002	193.3	0.0186				
1297.63	-0.004	193	0.016				
1297.67	-0.005	192.8	0.0115				
1297.70	-0.007	192.5	0.0089				
1297.73	-0.01	192.2	0.0089				
1297.77	-0.01	192.2	0.0053				
1297.80	-0.01	192	0.0027				
1297.83	-0.012	191.7	0				
1297.87	-0.014	191.5	-0.0027				
1297.90	-0.014	191.3	-0.0036				
1297.93	-0.015	191.1	-0.0062				
1297.97	-0.017	190.9	-0.0062				
1298.00	-0.016	190.9	-0.008				
1298.03	-0.016	190.7	-0.008				
1298.07	-0.017	190.6	-0.0089				
1298.10	-0.017	190.4	-0.0098				
1298.13	-0.017	190.3	-0.0098				
1298.17	-0.017	190.2	-0.0098				
1298.20	-0.016	190.2	-0.0098				
1298.25	-0.016	190.1	-0.0098				
1298.28	-0.016	190	-0.0089				
1298.30	-0.015	190	-0.0089				
1298.33	-0.014	190	-0.0071				
1298.37	-0.014	190	-0.0062				
1298.40	-0.013	190.1	-0.0053				
1298.43	-0.011	190.1	-0.0027				
1298.47	-0.01	190.2	-0.0009				
1298.50	-0.009	190.3	0.0018				
1298.53	-0.006	190.4	0.0018				
1298.57	-0.005	190.4	0.0044				
1298.60	-0.005	190.5	0.0071				
1298.63	-0.004	190.7	0.0107				
1298.67	0	190.9	0.0142				
1298.70	0.001	191	0.0178				
1298.73	0.003	191.3	0.0213				
1298.77	0.007	191.5	0.0213				
1298.80	0.007	191.5	0.0257				
1298.83	0.007	191.7	0.0293				
1298.87	0.009	192	0.0328				
1298.90	0.012	192.3	0.0373				
1298.93	0.013	192.4	0.0399				
1298.97	0.015	192.7	0.0453				
1299.00	0.018	193	0.0453				
1299.03	0.019	193	0.0488				
1299.07	0.019	193.2	0.0515				
1299.10	0.02	193.5	0.055				
1299.13	0.023	193.7	0.0577				
1299.17	0.023	193.9	0.0595				
1299.20	0.024	194.1	0.0621				
1299.23	0.026	194.4	0.0621				
1299.27	0.027	194.4	0.0639				
1299.30	0.027	194.5	0.0657				
1299.33	0.027	194.7	0.0666				
1299.37	0.028	194.9	0.0683				
1299.40	0.029	195	0.0683				
1299.43	0.029	195.2	0.0692				
1299.47	0.029	195.3	0.0692				
1299.50	0.029	195.3	0.0692				
1299.53	0.029	195.4	0.0692				
1299.57	0.028	195.6	0.0692				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1299.60	0.028	195.6	0.0683				
1299.63	0.027	195.6	0.0675				
1299.67	0.026	195.7	0.0666				
1299.72	0.024	195.6	0.0639				
1299.75	0.024	195.7	0.063				
1299.77	0.023	195.6	0.0612				
1299.80	0.021	195.5	0.0612				
1299.83	0.019	195.4	0.0595				
1299.87	0.019	195.4	0.0577				
1299.90	0.018	195.3	0.0541				
1299.93	0.015	195.1	0.0506				
1299.97	0.013	194.9	0.0479				
1300.00	0.012	194.8	0.0453				
1300.03	0.01	194.6	0.0453				
1300.07	0.007	194.4	0.0417				
1300.10	0.007	194.4	0.0373				
1300.13	0.006	194.2	0.0337				
1300.17	0.003	193.9	0.0302				
1300.20	0.001	193.7	0.0257				
1300.23	0	193.5	0.0222				
1300.27	-0.003	193.2	0.0222				
1300.30	-0.005	192.9	0.0178				
1300.33	-0.005	192.9	0.0151				
1300.37	-0.006	192.7	0.0107				
1300.40	-0.008	192.4	0.0071				
1300.43	-0.01	192.1	0.0044				
1300.47	-0.011	191.9	0.0018				
1300.50	-0.012	191.6	0.0018				
1300.53	-0.014	191.4	-0.0009				
1300.57	-0.014	191.4	-0.0036				
1300.60	-0.014	191.2	-0.0044				
1300.63	-0.016	191	-0.0071				
1300.67	-0.017	190.8	-0.008				
1300.70	-0.017	190.7	-0.0089				
1300.73	-0.017	190.5	-0.0089				
1300.77	-0.017	190.4	-0.0098				
1300.80	-0.017	190.4	-0.0098				
1300.83	-0.017	190.3	-0.0098				
1300.87	-0.017	190.2	-0.0098				
1300.90	-0.016	190.1	-0.0098				
1300.93	-0.016	190.1	-0.0089				
1300.97	-0.015	190.1	-0.008				
1301.00	-0.014	190.1	-0.008				
1301.03	-0.013	190.1	-0.0062				
1301.07	-0.013	190.1	-0.0053				
1301.10	-0.012	190.2	-0.0036				
1301.15	-0.01	190.2	-0.0018				
1301.18	-0.01	190.3	0				
1301.22	-0.008	190.4	0.0027				
1301.23	-0.005	190.5	0.0062				
1301.27	-0.004	190.6	0.0089				
1301.30	-0.002	190.9	0.0115				
1301.33	0.001	191	0.0115				
1301.37	0.002	191	0.0151				
1301.40	0.002	191.2	0.0186				
1301.43	0.004	191.4	0.0222				
1301.47	0.007	191.7	0.0275				
1301.50	0.008	191.8	0.0311				
1301.53	0.01	192.1	0.0355				
1301.57	0.014	192.4	0.0355				
1301.60	0.014	192.4	0.0391				
1301.63	0.014	192.6	0.0417				
1301.67	0.016	192.9	0.0453				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1301.70	0.019	193.1	0.0488				
1301.73	0.02	193.4	0.0515				
1301.77	0.021	193.6	0.055				
1301.80	0.024	193.8	0.055				
1301.83	0.024	193.8	0.0586				
1301.87	0.024	194	0.0604				
1301.90	0.025	194.3	0.063				
1301.93	0.027	194.5	0.0648				
1301.97	0.027	194.6	0.0657				
1302.00	0.028	194.8	0.0675				
1302.03	0.028	195	0.0675				
1302.07	0.029	195	0.0683				
1302.10	0.029	195.1	0.0683				
1302.13	0.029	195.3	0.0683				
1302.17	0.028	195.4	0.0683				
1302.20	0.028	195.5	0.0683				
1302.23	0.028	195.6	0.0683				
1302.27	0.028	195.7	0.0683				
1302.30	0.026	195.7	0.0683				
1302.33	0.026	195.7	0.0666				
1302.37	0.026	195.7	0.0657				
1302.40	0.024	195.6	0.063				
1302.43	0.022	195.6	0.0612				
1302.47	0.022	195.6	0.0595				
1302.50	0.019	195.4	0.0595				
1302.53	0.018	195.4	0.0568				
1302.57	0.018	195.3	0.0541				
1302.62	0.015	195	0.0515				
1302.65	0.013	195	0.0497				
1302.67	0.013	194.9	0.047				
1302.70	0.011	194.7	0.0426				
1302.73	0.008	194.5	0.0391				
1302.77	0.007	194.3	0.0355				
1302.80	0.005	194.1	0.032				
1302.83	0.001	193.8	0.032				
1302.87	0.001	193.8	0.0275				
1302.90	0.001	193.6	0.024				
1302.93	-0.001	193.3	0.0195				
1302.97	-0.005	193	0.0151				
1303.00	-0.006	192.8	0.0124				
1303.03	-0.007	192.6	0.0089				
1303.07	-0.01	192.3	0.0089				
1303.10	-0.01	192.3	0.0053				
1303.13	-0.01	192.1	0.0027				
1303.17	-0.011	191.8	0				
1303.20	-0.014	191.5	-0.0027				
1303.23	-0.014	191.3	-0.0044				
1303.27	-0.015	191.2	-0.0062				
1303.30	-0.016	190.9	-0.0062				
1303.33	-0.016	190.9	-0.008				
1303.37	-0.016	190.8	-0.0089				
1303.40	-0.017	190.6	-0.0098				
1303.43	-0.018	190.5	-0.0107				
1303.47	-0.017	190.4	-0.0107				
1303.50	-0.017	190.3	-0.0107				
1303.53	-0.017	190.2	-0.0107				
1303.57	-0.016	190.2	-0.0107				
1303.60	-0.016	190.2	-0.0098				
1303.63	-0.016	190.1	-0.008				
1303.67	-0.014	190.1	-0.0071				
1303.70	-0.014	190.1	-0.0062				
1303.73	-0.012	190.1	-0.0044				
1303.77	-0.01	190.2	-0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1303.80	-0.009	190.2	-0.0018				
1303.83	-0.009	190.3	0				
1303.87	-0.008	190.4	0.0036				
1303.90	-0.005	190.5	0.0053				
1303.93	-0.004	190.6	0.0071				
1303.97	-0.003	190.8	0.0115				
1304.00	0.001	191.1	0.0115				
1304.05	0.002	191.2	0.0178				
1304.08	0.003	191.3	0.0204				
1304.12	0.006	191.6	0.0204				
1304.13	0.007	191.8	0.0249				
1304.17	0.007	191.8	0.0293				
1304.20	0.009	192	0.0328				
1304.23	0.012	192.3	0.0364				
1304.27	0.014	192.5	0.0399				
1304.30	0.015	192.7	0.0444				
1304.33	0.018	193	0.0444				
1304.37	0.019	193.3	0.0479				
1304.40	0.019	193.3	0.0506				
1304.43	0.02	193.5	0.0541				
1304.47	0.023	193.8	0.0568				
1304.50	0.024	194	0.0586				
1304.53	0.025	194.2	0.0621				
1304.57	0.026	194.4	0.0621				
1304.60	0.027	194.6	0.0639				
1304.63	0.027	194.6	0.0648				
1304.67	0.027	194.8	0.0666				
1304.70	0.028	195	0.0675				
1304.73	0.029	195.1	0.0683				
1304.77	0.029	195.2	0.0692				
1304.80	0.029	195.4	0.0692				
1304.83	0.029	195.5	0.0692				
1304.87	0.029	195.5	0.0692				
1304.90	0.029	195.6	0.0692				
1304.93	0.028	195.7	0.0683				
1304.97	0.027	195.7	0.0675				
1305.00	0.026	195.7	0.0648				
1305.03	0.024	195.7	0.0648				
1305.07	0.023	195.6	0.0639				
1305.10	0.023	195.6	0.0621				
1305.13	0.022	195.6	0.0604				
1305.17	0.021	195.5	0.0577				
1305.20	0.018	195.4	0.0559				
1305.23	0.017	195.3	0.0524				
1305.27	0.015	195	0.0524				
1305.30	0.012	194.9	0.0488				
1305.33	0.012	194.9	0.0462				
1305.37	0.012	194.8	0.0426				
1305.40	0.009	194.5	0.0391				
1305.43	0.006	194.3	0.0355				
1305.47	0.005	194.1	0.032				
1305.52	0.003	193.9	0.0275				
1305.55	0.001	193.7	0.0249				
1305.57	0	193.5	0.0213				
1305.60	-0.002	193.2	0.0169				
1305.63	-0.005	192.9	0.0169				
1305.67	-0.005	192.9	0.0142				
1305.70	-0.006	192.7	0.0107				
1305.73	-0.008	192.4	0.0071				
1305.77	-0.01	192.1	0.0036				
1305.80	-0.011	191.9	0.0009				
1305.83	-0.012	191.6	-0.0018				
1305.87	-0.014	191.4	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1305.90	-0.014	191.4	-0.0036				
1305.93	-0.015	191.2	-0.0053				
1305.97	-0.016	191	-0.0071				
1306.00	-0.017	190.8	-0.0089				
1306.03	-0.017	190.7	-0.0089				
1306.07	-0.017	190.5	-0.0098				
1306.10	-0.017	190.4	-0.0098				
1306.13	-0.017	190.4	-0.0107				
1306.17	-0.017	190.3	-0.0107				
1306.20	-0.017	190.2	-0.0098				
1306.23	-0.016	190.1	-0.0098				
1306.27	-0.016	190.1	-0.0098				
1306.30	-0.015	190.1	-0.008				
1306.33	-0.014	190.1	-0.008				
1306.37	-0.013	190.1	-0.0062				
1306.40	-0.013	190.1	-0.0053				
1306.43	-0.012	190.2	-0.0036				
1306.47	-0.01	190.2	-0.0018				
1306.50	-0.009	190.3	0.0009				
1306.53	-0.007	190.5	0.0036				
1306.57	-0.005	190.6	0.0036				
1306.60	-0.003	190.6	0.0062				
1306.63	-0.003	190.8	0.0098				
1306.67	-0.002	191	0.0133				
1306.70	0.002	191.2	0.0169				
1306.73	0.003	191.3	0.0204				
1306.77	0.004	191.6	0.024				
1306.80	0.008	191.8	0.024				
1306.83	0.009	191.8	0.0293				
1306.87	0.009	192	0.032				
1306.90	0.011	192.3	0.0364				
1306.93	0.014	192.5	0.0408				
1306.98	0.015	192.7	0.0426				
1307.02	0.016	192.9	0.0453				
1307.03	0.019	193.2	0.0488				
1307.07	0.02	193.4	0.0515				
1307.10	0.021	193.7	0.055				
1307.13	0.023	193.9	0.055				
1307.17	0.024	193.9	0.0577				
1307.20	0.024	194.1	0.0604				
1307.23	0.025	194.3	0.0621				
1307.27	0.027	194.5	0.0648				
1307.30	0.027	194.7	0.0657				
1307.33	0.027	194.9	0.0666				
1307.37	0.029	195.1	0.0666				
1307.40	0.029	195.1	0.0683				
1307.43	0.029	195.2	0.0683				
1307.47	0.029	195.3	0.0692				
1307.50	0.029	195.5	0.0692				
1307.53	0.029	195.6	0.0692				
1307.57	0.028	195.7	0.0683				
1307.60	0.027	195.7	0.0683				
1307.63	0.027	195.7	0.0675				
1307.67	0.027	195.7	0.0666				
1307.70	0.026	195.7	0.0648				
1307.73	0.024	195.7	0.063				
1307.77	0.023	195.6	0.0612				
1307.80	0.022	195.6	0.0586				
1307.83	0.019	195.4	0.0586				
1307.87	0.018	195.3	0.0568				
1307.90	0.018	195.3	0.0541				
1307.93	0.016	195.2	0.0515				
1307.97	0.014	195	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1308.00	0.012	194.9	0.0453				
1308.03	0.011	194.7	0.0408				
1308.07	0.007	194.4	0.0408				
1308.10	0.006	194.3	0.0364				
1308.13	0.006	194.3	0.0337				
1308.17	0.004	194	0.0302				
1308.20	0.001	193.7	0.0249				
1308.23	-0.001	193.5	0.0222				
1308.27	-0.002	193.3	0.0178				
1308.30	-0.005	193	0.0178				
1308.33	-0.006	192.8	0.0133				
1308.37	-0.006	192.8	0.0107				
1308.42	-0.009	192.3	0.0071				
1308.45	-0.01	192	0.0053				
1308.47	-0.01	192	0.0027				
1308.50	-0.011	191.8	0				
1308.53	-0.013	191.5	-0.0027				
1308.57	-0.015	191.3	-0.0044				
1308.60	-0.015	191.2	-0.0062				
1308.63	-0.016	190.9	-0.0062				
1308.67	-0.017	190.8	-0.008				
1308.70	-0.017	190.8	-0.0089				
1308.73	-0.017	190.6	-0.0098				
1308.77	-0.017	190.5	-0.0098				
1308.80	-0.017	190.3	-0.0107				
1308.83	-0.017	190.3	-0.0107				
1308.87	-0.017	190.2	-0.0098				
1308.90	-0.016	190.1	-0.0098				
1308.93	-0.016	190.1	-0.0098				
1308.97	-0.016	190.1	-0.0089				
1309.00	-0.015	190.1	-0.008				
1309.03	-0.013	190.1	-0.0062				
1309.07	-0.012	190.1	-0.0044				
1309.10	-0.011	190.2	-0.0027				
1309.13	-0.009	190.3	-0.0027				
1309.17	-0.008	190.3	-0.0009				
1309.20	-0.008	190.4	0.0018				
1309.23	-0.007	190.5	0.0044				
1309.27	-0.003	190.7	0.008				
1309.30	-0.003	190.8	0.0107				
1309.33	-0.001	191.1	0.0142				
1309.37	0.003	191.3	0.0142				
1309.40	0.004	191.3	0.0186				
1309.43	0.004	191.4	0.0213				
1309.47	0.005	191.7	0.0257				
1309.50	0.009	191.9	0.0311				
1309.53	0.01	192.1	0.0337				
1309.57	0.011	192.4	0.0373				
1309.60	0.015	192.6	0.0373				
1309.63	0.016	192.6	0.0417				
1309.67	0.016	192.8	0.0444				
1309.70	0.017	193.1	0.0479				
1309.73	0.021	193.4	0.0524				
1309.77	0.021	193.6	0.0541				
1309.80	0.022	193.8	0.0568				
1309.83	0.025	194.1	0.0568				
1309.88	0.025	194.3	0.0612				
1309.92	0.025	194.4	0.063				
1309.93	0.027	194.6	0.063				
1309.97	0.027	194.6	0.0648				
1310.00	0.027	194.8	0.0657				
1310.03	0.028	195	0.0666				
1310.07	0.029	195.2	0.0683				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1310.10	0.029	195.3	0.0683				
1310.13	0.029	195.4	0.0683				
1310.17	0.029	195.6	0.0683				
1310.20	0.028	195.7	0.0683				
1310.23	0.028	195.7	0.0683				
1310.27	0.028	195.7	0.0683				
1310.30	0.027	195.7	0.0666				
1310.33	0.026	195.7	0.0657				
1310.37	0.025	195.8	0.0639				
1310.40	0.023	195.7	0.0639				
1310.43	0.022	195.6	0.0621				
1310.47	0.022	195.6	0.0604				
1310.50	0.021	195.6	0.0577				
1310.53	0.019	195.4	0.055				
1310.57	0.017	195.3	0.0533				
1310.60	0.016	195.2	0.0497				
1310.63	0.013	195	0.0497				
1310.67	0.011	194.8	0.047				
1310.70	0.011	194.8	0.0435				
1310.73	0.009	194.6	0.0391				
1310.77	0.007	194.3	0.0355				
1310.80	0.005	194.2	0.0328				
1310.83	0.003	194	0.0284				
1310.87	0.001	193.7	0.0284				
1310.90	-0.002	193.4	0.024				
1310.93	-0.002	193.4	0.0204				
1310.97	-0.002	193.2	0.0169				
1311.00	-0.005	192.9	0.0124				
1311.03	-0.007	192.6	0.0089				
1311.07	-0.009	192.4	0.0062				
1311.10	-0.01	192.1	0.0062				
1311.13	-0.012	191.9	0.0027				
1311.17	-0.012	191.9	0				
1311.20	-0.013	191.7	-0.0018				
1311.23	-0.014	191.4	-0.0044				
1311.27	-0.015	191.2	-0.0062				
1311.32	-0.016	191	-0.0071				
1311.35	-0.016	190.9	-0.008				
1311.38	-0.017	190.7	-0.0098				
1311.40	-0.017	190.5	-0.0098				
1311.43	-0.017	190.4	-0.0107				
1311.47	-0.017	190.3	-0.0107				
1311.50	-0.017	190.3	-0.0107				
1311.53	-0.017	190.2	-0.0107				
1311.57	-0.017	190.2	-0.0098				
1311.60	-0.016	190.1	-0.0098				
1311.63	-0.015	190.1	-0.008				
1311.67	-0.015	190.1	-0.0071				
1311.70	-0.013	190.1	-0.0071				
1311.73	-0.012	190.1	-0.0053				
1311.77	-0.012	190.2	-0.0044				
1311.80	-0.011	190.2	-0.0027				
1311.83	-0.008	190.3	0.0009				
1311.87	-0.008	190.4	0.0027				
1311.90	-0.006	190.6	0.0062				
1311.93	-0.002	190.8	0.0062				
1311.97	-0.001	190.8	0.0098				
1312.00	-0.001	190.9	0.0124				
1312.03	0	191.1	0.016				
1312.07	0.003	191.3	0.0195				
1312.10	0.005	191.5	0.0231				
1312.13	0.006	191.7	0.0275				
1312.17	0.01	192	0.0275				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1312.20	0.011	192	0.032				
1312.23	0.011	192.2	0.0355				
1312.27	0.012	192.5	0.0391				
1312.30	0.016	192.7	0.0435				
1312.33	0.017	192.9	0.0462				
1312.37	0.018	193.2	0.0497				
1312.40	0.021	193.5	0.0497				
1312.43	0.022	193.5	0.0533				
1312.47	0.022	193.7	0.0559				
1312.50	0.023	193.9	0.0586				
1312.53	0.025	194.2	0.0612				
1312.57	0.026	194.3	0.063				
1312.60	0.026	194.6	0.0648				
1312.63	0.028	194.8	0.0648				
1312.67	0.028	194.8	0.0657				
1312.70	0.028	194.9	0.0666				
1312.73	0.028	195.1	0.0675				
1312.78	0.029	195.2	0.0683				
1312.82	0.029	195.4	0.0683				
1312.83	0.029	195.5	0.0683				
1312.87	0.029	195.6	0.0692				
1312.90	0.028	195.7	0.0692				
1312.93	0.028	195.8	0.0675				
1312.97	0.027	195.7	0.0675				
1313.00	0.025	195.7	0.0666				
1313.03	0.025	195.7	0.0648				
1313.07	0.025	195.7	0.0639				
1313.10	0.023	195.7	0.0612				
1313.13	0.021	195.6	0.0595				
1313.17	0.021	195.6	0.0577				
1313.20	0.018	195.4	0.0541				
1313.23	0.016	195.2	0.0541				
1313.27	0.016	195.2	0.0524				
1313.30	0.015	195.1	0.0488				
1313.33	0.013	194.9	0.0453				
1313.37	0.01	194.7	0.0417				
1313.40	0.009	194.5	0.0382				
1313.43	0.006	194.3	0.0346				
1313.47	0.003	194.1	0.0346				
1313.50	0.003	194.1	0.0311				
1313.53	0.003	193.9	0.0275				
1313.57	0	193.5	0.0222				
1313.60	-0.002	193.3	0.0186				
1313.63	-0.004	193.1	0.0151				
1313.67	-0.006	192.8	0.0107				
1313.70	-0.008	192.5	0.0107				
1313.73	-0.008	192.5	0.008				
1313.77	-0.009	192.3	0.0053				
1313.80	-0.011	192	0.0018				
1313.83	-0.012	191.8	-0.0009				
1313.87	-0.013	191.6	-0.0027				
1313.90	-0.014	191.3	-0.0053				
1313.93	-0.016	191.1	-0.0053				
1313.97	-0.016	191.1	-0.0071				
1314.00	-0.016	191	-0.008				
1314.03	-0.017	190.8	-0.0089				
1314.07	-0.017	190.6	-0.0098				
1314.10	-0.017	190.5	-0.0107				
1314.13	-0.017	190.4	-0.0107				
1314.17	-0.017	190.3	-0.0107				
1314.22	-0.017	190.2	-0.0098				
1314.25	-0.017	190.1	-0.0098				
1314.28	-0.015	190.1	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1314.30	-0.015	190.1	-0.0089				
1314.33	-0.015	190.1	-0.008				
1314.37	-0.014	190.1	-0.0062				
1314.40	-0.012	190.2	-0.0044				
1314.43	-0.011	190.2	-0.0027				
1314.47	-0.01	190.3	-0.0009				
1314.50	-0.007	190.4	-0.0009				
1314.53	-0.006	190.4	0.0018				
1314.57	-0.006	190.5	0.0044				
1314.60	-0.005	190.6	0.0071				
1314.63	-0.002	190.8	0.0107				
1314.67	-0.001	191	0.0133				
1314.70	0.001	191.2	0.0178				
1314.73	0.004	191.4	0.0178				
1314.77	0.005	191.4	0.0213				
1314.80	0.005	191.6	0.0249				
1314.83	0.007	191.8	0.0302				
1314.87	0.011	192.1	0.0337				
1314.90	0.012	192.3	0.0364				
1314.93	0.013	192.6	0.0408				
1314.97	0.017	192.8	0.0408				
1315.00	0.017	192.8	0.0444				
1315.03	0.017	193.1	0.047				
1315.07	0.019	193.3	0.0515				
1315.10	0.022	193.6	0.055				
1315.13	0.023	193.8	0.0568				
1315.17	0.023	194	0.0595				
1315.20	0.025	194.3	0.0595				
1315.23	0.026	194.3	0.0612				
1315.27	0.026	194.5	0.0639				
1315.30	0.027	194.7	0.0648				
1315.33	0.027	194.9	0.0666				
1315.37	0.028	195	0.0675				
1315.40	0.029	195.2	0.0683				
1315.43	0.029	195.3	0.0683				
1315.47	0.029	195.4	0.0683				
1315.50	0.029	195.4	0.0692				
1315.53	0.029	195.6	0.0692				
1315.57	0.029	195.7	0.0692				
1315.60	0.028	195.7	0.0683				
1315.63	0.027	195.8	0.0666				
1315.68	0.026	195.7	0.0657				
1315.72	0.025	195.8	0.0648				
1315.73	0.024	195.7	0.0621				
1315.77	0.022	195.7	0.0621				
1315.80	0.021	195.6	0.0604				
1315.83	0.021	195.6	0.0586				
1315.87	0.019	195.5	0.0559				
1315.90	0.017	195.3	0.0533				
1315.93	0.015	195.2	0.0506				
1315.97	0.014	195	0.047				
1316.00	0.011	194.8	0.047				
1316.03	0.009	194.6	0.0435				
1316.07	0.009	194.6	0.0399				
1316.10	0.008	194.5	0.0364				
1316.13	0.005	194.2	0.0328				
1316.17	0.002	194	0.0293				
1316.20	0.002	193.8	0.0249				
1316.23	-0.001	193.5	0.0204				
1316.27	-0.004	193.2	0.0204				
1316.30	-0.004	193.2	0.0169				
1316.33	-0.004	193	0.0133				
1316.37	-0.006	192.7	0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1316.40	-0.009	192.4	0.0062				
1316.43	-0.01	192.2	0.0036				
1316.47	-0.011	191.9	0				
1316.50	-0.013	191.7	0				
1316.53	-0.013	191.7	-0.0027				
1316.57	-0.014	191.5	-0.0036				
1316.60	-0.015	191.3	-0.0053				
1316.63	-0.016	191.1	-0.0071				
1316.67	-0.017	190.9	-0.008				
1316.70	-0.017	190.8	-0.0098				
1316.73	-0.017	190.6	-0.0098				
1316.77	-0.017	190.6	-0.0098				
1316.80	-0.017	190.5	-0.0098				
1316.83	-0.017	190.4	-0.0107				
1316.87	-0.017	190.3	-0.0107				
1316.90	-0.017	190.2	-0.0098				
1316.93	-0.016	190.2	-0.0089				
1316.97	-0.015	190.2	-0.0089				
1317.00	-0.014	190.2	-0.008				
1317.03	-0.014	190.2	-0.0062				
1317.07	-0.013	190.2	-0.0053				
1317.10	-0.011	190.3	-0.0027				
1317.15	-0.01	190.3	-0.0018				
1317.18	-0.01	190.4	0				
1317.20	-0.007	190.5	0.0027				
1317.23	-0.006	190.6	0.0053				
1317.27	-0.004	190.8	0.0089				
1317.30	-0.001	191	0.0089				
1317.33	0	191	0.0124				
1317.37	0	191.1	0.0151				
1317.40	0.002	191.3	0.0186				
1317.43	0.005	191.5	0.0231				
1317.47	0.007	191.7	0.0257				
1317.50	0.008	192	0.0311				
1317.53	0.011	192.2	0.0311				
1317.57	0.013	192.2	0.0346				
1317.60	0.013	192.5	0.0382				
1317.63	0.014	192.7	0.0426				
1317.67	0.018	193	0.0462				
1317.70	0.019	193.2	0.0488				
1317.73	0.02	193.4	0.0524				
1317.77	0.022	193.7	0.0524				
1317.80	0.023	193.9	0.055				
1317.83	0.023	193.9	0.0577				
1317.87	0.024	194.1	0.0604				
1317.90	0.026	194.4	0.0621				
1317.93	0.027	194.6	0.0639				
1317.97	0.027	194.7	0.0657				
1318.00	0.028	194.9	0.0657				
1318.03	0.028	195.1	0.0675				
1318.07	0.028	195.1	0.0675				
1318.10	0.029	195.3	0.0683				
1318.13	0.029	195.4	0.0683				
1318.17	0.029	195.5	0.0683				
1318.20	0.029	195.6	0.0683				
1318.23	0.028	195.7	0.0683				
1318.27	0.027	195.7	0.0683				
1318.30	0.027	195.7	0.0675				
1318.33	0.027	195.8	0.0657				
1318.37	0.026	195.8	0.0648				
1318.40	0.024	195.7	0.063				
1318.43	0.023	195.7	0.0612				
1318.47	0.022	195.6	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1318.50	0.019	195.5	0.0586				
1318.53	0.018	195.5	0.0568				
1318.58	0.017	195.3	0.0524				
1318.62	0.015	195.1	0.0524				
1318.65	0.013	195.1	0.0497				
1318.67	0.013	195	0.0462				
1318.70	0.011	194.8	0.0426				
1318.73	0.008	194.6	0.0382				
1318.77	0.007	194.4	0.0355				
1318.80	0.005	194.2	0.032				
1318.83	0.001	193.9	0.032				
1318.87	0.001	193.9	0.0275				
1318.90	0.001	193.7	0.0231				
1318.93	-0.001	193.4	0.0195				
1318.97	-0.005	193.1	0.0151				
1319.00	-0.005	192.9	0.0124				
1319.03	-0.006	192.7	0.0089				
1319.07	-0.01	192.3	0.0089				
1319.10	-0.01	192.3	0.0044				
1319.13	-0.01	192.1	0.0018				
1319.17	-0.011	191.9	0				
1319.20	-0.014	191.6	-0.0036				
1319.23	-0.014	191.4	-0.0044				
1319.27	-0.015	191.2	-0.0062				
1319.30	-0.016	191	-0.0062				
1319.33	-0.016	191	-0.008				
1319.37	-0.016	190.9	-0.0089				
1319.40	-0.017	190.7	-0.0098				
1319.43	-0.017	190.6	-0.0107				
1319.47	-0.017	190.4	-0.0107				
1319.50	-0.017	190.3	-0.0107				
1319.53	-0.017	190.3	-0.0107				
1319.57	-0.016	190.2	-0.0098				
1319.60	-0.016	190.2	-0.0098				
1319.63	-0.016	190.2	-0.0089				
1319.67	-0.015	190.2	-0.008				
1319.70	-0.014	190.2	-0.0062				
1319.73	-0.013	190.2	-0.0044				
1319.77	-0.01	190.3	-0.0044				
1319.80	-0.009	190.3	-0.0018				
1319.83	-0.009	190.3	0				
1319.87	-0.008	190.4	0.0027				
1319.90	-0.006	190.6	0.0053				
1319.93	-0.004	190.8	0.008				
1319.97	-0.002	190.9	0.0115				
1320.00	0.001	191.2	0.0115				
1320.05	0.002	191.3	0.0178				
1320.08	0.003	191.4	0.0204				
1320.10	0.005	191.7	0.0204				
1320.13	0.008	191.9	0.024				
1320.17	0.008	191.9	0.0284				
1320.20	0.009	192.1	0.0328				
1320.23	0.012	192.4	0.0364				
1320.27	0.014	192.6	0.0399				
1320.30	0.015	192.8	0.0435				
1320.33	0.017	193.1	0.047				
1320.37	0.02	193.3	0.047				
1320.40	0.02	193.3	0.0506				
1320.43	0.02	193.6	0.0533				
1320.47	0.022	193.8	0.0559				
1320.50	0.024	194	0.0586				
1320.53	0.025	194.2	0.0612				
1320.57	0.026	194.4	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1320.60	0.027	194.7	0.063				
1320.63	0.027	194.7	0.0648				
1320.67	0.027	194.8	0.0657				
1320.70	0.028	195	0.0666				
1320.73	0.029	195.2	0.0683				
1320.77	0.029	195.3	0.0683				
1320.80	0.029	195.5	0.0683				
1320.83	0.029	195.6	0.0683				
1320.87	0.028	195.6	0.0683				
1320.90	0.028	195.7	0.0683				
1320.93	0.028	195.7	0.0683				
1320.97	0.027	195.8	0.0666				
1321.00	0.026	195.8	0.0657				
1321.03	0.025	195.8	0.0639				
1321.07	0.023	195.7	0.0639				
1321.10	0.022	195.7	0.0621				
1321.13	0.022	195.7	0.0604				
1321.17	0.021	195.6	0.0577				
1321.20	0.018	195.4	0.055				
1321.23	0.017	195.3	0.0524				
1321.27	0.016	195.1	0.0497				
1321.30	0.012	195	0.0497				
1321.33	0.011	195	0.0453				
1321.37	0.011	194.8	0.0435				
1321.40	0.01	194.6	0.0391				
1321.43	0.006	194.4	0.0346				
1321.48	0.005	194.2	0.0328				
1321.52	0.005	194.1	0.0302				
1321.55	0.001	193.8	0.0249				
1321.57	0	193.6	0.0222				
1321.60	-0.002	193.4	0.0178				
1321.63	-0.005	193	0.0178				
1321.67	-0.006	192.8	0.0133				
1321.70	-0.006	192.8	0.0107				
1321.73	-0.007	192.6	0.0071				
1321.77	-0.01	192.2	0.0036				
1321.80	-0.011	192	0.0009				
1321.83	-0.012	191.8	-0.0018				
1321.87	-0.014	191.5	-0.0036				
1321.90	-0.015	191.3	-0.0036				
1321.93	-0.015	191.3	-0.0053				
1321.97	-0.015	191.2	-0.0071				
1322.00	-0.016	190.9	-0.0089				
1322.03	-0.017	190.8	-0.0089				
1322.07	-0.017	190.6	-0.0098				
1322.10	-0.017	190.5	-0.0098				
1322.13	-0.017	190.4	-0.0098				
1322.17	-0.017	190.4	-0.0107				
1322.20	-0.017	190.3	-0.0107				
1322.23	-0.017	190.2	-0.0107				
1322.27	-0.016	190.2	-0.0098				
1322.30	-0.015	190.2	-0.008				
1322.33	-0.015	190.2	-0.0071				
1322.37	-0.013	190.2	-0.0071				
1322.40	-0.012	190.2	-0.0053				
1322.43	-0.012	190.2	-0.0036				
1322.47	-0.011	190.3	-0.0027				
1322.50	-0.008	190.4	0				
1322.53	-0.007	190.5	0.0027				
1322.57	-0.006	190.7	0.0053				
1322.60	-0.002	190.8	0.0053				
1322.63	-0.002	190.8	0.0089				
1322.67	-0.002	191	0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1322.70	0	191.2	0.0151				
1322.73	0.004	191.4	0.0195				
1322.77	0.005	191.6	0.0231				
1322.80	0.006	191.8	0.0275				
1322.83	0.01	192.1	0.0275				
1322.87	0.011	192.1	0.032				
1322.90	0.011	192.3	0.0346				
1322.95	0.014	192.7	0.0391				
1322.98	0.016	192.7	0.0408				
1323.00	0.016	193	0.0435				
1323.03	0.017	193.2	0.0479				
1323.07	0.021	193.5	0.0515				
1323.10	0.021	193.7	0.0541				
1323.13	0.022	193.9	0.0568				
1323.17	0.024	194.1	0.0568				
1323.20	0.025	194.3	0.0595				
1323.23	0.025	194.3	0.0612				
1323.27	0.026	194.6	0.0639				
1323.30	0.027	194.8	0.0657				
1323.33	0.028	195	0.0666				
1323.37	0.028	195.1	0.0675				
1323.40	0.029	195.2	0.0675				
1323.43	0.029	195.4	0.0683				
1323.47	0.029	195.4	0.0683				
1323.50	0.029	195.6	0.0683				
1323.53	0.029	195.7	0.0683				
1323.57	0.028	195.8	0.0683				
1323.60	0.028	195.8	0.0666				
1323.63	0.026	195.8	0.0666				
1323.67	0.025	195.8	0.0657				
1323.70	0.025	195.8	0.0648				
1323.73	0.025	195.8	0.063				
1323.77	0.023	195.7	0.0612				
1323.80	0.021	195.7	0.0595				
1323.83	0.02	195.6	0.0559				
1323.87	0.018	195.4	0.0541				
1323.90	0.016	195.3	0.0541				
1323.93	0.016	195.3	0.0515				
1323.97	0.015	195.2	0.0479				
1324.00	0.013	194.9	0.0444				
1324.03	0.01	194.8	0.0408				
1324.07	0.009	194.6	0.0382				
1324.10	0.007	194.4	0.0346				
1324.13	0.004	194.1	0.0346				
1324.17	0.003	194.1	0.0302				
1324.20	0.003	193.9	0.0275				
1324.23	0	193.6	0.0222				
1324.27	-0.003	193.4	0.0178				
1324.30	-0.004	193.2	0.0151				
1324.33	-0.005	192.9	0.0115				
1324.37	-0.008	192.6	0.0115				
1324.42	-0.008	192.4	0.0053				
1324.45	-0.01	192.2	0.0027				
1324.47	-0.012	191.9	0.0027				
1324.50	-0.013	191.9	0				
1324.53	-0.013	191.7	-0.0018				
1324.57	-0.014	191.5	-0.0044				
1324.60	-0.015	191.3	-0.0062				
1324.63	-0.016	191.1	-0.008				
1324.67	-0.016	190.9	-0.0089				
1324.70	-0.017	190.7	-0.0089				
1324.73	-0.017	190.7	-0.0098				
1324.77	-0.017	190.6	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1324.80	-0.017	190.5	-0.0107				
1324.83	-0.017	190.4	-0.0115				
1324.87	-0.017	190.3	-0.0107				
1324.90	-0.016	190.2	-0.0098				
1324.93	-0.015	190.2	-0.0098				
1324.97	-0.015	190.2	-0.0089				
1325.00	-0.015	190.2	-0.0089				
1325.03	-0.014	190.2	-0.0071				
1325.07	-0.012	190.2	-0.0053				
1325.10	-0.011	190.3	-0.0036				
1325.13	-0.01	190.4	-0.0009				
1325.17	-0.007	190.5	-0.0009				
1325.20	-0.007	190.5	0.0009				
1325.23	-0.007	190.6	0.0036				
1325.27	-0.005	190.7	0.0071				
1325.30	-0.001	190.9	0.0107				
1325.33	-0.001	191	0.0124				
1325.37	0.001	191.3	0.0169				
1325.40	0.005	191.5	0.0169				
1325.43	0.005	191.5	0.0213				
1325.47	0.005	191.7	0.024				
1325.50	0.007	191.9	0.0293				
1325.53	0.011	192.2	0.0337				
1325.57	0.012	192.4	0.0364				
1325.60	0.013	192.7	0.0399				
1325.63	0.017	192.9	0.0399				
1325.67	0.018	192.9	0.0444				
1325.70	0.018	193.1	0.047				
1325.73	0.019	193.4	0.0506				
1325.77	0.022	193.7	0.0541				
1325.80	0.022	193.9	0.0559				
1325.85	0.024	194.1	0.0595				
1325.88	0.025	194.3	0.0604				
1325.90	0.026	194.5	0.0621				
1325.93	0.026	194.7	0.0639				
1325.97	0.027	194.9	0.0639				
1326.00	0.028	195.1	0.0657				
1326.03	0.028	195.1	0.0666				
1326.07	0.028	195.2	0.0675				
1326.10	0.029	195.4	0.0683				
1326.13	0.029	195.5	0.0683				
1326.17	0.029	195.6	0.0683				
1326.20	0.029	195.7	0.0683				
1326.23	0.028	195.8	0.0683				
1326.27	0.028	195.8	0.0683				
1326.30	0.027	195.8	0.0666				
1326.33	0.026	195.8	0.0648				
1326.37	0.025	195.8	0.0639				
1326.40	0.024	195.8	0.063				
1326.43	0.023	195.7	0.0604				
1326.47	0.021	195.7	0.0604				
1326.50	0.02	195.7	0.0586				
1326.53	0.02	195.6	0.0559				
1326.57	0.018	195.4	0.0533				
1326.60	0.015	195.2	0.0497				
1326.63	0.014	195.1	0.0479				
1326.67	0.012	194.9	0.0435				
1326.70	0.008	194.7	0.0435				
1326.73	0.007	194.7	0.0391				
1326.77	0.007	194.6	0.0373				
1326.80	0.006	194.3	0.0337				
1326.83	0.002	194.1	0.0284				
1326.87	0.002	193.9	0.0249				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1326.90	0	193.6	0.0204				
1326.93	-0.004	193.3	0.0204				
1326.97	-0.005	193.3	0.016				
1327.00	-0.005	193.1	0.0133				
1327.03	-0.006	192.8	0.0098				
1327.07	-0.009	192.5	0.0062				
1327.10	-0.01	192.3	0.0036				
1327.13	-0.011	192	0.0009				
1327.17	-0.013	191.8	0.0009				
1327.20	-0.014	191.8	-0.0018				
1327.23	-0.014	191.6	-0.0044				
1327.27	-0.015	191.4	-0.0062				
1327.32	-0.016	191.2	-0.008				
1327.35	-0.016	191	-0.008				
1327.37	-0.016	190.8	-0.0098				
1327.40	-0.017	190.7	-0.0107				
1327.43	-0.017	190.5	-0.0107				
1327.47	-0.017	190.4	-0.0107				
1327.50	-0.017	190.3	-0.0107				
1327.53	-0.017	190.3	-0.0107				
1327.57	-0.017	190.3	-0.0107				
1327.60	-0.016	190.2	-0.0098				
1327.63	-0.015	190.2	-0.0089				
1327.67	-0.014	190.2	-0.008				
1327.70	-0.014	190.2	-0.0062				
1327.73	-0.012	190.3	-0.0062				
1327.77	-0.011	190.3	-0.0044				
1327.80	-0.011	190.3	-0.0027				
1327.83	-0.01	190.4	0				
1327.87	-0.007	190.5	0.0027				
1327.90	-0.006	190.6	0.0044				
1327.93	-0.004	190.8	0.0089				
1327.97	-0.001	191	0.0089				
1328.00	0	191.2	0.0115				
1328.03	0	191.2	0.0142				
1328.07	0.002	191.3	0.0186				
1328.10	0.005	191.6	0.0222				
1328.13	0.007	191.8	0.0257				
1328.17	0.008	192	0.0302				
1328.20	0.011	192.3	0.0302				
1328.23	0.013	192.5	0.0346				
1328.27	0.013	192.5	0.0382				
1328.30	0.014	192.7	0.0417				
1328.33	0.016	193.1	0.0453				
1328.37	0.019	193.3	0.0488				
1328.40	0.02	193.5	0.0524				
1328.43	0.022	193.8	0.055				
1328.47	0.023	194	0.055				
1328.50	0.023	194	0.0568				
1328.53	0.024	194.2	0.0595				
1328.57	0.025	194.5	0.0621				
1328.60	0.027	194.7	0.0639				
1328.63	0.027	194.8	0.0648				
1328.67	0.028	195	0.0657				
1328.70	0.028	195.2	0.0657				
1328.75	0.029	195.3	0.0683				
1328.78	0.029	195.5	0.0683				
1328.82	0.029	195.6	0.0683				
1328.83	0.029	195.6	0.0683				
1328.87	0.029	195.7	0.0683				
1328.90	0.028	195.8	0.0683				
1328.93	0.028	195.9	0.0675				
1328.97	0.027	195.9	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1329.00	0.026	195.9	0.0648				
1329.03	0.024	195.9	0.0648				
1329.07	0.023	195.9	0.0639				
1329.10	0.023	195.8	0.0621				
1329.13	0.022	195.8	0.0595				
1329.17	0.02	195.7	0.0577				
1329.20	0.019	195.6	0.055				
1329.23	0.017	195.4	0.0515				
1329.27	0.014	195.2	0.0515				
1329.30	0.013	195.2	0.0488				
1329.33	0.013	195.1	0.0462				
1329.37	0.011	194.9	0.0417				
1329.40	0.008	194.7	0.0382				
1329.43	0.007	194.5	0.0355				
1329.47	0.005	194.2	0.032				
1329.50	0.001	194	0.032				
1329.53	0.001	194	0.0257				
1329.57	0.001	193.8	0.0231				
1329.60	-0.001	193.5	0.0186				
1329.63	-0.005	193.2	0.0151				
1329.67	-0.005	193	0.0115				
1329.70	-0.007	192.7	0.008				
1329.73	-0.01	192.4	0.008				
1329.77	-0.01	192.4	0.0044				
1329.80	-0.01	192.2	0.0018				
1329.83	-0.011	192	-0.0009				
1329.87	-0.014	191.7	-0.0036				
1329.90	-0.014	191.5	-0.0053				
1329.93	-0.015	191.3	-0.0071				
1329.97	-0.016	191.1	-0.0071				
1330.00	-0.017	191.1	-0.008				
1330.03	-0.017	190.9	-0.0098				
1330.07	-0.017	190.8	-0.0107				
1330.10	-0.017	190.7	-0.0107				
1330.13	-0.017	190.5	-0.0107				
1330.17	-0.017	190.4	-0.0107				
1330.22	-0.017	190.3	-0.0107				
1330.25	-0.017	190.3	-0.0107				
1330.27	-0.016	190.2	-0.0098				
1330.30	-0.015	190.2	-0.0098				
1330.33	-0.014	190.2	-0.0089				
1330.37	-0.014	190.2	-0.0071				
1330.40	-0.013	190.2	-0.0053				
1330.43	-0.011	190.3	-0.0044				
1330.47	-0.01	190.4	-0.0018				
1330.50	-0.009	190.4	0.0009				
1330.53	-0.006	190.6	0.0009				
1330.57	-0.005	190.7	0.0036				
1330.60	-0.005	190.7	0.0062				
1330.63	-0.003	190.9	0.0098				
1330.67	-0.001	191.1	0.0124				
1330.70	0.001	191.3	0.016				
1330.73	0.002	191.4	0.0195				
1330.77	0.005	191.7	0.0195				
1330.80	0.008	192	0.024				
1330.83	0.008	192	0.0284				
1330.87	0.009	192.1	0.032				
1330.90	0.012	192.4	0.0364				
1330.93	0.014	192.6	0.0391				
1330.97	0.015	192.9	0.0426				
1331.00	0.017	193.2	0.047				
1331.03	0.02	193.4	0.047				
1331.07	0.02	193.4	0.0497				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1331.10	0.02	193.6	0.0524				
1331.13	0.022	193.9	0.0559				
1331.17	0.024	194.1	0.0586				
1331.20	0.025	194.3	0.0604				
1331.23	0.026	194.6	0.0621				
1331.27	0.027	194.8	0.0621				
1331.30	0.027	194.8	0.0648				
1331.33	0.027	194.9	0.0657				
1331.37	0.028	195.1	0.0666				
1331.40	0.029	195.3	0.0675				
1331.43	0.029	195.4	0.0675				
1331.47	0.029	195.6	0.0675				
1331.50	0.029	195.7	0.0675				
1331.53	0.029	195.7	0.0683				
1331.57	0.029	195.8	0.0683				
1331.60	0.028	195.8	0.0675				
1331.65	0.026	195.9	0.0666				
1331.68	0.026	195.9	0.0657				
1331.72	0.026	195.9	0.0639				
1331.73	0.024	195.8	0.0621				
1331.77	0.023	195.8	0.0612				
1331.80	0.022	195.7	0.0577				
1331.83	0.019	195.6	0.0577				
1331.87	0.017	195.6	0.055				
1331.90	0.017	195.5	0.0533				
1331.93	0.017	195.4	0.0506				
1331.97	0.013	195.2	0.047				
1332.00	0.012	195	0.0435				
1332.03	0.01	194.8	0.0399				
1332.07	0.007	194.6	0.0399				
1332.10	0.006	194.6	0.0364				
1332.13	0.006	194.4	0.0337				
1332.17	0.005	194.2	0.0293				
1332.20	0	193.9	0.024				
1332.23	0	193.7	0.0213				
1332.27	-0.002	193.5	0.0169				
1332.30	-0.005	193.1	0.0169				
1332.33	-0.006	192.9	0.0133				
1332.37	-0.006	192.9	0.0098				
1332.40	-0.008	192.7	0.0062				
1332.43	-0.01	192.4	0.0027				
1332.47	-0.011	192.1	0.0009				
1332.50	-0.012	191.9	-0.0018				
1332.53	-0.014	191.6	-0.0018				
1332.57	-0.015	191.4	-0.0044				
1332.60	-0.015	191.4	-0.0062				
1332.63	-0.016	191.2	-0.0071				
1332.67	-0.016	191.1	-0.0089				
1332.70	-0.017	190.9	-0.0098				
1332.73	-0.017	190.7	-0.0107				
1332.77	-0.017	190.6	-0.0107				
1332.80	-0.017	190.5	-0.0107				
1332.83	-0.017	190.5	-0.0115				
1332.87	-0.017	190.4	-0.0107				
1332.90	-0.017	190.3	-0.0107				
1332.93	-0.016	190.3	-0.0098				
1332.97	-0.015	190.2	-0.0089				
1333.00	-0.014	190.3	-0.008				
1333.03	-0.012	190.3	-0.008				
1333.07	-0.012	190.3	-0.0062				
1333.12	-0.011	190.4	-0.0036				
1333.15	-0.009	190.4	-0.0036				
1333.17	-0.008	190.4	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1333.20	-0.008	190.5	0.0009				
1333.23	-0.007	190.7	0.0036				
1333.27	-0.003	190.8	0.0071				
1333.30	-0.003	190.9	0.0098				
1333.33	-0.001	191.2	0.0133				
1333.37	0.003	191.4	0.0133				
1333.40	0.004	191.4	0.0178				
1333.43	0.004	191.5	0.0204				
1333.47	0.005	191.8	0.0249				
1333.50	0.009	192.1	0.0302				
1333.53	0.01	192.3	0.0328				
1333.57	0.011	192.5	0.0364				
1333.60	0.015	192.8	0.0364				
1333.63	0.016	192.8	0.0408				
1333.67	0.016	193	0.0444				
1333.70	0.017	193.2	0.0479				
1333.73	0.021	193.5	0.0515				
1333.77	0.021	193.7	0.0533				
1333.80	0.022	194	0.0568				
1333.83	0.024	194.2	0.0568				
1333.87	0.025	194.2	0.0595				
1333.90	0.025	194.4	0.0612				
1333.93	0.026	194.6	0.063				
1333.97	0.028	194.8	0.0648				
1334.00	0.028	195	0.0657				
1334.03	0.028	195.1	0.0666				
1334.07	0.029	195.3	0.0666				
1334.10	0.029	195.3	0.0675				
1334.13	0.029	195.5	0.0675				
1334.17	0.029	195.6	0.0675				
1334.20	0.029	195.7	0.0683				
1334.23	0.028	195.8	0.0675				
1334.27	0.028	195.9	0.0666				
1334.30	0.026	195.9	0.0666				
1334.33	0.025	195.9	0.0657				
1334.37	0.025	195.9	0.0648				
1334.40	0.025	195.9	0.063				
1334.43	0.023	195.8	0.0612				
1334.47	0.021	195.7	0.0586				
1334.50	0.02	195.7	0.0559				
1334.53	0.018	195.5	0.0559				
1334.58	0.016	195.4	0.0515				
1334.62	0.016	195.3	0.0488				
1334.63	0.013	195.1	0.0488				
1334.67	0.011	194.9	0.0462				
1334.70	0.011	194.9	0.0426				
1334.73	0.01	194.8	0.0391				
1334.77	0.006	194.5	0.0346				
1334.80	0.005	194.3	0.032				
1334.83	0.003	194.1	0.0284				
1334.87	0.001	193.8	0.0284				
1334.90	-0.002	193.6	0.0231				
1334.93	-0.002	193.6	0.0195				
1334.97	-0.003	193.4	0.016				
1335.00	-0.005	193	0.0115				
1335.03	-0.007	192.8	0.008				
1335.07	-0.008	192.5	0.0053				
1335.10	-0.01	192.2	0.0018				
1335.13	-0.012	192	0.0018				
1335.17	-0.013	192	-0.0009				
1335.20	-0.013	191.8	-0.0027				
1335.23	-0.014	191.6	-0.0044				
1335.27	-0.016	191.3	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1335.30	-0.016	191.2	-0.008				
1335.33	-0.016	191	-0.0089				
1335.37	-0.017	190.8	-0.0089				
1335.40	-0.017	190.8	-0.0107				
1335.43	-0.017	190.7	-0.0107				
1335.47	-0.017	190.5	-0.0115				
1335.50	-0.017	190.4	-0.0115				
1335.53	-0.017	190.4	-0.0115				
1335.57	-0.016	190.3	-0.0107				
1335.60	-0.016	190.3	-0.0107				
1335.63	-0.015	190.3	-0.0098				
1335.67	-0.015	190.3	-0.0089				
1335.70	-0.014	190.3	-0.0071				
1335.73	-0.012	190.3	-0.0053				
1335.77	-0.011	190.3	-0.0044				
1335.80	-0.01	190.4	-0.0018				
1335.83	-0.008	190.6	-0.0018				
1335.87	-0.006	190.6	0.0009				
1335.90	-0.006	190.6	0.0027				
1335.93	-0.005	190.8	0.0062				
1335.97	-0.002	191	0.0098				
1336.02	-0.001	191.2	0.0133				
1336.05	0	191.2	0.0151				
1336.08	0.003	191.5	0.0186				
1336.10	0.004	191.7	0.0222				
1336.13	0.006	191.9	0.0275				
1336.17	0.01	192.2	0.0275				
1336.20	0.011	192.4	0.032				
1336.23	0.011	192.4	0.0346				
1336.27	0.012	192.6	0.0382				
1336.30	0.015	192.9	0.0426				
1336.33	0.017	193.1	0.0453				
1336.37	0.018	193.3	0.0488				
1336.40	0.02	193.6	0.0488				
1336.43	0.022	193.9	0.0524				
1336.47	0.022	193.9	0.055				
1336.50	0.023	194.1	0.0577				
1336.53	0.024	194.3	0.0604				
1336.57	0.026	194.5	0.0621				
1336.60	0.026	194.7	0.0639				
1336.63	0.027	194.9	0.0639				
1336.67	0.028	195.1	0.0657				
1336.70	0.028	195.1	0.0666				
1336.73	0.028	195.2	0.0675				
1336.77	0.029	195.4	0.0675				
1336.80	0.029	195.6	0.0675				
1336.83	0.029	195.7	0.0683				
1336.87	0.029	195.8	0.0683				
1336.90	0.028	195.9	0.0683				
1336.93	0.028	195.9	0.0683				
1336.97	0.027	195.9	0.0657				
1337.00	0.026	195.9	0.0648				
1337.03	0.025	195.9	0.0639				
1337.07	0.024	195.9	0.0612				
1337.10	0.023	195.8	0.0604				
1337.13	0.02	195.7	0.0604				
1337.17	0.019	195.7	0.0577				
1337.20	0.019	195.6	0.0559				
1337.23	0.018	195.5	0.0533				
1337.27	0.015	195.3	0.0497				
1337.30	0.014	195.2	0.0462				
1337.33	0.012	195	0.0435				
1337.37	0.009	194.8	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1337.40	0.008	194.8	0.0391				
1337.43	0.008	194.6	0.0364				
1337.48	0.004	194.2	0.0328				
1337.52	0.002	194.2	0.0311				
1337.53	0.002	194	0.0275				
1337.57	0.001	193.7	0.0222				
1337.60	-0.003	193.4	0.0178				
1337.63	-0.004	193.2	0.0151				
1337.67	-0.005	192.9	0.0107				
1337.70	-0.008	192.7	0.0107				
1337.73	-0.009	192.7	0.0071				
1337.77	-0.009	192.4	0.0044				
1337.80	-0.01	192.2	0.0018				
1337.83	-0.013	191.9	-0.0018				
1337.87	-0.013	191.7	-0.0036				
1337.90	-0.014	191.5	-0.0053				
1337.93	-0.016	191.3	-0.0053				
1337.97	-0.016	191.3	-0.008				
1338.00	-0.016	191.1	-0.0089				
1338.03	-0.016	190.9	-0.0098				
1338.07	-0.017	190.8	-0.0107				
1338.10	-0.017	190.6	-0.0115				
1338.13	-0.017	190.5	-0.0115				
1338.17	-0.017	190.4	-0.0115				
1338.20	-0.017	190.4	-0.0115				
1338.23	-0.017	190.4	-0.0107				
1338.27	-0.016	190.3	-0.0098				
1338.30	-0.015	190.3	-0.0089				
1338.33	-0.015	190.3	-0.008				
1338.37	-0.014	190.3	-0.0062				
1338.40	-0.012	190.4	-0.0062				
1338.43	-0.011	190.4	-0.0044				
1338.47	-0.011	190.4	-0.0027				
1338.50	-0.01	190.5	-0.0009				
1338.53	-0.007	190.6	0.0018				
1338.57	-0.006	190.7	0.0044				
1338.60	-0.004	190.9	0.008				
1338.63	0	191.1	0.008				
1338.67	0	191.1	0.0115				
1338.70	0	191.2	0.0142				
1338.73	0.002	191.4	0.0186				
1338.77	0.005	191.7	0.0222				
1338.80	0.006	191.9	0.0257				
1338.83	0.008	192.1	0.0302				
1338.87	0.012	192.4	0.0302				
1338.92	0.013	192.6	0.0373				
1338.95	0.013	192.8	0.0391				
1338.98	0.016	193	0.0391				
1339.00	0.018	193	0.0435				
1339.03	0.018	193.2	0.047				
1339.07	0.019	193.5	0.0506				
1339.10	0.022	193.8	0.0533				
1339.13	0.023	194	0.0559				
1339.17	0.023	194.2	0.0586				
1339.20	0.025	194.5	0.0586				
1339.23	0.026	194.7	0.0612				
1339.27	0.026	194.7	0.063				
1339.30	0.027	194.8	0.0639				
1339.33	0.028	195	0.0657				
1339.37	0.028	195.2	0.0666				
1339.40	0.029	195.4	0.0675				
1339.43	0.029	195.5	0.0675				
1339.47	0.029	195.7	0.0683				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1339.50	0.029	195.7	0.0683				
1339.53	0.029	195.8	0.0683				
1339.57	0.029	195.9	0.0683				
1339.60	0.027	195.9	0.0666				
1339.63	0.027	195.9	0.0657				
1339.67	0.026	195.9	0.0639				
1339.70	0.024	195.9	0.0639				
1339.73	0.024	195.9	0.063				
1339.77	0.024	195.9	0.0612				
1339.80	0.022	195.8	0.0595				
1339.83	0.02	195.7	0.0568				
1339.87	0.019	195.6	0.0541				
1339.90	0.017	195.4	0.0515				
1339.93	0.014	195.2	0.0515				
1339.97	0.013	195.2	0.0479				
1340.00	0.013	195.1	0.0453				
1340.03	0.011	194.9	0.0417				
1340.07	0.008	194.7	0.0382				
1340.10	0.007	194.5	0.0346				
1340.13	0.005	194.3	0.0311				
1340.17	0.002	194	0.0311				
1340.20	0.001	194	0.0257				
1340.23	0.001	193.8	0.0222				
1340.27	-0.001	193.5	0.0186				
1340.30	-0.005	193.3	0.0142				
1340.33	-0.005	193	0.0115				
1340.38	-0.006	192.8	0.008				
1340.42	-0.009	192.6	0.0062				
1340.43	-0.009	192.4	0.0027				
1340.47	-0.011	192.1	0				
1340.50	-0.013	191.8	0				
1340.53	-0.014	191.8	-0.0027				
1340.57	-0.014	191.6	-0.0044				
1340.60	-0.014	191.4	-0.0062				
1340.63	-0.016	191.2	-0.008				
1340.67	-0.017	191	-0.0089				
1340.70	-0.017	190.9	-0.0098				
1340.73	-0.017	190.7	-0.0098				
1340.77	-0.017	190.7	-0.0107				
1340.80	-0.017	190.6	-0.0107				
1340.83	-0.017	190.5	-0.0115				
1340.87	-0.017	190.4	-0.0115				
1340.90	-0.016	190.3	-0.0107				
1340.93	-0.016	190.3	-0.0098				
1340.97	-0.015	190.3	-0.0098				
1341.00	-0.014	190.3	-0.0089				
1341.03	-0.014	190.3	-0.008				
1341.07	-0.013	190.3	-0.0062				
1341.10	-0.011	190.4					
1341.13	-0.01	190.4					
1341.17	-0.009	190.6					
1341.20	-0.006	190.7					
1341.23	-0.005	190.7					
1341.27	-0.005	190.8					
1341.30	-0.003	191					
1341.33	0	191.2					
1341.37	0.001	191.3					
1341.40	0.002	191.5					
1341.43	0.006	191.8					
1341.47	0.007	192					
1341.50	0.007	192					
1341.53	0.009	192.2					
1341.57	0.012	192.5	0.0355				



tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1341.60	0.014	192.7	0.0391				
1341.63	0.015	192.9	0.0426				
1341.67	0.018	193.3	0.0426				
1341.70	0.02	193.5	0.047				
1341.73	0.02	193.5	0.0497				
1341.77	0.02	193.7	0.0524				
1341.82	0.023	194.2	0.0559				
1341.85	0.023	194.2	0.0568				
1341.88	0.024	194.4	0.0595				
1341.90	0.025	194.6	0.0612				
1341.93	0.027	194.8	0.063				
1341.97	0.027	195	0.0648				
1342.00	0.028	195.2	0.0666				
1342.03	0.029	195.4	0.0666				
1342.07	0.029	195.4	0.0666				
1342.10	0.029	195.5	0.0675				
1342.13	0.029	195.6	0.0675				
1342.17	0.029	195.7	0.0675				
1342.20	0.029	195.8	0.0675				
1342.23	0.028	195.9	0.0675				
1342.27	0.027	196	0.0675				
1342.30	0.027	196	0.0666				
1342.33	0.027	196	0.0657				
1342.37	0.025	196	0.0639				
1342.40	0.023	195.9	0.0621				
1342.43	0.023	195.9	0.0604				
1342.47	0.022	195.8	0.0577				
1342.50	0.019	195.7	0.0577				
1342.53	0.018	195.7	0.0559				
1342.57	0.018	195.6	0.0533				
1342.60	0.016	195.4	0.0497				
1342.63	0.013	195.2	0.0462				
1342.67	0.012	195.1	0.0435				
1342.70	0.011	194.9	0.0399				
1342.73	0.007	194.7	0.0399				
1342.77	0.006	194.7	0.0364				
1342.80	0.006	194.5	0.0328				
1342.83	0.004	194.2	0.0293				
1342.87	0.001	194	0.024				
1342.90	0	193.8	0.0204				
1342.93	-0.002	193.5	0.016				
1342.97	-0.006	193.2	0.016				
1343.00	-0.006	193.2	0.0124				
1343.03	-0.006	193	0.0098				
1343.07	-0.007	192.7	0.0062				
1343.10	-0.01	192.4	0.0027				
1343.13	-0.011	192.2	0.0009				
1343.17	-0.012	191.9	-0.0018				
1343.20	-0.014	191.7	-0.0018				
1343.23	-0.015	191.7	-0.0053				
1343.28	-0.015	191.3	-0.0071				
1343.32	-0.016	191.2	-0.0071				
1343.33	-0.016	191.2	-0.0089				
1343.37	-0.016	191	-0.0107				
1343.40	-0.017	190.8	-0.0107				
1343.43	-0.017	190.7	-0.0115				
1343.47	-0.017	190.6	-0.0115				
1343.50	-0.017	190.5	-0.0115				
1343.53	-0.017	190.4	-0.0115				
1343.57	-0.016	190.4	-0.0115				
1343.60	-0.016	190.3	-0.0107				
1343.63	-0.016	190.3	-0.0098				
1343.67	-0.014	190.3	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1343.70	-0.014	190.3	-0.008				
1343.73	-0.012	190.4	-0.0062				
1343.77	-0.01	190.5	-0.0062				
1343.80	-0.009	190.5	-0.0036				
1343.83	-0.009	190.5	-0.0018				
1343.87	-0.008	190.6	0				
1343.90	-0.006	190.8	0.0036				
1343.93	-0.004	190.9	0.0053				
1343.97	-0.002	191.1	0.0098				
1344.00	0.001	191.3	0.0098				
1344.03	0.002	191.4	0.0133				
1344.07	0.002	191.4	0.016				
1344.10	0.003	191.6	0.0204				
1344.13	0.007	191.9	0.024				
1344.17	0.009	192.1	0.0284				
1344.20	0.01	192.3	0.032				
1344.23	0.013	192.6	0.032				
1344.27	0.014	192.8	0.0364				
1344.30	0.014	192.8	0.0391				
1344.33	0.016	193.1	0.0435				
1344.37	0.019	193.4	0.047				
1344.40	0.02	193.6	0.0497				
1344.43	0.021	193.8	0.0524				
1344.47	0.023	194.1	0.0524				
1344.50	0.025	194.3	0.055				
1344.53	0.025	194.3	0.0577				
1344.57	0.025	194.5	0.0604				
1344.60	0.026	194.7	0.0621				
1344.63	0.027	194.9	0.063				
1344.67	0.027	195.1	0.0639				
1344.70	0.028	195.3	0.0657				
1344.75	0.029	195.5	0.0666				
1344.78	0.029	195.6	0.0666				
1344.80	0.029	195.7	0.0666				
1344.83	0.029	195.8	0.0666				
1344.87	0.029	195.8	0.0666				
1344.90	0.029	195.9	0.0666				
1344.93	0.028	196	0.0657				
1344.97	0.026	195.9	0.0648				
1345.00	0.026	196	0.0639				
1345.03	0.025	196	0.0621				
1345.07	0.023	195.9	0.0621				
1345.10	0.022	195.9	0.0595				
1345.13	0.022	195.9	0.0586				
1345.17	0.021	195.8	0.0559				
1345.20	0.018	195.7	0.0533				
1345.23	0.017	195.6	0.0515				
1345.27	0.016	195.4	0.0479				
1345.30	0.012	195.2	0.0479				
1345.33	0.011	195.2	0.0435				
1345.37	0.011	195	0.0417				
1345.40	0.01	194.8	0.0382				
1345.43	0.006	194.6	0.0337				
1345.47	0.005	194.4	0.0311				
1345.50	0.004	194.2	0.0257				
1345.53	-0.001	193.9	0.0257				
1345.57	-0.001	193.9	0.0213				
1345.60	-0.001	193.7	0.0186				
1345.63	-0.003	193.4	0.0142				
1345.67	-0.006	193.1	0.0107				
1345.70	-0.007	192.9	0.0071				
1345.73	-0.008	192.6	0.0044				
1345.77	-0.011	192.3	0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1345.80	-0.011	192.3	0.0009				
1345.83	-0.011	192.1	-0.0009				
1345.87	-0.013	191.9	-0.0044				
1345.90	-0.014	191.6	-0.0062				
1345.93	-0.015	191.4	-0.008				
1345.97	-0.016	191.2	-0.0098				
1346.00	-0.017	191	-0.0098				
1346.03	-0.017	190.9	-0.0107				
1346.07	-0.017	190.9	-0.0115				
1346.10	-0.017	190.8	-0.0115				
1346.13	-0.017	190.6	-0.0124				
1346.18	-0.017	190.5	-0.0124				
1346.22	-0.017	190.4	-0.0115				
1346.25	-0.017	190.4	-0.0115				
1346.27	-0.016	190.3	-0.0107				
1346.30	-0.015	190.3	-0.0098				
1346.33	-0.014	190.3	-0.0098				
1346.37	-0.013	190.3	-0.008				
1346.40	-0.013	190.3	-0.0071				
1346.43	-0.012	190.4	-0.0053				
1346.47	-0.01	190.5	-0.0036				
1346.50	-0.008	190.6	-0.0009				
1346.53	-0.007	190.6	0.0018				
1346.57	-0.005	190.8	0.0044				
1346.60	-0.003	191	0.0044				
1346.63	-0.003	191	0.008				
1346.67	-0.002	191.2	0.0115				
1346.70	0.001	191.4	0.0151				
1346.73	0.003	191.6	0.0186				
1346.77	0.004	191.7	0.0222				
1346.80	0.007	192	0.0275				
1346.83	0.01	192.2	0.0275				
1346.87	0.011	192.2	0.0311				
1346.90	0.011	192.4	0.0337				
1346.93	0.012	192.7	0.0382				
1346.97	0.016	193	0.0417				
1347.00	0.017	193.2	0.0453				
1347.03	0.018	193.5	0.0479				
1347.07	0.021	193.7	0.0479				
1347.10	0.022	193.7	0.0524				
1347.13	0.022	193.9	0.0541				
1347.17	0.023	194.2	0.0568				
1347.20	0.025	194.4	0.0595				
1347.23	0.026	194.6	0.0612				
1347.27	0.026	194.8	0.063				
1347.30	0.028	195	0.063				
1347.33	0.028	195	0.0648				
1347.37	0.028	195.2	0.0666				
1347.40	0.029	195.4	0.0675				
1347.43	0.029	195.5	0.0675				
1347.47	0.029	195.7	0.0675				
1347.50	0.029	195.7	0.0675				
1347.53	0.028	195.8	0.0675				
1347.57	0.028	195.8	0.0675				
1347.60	0.028	195.9	0.0675				
1347.65	0.026	196	0.0657				
1347.68	0.026	196	0.0657				
1347.70	0.026	196	0.0648				
1347.73	0.024	196	0.0621				
1347.77	0.023	195.9	0.0604				
1347.80	0.021	195.9	0.0586				
1347.83	0.02	195.8	0.0559				
1347.87	0.018	195.6	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1347.90	0.016	195.5	0.0533				
1347.93	0.016	195.5	0.0506				
1347.97	0.015	195.4	0.047				
1348.00	0.012	195.1	0.0435				
1348.03	0.01	194.9	0.0408				
1348.07	0.009	194.8	0.0373				
1348.10	0.006	194.5	0.0373				
1348.13	0.004	194.3	0.0337				
1348.17	0.004	194.3	0.0302				
1348.20	0.002	194.1	0.0249				
1348.23	0	193.8	0.0213				
1348.27	-0.003	193.5	0.0178				
1348.30	-0.003	193.3	0.0142				
1348.33	-0.006	193	0.0098				
1348.37	-0.008	192.8	0.0098				
1348.40	-0.008	192.8	0.0071				
1348.43	-0.009	192.5	0.0044				
1348.47	-0.011	192.2	0.0009				
1348.50	-0.013	192	-0.0018				
1348.53	-0.013	191.8	-0.0036				
1348.57	-0.014	191.6	-0.0053				
1348.60	-0.016	191.4	-0.0053				
1348.63	-0.016	191.4	-0.0071				
1348.67	-0.016	191.2	-0.008				
1348.70	-0.017	191	-0.0098				
1348.73	-0.017	190.9	-0.0107				
1348.77	-0.017	190.7	-0.0107				
1348.80	-0.017	190.6	-0.0107				
1348.83	-0.017	190.5	-0.0107				
1348.87	-0.017	190.5	-0.0107				
1348.90	-0.017	190.4	-0.0107				
1348.93	-0.016	190.4	-0.0098				
1348.97	-0.015	190.4	-0.0089				
1349.00	-0.015	190.3	-0.008				
1349.03	-0.014	190.4	-0.0062				
1349.08	-0.012	190.4	-0.0044				
1349.12	-0.011	190.4	-0.0027				
1349.15	-0.01	190.5	-0.0009				
1349.17	-0.008	190.7	-0.0009				
1349.20	-0.006	190.7	0.0018				
1349.23	-0.006	190.7	0.0036				
1349.27	-0.005	190.9	0.0071				
1349.30	-0.002	191.1	0.0107				
1349.33	0	191.2	0.0133				
1349.37	0.001	191.4	0.0169				
1349.40	0.004	191.7	0.0169				
1349.43	0.006	191.9	0.0204				
1349.47	0.006	191.9	0.024				
1349.50	0.007	192.1	0.0284				
1349.53	0.01	192.4	0.0328				
1349.57	0.012	192.6	0.0364				
1349.60	0.013	192.8	0.0408				
1349.63	0.016	193.1	0.0408				
1349.67	0.018	193.3	0.0444				
1349.70	0.018	193.3	0.047				
1349.73	0.019	193.5	0.0506				
1349.77	0.021	193.8	0.0541				
1349.80	0.023	194.1	0.0568				
1349.83	0.024	194.3	0.0595				
1349.87	0.025	194.5	0.0595				
1349.90	0.026	194.7	0.0612				
1349.93	0.026	194.7	0.063				
1349.97	0.027	194.9	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1350.00	0.028	195.1	0.0666				
1350.03	0.029	195.3	0.0675				
1350.07	0.028	195.4	0.0675				
1350.10	0.029	195.6	0.0683				
1350.13	0.029	195.7	0.0683				
1350.17	0.029	195.7	0.0683				
1350.20	0.029	195.8	0.0683				
1350.23	0.029	195.9	0.0683				
1350.27	0.028	196	0.0675				
1350.30	0.027	196	0.0666				
1350.33	0.026	196	0.0648				
1350.37	0.024	196	0.0648				
1350.40	0.023	196	0.0639				
1350.43	0.023	196	0.0621				
1350.47	0.022	195.9	0.0595				
1350.50	0.02	195.8	0.0568				
1350.55	0.019	195.7	0.055				
1350.58	0.018	195.6	0.0533				
1350.60	0.015	195.4	0.0497				
1350.63	0.014	195.3	0.0479				
1350.67	0.012	195.1	0.0444				
1350.70	0.009	194.9	0.0444				
1350.73	0.008	194.9	0.0399				
1350.77	0.008	194.7	0.0373				
1350.80	0.006	194.5	0.0337				
1350.83	0.002	194.2	0.0293				
1350.87	0.002	194.1	0.0249				
1350.90	0	193.8	0.0204				
1350.93	-0.004	193.5	0.0204				
1350.97	-0.005	193.5	0.0169				
1351.00	-0.005	193.3	0.0142				
1351.03	-0.006	193	0.0098				
1351.07	-0.009	192.7	0.0062				
1351.10	-0.01	192.5	0.0044				
1351.13	-0.011	192.2	0.0009				
1351.17	-0.013	192	0.0009				
1351.20	-0.014	192	-0.0018				
1351.23	-0.014	191.8	-0.0036				
1351.27	-0.015	191.5	-0.0053				
1351.30	-0.016	191.3	-0.0071				
1351.33	-0.017	191.2	-0.0089				
1351.37	-0.017	191	-0.0089				
1351.40	-0.017	190.8	-0.0089				
1351.43	-0.017	190.8	-0.0098				
1351.47	-0.017	190.7	-0.0107				
1351.50	-0.017	190.6	-0.0107				
1351.53	-0.017	190.5	-0.0107				
1351.57	-0.017	190.5	-0.0098				
1351.60	-0.016	190.4	-0.0089				
1351.63	-0.015	190.4	-0.0089				
1351.67	-0.014	190.4	-0.008				
1351.70	-0.014	190.4	-0.0071				
1351.73	-0.013	190.4	-0.0044				
1351.77	-0.011	190.5	-0.0027				
1351.80	-0.01	190.6	-0.0018				
1351.83	-0.009	190.6	0.0009				
1351.87	-0.006	190.8	0.0009				
1351.90	-0.004	190.9	0.0044				
1351.93	-0.004	190.9	0.0062				
1351.97	-0.003	191	0.0098				
1352.02	0.001	191.4	0.0133				
1352.05	0.001	191.4	0.0151				
1352.07	0.002	191.5	0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1352.10	0.005	191.8	0.0231				
1352.13	0.007	192	0.0275				
1352.17	0.008	192.2	0.0311				
1352.20	0.011	192.5	0.0355				
1352.23	0.013	192.8	0.0355				
1352.27	0.013	192.8	0.0391				
1352.30	0.014	192.9	0.0426				
1352.33	0.016	193.3	0.0462				
1352.37	0.019	193.5	0.0497				
1352.40	0.02	193.7	0.0524				
1352.43	0.021	194	0.055				
1352.47	0.024	194.2	0.055				
1352.50	0.024	194.2	0.0586				
1352.53	0.024	194.4	0.0604				
1352.57	0.025	194.7	0.0621				
1352.60	0.027	194.9	0.0648				
1352.63	0.027	195	0.0657				
1352.67	0.028	195.2	0.0675				
1352.70	0.029	195.4	0.0675				
1352.73	0.029	195.4	0.0675				
1352.77	0.029	195.6	0.0683				
1352.80	0.029	195.7	0.0683				
1352.83	0.029	195.8	0.0692				
1352.87	0.029	195.9	0.0692				
1352.90	0.028	196	0.0683				
1352.93	0.027	196	0.0683				
1352.97	0.026	196	0.0675				
1353.00	0.026	196.1	0.0666				
1353.03	0.026	196	0.0648				
1353.07	0.023	196	0.063				
1353.10	0.023	196	0.0621				
1353.13	0.022	195.9	0.0595				
1353.17	0.019	195.8	0.0595				
1353.20	0.018	195.8	0.0559				
1353.23	0.018	195.7	0.0541				
1353.27	0.017	195.5	0.0515				
1353.30	0.013	195.3	0.0479				
1353.33	0.012	195.2	0.0444				
1353.37	0.011	195	0.0417				
1353.40	0.007	194.7	0.0417				
1353.45	0.006	194.6	0.0346				
1353.48	0.005	194.4	0.0328				
1353.50	0.002	194.2	0.0328				
1353.53	0.001	194.2	0.0284				
1353.57	0.001	194	0.024				
1353.60	-0.001	193.7	0.0186				
1353.63	-0.005	193.4	0.0151				
1353.67	-0.005	193.2	0.0124				
1353.70	-0.006	192.9	0.0089				
1353.73	-0.01	192.6	0.0089				
1353.77	-0.01	192.6	0.0053				
1353.80	-0.01	192.4	0.0027				
1353.83	-0.011	192.1	0				
1353.87	-0.014	191.9	-0.0036				
1353.90	-0.014	191.7	-0.0044				
1353.93	-0.015	191.5	-0.0062				
1353.97	-0.016	191.3	-0.0062				
1354.00	-0.016	191.3	-0.0071				
1354.03	-0.016	191.1	-0.0089				
1354.07	-0.017	191	-0.0098				
1354.10	-0.017	190.8	-0.0098				
1354.13	-0.017	190.7	-0.0107				
1354.17	-0.017	190.6	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1354.20	-0.017	190.5	-0.0107				
1354.23	-0.016	190.5	-0.0107				
1354.27	-0.016	190.5	-0.0098				
1354.30	-0.016	190.4	-0.008				
1354.33	-0.014	190.4	-0.0071				
1354.37	-0.013	190.4	-0.0062				
1354.40	-0.013	190.5	-0.0044				
1354.43	-0.011	190.6	-0.0044				
1354.47	-0.009	190.6	-0.0018				
1354.50	-0.009	190.6	0				
1354.53	-0.008	190.7	0.0027				
1354.57	-0.006	190.9	0.0053				
1354.60	-0.004	191	0.008				
1354.63	-0.002	191.2	0.0115				
1354.67	0	191.4	0.0151				
1354.70	0.002	191.6	0.0151				
1354.73	0.002	191.6	0.0186				
1354.77	0.004	191.7	0.0222				
1354.80	0.006	192	0.0257				
1354.83	0.009	192.3	0.0311				
1354.87	0.01	192.5	0.0346				
1354.92	0.012	192.8	0.0382				
1354.95	0.014	192.9	0.0408				
1354.97	0.015	193.1	0.0435				
1355.00	0.017	193.4	0.047				
1355.03	0.02	193.7	0.047				
1355.07	0.02	193.7	0.0506				
1355.10	0.02	193.9	0.0533				
1355.13	0.022	194.1	0.0568				
1355.17	0.024	194.4	0.0595				
1355.20	0.024	194.5	0.0612				
1355.23	0.026	194.8	0.0639				
1355.27	0.027	195	0.0639				
1355.30	0.027	195	0.0657				
1355.33	0.027	195.1	0.0666				
1355.37	0.028	195.4	0.0675				
1355.40	0.029	195.5	0.0692				
1355.43	0.029	195.7	0.0692				
1355.47	0.029	195.8	0.0692				
1355.50	0.029	195.9	0.0692				
1355.53	0.029	195.9	0.0692				
1355.57	0.029	196	0.0692				
1355.60	0.028	196.1	0.0683				
1355.63	0.027	196.1	0.0675				
1355.67	0.026	196.1	0.0666				
1355.70	0.025	196	0.0639				
1355.73	0.023	196	0.0639				
1355.77	0.022	196	0.063				
1355.80	0.022	196	0.0612				
1355.83	0.021	195.9	0.0586				
1355.87	0.018	195.7	0.055				
1355.90	0.017	195.7	0.0533				
1355.93	0.016	195.5	0.0497				
1355.97	0.012	195.3	0.0497				
1356.00	0.012	195.3	0.047				
1356.03	0.012	195.1	0.0435				
1356.07	0.01	194.9	0.0399				
1356.10	0.005	194.7	0.0355				
1356.13	0.005	194.5	0.0328				
1356.17	0.004	194.3	0.0284				
1356.20	0	194	0.0284				
1356.23	-0.001	194	0.024				
1356.27	-0.001	193.8	0.0204				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1356.30	-0.003	193.5	0.0169				
1356.35	-0.006	193.2	0.0124				
1356.38	-0.006	193	0.0107				
1356.42	-0.008	192.8	0.0071				
1356.43	-0.01	192.5	0.0044				
1356.47	-0.011	192.3	0.0018				
1356.50	-0.012	192	-0.0009				
1356.53	-0.014	191.8	-0.0009				
1356.57	-0.015	191.6	-0.0027				
1356.60	-0.015	191.6	-0.0044				
1356.63	-0.016	191.4	-0.0062				
1356.67	-0.016	191.2	-0.008				
1356.70	-0.017	191	-0.0089				
1356.73	-0.017	190.9	-0.0089				
1356.77	-0.017	190.7	-0.0089				
1356.80	-0.017	190.6	-0.0098				
1356.83	-0.017	190.6	-0.0098				
1356.87	-0.017	190.5	-0.0098				
1356.90	-0.017	190.5	-0.0089				
1356.93	-0.016	190.5	-0.0089				
1356.97	-0.015	190.4	-0.008				
1357.00	-0.014	190.4	-0.008				
1357.03	-0.012	190.5	-0.0062				
1357.07	-0.012	190.5	-0.0044				
1357.10	-0.012	190.5	-0.0036				
1357.13	-0.01	190.6	-0.0009				
1357.17	-0.009	190.7	0.0009				
1357.20	-0.007	190.8	0.0044				
1357.23	-0.005	191	0.0071				
1357.27	-0.003	191.1	0.0071				
1357.30	-0.003	191.1	0.0098				
1357.33	-0.002	191.2	0.0133				
1357.37	0.001	191.5	0.0169				
1357.40	0.004	191.7	0.0204				
1357.43	0.004	191.8	0.024				
1357.47	0.007	192.1	0.0284				
1357.50	0.01	192.4	0.0284				
1357.53	0.01	192.4	0.0328				
1357.57	0.011	192.6	0.0364				
1357.60	0.013	192.8	0.0399				
1357.63	0.016	193.1	0.0435				
1357.67	0.016	193.3	0.047				
1357.70	0.019	193.6	0.0506				
1357.73	0.021	193.9	0.0506				
1357.77	0.021	193.9	0.0541				
1357.82	0.023	194.3	0.0577				
1357.85	0.024	194.5	0.0577				
1357.87	0.025	194.5	0.0595				
1357.90	0.025	194.7	0.0612				
1357.93	0.026	194.9	0.0639				
1357.97	0.028	195.1	0.0657				
1358.00	0.028	195.3	0.0666				
1358.03	0.028	195.4	0.0666				
1358.07	0.028	195.6	0.0666				
1358.10	0.029	195.6	0.0683				
1358.13	0.029	195.8	0.0683				
1358.17	0.029	195.9	0.0692				
1358.20	0.029	196	0.0692				
1358.23	0.028	196	0.0692				
1358.27	0.028	196.1	0.0683				
1358.30	0.026	196.1	0.0683				
1358.33	0.025	196.1	0.0666				
1358.37	0.025	196.1	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1358.40	0.025	196.1	0.0639				
1358.43	0.022	196	0.0621				
1358.47	0.022	196	0.0595				
1358.50	0.02	195.9	0.0568				
1358.53	0.018	195.7	0.0568				
1358.57	0.016	195.7	0.0541				
1358.60	0.016	195.6	0.0515				
1358.63	0.015	195.5	0.0488				
1358.67	0.012	195.2	0.0453				
1358.70	0.01	195.1	0.0426				
1358.73	0.009	194.9	0.0373				
1358.77	0.005	194.6	0.0373				
1358.80	0.004	194.6	0.0346				
1358.83	0.004	194.4	0.0311				
1358.87	0.003	194.2	0.0275				
1358.90	-0.001	193.9	0.0222				
1358.93	-0.002	193.7	0.0195				
1358.97	-0.003	193.4	0.0142				
1359.00	-0.007	193.1	0.0142				
1359.03	-0.008	192.9	0.0107				
1359.07	-0.008	192.9	0.008				
1359.10	-0.009	192.7	0.0044				
1359.13	-0.012	192.3	0.0009				
1359.17	-0.012	192.2	0				
1359.20	-0.013	191.9	-0.0027				
1359.25	-0.015	191.7	-0.0053				
1359.28	-0.015	191.5	-0.0062				
1359.32	-0.016	191.3	-0.008				
1359.33	-0.016	191.2	-0.008				
1359.37	-0.017	191	-0.0089				
1359.40	-0.017	191	-0.0098				
1359.43	-0.017	190.8	-0.0107				
1359.47	-0.017	190.7	-0.0107				
1359.50	-0.017	190.6	-0.0107				
1359.53	-0.017	190.5	-0.0107				
1359.57	-0.016	190.5	-0.0098				
1359.60	-0.016	190.5	-0.0098				
1359.63	-0.015	190.5	-0.0089				
1359.67	-0.015	190.4	-0.008				
1359.70	-0.014	190.5	-0.0071				
1359.73	-0.012	190.5	-0.0053				
1359.77	-0.011	190.5	-0.0027				
1359.80	-0.01	190.6	-0.0009				
1359.83	-0.007	190.8	-0.0009				
1359.87	-0.007	190.8	0.0018				
1359.90	-0.007	190.8	0.0036				
1359.93	-0.005	191	0.0071				
1359.97	-0.002	191.2	0.0107				
1360.00	-0.001	191.3	0.0133				
1360.03	0.001	191.6	0.0169				
1360.07	0.005	191.8	0.0169				
1360.10	0.005	191.8	0.0213				
1360.13	0.005	191.9	0.024				
1360.17	0.007	192.2	0.0293				
1360.20	0.012	192.5	0.0337				
1360.23	0.012	192.7	0.0364				
1360.27	0.013	192.9	0.0399				
1360.30	0.017	193.2	0.0399				
1360.33	0.018	193.2	0.0444				
1360.37	0.018	193.4	0.047				
1360.40	0.019	193.6	0.0506				
1360.43	0.021	193.9	0.0541				
1360.47	0.023	194.1	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1360.50	0.023	194.4	0.0595				
1360.53	0.025	194.6	0.0595				
1360.57	0.026	194.6	0.0612				
1360.60	0.026	194.8	0.063				
1360.63	0.027	195	0.0648				
1360.67	0.028	195.2	0.0666				
1360.72	0.028	195.4	0.0666				
1360.75	0.028	195.6	0.0675				
1360.77	0.029	195.7	0.0683				
1360.80	0.029	195.8	0.0683				
1360.83	0.029	195.9	0.0683				
1360.87	0.029	196	0.0683				
1360.90	0.028	196.1	0.0683				
1360.93	0.028	196.1	0.0683				
1360.97	0.028	196.1	0.0675				
1361.00	0.026	196.1	0.0657				
1361.03	0.025	196.1	0.0639				
1361.07	0.024	196.1	0.063				
1361.10	0.022	196	0.063				
1361.13	0.021	195.9	0.0604				
1361.17	0.021	195.9	0.0586				
1361.20	0.019	195.9	0.055				
1361.23	0.017	195.7	0.0524				
1361.27	0.015	195.6	0.0497				
1361.30	0.014	195.4	0.047				
1361.33	0.011	195.2	0.047				
1361.37	0.009	195	0.0426				
1361.40	0.009	195	0.0399				
1361.43	0.008	194.8	0.0364				
1361.47	0.005	194.5	0.032				
1361.50	0.003	194.3	0.0293				
1361.53	0.002	194.1	0.024				
1361.57	-0.001	193.8	0.0204				
1361.60	-0.004	193.6	0.0204				
1361.63	-0.005	193.6	0.016				
1361.67	-0.005	193.3	0.0133				
1361.70	-0.006	193	0.0098				
1361.73	-0.009	192.8	0.0062				
1361.77	-0.01	192.6	0.0036				
1361.80	-0.011	192.3	0.0009				
1361.83	-0.013	192	0.0009				
1361.87	-0.014	192	-0.0027				
1361.90	-0.014	191.9	-0.0036				
1361.93	-0.015	191.6	-0.0062				
1361.97	-0.016	191.4	-0.008				
1362.00	-0.016	191.2	-0.0089				
1362.03	-0.017	191.1	-0.0098				
1362.07	-0.017	190.9	-0.0098				
1362.10	-0.017	190.9	-0.0107				
1362.13	-0.017	190.8	-0.0107				
1362.18	-0.017	190.6	-0.0115				
1362.22	-0.017	190.6	-0.0115				
1362.23	-0.017	190.5	-0.0107				
1362.27	-0.016	190.5	-0.0098				
1362.30	-0.015	190.5	-0.0089				
1362.33	-0.014	190.4	-0.008				
1362.37	-0.014	190.5	-0.0062				
1362.40	-0.011	190.5	-0.0062				
1362.43	-0.011	190.5	-0.0044				
1362.47	-0.011	190.5	-0.0036				
1362.50	-0.01	190.7	-0.0009				
1362.53	-0.007	190.8	0.0018				
1362.57	-0.006	190.9	0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1362.60	-0.005	191.1	0.008				
1362.63	-0.001	191.3	0.008				
1362.67	0	191.3	0.0115				
1362.70	0	191.4	0.0142				
1362.73	0.002	191.6	0.0186				
1362.77	0.005	191.9	0.0231				
1362.80	0.006	192.1	0.0257				
1362.83	0.008	192.3	0.0302				
1362.87	0.011	192.6	0.0302				
1362.90	0.013	192.6	0.0346				
1362.93	0.013	192.8	0.0382				
1362.97	0.014	193	0.0417				
1363.00	0.017	193.3	0.0453				
1363.03	0.018	193.5	0.0479				
1363.07	0.019	193.8	0.0515				
1363.10	0.022	194.1	0.0515				
1363.13	0.023	194.3	0.055				
1363.17	0.023	194.3	0.0568				
1363.20	0.024	194.5	0.0595				
1363.23	0.026	194.7	0.0621				
1363.27	0.027	194.9	0.0639				
1363.30	0.027	195.1	0.0648				
1363.33	0.028	195.3	0.0648				
1363.37	0.029	195.5	0.0666				
1363.40	0.029	195.5	0.0675				
1363.43	0.029	195.7	0.0675				
1363.47	0.029	195.8	0.0675				
1363.50	0.028	195.9	0.0675				
1363.53	0.028	196	0.0675				
1363.57	0.028	196.1	0.0675				
1363.62	0.027	196.1	0.0675				
1363.65	0.027	196.1	0.0666				
1363.68	0.026	196.1	0.0666				
1363.70	0.024	196.1	0.0648				
1363.73	0.024	196.1	0.063				
1363.77	0.023	196.1	0.0612				
1363.80	0.021	196	0.0586				
1363.83	0.02	196	0.0568				
1363.87	0.019	195.9	0.0541				
1363.90	0.017	195.6	0.0541				
1363.93	0.014	195.5	0.0515				
1363.97	0.014	195.5	0.0479				
1364.00	0.013	195.4	0.0444				
1364.03	0.011	195.1	0.0408				
1364.07	0.008	194.9	0.0382				
1364.10	0.007	194.8	0.0346				
1364.13	0.005	194.5	0.0311				
1364.17	0.002	194.2	0.0311				
1364.20	0.002	194.2	0.0275				
1364.23	0.001	194	0.0222				
1364.27	-0.002	193.7	0.0178				
1364.30	-0.004	193.5	0.0142				
1364.33	-0.005	193.3	0.0107				
1364.37	-0.007	192.9	0.0071				
1364.40	-0.01	192.7	0.0071				
1364.43	-0.01	192.7	0.0044				
1364.47	-0.01	192.5	0.0018				
1364.50	-0.011	192.2	0				
1364.53	-0.014	192	-0.0027				
1364.57	-0.014	191.8	-0.0053				
1364.60	-0.015	191.5	-0.0071				
1364.63	-0.016	191.3	-0.0071				
1364.67	-0.017	191.3	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1364.70	-0.017	191.2	-0.0098				
1364.73	-0.017	191	-0.0107				
1364.77	-0.017	190.9	-0.0107				
1364.80	-0.017	190.8	-0.0115				
1364.83	-0.017	190.7	-0.0115				
1364.87	-0.017	190.6	-0.0115				
1364.90	-0.016	190.6	-0.0107				
1364.93	-0.016	190.5	-0.0107				
1364.97	-0.016	190.5	-0.0098				
1365.00	-0.014	190.5	-0.008				
1365.03	-0.014	190.5	-0.0071				
1365.08	-0.013	190.6	-0.0053				
1365.12	-0.011	190.6	-0.0044				
1365.13	-0.01	190.6	-0.0027				
1365.17	-0.009	190.7	0				
1365.20	-0.006	190.9	0				
1365.23	-0.005	190.9	0.0036				
1365.27	-0.005	191	0.0062				
1365.30	-0.003	191.2	0.0098				
1365.33	0	191.4	0.0124				
1365.37	0.001	191.5	0.0151				
1365.40	0.002	191.7	0.0195				
1365.43	0.006	192	0.0195				
1365.47	0.007	192	0.024				
1365.50	0.007	192.2	0.0275				
1365.53	0.009	192.4	0.032				
1365.57	0.012	192.7	0.0364				
1365.60	0.014	192.9	0.0391				
1365.63	0.015	193.2	0.0426				
1365.67	0.018	193.5	0.0426				
1365.70	0.019	193.7	0.047				
1365.73	0.019	193.7	0.0497				
1365.77	0.02	193.9	0.0524				
1365.80	0.023	194.2	0.0559				
1365.83	0.024	194.4	0.0586				
1365.87	0.025	194.6	0.0604				
1365.90	0.026	194.8	0.0604				
1365.93	0.027	195	0.0621				
1365.97	0.027	195	0.0639				
1366.00	0.027	195.2	0.0657				
1366.03	0.029	195.4	0.0675				
1366.07	0.029	195.6	0.0675				
1366.10	0.029	195.7	0.0675				
1366.13	0.029	195.9	0.0675				
1366.17	0.028	196	0.0675				
1366.20	0.028	196	0.0675				
1366.23	0.028	196	0.0675				
1366.27	0.028	196.1	0.0675				
1366.30	0.027	196.1	0.0666				
1366.33	0.026	196.2	0.0648				
1366.37	0.025	196.1	0.063				
1366.40	0.023	196.1	0.063				
1366.43	0.023	196.1	0.0612				
1366.47	0.022	196	0.0595				
1366.52	0.019	195.9	0.0568				
1366.55	0.019	195.9	0.055				
1366.58	0.017	195.8	0.0524				
1366.60	0.016	195.6	0.0497				
1366.63	0.013	195.4	0.047				
1366.67	0.012	195.3	0.0435				
1366.70	0.01	195	0.0399				
1366.73	0.007	194.8	0.0399				
1366.77	0.006	194.8	0.0364				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1366.80	0.006	194.7	0.0328				
1366.83	0.004	194.4	0.0293				
1366.87	0.001	194.1	0.024				
1366.90	0	193.9	0.0213				
1366.93	-0.002	193.6	0.0169				
1366.97	-0.006	193.4	0.0169				
1367.00	-0.006	193.4	0.0124				
1367.03	-0.006	193.2	0.0098				
1367.07	-0.008	192.9	0.0062				
1367.10	-0.01	192.6	0.0036				
1367.13	-0.011	192.4	0.0009				
1367.17	-0.012	192.1	-0.0018				
1367.20	-0.014	191.9	-0.0018				
1367.23	-0.015	191.9	-0.0044				
1367.27	-0.015	191.7	-0.0053				
1367.30	-0.015	191.5	-0.008				
1367.33	-0.017	191.3	-0.0098				
1367.37	-0.017	191.2	-0.0098				
1367.40	-0.017	191	-0.0107				
1367.43	-0.017	190.8	-0.0107				
1367.47	-0.017	190.8	-0.0115				
1367.50	-0.017	190.7	-0.0115				
1367.53	-0.017	190.6	-0.0115				
1367.57	-0.016	190.6	-0.0107				
1367.60	-0.016	190.5	-0.0098				
1367.63	-0.015	190.5	-0.0089				
1367.67	-0.014	190.5	-0.0089				
1367.70	-0.013	190.5	-0.0071				
1367.73	-0.013	190.5	-0.0062				
1367.77	-0.012	190.6	-0.0044				
1367.80	-0.01	190.7	-0.0027				
1367.83	-0.009	190.8	-0.0009				
1367.87	-0.007	190.9	0.0027				
1367.90	-0.004	191	0.0027				
1367.93	-0.003	191.2	0.0062				
1367.98	-0.002	191.3	0.0098				
1368.02	0	191.5	0.0098				
1368.03	0.002	191.7	0.0133				
1368.07	0.002	191.7	0.0169				
1368.10	0.004	191.8	0.0213				
1368.13	0.007	192.1	0.0257				
1368.17	0.009	192.3	0.0293				
1368.20	0.01	192.5	0.0337				
1368.23	0.013	192.8	0.0337				
1368.27	0.014	193	0.0373				
1368.30	0.014	193	0.0399				
1368.33	0.016	193.3	0.0444				
1368.37	0.019	193.6	0.0479				
1368.40	0.02	193.8	0.0506				
1368.43	0.021	194	0.0541				
1368.47	0.023	194.3	0.0541				
1368.50	0.024	194.5	0.0568				
1368.53	0.024	194.5	0.0586				
1368.57	0.025	194.7	0.0612				
1368.60	0.026	194.9	0.0639				
1368.63	0.028	195.1	0.0648				
1368.67	0.028	195.3	0.0657				
1368.70	0.028	195.5	0.0657				
1368.73	0.029	195.7	0.0666				
1368.77	0.029	195.7	0.0675				
1368.80	0.029	195.8	0.0675				
1368.83	0.029	195.9	0.0675				
1368.87	0.029	196	0.0675				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1368.90	0.028	196.1	0.0675				
1368.93	0.028	196.2	0.0666				
1368.97	0.026	196.2	0.0666				
1369.00	0.025	196.2	0.0657				
1369.03	0.025	196.2	0.0639				
1369.07	0.025	196.2	0.0621				
1369.10	0.022	196.1	0.0604				
1369.13	0.022	196	0.0586				
1369.17	0.02	195.9	0.0559				
1369.20	0.017	195.8	0.0559				
1369.23	0.016	195.8	0.0533				
1369.27	0.016	195.7	0.0506				
1369.30	0.015	195.5	0.047				
1369.33	0.011	195.3	0.0435				
1369.37	0.01	195.1	0.0408				
1369.40	0.009	194.9	0.0373				
1369.45	0.007	194.8	0.0346				
1369.48	0.005	194.6	0.0311				
1369.50	0.004	194.3	0.0275				
1369.53	0	194	0.0275				
1369.57	-0.001	194	0.0222				
1369.60	-0.001	193.8	0.0186				
1369.63	-0.003	193.6	0.0151				
1369.67	-0.006	193.3	0.0107				
1369.70	-0.007	193.1	0.008				
1369.73	-0.008	192.8	0.0044				
1369.77	-0.011	192.5	0.0044				
1369.80	-0.011	192.5	0.0018				
1369.83	-0.011	192.3	-0.0009				
1369.87	-0.013	192	-0.0036				
1369.90	-0.015	191.8	-0.0062				
1369.93	-0.015	191.6	-0.0071				
1369.97	-0.016	191.4	-0.008				
1370.00	-0.016	191.2	-0.008				
1370.03	-0.017	191.1	-0.0098				
1370.07	-0.017	191.1	-0.0107				
1370.10	-0.017	190.9	-0.0107				
1370.13	-0.017	190.8	-0.0115				
1370.17	-0.017	190.7	-0.0115				
1370.20	-0.017	190.6	-0.0115				
1370.23	-0.016	190.6	-0.0115				
1370.27	-0.015	190.6	-0.0107				
1370.30	-0.015	190.6	-0.0098				
1370.33	-0.015	190.5	-0.008				
1370.37	-0.014	190.6	-0.0071				
1370.40	-0.012	190.6	-0.0062				
1370.43	-0.012	190.6	-0.0036				
1370.47	-0.01	190.8	-0.0036				
1370.50	-0.007	190.9	-0.0009				
1370.53	-0.007	190.9	0.0009				
1370.57	-0.006	190.9	0.0036				
1370.60	-0.004	191.2	0.0062				
1370.63	-0.002	191.3	0.0089				
1370.67	-0.001	191.4	0.0124				
1370.70	0.002	191.7	0.0169				
1370.73	0.004	191.9	0.0169				
1370.77	0.004	191.9	0.0204				
1370.80	0.005	192.1	0.024				
1370.83	0.008	192.4	0.0284				
1370.88	0.011	192.6	0.0328				
1370.92	0.011	192.7	0.0346				
1370.93	0.013	193	0.0382				
1370.97	0.016	193.2	0.0417				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1371.00	0.017	193.4	0.0453				
1371.03	0.019	193.7	0.0497				
1371.07	0.021	194	0.0497				
1371.10	0.021	194	0.0524				
1371.13	0.022	194.2	0.055				
1371.17	0.023	194.5	0.0577				
1371.20	0.025	194.7	0.0604				
1371.23	0.026	194.9	0.0621				
1371.27	0.026	195.1	0.0639				
1371.30	0.028	195.3	0.0639				
1371.33	0.028	195.3	0.0657				
1371.37	0.028	195.5	0.0657				
1371.40	0.028	195.6	0.0666				
1371.43	0.029	195.8	0.0675				
1371.47	0.029	195.9	0.0675				
1371.50	0.029	196	0.0675				
1371.53	0.028	196.1	0.0675				
1371.57	0.028	196.1	0.0675				
1371.60	0.028	196.2	0.0675				
1371.63	0.027	196.2	0.0657				
1371.67	0.026	196.2	0.0648				
1371.70	0.025	196.2	0.0639				
1371.73	0.024	196.2	0.0621				
1371.77	0.022	196.1	0.0621				
1371.80	0.021	196.1	0.0595				
1371.83	0.021	196.1	0.0577				
1371.87	0.02	195.9	0.055				
1371.90	0.016	195.8	0.0515				
1371.93	0.016	195.7	0.0488				
1371.97	0.014	195.5	0.0453				
1372.00	0.01	195.2	0.0453				
1372.03	0.01	195.2	0.0417				
1372.07	0.01	195.1	0.0391				
1372.10	0.008	194.8	0.0355				
1372.13	0.004	194.6	0.032				
1372.17	0.003	194.4	0.0284				
1372.20	0.001	194.2	0.0231				
1372.23	-0.002	193.9	0.0231				
1372.27	-0.003	193.9	0.0186				
1372.30	-0.003	193.7	0.016				
1372.35	-0.006	193.2	0.0124				
1372.38	-0.007	193.2	0.0098				
1372.40	-0.007	192.9	0.0071				
1372.43	-0.009	192.7	0.0036				
1372.47	-0.012	192.4	0				
1372.50	-0.012	192.2	-0.0018				
1372.53	-0.013	192	-0.0044				
1372.57	-0.015	191.7	-0.0044				
1372.60	-0.015	191.7	-0.0062				
1372.63	-0.015	191.5	-0.0071				
1372.67	-0.016	191.4	-0.0089				
1372.70	-0.017	191.2	-0.0107				
1372.73	-0.017	191	-0.0115				
1372.77	-0.017	190.9	-0.0115				
1372.80	-0.017	190.8	-0.0115				
1372.83	-0.017	190.8	-0.0115				
1372.87	-0.017	190.7	-0.0115				
1372.90	-0.017	190.6	-0.0115				
1372.93	-0.016	190.6	-0.0107				
1372.97	-0.015	190.6	-0.0098				
1373.00	-0.014	190.5	-0.008				
1373.03	-0.013	190.6	-0.008				
1373.07	-0.012	190.6	-0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1373.10	-0.012	190.6	-0.0053				
1373.13	-0.011	190.7	-0.0027				
1373.17	-0.008	190.8	-0.0009				
1373.20	-0.007	190.9	0.0018				
1373.23	-0.006	191	0.0053				
1373.27	-0.003	191.2	0.0053				
1373.30	-0.001	191.2	0.008				
1373.33	-0.001	191.4	0.0107				
1373.37	0	191.5	0.0151				
1373.40	0.004	191.8	0.0186				
1373.43	0.004	191.9	0.0213				
1373.47	0.006	192.2	0.0257				
1373.50	0.01	192.5	0.0257				
1373.53	0.011	192.5	0.0311				
1373.57	0.011	192.7	0.0337				
1373.60	0.012	192.9	0.0373				
1373.63	0.016	193.2	0.0417				
1373.67	0.017	193.4	0.0444				
1373.70	0.018	193.6	0.0479				
1373.73	0.02	193.9	0.0479				
1373.78	0.022	194.2	0.0541				
1373.82	0.022	194.3	0.0559				
1373.85	0.024	194.6	0.0559				
1373.87	0.026	194.8	0.0586				
1373.90	0.026	194.8	0.0612				
1373.93	0.026	195	0.0621				
1373.97	0.027	195.2	0.0639				
1374.00	0.028	195.4	0.0657				
1374.03	0.028	195.6	0.0666				
1374.07	0.029	195.7	0.0675				
1374.10	0.029	195.9	0.0675				
1374.13	0.029	195.9	0.0675				
1374.17	0.029	196	0.0675				
1374.20	0.029	196.1	0.0675				
1374.23	0.028	196.2	0.0675				
1374.27	0.028	196.2	0.0666				
1374.30	0.027	196.2	0.0657				
1374.33	0.025	196.2	0.0657				
1374.37	0.025	196.2	0.0639				
1374.40	0.025	196.2	0.0621				
1374.43	0.023	196.2	0.0604				
1374.47	0.021	196.1	0.0577				
1374.50	0.02	196	0.0568				
1374.53	0.019	195.9	0.0533				
1374.57	0.015	195.8	0.0533				
1374.60	0.015	195.8	0.0506				
1374.63	0.015	195.7	0.0479				
1374.67	0.013	195.4	0.0435				
1374.70	0.01	195.2	0.0399				
1374.73	0.009	195	0.0373				
1374.77	0.007	194.8	0.0328				
1374.80	0.003	194.5	0.0328				
1374.83	0.003	194.5	0.0293				
1374.87	0.003	194.4	0.0257				
1374.90	0.001	194.1	0.0213				
1374.93	-0.003	193.8	0.0169				
1374.97	-0.004	193.6	0.0142				
1375.00	-0.005	193.3	0.0107				
1375.03	-0.008	193	0.0107				
1375.07	-0.009	193	0.0062				
1375.10	-0.009	192.8	0.0044				
1375.13	-0.01	192.5	0.0009				
1375.17	-0.013	192.3	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1375.20	-0.013	192.1	-0.0036				
1375.25	-0.014	191.8	-0.0053				
1375.28	-0.015	191.6	-0.0071				
1375.30	-0.016	191.5	-0.008				
1375.33	-0.016	191.3	-0.0098				
1375.37	-0.017	191.2	-0.0098				
1375.40	-0.017	191	-0.0107				
1375.43	-0.017	191	-0.0115				
1375.47	-0.017	190.9	-0.0115				
1375.50	-0.017	190.8	-0.0115				
1375.53	-0.017	190.7	-0.0115				
1375.57	-0.016	190.6	-0.0115				
1375.60	-0.016	190.6	-0.0107				
1375.63	-0.014	190.6	-0.0107				
1375.67	-0.014	190.6	-0.0089				
1375.70	-0.014	190.5	-0.008				
1375.73	-0.013	190.6	-0.0062				
1375.77	-0.011	190.7	-0.0044				
1375.80	-0.01	190.7	-0.0027				
1375.83	-0.009	190.9	0				
1375.87	-0.006	191	0				
1375.90	-0.005	191	0.0027				
1375.93	-0.005	191.1	0.0062				
1375.97	-0.004	191.3	0.008				
1376.00	0	191.5	0.0115				
1376.03	0.001	191.6	0.0151				
1376.07	0.003	191.9	0.0204				
1376.10	0.007	192.1	0.0204				
1376.13	0.007	192.1	0.024				
1376.17	0.007	192.3	0.0275				
1376.20	0.009	192.6	0.032				
1376.23	0.012	192.8	0.0355				
1376.27	0.014	193	0.0391				
1376.30	0.015	193.3	0.0426				
1376.33	0.018	193.6	0.0426				
1376.37	0.019	193.6	0.0462				
1376.40	0.019	193.8	0.0497				
1376.43	0.021	194	0.0524				
1376.47	0.023	194.3	0.0559				
1376.50	0.023	194.5	0.0568				
1376.53	0.024	194.7	0.0604				
1376.57	0.026	195	0.0604				
1376.60	0.027	195	0.0621				
1376.63	0.027	195.1	0.0639				
1376.68	0.028	195.6	0.0657				
1376.72	0.028	195.6	0.0666				
1376.75	0.028	195.7	0.0666				
1376.77	0.028	195.8	0.0666				
1376.80	0.029	196	0.0675				
1376.83	0.029	196.1	0.0683				
1376.87	0.029	196.2	0.0683				
1376.90	0.028	196.2	0.0683				
1376.93	0.027	196.2	0.0675				
1376.97	0.027	196.3	0.0666				
1377.00	0.027	196.3	0.0648				
1377.03	0.024	196.2	0.063				
1377.07	0.024	196.3	0.0621				
1377.10	0.023	196.2	0.0595				
1377.13	0.02	196.1	0.0595				
1377.17	0.019	196.1	0.0568				
1377.20	0.019	196	0.0559				
1377.23	0.018	195.9	0.0524				
1377.27	0.015	195.7	0.0497				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1377.30	0.014	195.6	0.0462				
1377.33	0.012	195.4	0.0426				
1377.37	0.009	195.1	0.0426				
1377.40	0.008	195.1	0.0391				
1377.43	0.008	195	0.0364				
1377.47	0.006	194.8	0.0328				
1377.50	0.002	194.5	0.0275				
1377.53	0.001	194.3	0.024				
1377.57	0	194	0.0204				
1377.60	-0.004	193.7	0.0204				
1377.63	-0.004	193.7	0.016				
1377.67	-0.004	193.5	0.0133				
1377.70	-0.006	193.3	0.0089				
1377.73	-0.009	192.9	0.0053				
1377.77	-0.01	192.7	0.0027				
1377.80	-0.011	192.5	0				
1377.83	-0.013	192.2	0				
1377.87	-0.014	192.2	-0.0036				
1377.90	-0.014	192	-0.0044				
1377.93	-0.014	191.8	-0.0062				
1377.97	-0.016	191.6	-0.0089				
1378.00	-0.016	191.4	-0.0098				
1378.03	-0.017	191.2	-0.0107				
1378.07	-0.017	191.1	-0.0107				
1378.10	-0.017	191	-0.0115				
1378.15	-0.017	190.8	-0.0115				
1378.18	-0.017	190.8	-0.0115				
1378.20	-0.017	190.7	-0.0115				
1378.23	-0.017	190.7	-0.0115				
1378.27	-0.016	190.6	-0.0107				
1378.30	-0.015	190.6	-0.0098				
1378.33	-0.014	190.6	-0.0089				
1378.37	-0.014	190.6	-0.0071				
1378.40	-0.012	190.7	-0.0053				
1378.43	-0.01	190.8	-0.0053				
1378.47	-0.009	190.8	-0.0036				
1378.50	-0.009	190.8	-0.0018				
1378.53	-0.008	190.9	0.0009				
1378.57	-0.005	191.1	0.0036				
1378.60	-0.004	191.2	0.0062				
1378.63	-0.002	191.4	0.0107				
1378.67	0.001	191.6	0.0107				
1378.70	0.002	191.6	0.0133				
1378.73	0.002	191.7	0.0169				
1378.77	0.004	192	0.0213				
1378.80	0.007	192.2	0.0249				
1378.83	0.008	192.4	0.0284				
1378.87	0.01	192.7	0.0328				
1378.90	0.013	193	0.0328				
1378.93	0.015	193	0.0373				
1378.97	0.015	193.2	0.0408				
1379.00	0.016	193.4	0.0444				
1379.03	0.019	193.7	0.0479				
1379.07	0.02	193.9	0.0497				
1379.10	0.021	194.2	0.0533				
1379.13	0.024	194.4	0.0533				
1379.17	0.024	194.4	0.0568				
1379.20	0.024	194.6	0.0586				
1379.23	0.025	194.9	0.0612				
1379.27	0.027	195.1	0.063				
1379.30	0.027	195.3	0.0639				
1379.33	0.028	195.5	0.0657				
1379.37	0.029	195.7	0.0657				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1379.40	0.029	195.7	0.0666				
1379.43	0.029	195.8	0.0675				
1379.47	0.029	195.9	0.0675				
1379.50	0.029	196	0.0675				
1379.53	0.029	196.1	0.0675				
1379.57	0.028	196.2	0.0675				
1379.62	0.027	196.2	0.0657				
1379.65	0.027	196.3	0.0657				
1379.67	0.026	196.3	0.0639				
1379.70	0.025	196.3	0.0639				
1379.73	0.023	196.3	0.063				
1379.77	0.023	196.2	0.0612				
1379.80	0.022	196.2	0.0577				
1379.83	0.02	196.1	0.0559				
1379.87	0.018	196	0.0533				
1379.90	0.017	195.9	0.0515				
1379.93	0.014	195.7	0.0515				
1379.97	0.013	195.7	0.0479				
1380.00	0.013	195.6	0.0453				
1380.03	0.011	195.4	0.0408				
1380.07	0.008	195.1	0.0373				
1380.10	0.007	194.9	0.0346				
1380.13	0.006	194.7	0.0311				
1380.17	0.002	194.4	0.0311				
1380.20	0	194.4	0.0257				
1380.23	0	194.2	0.0222				
1380.27	-0.001	194	0.0178				
1380.30	-0.005	193.7	0.0133				
1380.33	-0.005	193.5	0.0107				
1380.37	-0.007	193.2	0.0071				
1380.40	-0.009	192.9	0.0071				
1380.43	-0.01	192.9	0.0044				
1380.47	-0.01	192.6	0.0009				
1380.50	-0.012	192.4	-0.0018				
1380.53	-0.013	192.1	-0.0044				
1380.57	-0.014	191.9	-0.0062				
1380.60	-0.015	191.7	-0.0071				
1380.63	-0.016	191.5	-0.0071				
1380.67	-0.017	191.5	-0.0098				
1380.70	-0.017	191.3	-0.0107				
1380.73	-0.017	191.2	-0.0107				
1380.77	-0.017	191.1	-0.0115				
1380.80	-0.017	190.9	-0.0115				
1380.83	-0.017	190.8	-0.0124				
1380.87	-0.017	190.7	-0.0124				
1380.90	-0.016	190.7	-0.0124				
1380.93	-0.016	190.7	-0.0107				
1380.97	-0.016	190.6	-0.0107				
1381.00	-0.015	190.7	-0.0098				
1381.05	-0.013	190.7	-0.008				
1381.08	-0.013	190.6	-0.0071				
1381.12	-0.012	190.7	-0.0053				
1381.13	-0.01	190.8	-0.0036				
1381.17	-0.009	190.8	0				
1381.20	-0.006	191	0				
1381.23	-0.005	191.2	0.0027				
1381.27	-0.005	191.2	0.0053				
1381.30	-0.004	191.3	0.008				
1381.33	-0.001	191.5	0.0124				
1381.37	0.002	191.7	0.0151				
1381.40	0.003	191.9	0.0186				
1381.43	0.005	192.2	0.0222				
1381.47	0.007	192.4	0.0222				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1381.50	0.007	192.4	0.0257				
1381.53	0.009	192.6	0.0311				
1381.57	0.012	192.9	0.0355				
1381.60	0.015	193.1	0.0391				
1381.63	0.015	193.3	0.0417				
1381.67	0.017	193.6	0.0453				
1381.70	0.02	193.8	0.0453				
1381.73	0.02	193.8	0.0488				
1381.77	0.02	194	0.0524				
1381.80	0.022	194.3	0.055				
1381.83	0.024	194.6	0.0577				
1381.87	0.025	194.8	0.0595				
1381.90	0.025	195	0.0612				
1381.93	0.027	195.2	0.0612				
1381.97	0.027	195.2	0.063				
1382.00	0.027	195.4	0.0639				
1382.03	0.028	195.6	0.0657				
1382.07	0.029	195.7	0.0666				
1382.10	0.029	195.9	0.0666				
1382.13	0.029	196	0.0675				
1382.17	0.029	196.1	0.0675				
1382.20	0.029	196.1	0.0675				
1382.23	0.029	196.2	0.0675				
1382.27	0.028	196.2	0.0666				
1382.30	0.027	196.3	0.0657				
1382.33	0.026	196.3	0.0639				
1382.37	0.025	196.3	0.0621				
1382.40	0.023	196.2	0.0621				
1382.43	0.022	196.2	0.0604				
1382.47	0.022	196.2	0.0595				
1382.52	0.019	196	0.0559				
1382.55	0.018	196	0.055				
1382.57	0.018	196	0.0524				
1382.60	0.016	195.8	0.0488				
1382.63	0.013	195.6	0.0453				
1382.67	0.012	195.5	0.0435				
1382.70	0.011	195.3	0.0399				
1382.73	0.007	195	0.0399				
1382.77	0.006	195	0.0355				
1382.80	0.006	194.9	0.0328				
1382.83	0.004	194.6	0.0284				
1382.87	0.001	194.3	0.0231				
1382.90	-0.001	194.1	0.0204				
1382.93	-0.002	193.9	0.016				
1382.97	-0.005	193.6	0.016				
1383.00	-0.006	193.3	0.0124				
1383.03	-0.006	193.3	0.0089				
1383.07	-0.007	193.1	0.0053				
1383.10	-0.01	192.7	0.0018				
1383.13	-0.011	192.5	-0.0009				
1383.17	-0.012	192.3	-0.0027				
1383.20	-0.014	192.1	-0.0027				
1383.23	-0.015	191.8	-0.0053				
1383.27	-0.015	191.8	-0.0071				
1383.30	-0.016	191.7	-0.0089				
1383.33	-0.016	191.5	-0.0098				
1383.37	-0.017	191.3	-0.0115				
1383.40	-0.017	191.2	-0.0115				
1383.43	-0.017	191	-0.0115				
1383.47	-0.017	190.9	-0.0115				
1383.50	-0.017	190.9	-0.0124				
1383.53	-0.017	190.8	-0.0115				
1383.57	-0.016	190.7	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1383.60	-0.016	190.7	-0.0115				
1383.63	-0.016	190.7	-0.0098				
1383.67	-0.014	190.7	-0.0089				
1383.70	-0.012	190.7	-0.0089				
1383.73	-0.012	190.7	-0.0071				
1383.77	-0.012	190.7	-0.0053				
1383.80	-0.011	190.8	-0.0036				
1383.83	-0.008	190.9	-0.0009				
1383.87	-0.007	191	0.0009				
1383.90	-0.006	191.2	0.0044				
1383.95	-0.003	191.3	0.0071				
1383.98	-0.002	191.4	0.0098				
1384.02	-0.001	191.6	0.0133				
1384.03	0.002	191.8	0.0133				
1384.07	0.004	191.8	0.0169				
1384.10	0.004	192	0.0204				
1384.13	0.005	192.3	0.024				
1384.17	0.009	192.5	0.0284				
1384.20	0.01	192.7	0.032				
1384.23	0.012	193	0.0364				
1384.27	0.015	193.2	0.0364				
1384.30	0.016	193.2	0.0399				
1384.33	0.016	193.4	0.0426				
1384.37	0.017	193.7	0.0462				
1384.40	0.021	194	0.0506				
1384.43	0.021	194.2	0.0524				
1384.47	0.022	194.4	0.0559				
1384.50	0.025	194.7	0.0559				
1384.53	0.025	194.7	0.0586				
1384.57	0.025	194.9	0.0595				
1384.60	0.026	195.1	0.0621				
1384.63	0.027	195.3	0.0639				
1384.67	0.028	195.5	0.0648				
1384.70	0.028	195.7	0.0657				
1384.73	0.028	195.8	0.0657				
1384.77	0.029	195.8	0.0666				
1384.80	0.029	196	0.0675				
1384.83	0.029	196.1	0.0675				
1384.87	0.029	196.2	0.0675				
1384.90	0.028	196.3	0.0666				
1384.93	0.028	196.3	0.0657				
1384.97	0.027	196.3	0.0657				
1385.00	0.025	196.3	0.0648				
1385.03	0.025	196.3	0.063				
1385.07	0.025	196.3	0.0621				
1385.10	0.023	196.2	0.0595				
1385.13	0.021	196.2	0.0577				
1385.17	0.02	196.1	0.055				
1385.20	0.018	196	0.055				
1385.23	0.016	195.8	0.0524				
1385.27	0.016	195.8	0.0497				
1385.30	0.015	195.7	0.047				
1385.33	0.012	195.5	0.0435				
1385.37	0.01	195.3	0.0399				
1385.42	0.009	195.1	0.0364				
1385.45	0.007	194.9	0.0337				
1385.47	0.005	194.7	0.0311				
1385.50	0.003	194.5	0.0257				
1385.53	0	194.2	0.0257				
1385.57	-0.002	194	0.0213				
1385.60	-0.002	194	0.0178				
1385.63	-0.003	193.8	0.0142				
1385.67	-0.005	193.4	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1385.70	-0.007	193.2	0.0071				
1385.73	-0.008	193	0.0044				
1385.77	-0.01	192.6	0.0044				
1385.80	-0.012	192.4	0.0009				
1385.83	-0.012	192.4	-0.0018				
1385.87	-0.012	192.2	-0.0036				
1385.90	-0.014	192	-0.0062				
1385.93	-0.015	191.7	-0.008				
1385.97	-0.016	191.6	-0.0098				
1386.00	-0.017	191.4	-0.0107				
1386.03	-0.017	191.2	-0.0107				
1386.07	-0.017	191.2	-0.0124				
1386.10	-0.017	191.1	-0.0124				
1386.13	-0.017	191	-0.0124				
1386.17	-0.017	190.9	-0.0124				
1386.20	-0.017	190.8	-0.0115				
1386.23	-0.016	190.7	-0.0115				
1386.27	-0.016	190.7	-0.0115				
1386.30	-0.016	190.7	-0.0115				
1386.33	-0.015	190.7	-0.0098				
1386.37	-0.014	190.7	-0.008				
1386.40	-0.012	190.7	-0.0071				
1386.43	-0.011	190.8	-0.0044				
1386.47	-0.01	190.9	-0.0027				
1386.50	-0.007	191	-0.0027				
1386.53	-0.006	191	0				
1386.57	-0.006	191.1	0.0018				
1386.60	-0.005	191.2	0.0053				
1386.63	-0.002	191.4	0.0089				
1386.67	-0.001	191.5	0.0115				
1386.70	0.001	191.8	0.0151				
1386.73	0.004	192	0.0151				
1386.77	0.005	192	0.0186				
1386.80	0.005	192.2	0.0222				
1386.85	0.01	192.6	0.0284				
1386.88	0.011	192.6	0.0302				
1386.92	0.011	192.8	0.0328				
1386.93	0.012	193.1	0.0373				
1386.97	0.016	193.3	0.0408				
1387.00	0.017	193.6	0.0444				
1387.03	0.018	193.8	0.0479				
1387.07	0.021	194.1	0.0479				
1387.10	0.022	194.1	0.0515				
1387.13	0.022	194.3	0.0533				
1387.17	0.023	194.5	0.0559				
1387.20	0.025	194.8	0.0595				
1387.23	0.026	195	0.0612				
1387.27	0.026	195.2	0.0621				
1387.30	0.028	195.4	0.0621				
1387.33	0.028	195.4	0.0639				
1387.37	0.028	195.6	0.0657				
1387.40	0.028	195.7	0.0657				
1387.43	0.029	195.9	0.0666				
1387.47	0.029	196	0.0666				
1387.50	0.028	196.1	0.0666				
1387.53	0.028	196.2	0.0666				
1387.57	0.028	196.2	0.0666				
1387.60	0.028	196.3	0.0666				
1387.63	0.028	196.3	0.0657				
1387.67	0.026	196.3	0.0639				
1387.70	0.025	196.3	0.0621				
1387.73	0.024	196.3	0.0604				
1387.77	0.022	196.2	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1387.80	0.021	196.2	0.0586				
1387.83	0.021	196.2	0.0568				
1387.87	0.02	196.1	0.0533				
1387.90	0.017	195.9	0.0506				
1387.93	0.015	195.8	0.0479				
1387.97	0.014	195.7	0.0444				
1388.00	0.011	195.4	0.0444				
1388.03	0.009	195.2	0.0408				
1388.07	0.009	195.2	0.0382				
1388.10	0.008	195	0.0337				
1388.13	0.005	194.7	0.0302				
1388.17	0.003	194.5	0.0257				
1388.20	0.001	194.3	0.0222				
1388.23	-0.002	194	0.0222				
1388.27	-0.003	193.8	0.0178				
1388.32	-0.004	193.6	0.0124				
1388.35	-0.006	193.3	0.0124				
1388.37	-0.007	193.1	0.0098				
1388.40	-0.007	193.1	0.0062				
1388.43	-0.009	192.8	0.0027				
1388.47	-0.011	192.5	-0.0009				
1388.50	-0.013	192.3	-0.0036				
1388.53	-0.013	192.1	-0.0053				
1388.57	-0.015	191.8	-0.008				
1388.60	-0.016	191.6	-0.008				
1388.63	-0.016	191.6	-0.0089				
1388.67	-0.016	191.5	-0.0098				
1388.70	-0.017	191.3	-0.0115				
1388.73	-0.018	191.2	-0.0124				
1388.77	-0.017	191	-0.0124				
1388.80	-0.017	190.9	-0.0124				
1388.83	-0.017	190.8	-0.0124				
1388.87	-0.017	190.8	-0.0124				
1388.90	-0.017	190.8	-0.0124				
1388.93	-0.016	190.8	-0.0115				
1388.97	-0.015	190.7	-0.0107				
1389.00	-0.015	190.7	-0.0089				
1389.03	-0.013	190.7	-0.0071				
1389.07	-0.011	190.8	-0.0071				
1389.10	-0.011	190.8	-0.0062				
1389.13	-0.011	190.8	-0.0036				
1389.17	-0.01	190.9	-0.0018				
1389.20	-0.007	191	0.0009				
1389.23	-0.006	191.2	0.0036				
1389.27	-0.004	191.3	0.0071				
1389.30	-0.001	191.5	0.0071				
1389.33	0	191.5	0.0107				
1389.37	0	191.6	0.0133				
1389.40	0.002	191.9	0.0169				
1389.43	0.005	192.1	0.0213				
1389.47	0.006	192.3	0.0249				
1389.50	0.008	192.6	0.0293				
1389.53	0.012	192.9	0.0293				
1389.57	0.012	192.9	0.0337				
1389.60	0.012	193	0.0364				
1389.63	0.014	193.3	0.0408				
1389.67	0.017	193.6	0.0444				
1389.70	0.019	193.8	0.0479				
1389.73	0.02	194.1	0.0506				
1389.78	0.023	194.3	0.0541				
1389.82	0.023	194.5	0.055				
1389.83	0.023	194.7	0.0577				
1389.87	0.026	194.9	0.0577				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1389.90	0.026	194.9	0.0604				
1389.93	0.026	195.1	0.0612				
1389.97	0.027	195.4	0.063				
1390.00	0.028	195.6	0.0648				
1390.03	0.028	195.7	0.0657				
1390.07	0.029	195.9	0.0666				
1390.10	0.029	196	0.0666				
1390.13	0.029	196	0.0675				
1390.17	0.029	196.1	0.0675				
1390.20	0.029	196.2	0.0675				
1390.23	0.028	196.3	0.0666				
1390.27	0.027	196.4	0.0657				
1390.30	0.027	196.4	0.0648				
1390.33	0.026	196.4	0.0648				
1390.37	0.025	196.4	0.063				
1390.40	0.025	196.4	0.0621				
1390.43	0.023	196.3	0.0595				
1390.47	0.021	196.2	0.0577				
1390.50	0.02	196.2	0.055				
1390.53	0.019	196.1	0.0533				
1390.57	0.016	195.9	0.0533				
1390.60	0.015	195.9	0.0497				
1390.63	0.015	195.8	0.047				
1390.67	0.013	195.6	0.0426				
1390.70	0.01	195.4	0.0391				
1390.73	0.008	195.2	0.0364				
1390.77	0.007	195	0.0328				
1390.80	0.004	194.7	0.0328				
1390.83	0.002	194.5	0.0284				
1390.87	0.002	194.5	0.0249				
1390.90	0.001	194.3	0.0204				
1390.93	-0.002	194	0.0169				
1390.97	-0.004	193.7	0.0142				
1391.00	-0.005	193.5	0.0098				
1391.03	-0.008	193.2	0.0098				
1391.07	-0.009	192.9	0.0062				
1391.10	-0.009	192.9	0.0036				
1391.13	-0.01	192.7	0				
1391.17	-0.012	192.4	-0.0036				
1391.22	-0.014	192.2	-0.0053				
1391.25	-0.014	192	-0.0062				
1391.28	-0.015	191.8	-0.008				
1391.30	-0.016	191.6	-0.0098				
1391.33	-0.016	191.5	-0.0107				
1391.37	-0.017	191.3	-0.0107				
1391.40	-0.017	191.2	-0.0115				
1391.43	-0.017	191.2	-0.0115				
1391.47	-0.017	191	-0.0124				
1391.50	-0.017	190.9	-0.0133				
1391.53	-0.017	190.8	-0.0124				
1391.57	-0.017	190.8	-0.0115				
1391.60	-0.016	190.8	-0.0115				
1391.63	-0.014	190.7	-0.0107				
1391.67	-0.014	190.7	-0.0098				
1391.70	-0.014	190.7	-0.0089				
1391.73	-0.013	190.8	-0.0071				
1391.77	-0.011	190.8	-0.0053				
1391.80	-0.01	190.9	-0.0027				
1391.83	-0.008	191	0				
1391.87	-0.006	191.2	0				
1391.90	-0.006	191.2	0.0018				
1391.93	-0.005	191.2	0.0044				
1391.97	-0.003	191.5	0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1392.00	-0.001	191.6	0.0107				
1392.03	0.001	191.8	0.0151				
1392.07	0.004	192.1	0.0195				
1392.10	0.006	192.2	0.0195				
1392.13	0.006	192.2	0.0222				
1392.17	0.007	192.4	0.0257				
1392.20	0.01	192.7	0.0302				
1392.23	0.012	193	0.0346				
1392.27	0.014	193.2	0.0382				
1392.30	0.016	193.5	0.0426				
1392.33	0.018	193.7	0.0426				
1392.37	0.018	193.7	0.0453				
1392.40	0.019	194	0.0479				
1392.43	0.021	194.2	0.0506				
1392.47	0.023	194.5	0.0533				
1392.50	0.024	194.7	0.0559				
1392.53	0.025	194.9	0.0586				
1392.57	0.026	195.1	0.0586				
1392.60	0.027	195.1	0.0604				
1392.63	0.027	195.3	0.0621				
1392.68	0.028	195.7	0.0639				
1392.72	0.028	195.7	0.0639				
1392.73	0.028	195.8	0.0648				
1392.77	0.029	196	0.0657				
1392.80	0.029	196.1	0.0657				
1392.83	0.029	196.2	0.0657				
1392.87	0.029	196.3	0.0657				
1392.90	0.028	196.4	0.0657				
1392.93	0.027	196.4	0.0657				
1392.97	0.027	196.4	0.0648				
1393.00	0.027	196.4	0.063				
1393.03	0.024	196.4	0.0612				
1393.07	0.024	196.4	0.0604				
1393.10	0.023	196.4	0.0586				
1393.13	0.021	196.2	0.0586				
1393.17	0.019	196.2	0.0559				
1393.20	0.019	196.2	0.0533				
1393.23	0.018	196.1	0.0506				
1393.27	0.015	195.9	0.0479				
1393.30	0.014	195.8	0.0453				
1393.33	0.012	195.6	0.0408				
1393.37	0.008	195.3	0.0408				
1393.40	0.008	195.3	0.0373				
1393.43	0.008	195.1	0.0346				
1393.47	0.006	194.9	0.0311				
1393.50	0.002	194.6	0.0257				
1393.53	0.001	194.4	0.0222				
1393.57	0	194.2	0.0186				
1393.60	-0.003	193.9	0.0186				
1393.63	-0.005	193.7	0.0142				
1393.67	-0.005	193.7	0.0115				
1393.70	-0.006	193.4	0.0071				
1393.73	-0.009	193.1	0.0036				
1393.77	-0.01	192.9	0.0009				
1393.80	-0.011	192.6	-0.0018				
1393.83	-0.013	192.3	-0.0018				
1393.87	-0.014	192.1	-0.0044				
1393.90	-0.014	192.1	-0.0062				
1393.93	-0.014	191.9	-0.008				
1393.97	-0.016	191.7	-0.0107				
1394.00	-0.016	191.5	-0.0107				
1394.03	-0.017	191.4	-0.0124				
1394.07	-0.017	191.2	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1394.12	-0.017	191.1	-0.0133				
1394.15	-0.017	191	-0.0133				
1394.18	-0.017	190.9	-0.0133				
1394.20	-0.017	190.8	-0.0133				
1394.23	-0.016	190.8	-0.0133				
1394.27	-0.016	190.7	-0.0124				
1394.30	-0.016	190.8	-0.0115				
1394.33	-0.014	190.7	-0.0098				
1394.37	-0.014	190.7	-0.0089				
1394.40	-0.013	190.8	-0.0071				
1394.43	-0.01	190.9	-0.0071				
1394.47	-0.009	190.9	-0.0053				
1394.50	-0.009	190.9	-0.0027				
1394.53	-0.008	191.1	0				
1394.57	-0.005	191.2	0.0027				
1394.60	-0.004	191.3	0.0053				
1394.63	-0.002	191.6	0.008				
1394.67	0.001	191.7	0.008				
1394.70	0.002	191.7	0.0124				
1394.73	0.002	191.9	0.016				
1394.77	0.004	192.1	0.0195				
1394.80	0.007	192.4	0.0231				
1394.83	0.008	192.5	0.0275				
1394.87	0.01	192.9	0.032				
1394.90	0.014	193.1	0.032				
1394.93	0.014	193.1	0.0355				
1394.97	0.014	193.3	0.0391				
1395.00	0.016	193.6	0.0426				
1395.03	0.019	193.9	0.0462				
1395.07	0.02	194.1	0.0488				
1395.10	0.021	194.3	0.0524				
1395.13	0.024	194.6	0.0524				
1395.17	0.024	194.6	0.0559				
1395.20	0.024	194.8	0.0577				
1395.23	0.025	195	0.0595				
1395.27	0.027	195.2	0.0621				
1395.30	0.027	195.4	0.063				
1395.33	0.028	195.6	0.0639				
1395.37	0.028	195.8	0.0639				
1395.40	0.029	195.8	0.0648				
1395.43	0.029	196	0.0657				
1395.47	0.029	196.1	0.0657				
1395.50	0.029	196.2	0.0657				
1395.53	0.029	196.3	0.0657				
1395.58	0.028	196.4	0.0657				
1395.62	0.028	196.4	0.0648				
1395.63	0.027	196.4	0.0639				
1395.67	0.026	196.5	0.063				
1395.70	0.025	196.4	0.063				
1395.73	0.023	196.4	0.0612				
1395.77	0.023	196.4	0.0595				
1395.80	0.022	196.3	0.0577				
1395.83	0.02	196.2	0.055				
1395.87	0.019	196.2	0.0524				
1395.90	0.017	196	0.0497				
1395.93	0.014	195.8	0.0497				
1395.97	0.013	195.8	0.0462				
1396.00	0.013	195.7	0.0435				
1396.03	0.011	195.6	0.0399				
1396.07	0.008	195.2	0.0355				
1396.10	0.007	195.1	0.0328				
1396.13	0.005	194.9	0.0293				
1396.17	0.002	194.6	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1396.20	0	194.3	0.024				
1396.23	0	194.3	0.0213				
1396.27	-0.001	194.1	0.0169				
1396.30	-0.004	193.8	0.0124				
1396.33	-0.006	193.6	0.0098				
1396.37	-0.006	193.3	0.0062				
1396.40	-0.009	193	0.0062				
1396.43	-0.011	192.8	0.0018				
1396.47	-0.011	192.8	0				
1396.50	-0.012	192.5	-0.0027				
1396.53	-0.013	192.3	-0.0053				
1396.57	-0.014	192.1	-0.0071				
1396.60	-0.015	191.9	-0.0089				
1396.63	-0.016	191.6	-0.0089				
1396.67	-0.017	191.5	-0.0107				
1396.70	-0.017	191.5	-0.0124				
1396.73	-0.017	191.3	-0.0124				
1396.77	-0.017	191.2	-0.0124				
1396.80	-0.017	191.1	-0.0133				
1396.83	-0.017	191	-0.0133				
1396.87	-0.017	190.9	-0.0133				
1396.90	-0.016	190.8	-0.0133				
1396.93	-0.015	190.8	-0.0124				
1396.97	-0.015	190.8	-0.0115				
1397.00	-0.015	190.8	-0.0107				
1397.05	-0.013	190.8	-0.0089				
1397.08	-0.013	190.8	-0.008				
1397.10	-0.012	190.9	-0.0062				
1397.13	-0.01	190.9	-0.0044				
1397.17	-0.009	191	-0.0018				
1397.20	-0.007	191.2	0.0009				
1397.23	-0.004	191.3	0.0009				
1397.27	-0.003	191.3	0.0044				
1397.30	-0.003	191.4	0.0062				
1397.33	-0.002	191.6	0.0107				
1397.37	0.002	191.8	0.0142				
1397.40	0.003	192	0.0169				
1397.43	0.004	192.2	0.0213				
1397.47	0.008	192.5	0.0213				
1397.50	0.009	192.5	0.0249				
1397.53	0.009	192.7	0.0293				
1397.57	0.011	193	0.0337				
1397.60	0.015	193.2	0.0382				
1397.63	0.015	193.4	0.0399				
1397.67	0.017	193.7	0.0444				
1397.70	0.02	194	0.0444				
1397.73	0.021	194	0.0479				
1397.77	0.021	194.2	0.0497				
1397.80	0.022	194.4	0.0533				
1397.83	0.024	194.7	0.0559				
1397.87	0.025	194.9	0.0586				
1397.90	0.026	195.1	0.0612				
1397.93	0.027	195.4	0.0612				
1397.97	0.028	195.6	0.063				
1398.00	0.028	195.6	0.0639				
1398.03	0.028	195.7	0.0648				
1398.07	0.029	195.9	0.0657				
1398.10	0.029	196	0.0657				
1398.13	0.029	196.1	0.0666				
1398.17	0.029	196.3	0.0666				
1398.20	0.029	196.4	0.0666				
1398.23	0.029	196.4	0.0666				
1398.27	0.028	196.4	0.0657				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1398.30	0.027	196.5	0.0639				
1398.33	0.025	196.4	0.063				
1398.37	0.025	196.5	0.0621				
1398.40	0.024	196.4	0.0604				
1398.43	0.022	196.3	0.0604				
1398.48	0.021	196.3	0.0568				
1398.52	0.02	196.2	0.055				
1398.55	0.018	196.1	0.055				
1398.57	0.016	196.1	0.0524				
1398.60	0.016	196	0.0488				
1398.63	0.014	195.8	0.0453				
1398.67	0.011	195.6	0.0426				
1398.70	0.011	195.5	0.0391				
1398.73	0.009	195.2	0.0355				
1398.77	0.005	194.9	0.0355				
1398.80	0.004	194.9	0.0311				
1398.83	0.004	194.8	0.0284				
1398.87	0.002	194.5	0.0231				
1398.90	-0.001	194.2	0.0186				
1398.93	-0.002	194	0.016				
1398.97	-0.003	193.7	0.0124				
1399.00	-0.007	193.4	0.0124				
1399.03	-0.008	193.4	0.008				
1399.07	-0.008	193.2	0.0044				
1399.10	-0.009	192.9	0.0018				
1399.13	-0.011	192.7	-0.0009				
1399.17	-0.012	192.5	-0.0027				
1399.20	-0.013	192.2	-0.0053				
1399.23	-0.015	192	-0.0053				
1399.27	-0.015	192	-0.008				
1399.30	-0.015	191.8	-0.0098				
1399.33	-0.016	191.6	-0.0107				
1399.37	-0.017	191.5	-0.0115				
1399.40	-0.017	191.3	-0.0124				
1399.43	-0.017	191.2	-0.0124				
1399.47	-0.017	191.1	-0.0124				
1399.50	-0.017	191.1	-0.0124				
1399.53	-0.017	191	-0.0133				
1399.57	-0.017	190.9	-0.0124				
1399.60	-0.016	190.9	-0.0115				
1399.63	-0.015	190.8	-0.0107				
1399.67	-0.015	190.8	-0.0098				
1399.70	-0.013	190.9	-0.0098				
1399.73	-0.012	190.9	-0.008				
1399.77	-0.012	190.9	-0.0062				
1399.80	-0.011	190.9	-0.0044				
1399.83	-0.008	191.1	-0.0018				
1399.87	-0.007	191.2	0				
1399.90	-0.006	191.3	0.0036				
1399.95	-0.002	191.5	0.0071				
1399.98	-0.002	191.5	0.008				
1400.00	-0.001	191.7	0.0115				
1400.03	0.002	191.9	0.0115				
1400.07	0.004	192.1	0.0151				
1400.10	0.004	192.1	0.0186				
1400.13	0.005	192.3	0.0222				
1400.17	0.008	192.6	0.0275				
1400.20	0.01	192.8	0.0311				
1400.23	0.012	193	0.0346				
1400.27	0.015	193.3	0.0346				
1400.30	0.016	193.6	0.0391				
1400.33	0.016	193.6	0.0417				
1400.37	0.017	193.8	0.0453				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1400.40	0.02	194.1	0.0488				
1400.43	0.021	194.3	0.0515				
1400.47	0.022	194.5	0.055				
1400.50	0.024	194.8	0.055				
1400.53	0.026	195	0.0568				
1400.57	0.026	195	0.0595				
1400.60	0.026	195.2	0.0612				
1400.63	0.027	195.4	0.063				
1400.67	0.028	195.7	0.0639				
1400.70	0.028	195.8	0.0648				
1400.73	0.029	196	0.0657				
1400.77	0.029	196.1	0.0657				
1400.80	0.029	196.1	0.0666				
1400.83	0.029	196.2	0.0666				
1400.87	0.029	196.3	0.0666				
1400.90	0.029	196.4	0.0666				
1400.93	0.027	196.4	0.0648				
1400.97	0.027	196.5	0.0639				
1401.00	0.026	196.5	0.0639				
1401.03	0.024	196.5	0.063				
1401.07	0.024	196.4	0.0612				
1401.10	0.024	196.4	0.0595				
1401.13	0.022	196.3	0.0577				
1401.17	0.02	196.3	0.055				
1401.20	0.018	196.1	0.0515				
1401.23	0.016	196	0.0515				
1401.27	0.015	196	0.0488				
1401.30	0.015	195.9	0.047				
1401.33	0.013	195.7	0.0426				
1401.38	0.009	195.4	0.0382				
1401.42	0.009	195.3	0.0373				
1401.45	0.008	195	0.0337				
1401.47	0.004	194.8	0.0302				
1401.50	0.003	194.6	0.0249				
1401.53	0.002	194.4	0.0213				
1401.57	-0.002	194.1	0.0213				
1401.60	-0.003	194.1	0.0169				
1401.63	-0.003	193.9	0.0142				
1401.67	-0.004	193.6	0.0107				
1401.70	-0.008	193.3	0.0062				
1401.73	-0.008	193.1	0.0036				
1401.77	-0.01	192.8	0.0009				
1401.80	-0.012	192.5	0.0009				
1401.83	-0.013	192.5	-0.0027				
1401.87	-0.013	192.3	-0.0044				
1401.90	-0.013	192.1	-0.0071				
1401.93	-0.015	191.9	-0.0089				
1401.97	-0.016	191.7	-0.0098				
1402.00	-0.016	191.5	-0.0115				
1402.03	-0.017	191.4	-0.0115				
1402.07	-0.017	191.4	-0.0124				
1402.10	-0.017	191.2	-0.0133				
1402.13	-0.017	191.1	-0.0133				
1402.17	-0.017	191	-0.0133				
1402.20	-0.017	190.9	-0.0133				
1402.23	-0.017	190.8	-0.0124				
1402.27	-0.016	190.8	-0.0124				
1402.30	-0.015	190.8	-0.0115				
1402.33	-0.015	190.8	-0.0107				
1402.37	-0.014	190.8	-0.0089				
1402.40	-0.012	190.9	-0.0071				
1402.43	-0.011	190.9	-0.0062				
1402.47	-0.01	191	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1402.50	-0.007	191.1	-0.0036				
1402.53	-0.007	191.1	-0.0009				
1402.57	-0.007	191.2	0.0009				
1402.60	-0.005	191.3	0.0044				
1402.63	-0.001	191.6	0.008				
1402.67	-0.001	191.7	0.0107				
1402.70	0.001	191.9	0.0142				
1402.73	0.005	192.1	0.0142				
1402.77	0.006	192.1	0.0186				
1402.80	0.006	192.3	0.0213				
1402.85	0.009	192.7	0.0257				
1402.88	0.011	192.7	0.0284				
1402.90	0.011	192.9	0.032				
1402.93	0.012	193.2	0.0364				
1402.97	0.016	193.5	0.0408				
1403.00	0.017	193.7	0.0435				
1403.03	0.018	193.9	0.047				
1403.07	0.021	194.2	0.047				
1403.10	0.022	194.2	0.0497				
1403.13	0.022	194.4	0.0524				
1403.17	0.023	194.6	0.0559				
1403.20	0.025	194.9	0.0586				
1403.23	0.026	195.1	0.0604				
1403.27	0.027	195.3	0.0621				
1403.30	0.027	195.6	0.0621				
1403.33	0.028	195.7	0.063				
1403.37	0.028	195.7	0.0639				
1403.40	0.028	195.9	0.0657				
1403.43	0.029	196.1	0.0657				
1403.47	0.029	196.2	0.0666				
1403.50	0.029	196.3	0.0666				
1403.53	0.029	196.4	0.0666				
1403.57	0.028	196.4	0.0666				
1403.60	0.028	196.4	0.0657				
1403.63	0.027	196.4	0.0648				
1403.67	0.026	196.5	0.063				
1403.70	0.025	196.4	0.0612				
1403.73	0.024	196.4	0.0595				
1403.77	0.022	196.3	0.0577				
1403.80	0.021	196.3	0.0577				
1403.83	0.02	196.3	0.0559				
1403.87	0.02	196.2	0.0541				
1403.90	0.018	196.1	0.0506				
1403.93	0.015	195.9	0.047				
1403.97	0.013	195.8	0.0453				
1404.00	0.012	195.6	0.0417				
1404.03	0.009	195.4	0.0417				
1404.07	0.009	195.4	0.0382				
1404.10	0.008	195.2	0.0346				
1404.13	0.006	194.9	0.0302				
1404.17	0.002	194.7	0.0257				
1404.20	0.001	194.5	0.0222				
1404.23	0	194.2	0.0186				
1404.28	-0.004	193.9	0.0142				
1404.32	-0.004	193.8	0.0124				
1404.35	-0.005	193.5	0.0089				
1404.37	-0.008	193.2	0.0089				
1404.40	-0.009	193.2	0.0053				
1404.43	-0.009	193	0.0027				
1404.47	-0.01	192.7	0				
1404.50	-0.013	192.4	-0.0036				
1404.53	-0.013	192.2	-0.0053				
1404.57	-0.014	192	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1404.60	-0.016	191.8	-0.0071				
1404.63	-0.016	191.8	-0.0089				
1404.67	-0.016	191.6	-0.0107				
1404.70	-0.017	191.5	-0.0115				
1404.73	-0.017	191.3	-0.0124				
1404.77	-0.017	191.2	-0.0124				
1404.80	-0.017	191	-0.0124				
1404.83	-0.017	191	-0.0124				
1404.87	-0.017	191	-0.0133				
1404.90	-0.017	190.9	-0.0124				
1404.93	-0.016	190.8	-0.0115				
1404.97	-0.015	190.8	-0.0107				
1405.00	-0.014	190.8	-0.0098				
1405.03	-0.014	190.8	-0.008				
1405.07	-0.012	190.9	-0.008				
1405.10	-0.011	190.9	-0.0062				
1405.13	-0.011	190.9	-0.0044				
1405.17	-0.009	191	-0.0018				
1405.20	-0.007	191.2	0				
1405.23	-0.006	191.3	0.0036				
1405.27	-0.004	191.4	0.0071				
1405.30	0	191.6	0.0071				
1405.33	0	191.6	0.0107				
1405.37	0	191.8	0.0124				
1405.40	0.001	192	0.016				
1405.43	0.005	192.2	0.0204				
1405.47	0.006	192.4	0.024				
1405.50	0.008	192.6	0.0293				
1405.53	0.012	192.9	0.0293				
1405.57	0.013	192.9	0.0337				
1405.60	0.013	193.1	0.0364				
1405.63	0.014	193.4	0.0399				
1405.67	0.017	193.7	0.0444				
1405.70	0.018	193.9	0.0462				
1405.75	0.02	194.1	0.0506				
1405.78	0.021	194.4	0.0524				
1405.80	0.023	194.6	0.055				
1405.83	0.024	194.8	0.0577				
1405.87	0.025	195	0.0577				
1405.90	0.027	195.2	0.0604				
1405.93	0.027	195.2	0.0621				
1405.97	0.027	195.5	0.063				
1406.00	0.027	195.7	0.0639				
1406.03	0.028	195.8	0.0657				
1406.07	0.028	196	0.0657				
1406.10	0.029	196.1	0.0657				
1406.13	0.029	196.2	0.0666				
1406.17	0.029	196.2	0.0666				
1406.20	0.029	196.3	0.0666				
1406.23	0.028	196.4	0.0666				
1406.27	0.028	196.5	0.0657				
1406.30	0.027	196.5	0.0648				
1406.33	0.026	196.5	0.063				
1406.37	0.024	196.5	0.063				
1406.40	0.024	196.5	0.0612				
1406.43	0.023	196.5	0.0595				
1406.47	0.022	196.4	0.0577				
1406.50	0.02	196.3	0.055				
1406.53	0.019	196.2	0.0533				
1406.57	0.017	196	0.0497				
1406.60	0.014	195.9	0.0497				
1406.63	0.013	195.9	0.047				
1406.67	0.013	195.8	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1406.70	0.011	195.5	0.0399				
1406.73	0.008	195.3	0.0364				
1406.77	0.007	195.1	0.0337				
1406.80	0.005	194.8	0.0302				
1406.83	0.002	194.6	0.0302				
1406.87	0.001	194.6	0.0249				
1406.90	0.001	194.4	0.0213				
1406.93	-0.001	194.1	0.0169				
1406.97	-0.004	193.8	0.0124				
1407.00	-0.006	193.6	0.0098				
1407.03	-0.007	193.3	0.0071				
1407.07	-0.009	193	0.0071				
1407.10	-0.01	193	0.0036				
1407.13	-0.01	192.8	0				
1407.17	-0.011	192.5	-0.0027				
1407.22	-0.014	192.3	-0.0053				
1407.25	-0.014	192.1	-0.0062				
1407.27	-0.015	191.9	-0.008				
1407.30	-0.016	191.7	-0.0098				
1407.33	-0.016	191.6	-0.0107				
1407.37	-0.017	191.4	-0.0115				
1407.40	-0.017	191.2	-0.0115				
1407.43	-0.017	191.2	-0.0124				
1407.47	-0.017	191.2	-0.0124				
1407.50	-0.017	191	-0.0124				
1407.53	-0.017	190.9	-0.0124				
1407.57	-0.017	190.9	-0.0124				
1407.60	-0.016	190.8	-0.0107				
1407.63	-0.015	190.8	-0.0107				
1407.67	-0.014	190.8	-0.0098				
1407.70	-0.014	190.8	-0.0089				
1407.73	-0.013	190.9	-0.0071				
1407.77	-0.011	190.9	-0.0053				
1407.80	-0.01	191	-0.0036				
1407.83	-0.009	191.2	-0.0009				
1407.87	-0.006	191.3	-0.0009				
1407.90	-0.005	191.3	0.0018				
1407.93	-0.005	191.4	0.0044				
1407.97	-0.003	191.6	0.0089				
1408.00	0	191.7	0.0115				
1408.03	0.001	191.9	0.0142				
1408.07	0.002	192.1	0.0178				
1408.10	0.006	192.4	0.0178				
1408.13	0.007	192.4	0.0222				
1408.17	0.007	192.5	0.0257				
1408.20	0.009	192.8	0.0311				
1408.23	0.013	193.1	0.0355				
1408.27	0.014	193.3	0.0382				
1408.30	0.015	193.6	0.0417				
1408.33	0.018	193.8	0.0417				
1408.37	0.019	193.8	0.0462				
1408.40	0.019	194.1	0.0488				
1408.43	0.02	194.3	0.0524				
1408.47	0.023	194.5	0.0559				
1408.50	0.023	194.8	0.0568				
1408.53	0.024	195	0.0595				
1408.57	0.026	195.2	0.0595				
1408.60	0.027	195.2	0.0621				
1408.65	0.027	195.6	0.0639				
1408.68	0.028	195.8	0.0639				
1408.72	0.027	195.8	0.0648				
1408.73	0.027	195.9	0.0648				
1408.77	0.028	196.1	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1408.80	0.029	196.2	0.0666				
1408.83	0.029	196.3	0.0675				
1408.87	0.028	196.4	0.0675				
1408.90	0.028	196.5	0.0675				
1408.93	0.027	196.5	0.0675				
1408.97	0.027	196.6	0.0666				
1409.00	0.027	196.6	0.0639				
1409.03	0.025	196.5	0.063				
1409.07	0.024	196.5	0.0621				
1409.10	0.023	196.5	0.0595				
1409.13	0.02	196.4	0.0595				
1409.17	0.019	196.3	0.0568				
1409.20	0.019	196.3	0.055				
1409.23	0.018	196.2	0.0524				
1409.27	0.015	196	0.0488				
1409.30	0.014	195.9	0.0462				
1409.33	0.012	195.8	0.0426				
1409.37	0.009	195.5	0.0426				
1409.40	0.008	195.3	0.0391				
1409.43	0.008	195.3	0.0355				
1409.47	0.006	195.1	0.032				
1409.50	0.003	194.8	0.0275				
1409.53	0.001	194.5	0.0231				
1409.57	0	194.3	0.0195				
1409.60	-0.003	194	0.0195				
1409.63	-0.005	193.8	0.0151				
1409.67	-0.005	193.8	0.0115				
1409.70	-0.006	193.5	0.008				
1409.73	-0.008	193.2	0.0044				
1409.77	-0.011	193	0.0018				
1409.80	-0.011	192.8	-0.0009				
1409.83	-0.012	192.5	-0.0009				
1409.87	-0.014	192.3	-0.0027				
1409.90	-0.014	192.3	-0.0062				
1409.93	-0.014	192.1	-0.0071				
1409.97	-0.016	191.8	-0.0089				
1410.00	-0.016	191.7	-0.0107				
1410.03	-0.017	191.5	-0.0115				
1410.07	-0.017	191.4	-0.0124				
1410.12	-0.017	191.2	-0.0115				
1410.15	-0.017	191.2	-0.0124				
1410.17	-0.017	191	-0.0124				
1410.20	-0.017	191	-0.0124				
1410.23	-0.016	191	-0.0124				
1410.27	-0.016	190.9	-0.0115				
1410.30	-0.016	190.9	-0.0107				
1410.33	-0.014	190.9	-0.0098				
1410.37	-0.013	190.9	-0.008				
1410.40	-0.012	190.9	-0.0062				
1410.43	-0.01	191	-0.0062				
1410.47	-0.01	191	-0.0044				
1410.50	-0.01	191.1	-0.0027				
1410.53	-0.008	191.3	0				
1410.57	-0.005	191.4	0.0036				
1410.60	-0.004	191.5	0.0062				
1410.63	-0.003	191.7	0.0098				
1410.67	0.001	191.9	0.0098				
1410.70	0.002	191.9	0.0142				
1410.73	0.002	192	0.0169				
1410.77	0.004	192.2	0.0195				
1410.80	0.007	192.5	0.0231				
1410.83	0.008	192.7	0.0275				
1410.87	0.01	193	0.0328				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1410.90	0.014	193.2	0.0328				
1410.93	0.014	193.2	0.0373				
1410.97	0.014	193.5	0.0399				
1411.00	0.016	193.7	0.0435				
1411.03	0.019	194	0.0479				
1411.07	0.02	194.2	0.0497				
1411.10	0.021	194.5	0.0524				
1411.13	0.024	194.7	0.0524				
1411.17	0.024	194.7	0.0559				
1411.20	0.024	194.9	0.0577				
1411.23	0.025	195.1	0.0604				
1411.27	0.027	195.4	0.063				
1411.30	0.027	195.6	0.0639				
1411.33	0.028	195.8	0.0648				
1411.37	0.029	196	0.0648				
1411.40	0.029	196	0.0657				
1411.43	0.029	196.1	0.0666				
1411.47	0.029	196.2	0.0666				
1411.50	0.029	196.3	0.0666				
1411.55	0.028	196.4	0.0666				
1411.58	0.028	196.5	0.0666				
1411.62	0.028	196.6	0.0666				
1411.63	0.027	196.6	0.0648				
1411.67	0.026	196.6	0.0639				
1411.70	0.025	196.6	0.0639				
1411.73	0.023	196.6	0.0612				
1411.77	0.023	196.6	0.0604				
1411.80	0.022	196.5	0.0586				
1411.83	0.02	196.4	0.0559				
1411.87	0.019	196.3	0.0533				
1411.90	0.017	196.2	0.0506				
1411.93	0.014	196	0.0506				
1411.97	0.013	195.9	0.047				
1412.00	0.013	195.9	0.0444				
1412.03	0.011	195.7	0.0408				
1412.07	0.008	195.4	0.0364				
1412.10	0.007	195.2	0.0337				
1412.13	0.005	195	0.0293				
1412.17	0.002	194.7	0.0293				
1412.20	0	194.5	0.0249				
1412.23	0	194.5	0.0213				
1412.27	-0.001	194.3	0.0178				
1412.30	-0.004	194	0.0124				
1412.33	-0.006	193.7	0.0098				
1412.37	-0.007	193.5	0.0071				
1412.40	-0.008	193.2	0.0071				
1412.43	-0.011	192.9	0.0036				
1412.47	-0.011	192.9	0.0009				
1412.50	-0.011	192.7	-0.0027				
1412.53	-0.013	192.4	-0.0053				
1412.57	-0.015	192.2	-0.0071				
1412.60	-0.015	192	-0.008				
1412.63	-0.016	191.8	-0.008				
1412.67	-0.016	191.7	-0.0098				
1412.70	-0.016	191.7	-0.0107				
1412.73	-0.017	191.5	-0.0124				
1412.77	-0.017	191.3	-0.0124				
1412.80	-0.017	191.2	-0.0124				
1412.83	-0.017	191.1	-0.0124				
1412.87	-0.017	191	-0.0124				
1412.90	-0.016	191	-0.0124				
1412.93	-0.016	191	-0.0115				
1412.97	-0.016	191	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1413.02	-0.014	190.9	-0.0098				
1413.05	-0.013	190.9	-0.0089				
1413.07	-0.013	190.9	-0.008				
1413.10	-0.012	191	-0.0053				
1413.13	-0.009	191.1	-0.0027				
1413.17	-0.009	191.2	-0.0018				
1413.20	-0.007	191.3	0.0018				
1413.23	-0.004	191.5	0.0018				
1413.27	-0.004	191.5	0.0044				
1413.30	-0.004	191.6	0.0071				
1413.33	-0.002	191.8	0.0115				
1413.37	0.001	192	0.0151				
1413.40	0.003	192.2	0.0186				
1413.43	0.005	192.4	0.0222				
1413.47	0.009	192.7	0.0222				
1413.50	0.009	192.7	0.0275				
1413.53	0.009	192.9	0.0302				
1413.57	0.011	193.2	0.0337				
1413.60	0.015	193.4	0.0382				
1413.63	0.015	193.6	0.0417				
1413.67	0.017	193.9	0.0444				
1413.70	0.02	194.2	0.0444				
1413.73	0.021	194.2	0.0488				
1413.77	0.021	194.4	0.0506				
1413.80	0.022	194.6	0.0541				
1413.83	0.024	194.8	0.0568				
1413.87	0.025	195.1	0.0586				
1413.90	0.025	195.3	0.0604				
1413.93	0.027	195.6	0.0604				
1413.97	0.028	195.6	0.0621				
1414.00	0.028	195.8	0.0639				
1414.03	0.028	195.9	0.0648				
1414.07	0.029	196.1	0.0657				
1414.10	0.029	196.2	0.0666				
1414.13	0.029	196.3	0.0666				
1414.17	0.029	196.4	0.0666				
1414.20	0.029	196.4	0.0666				
1414.23	0.029	196.5	0.0666				
1414.27	0.028	196.6	0.0666				
1414.30	0.027	196.6	0.0648				
1414.33	0.026	196.6	0.0639				
1414.37	0.025	196.6	0.0612				
1414.40	0.023	196.5	0.0612				
1414.43	0.021	196.5	0.0586				
1414.48	0.023	196.5	0.0577				
1414.52	0.02	196.4	0.0577				
1414.53	0.018	196.4	0.055				
1414.57	0.018	196.3	0.0506				
1414.60	0.017	196.2	0.0479				
1414.63	0.012	195.9	0.0435				
1414.67	0.013	195.8	0.0426				
1414.70	0.011	195.7	0.0382				
1414.73	0.007	195.3	0.0382				
1414.77	0.004	195.1	0.0337				
1414.80	0.004	195.1	0.0302				
1414.83	0.005	195	0.0293				
1414.87	0.002	194.7	0.024				
1414.90	0	194.4	0.0204				
1414.93	-0.003	194.1	0.0133				
1414.97	-0.004	193.9	0.0133				
1415.00	-0.006	193.7	0.0124				
1415.03	-0.006	193.7	0.0089				
1415.07	-0.007	193.4	0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1415.10	-0.01	193.1	0				
1415.13	-0.011	192.8	-0.0027				
1415.17	-0.014	192.6	-0.0036				
1415.20	-0.013	192.4	-0.0036				
1415.23	-0.016	192.1	-0.0044				
1415.27	-0.016	192.1	-0.0089				
1415.30	-0.014	192	-0.008				
1415.33	-0.015	191.8	-0.0098				
1415.37	-0.017	191.6	-0.0115				
1415.40	-0.017	191.5	-0.0115				
1415.43	-0.017	191.4	-0.0115				
1415.47	-0.017	191.2	-0.0133				
1415.50	-0.017	191.2	-0.0133				
1415.53	-0.018	191.1	-0.0124				
1415.57	-0.016	191.1	-0.0115				
1415.60	-0.015	191	-0.0115				
1415.63	-0.015	191	-0.0124				
1415.67	-0.014	191	-0.0124				
1415.70	-0.013	191	-0.0107				
1415.73	-0.013	191	-0.008				
1415.77	-0.012	191	-0.0062				
1415.80	-0.01	191.2	-0.0036				
1415.83	-0.009	191.2	-0.0018				
1415.87	-0.007	191.3	0				
1415.92	-0.005	191.5	0.0044				
1415.95	-0.005	191.6	0.0053				
1415.97	-0.002	191.8	0.0107				
1416.00	0.001	192	0.0107				
1416.03	0.003	192.2	0.0142				
1416.07	0.003	192.2	0.016				
1416.10	0.004	192.3	0.0195				
1416.13	0.006	192.6	0.0231				
1416.17	0.009	192.8	0.0284				
1416.20	0.01	193	0.032				
1416.23	0.012	193.3	0.0346				
1416.27	0.015	193.5	0.0346				
1416.30	0.016	193.5	0.0391				
1416.33	0.016	193.8	0.0426				
1416.37	0.018	194.1	0.0462				
1416.40	0.021	194.3	0.0497				
1416.43	0.021	194.5	0.0524				
1416.47	0.023	194.8	0.055				
1416.50	0.025	195	0.055				
1416.53	0.025	195	0.0577				
1416.57	0.025	195.2	0.0595				
1416.60	0.026	195.5	0.0621				
1416.63	0.027	195.7	0.063				
1416.67	0.028	195.9	0.0639				
1416.70	0.028	196	0.0648				
1416.73	0.029	196.2	0.0648				
1416.77	0.029	196.2	0.0666				
1416.80	0.029	196.3	0.0666				
1416.83	0.029	196.4	0.0666				
1416.87	0.029	196.5	0.0666				
1416.90	0.028	196.6	0.0657				
1416.93	0.027	196.6	0.0648				
1416.97	0.026	196.6	0.0648				
1417.00	0.025	196.6	0.0639				
1417.03	0.025	196.7	0.063				
1417.07	0.024	196.7	0.0612				
1417.10	0.023	196.6	0.0595				
1417.13	0.022	196.5	0.0568				
1417.17	0.02	196.4	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1417.20	0.017	196.3	0.0541				
1417.23	0.016	196.3	0.0515				
1417.27	0.016	196.2	0.0488				
1417.30	0.015	196	0.0453				
1417.33	0.011	195.8	0.0426				
1417.38	0.011	195.7	0.0391				
1417.42	0.01	195.6	0.0373				
1417.43	0.006	195.3	0.0337				
1417.47	0.006	195.1	0.0302				
1417.50	0.004	194.8	0.0249				
1417.53	0	194.5	0.0249				
1417.57	-0.001	194.5	0.0213				
1417.60	-0.001	194.3	0.0178				
1417.63	-0.003	194.1	0.0133				
1417.67	-0.006	193.8	0.0089				
1417.70	-0.007	193.6	0.0071				
1417.73	-0.008	193.3	0.0036				
1417.77	-0.011	193	0.0036				
1417.80	-0.012	193	0				
1417.83	-0.012	192.8	-0.0018				
1417.87	-0.012	192.5	-0.0044				
1417.90	-0.015	192.2	-0.008				
1417.93	-0.016	192	-0.0098				
1417.97	-0.016	191.9	-0.0107				
1418.00	-0.016	191.7	-0.0107				
1418.03	-0.017	191.7	-0.0115				
1418.07	-0.017	191.6	-0.0124				
1418.10	-0.017	191.4	-0.0133				
1418.13	-0.017	191.3	-0.0133				
1418.17	-0.017	191.2	-0.0133				
1418.20	-0.017	191.1	-0.0133				
1418.23	-0.016	191	-0.0133				
1418.27	-0.015	191	-0.0124				
1418.30	-0.015	191	-0.0115				
1418.33	-0.015	191	-0.0115				
1418.37	-0.014	191	-0.0098				
1418.40	-0.012	191	-0.008				
1418.43	-0.011	191.1	-0.0053				
1418.47	-0.009	191.2	-0.0053				
1418.50	-0.008	191.3	-0.0036				
1418.53	-0.008	191.3	-0.0009				
1418.57	-0.007	191.4	0.0009				
1418.60	-0.004	191.6	0.0044				
1418.63	-0.002	191.7	0.008				
1418.67	-0.001	191.9	0.0115				
1418.70	0.002	192.1	0.0115				
1418.73	0.004	192.3	0.0151				
1418.77	0.004	192.3	0.0186				
1418.82	0.008	192.7	0.0231				
1418.85	0.01	192.9	0.0249				
1418.88	0.01	192.9	0.0293				
1418.90	0.011	193.1	0.0328				
1418.93	0.013	193.5	0.0364				
1418.97	0.016	193.7	0.0408				
1419.00	0.017	193.9	0.0435				
1419.03	0.019	194.2	0.0435				
1419.07	0.021	194.5	0.0479				
1419.10	0.021	194.5	0.0506				
1419.13	0.022	194.6	0.0533				
1419.17	0.023	194.9	0.0559				
1419.20	0.025	195.1	0.0586				
1419.23	0.026	195.4	0.0604				
1419.27	0.027	195.6	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1419.30	0.028	195.8	0.0621				
1419.33	0.028	195.8	0.0639				
1419.37	0.028	196	0.0639				
1419.40	0.029	196.1	0.0648				
1419.43	0.029	196.3	0.0657				
1419.47	0.029	196.4	0.0657				
1419.50	0.029	196.5	0.0657				
1419.53	0.028	196.6	0.0657				
1419.57	0.028	196.6	0.0657				
1419.60	0.028	196.6	0.0657				
1419.63	0.028	196.7	0.0639				
1419.67	0.026	196.7	0.063				
1419.70	0.025	196.7	0.0621				
1419.73	0.024	196.7	0.0595				
1419.77	0.022	196.6	0.0595				
1419.80	0.021	196.6	0.0577				
1419.83	0.021	196.5	0.0559				
1419.87	0.02	196.4	0.0533				
1419.90	0.017	196.2	0.0497				
1419.93	0.015	196.2	0.0479				
1419.97	0.014	196	0.0444				
1420.00	0.01	195.8	0.0444				
1420.03	0.01	195.8	0.0408				
1420.07	0.01	195.7	0.0382				
1420.10	0.008	195.4	0.0337				
1420.13	0.005	195.1	0.0302				
1420.17	0.003	194.9	0.0257				
1420.20	0.001	194.7	0.0213				
1420.23	-0.002	194.4	0.0213				
1420.28	-0.003	194.2	0.0151				
1420.32	-0.004	194	0.0124				
1420.33	-0.006	193.7	0.0124				
1420.37	-0.007	193.7	0.0089				
1420.40	-0.007	193.5	0.0053				
1420.43	-0.009	193.2	0.0018				
1420.47	-0.011	192.9	-0.0018				
1420.50	-0.012	192.7	-0.0036				
1420.53	-0.013	192.5	-0.0062				
1420.57	-0.015	192.2	-0.0062				
1420.60	-0.015	192.2	-0.008				
1420.63	-0.015	192	-0.0089				
1420.67	-0.016	191.9	-0.0107				
1420.70	-0.017	191.7	-0.0115				
1420.73	-0.017	191.5	-0.0124				
1420.77	-0.017	191.4	-0.0133				
1420.80	-0.017	191.3	-0.0133				
1420.83	-0.017	191.2	-0.0133				
1420.87	-0.017	191.2	-0.0133				
1420.90	-0.017	191.2	-0.0133				
1420.93	-0.016	191.1	-0.0124				
1420.97	-0.015	191.1	-0.0107				
1421.00	-0.014	191	-0.0098				
1421.03	-0.013	191.1	-0.008				
1421.07	-0.012	191.2	-0.008				
1421.10	-0.011	191.2	-0.0071				
1421.13	-0.011	191.2	-0.0053				
1421.17	-0.009	191.3	-0.0027				
1421.20	-0.007	191.4	0				
1421.23	-0.006	191.5	0.0027				
1421.27	-0.004	191.7	0.0062				
1421.30	-0.001	191.9	0.0062				
1421.33	0	191.9	0.0098				
1421.37	0	192	0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1421.40	0.002	192.3	0.016				
1421.43	0.005	192.5	0.0204				
1421.47	0.006	192.7	0.0231				
1421.50	0.008	192.9	0.0284				
1421.53	0.012	193.2	0.0284				
1421.57	0.013	193.2	0.0328				
1421.60	0.013	193.4	0.0355				
1421.63	0.014	193.7	0.0399				
1421.67	0.018	193.9	0.0444				
1421.72	0.018	194.2	0.0462				
1421.75	0.019	194.3	0.0479				
1421.78	0.021	194.6	0.0515				
1421.80	0.022	194.8	0.0533				
1421.83	0.024	195.1	0.0568				
1421.87	0.026	195.3	0.0568				
1421.90	0.026	195.3	0.0595				
1421.93	0.026	195.5	0.0604				
1421.97	0.027	195.7	0.0621				
1422.00	0.028	195.9	0.0639				
1422.03	0.028	196.1	0.0648				
1422.07	0.028	196.2	0.0648				
1422.10	0.029	196.4	0.0648				
1422.13	0.029	196.4	0.0657				
1422.17	0.029	196.5	0.0657				
1422.20	0.029	196.6	0.0657				
1422.23	0.028	196.7	0.0657				
1422.27	0.028	196.7	0.0648				
1422.30	0.027	196.7	0.0639				
1422.33	0.025	196.7	0.0639				
1422.37	0.024	196.7	0.0621				
1422.40	0.024	196.7	0.0612				
1422.43	0.023	196.7	0.0586				
1422.47	0.022	196.6	0.0577				
1422.50	0.02	196.5	0.055				
1422.53	0.019	196.4	0.0515				
1422.57	0.016	196.3	0.0515				
1422.60	0.014	196.3	0.0488				
1422.63	0.014	196.1	0.0462				
1422.67	0.013	196	0.0426				
1422.70	0.01	195.8	0.0391				
1422.73	0.009	195.6	0.0355				
1422.77	0.007	195.4	0.0311				
1422.80	0.004	195	0.0311				
1422.83	0.002	195	0.0275				
1422.87	0.002	194.8	0.024				
1422.90	0.001	194.6	0.0195				
1422.93	-0.002	194.3	0.016				
1422.97	-0.004	194.1	0.0115				
1423.00	-0.005	193.8	0.0089				
1423.03	-0.008	193.5	0.0089				
1423.07	-0.009	193.3	0.0044				
1423.10	-0.009	193.3	0.0027				
1423.13	-0.01	193	-0.0009				
1423.18	-0.013	192.6	-0.0036				
1423.22	-0.013	192.6	-0.0053				
1423.23	-0.014	192.4	-0.0071				
1423.27	-0.015	192.2	-0.0089				
1423.30	-0.016	192	-0.0098				
1423.33	-0.016	191.8	-0.0107				
1423.37	-0.017	191.6	-0.0107				
1423.40	-0.017	191.5	-0.0124				
1423.43	-0.017	191.5	-0.0133				
1423.47	-0.017	191.3	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1423.50	-0.017	191.2	-0.0133				
1423.53	-0.017	191.2	-0.0133				
1423.57	-0.016	191.1	-0.0124				
1423.60	-0.016	191.1	-0.0124				
1423.63	-0.015	191.1	-0.0124				
1423.67	-0.015	191.1	-0.0107				
1423.70	-0.014	191	-0.0098				
1423.73	-0.013	191.2	-0.008				
1423.77	-0.011	191.2	-0.0062				
1423.80	-0.01	191.2	-0.0044				
1423.83	-0.008	191.4	-0.0018				
1423.87	-0.006	191.5	-0.0018				
1423.90	-0.005	191.5	0.0009				
1423.93	-0.005	191.6	0.0036				
1423.97	-0.003	191.8	0.0071				
1424.00	0	192	0.0107				
1424.03	0.001	192.1	0.0133				
1424.07	0.003	192.4	0.0178				
1424.10	0.006	192.6	0.0178				
1424.13	0.007	192.6	0.0213				
1424.17	0.007	192.8	0.0249				
1424.20	0.009	193.1	0.0302				
1424.23	0.013	193.3	0.0346				
1424.27	0.014	193.5	0.0373				
1424.30	0.015	193.8	0.0408				
1424.33	0.018	194.1	0.0408				
1424.37	0.019	194.1	0.0444				
1424.40	0.019	194.3	0.0479				
1424.43	0.02	194.5	0.0506				
1424.47	0.022	194.8	0.0533				
1424.50	0.024	195	0.0568				
1424.53	0.024	195.2	0.0577				
1424.57	0.027	195.5	0.0577				
1424.60	0.027	195.5	0.0604				
1424.65	0.027	195.9	0.063				
1424.68	0.028	196	0.063				
1424.70	0.028	196	0.0639				
1424.73	0.028	196.2	0.0648				
1424.77	0.028	196.3	0.0648				
1424.80	0.029	196.4	0.0657				
1424.83	0.029	196.6	0.0657				
1424.87	0.029	196.7	0.0657				
1424.90	0.028	196.7	0.0657				
1424.93	0.027	196.7	0.0657				
1424.97	0.027	196.8	0.0639				
1425.00	0.026	196.8	0.063				
1425.03	0.025	196.7	0.0612				
1425.07	0.024	196.7	0.0595				
1425.10	0.023	196.7	0.0577				
1425.13	0.021	196.6	0.0577				
1425.17	0.019	196.5	0.0559				
1425.20	0.019	196.5	0.0533				
1425.23	0.018	196.4	0.0506				
1425.27	0.015	196.2	0.047				
1425.30	0.014	196.1	0.0444				
1425.33	0.012	196	0.0408				
1425.37	0.01	195.7	0.0408				
1425.40	0.007	195.5	0.0373				
1425.43	0.007	195.5	0.0337				
1425.47	0.006	195.3	0.0302				
1425.50	0.003	195	0.0257				
1425.53	0.001	194.8	0.0222				
1425.57	0	194.6	0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1425.60	-0.003	194.2	0.0178				
1425.63	-0.005	194	0.0133				
1425.67	-0.005	194	0.0107				
1425.70	-0.006	193.8	0.0071				
1425.73	-0.008	193.4	0.0036				
1425.77	-0.01	193.2	0				
1425.80	-0.011	193	-0.0027				
1425.83	-0.012	192.7	-0.0027				
1425.87	-0.014	192.5	-0.0044				
1425.90	-0.014	192.5	-0.0071				
1425.93	-0.015	192.3	-0.0089				
1425.97	-0.016	192.1	-0.0107				
1426.00	-0.016	191.9	-0.0115				
1426.03	-0.017	191.7	-0.0124				
1426.08	-0.017	191.6	-0.0133				
1426.12	-0.017	191.4	-0.0142				
1426.15	-0.017	191.3	-0.0142				
1426.17	-0.017	191.2	-0.0142				
1426.20	-0.017	191.2	-0.0142				
1426.23	-0.016	191.2	-0.0133				
1426.27	-0.016	191.1	-0.0133				
1426.30	-0.016	191.1	-0.0124				
1426.33	-0.015	191.1	-0.0107				
1426.37	-0.014	191.1	-0.0098				
1426.40	-0.012	191.2	-0.0071				
1426.43	-0.01	191.2	-0.0071				
1426.47	-0.009	191.2	-0.0053				
1426.50	-0.009	191.3	-0.0036				
1426.53	-0.008	191.4	-0.0009				
1426.57	-0.005	191.5	0.0018				
1426.60	-0.004	191.6	0.0044				
1426.63	-0.003	191.9	0.008				
1426.67	0.001	192.1	0.008				
1426.70	0.002	192.1	0.0115				
1426.73	0.002	192.2	0.0142				
1426.77	0.003	192.5	0.0186				
1426.80	0.007	192.7	0.0231				
1426.83	0.009	192.9	0.0257				
1426.87	0.01	193.2	0.0302				
1426.90	0.013	193.4	0.0302				
1426.93	0.014	193.4	0.0346				
1426.97	0.014	193.6	0.0382				
1427.00	0.016	193.9	0.0426				
1427.03	0.019	194.2	0.0462				
1427.07	0.019	194.4	0.0479				
1427.10	0.021	194.7	0.0515				
1427.13	0.024	194.9	0.0515				
1427.17	0.024	194.9	0.055				
1427.20	0.024	195.1	0.0559				
1427.23	0.025	195.4	0.0586				
1427.27	0.027	195.6	0.0612				
1427.30	0.027	195.8	0.0621				
1427.33	0.028	196	0.0639				
1427.37	0.028	196.1	0.0639				
1427.40	0.029	196.1	0.0639				
1427.43	0.029	196.3	0.0648				
1427.47	0.029	196.4	0.0648				
1427.50	0.029	196.5	0.0657				
1427.55	0.029	196.6	0.0657				
1427.58	0.028	196.7	0.0657				
1427.60	0.028	196.8	0.0648				
1427.63	0.027	196.8	0.063				
1427.67	0.026	196.8	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1427.70	0.024	196.8	0.0621				
1427.73	0.023	196.7	0.0604				
1427.77	0.023	196.7	0.0586				
1427.80	0.022	196.7	0.0568				
1427.83	0.02	196.6	0.0541				
1427.87	0.019	196.5	0.0524				
1427.90	0.017	196.4	0.0488				
1427.93	0.015	196.2	0.0488				
1427.97	0.012	196	0.0453				
1428.00	0.012	196	0.0426				
1428.03	0.011	195.9	0.0391				
1428.07	0.009	195.7	0.0355				
1428.10	0.006	195.4	0.032				
1428.13	0.005	195.2	0.0284				
1428.17	0.002	194.9	0.0284				
1428.20	0	194.7	0.0231				
1428.23	0	194.7	0.0195				
1428.27	-0.001	194.5	0.016				
1428.30	-0.003	194.1	0.0115				
1428.33	-0.006	193.9	0.008				
1428.37	-0.007	193.6	0.0053				
1428.40	-0.009	193.3	0.0018				
1428.43	-0.011	193.1	0.0018				
1428.47	-0.012	193.1	-0.0018				
1428.50	-0.012	192.9	-0.0027				
1428.53	-0.013	192.6	-0.0053				
1428.57	-0.015	192.4	-0.008				
1428.60	-0.015	192.2	-0.0098				
1428.63	-0.016	192	-0.0107				
1428.67	-0.017	191.8	-0.0107				
1428.70	-0.017	191.8	-0.0124				
1428.73	-0.017	191.7	-0.0133				
1428.77	-0.017	191.5	-0.0142				
1428.80	-0.017	191.4	-0.0142				
1428.83	-0.017	191.3	-0.0142				
1428.87	-0.017	191.2	-0.0142				
1428.90	-0.016	191.2	-0.0142				
1428.93	-0.015	191.2	-0.0133				
1428.98	-0.015	191.1	-0.0115				
1429.02	-0.014	191.1	-0.0115				
1429.05	-0.013	191.1	-0.0107				
1429.07	-0.013	191.1	-0.0089				
1429.10	-0.012	191.2	-0.0071				
1429.13	-0.01	191.3	-0.0044				
1429.17	-0.009	191.3	-0.0027				
1429.20	-0.007	191.4	0				
1429.23	-0.004	191.6	0				
1429.27	-0.004	191.6	0.0036				
1429.30	-0.004	191.7	0.0053				
1429.33	-0.002	191.9	0.0098				
1429.37	0.002	192.1	0.0133				
1429.40	0.003	192.3	0.016				
1429.43	0.005	192.5	0.0204				
1429.47	0.007	192.8	0.0204				
1429.50	0.01	193	0.0249				
1429.53	0.01	193	0.0284				
1429.57	0.011	193.2	0.0328				
1429.60	0.014	193.5	0.0364				
1429.63	0.015	193.8	0.0391				
1429.67	0.017	194	0.0435				
1429.70	0.019	194.3	0.0435				
1429.73	0.021	194.5	0.047				
1429.77	0.021	194.5	0.0497				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1429.80	0.022	194.7	0.0524				
1429.83	0.023	195	0.055				
1429.87	0.025	195.2	0.0577				
1429.90	0.026	195.4	0.0595				
1429.93	0.026	195.7	0.0612				
1429.97	0.028	195.9	0.0612				
1430.00	0.028	195.9	0.0621				
1430.03	0.028	196	0.0639				
1430.07	0.029	196.2	0.0648				
1430.10	0.029	196.4	0.0648				
1430.13	0.029	196.5	0.0648				
1430.17	0.029	196.6	0.0648				
1430.20	0.029	196.7	0.0648				
1430.23	0.028	196.7	0.0648				
1430.27	0.028	196.8	0.0639				
1430.30	0.027	196.7	0.063				
1430.33	0.026	196.8	0.0612				
1430.37	0.025	196.8	0.0604				
1430.40	0.024	196.7	0.0577				
1430.45	0.022	196.7	0.0559				
1430.48	0.022	196.7	0.0559				
1430.50	0.02	196.5	0.0533				
1430.53	0.017	196.4	0.0533				
1430.57	0.016	196.4	0.0497				
1430.60	0.016	196.3	0.0479				
1430.63	0.015	196.2	0.0435				
1430.67	0.011	196	0.0399				
1430.70	0.011	195.8	0.0391				
1430.73	0.009	195.6	0.0337				
1430.77	0.005	195.3	0.0337				
1430.80	0.004	195.3	0.0293				
1430.83	0.004	195.1	0.0275				
1430.87	0.002	194.8	0.0222				
1430.90	-0.001	194.6	0.0178				
1430.93	-0.002	194.4	0.0151				
1430.97	-0.004	194.1	0.0107				
1431.00	-0.007	193.8	0.0107				
1431.03	-0.008	193.8	0.0062				
1431.07	-0.008	193.6	0.0044				
1431.10	-0.009	193.3	0.0009				
1431.13	-0.011	193	-0.0027				
1431.17	-0.012	192.8	-0.0044				
1431.20	-0.013	192.6	-0.0071				
1431.23	-0.015	192.3	-0.0071				
1431.27	-0.015	192.3	-0.0089				
1431.30	-0.015	192.1	-0.0107				
1431.33	-0.016	192	-0.0115				
1431.37	-0.017	191.8	-0.0124				
1431.40	-0.017	191.6	-0.0133				
1431.43	-0.017	191.5	-0.0142				
1431.47	-0.017	191.4	-0.0142				
1431.50	-0.017	191.3	-0.0142				
1431.53	-0.017	191.3	-0.0142				
1431.57	-0.017	191.2	-0.0133				
1431.60	-0.016	191.2	-0.0133				
1431.63	-0.015	191.2	-0.0124				
1431.67	-0.015	191.1	-0.0107				
1431.70	-0.013	191.2	-0.0107				
1431.73	-0.012	191.2	-0.0089				
1431.77	-0.012	191.2	-0.008				
1431.80	-0.011	191.2	-0.0053				
1431.83	-0.009	191.4	-0.0036				
1431.88	-0.007	191.5	-0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1431.92	-0.006	191.5	0.0009				
1431.95	-0.004	191.7	0.0036				
1431.97	-0.002	191.9	0.0062				
1432.00	-0.001	192	0.0107				
1432.03	0.001	192.3	0.0107				
1432.07	0.004	192.5	0.0133				
1432.10	0.004	192.5	0.0178				
1432.13	0.005	192.6	0.0213				
1432.17	0.008	192.9	0.0257				
1432.20	0.011	193.2	0.0302				
1432.23	0.012	193.4	0.0328				
1432.27	0.014	193.7	0.0373				
1432.30	0.017	193.9	0.0373				
1432.33	0.017	193.9	0.0408				
1432.37	0.017	194.1	0.0435				
1432.40	0.019	194.4	0.0479				
1432.43	0.022	194.7	0.0506				
1432.47	0.022	194.9	0.0533				
1432.50	0.023	195.1	0.055				
1432.53	0.025	195.4	0.055				
1432.57	0.026	195.4	0.0577				
1432.60	0.026	195.6	0.0595				
1432.63	0.027	195.8	0.0612				
1432.67	0.028	196	0.0621				
1432.70	0.028	196.1	0.063				
1432.73	0.029	196.3	0.0639				
1432.77	0.029	196.4	0.0639				
1432.80	0.029	196.4	0.0648				
1432.83	0.029	196.5	0.0648				
1432.87	0.029	196.6	0.0648				
1432.90	0.028	196.7	0.0648				
1432.93	0.028	196.8	0.0639				
1432.97	0.027	196.8	0.063				
1433.00	0.025	196.8	0.063				
1433.03	0.024	196.8	0.0612				
1433.07	0.024	196.8	0.0595				
1433.10	0.024	196.8	0.0577				
1433.13	0.021	196.7	0.0559				
1433.17	0.02	196.6	0.0533				
1433.20	0.019	196.5	0.0506				
1433.23	0.016	196.3	0.0506				
1433.27	0.014	196.2	0.0479				
1433.30	0.014	196.2	0.0453				
1433.35	0.011	195.9	0.0417				
1433.38	0.009	195.8	0.0399				
1433.40	0.009	195.8	0.0364				
1433.43	0.008	195.6	0.032				
1433.47	0.005	195.2	0.0284				
1433.50	0.003	195	0.024				
1433.53	0.002	194.8	0.0204				
1433.57	-0.001	194.5	0.0204				
1433.60	-0.003	194.2	0.016				
1433.63	-0.003	194.2	0.0124				
1433.67	-0.005	194	0.0089				
1433.70	-0.007	193.7	0.0053				
1433.73	-0.009	193.4	0.0018				
1433.77	-0.01	193.2	-0.0009				
1433.80	-0.011	192.9	-0.0036				
1433.83	-0.013	192.7	-0.0036				
1433.87	-0.013	192.7	-0.0062				
1433.90	-0.014	192.5	-0.008				
1433.93	-0.015	192.3	-0.0098				
1433.97	-0.016	192.1	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1434.00	-0.016	191.9	-0.0124				
1434.03	-0.017	191.7	-0.0133				
1434.07	-0.017	191.6	-0.0133				
1434.10	-0.017	191.6	-0.0142				
1434.13	-0.017	191.5	-0.0142				
1434.17	-0.017	191.4	-0.0142				
1434.20	-0.017	191.3	-0.0142				
1434.23	-0.017	191.2	-0.0142				
1434.27	-0.016	191.2	-0.0133				
1434.30	-0.015	191.2	-0.0133				
1434.33	-0.014	191.2	-0.0115				
1434.37	-0.014	191.2	-0.0107				
1434.40	-0.013	191.2	-0.0089				
1434.43	-0.011	191.3	-0.0071				
1434.47	-0.01	191.3	-0.0053				
1434.50	-0.009	191.4	-0.0027				
1434.53	-0.006	191.6	-0.0027				
1434.57	-0.005	191.6	0				
1434.60	-0.005	191.7	0.0027				
1434.63	-0.004	191.8	0.0062				
1434.67	0	192	0.0098				
1434.70	0.001	192.2	0.0115				
1434.73	0.002	192.4	0.016				
1434.77	0.006	192.7	0.016				
1434.82	0.008	192.9	0.024				
1434.85	0.008	193	0.0275				
1434.87	0.011	193.3	0.0275				
1434.90	0.013	193.5	0.0311				
1434.93	0.013	193.5	0.0337				
1434.97	0.014	193.7	0.0382				
1435.00	0.017	194.1	0.0417				
1435.03	0.019	194.3	0.0453				
1435.07	0.02	194.5	0.0488				
1435.10	0.022	194.8	0.0488				
1435.13	0.023	195	0.0515				
1435.17	0.023	195	0.0541				
1435.20	0.024	195.2	0.0568				
1435.23	0.026	195.5	0.0595				
1435.27	0.027	195.7	0.0604				
1435.30	0.027	195.9	0.0612				
1435.33	0.028	196.1	0.063				
1435.37	0.028	196.2	0.063				
1435.40	0.028	196.2	0.0639				
1435.43	0.029	196.4	0.0648				
1435.47	0.029	196.5	0.0648				
1435.50	0.029	196.6	0.0648				
1435.53	0.029	196.7	0.0648				
1435.57	0.028	196.8	0.0648				
1435.60	0.027	196.8	0.0648				
1435.63	0.026	196.8	0.063				
1435.67	0.026	196.8	0.0621				
1435.70	0.026	196.8	0.0612				
1435.73	0.024	196.8	0.0595				
1435.77	0.023	196.8	0.0577				
1435.80	0.021	196.7	0.055				
1435.83	0.019	196.6	0.055				
1435.87	0.018	196.6	0.0524				
1435.90	0.018	196.5	0.0506				
1435.93	0.017	196.3	0.047				
1435.97	0.013	196.1	0.0435				
1436.00	0.012	196	0.0408				
1436.03	0.011	195.8	0.0373				
1436.07	0.007	195.6	0.0373				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1436.10	0.006	195.6	0.0328				
1436.13	0.006	195.4	0.0302				
1436.17	0.004	195.1	0.0257				
1436.20	0.001	194.8	0.0213				
1436.25	0	194.6	0.0178				
1436.28	-0.001	194.4	0.016				
1436.32	-0.004	194.1	0.0115				
1436.33	-0.005	193.9	0.0089				
1436.37	-0.007	193.6	0.0044				
1436.40	-0.01	193.3	0.0044				
1436.43	-0.01	193.3	0.0009				
1436.47	-0.01	193.1	-0.0018				
1436.50	-0.011	192.9	-0.0044				
1436.53	-0.014	192.6	-0.0071				
1436.57	-0.014	192.4	-0.008				
1436.60	-0.015	192.2	-0.0098				
1436.63	-0.016	192	-0.0098				
1436.67	-0.017	192	-0.0115				
1436.70	-0.017	191.8	-0.0124				
1436.73	-0.017	191.7	-0.0133				
1436.77	-0.017	191.5	-0.0142				
1436.80	-0.017	191.4	-0.0142				
1436.83	-0.017	191.3	-0.0142				
1436.87	-0.017	191.3	-0.0142				
1436.90	-0.016	191.3	-0.0133				
1436.93	-0.016	191.2	-0.0133				
1436.97	-0.016	191.2	-0.0124				
1437.00	-0.015	191.2	-0.0115				
1437.03	-0.013	191.2	-0.0098				
1437.07	-0.013	191.2	-0.008				
1437.10	-0.011	191.3	-0.008				
1437.13	-0.009	191.4	-0.0062				
1437.17	-0.009	191.4	-0.0036				
1437.20	-0.008	191.5	-0.0009				
1437.23	-0.006	191.6	0.0018				
1437.27	-0.004	191.8	0.0036				
1437.30	-0.003	191.9	0.008				
1437.33	0	192.1	0.008				
1437.37	0.002	192.3	0.0115				
1437.40	0.002	192.3	0.0142				
1437.43	0.004	192.5	0.0186				
1437.47	0.006	192.8	0.0222				
1437.50	0.009	193	0.0257				
1437.53	0.01	193.2	0.0311				
1437.57	0.012	193.5	0.0346				
1437.60	0.015	193.7	0.0346				
1437.63	0.015	193.7	0.0382				
1437.67	0.016	194	0.0408				
1437.72	0.019	194.4	0.0444				
1437.75	0.021	194.4	0.047				
1437.77	0.021	194.7	0.0497				
1437.80	0.022	194.9	0.0524				
1437.83	0.024	195.1	0.055				
1437.87	0.024	195.4	0.0568				
1437.90	0.026	195.6	0.0595				
1437.93	0.027	195.8	0.0595				
1437.97	0.028	195.8	0.0612				
1438.00	0.028	196	0.063				
1438.03	0.028	196.2	0.0639				
1438.07	0.029	196.3	0.0648				
1438.10	0.029	196.5	0.0648				
1438.13	0.029	196.6	0.0648				
1438.17	0.029	196.7	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1438.20	0.029	196.7	0.0648				
1438.23	0.029	196.8	0.0648				
1438.27	0.028	196.8	0.0648				
1438.30	0.027	196.9	0.063				
1438.33	0.026	196.9	0.0621				
1438.37	0.025	196.9	0.0604				
1438.40	0.023	196.8	0.0604				
1438.43	0.022	196.8	0.0586				
1438.47	0.022	196.8	0.0568				
1438.50	0.021	196.7	0.0541				
1438.53	0.018	196.5	0.0515				
1438.57	0.017	196.5	0.0497				
1438.60	0.016	196.3	0.0453				
1438.63	0.012	196.1	0.0453				
1438.67	0.011	196.1	0.0426				
1438.70	0.011	196	0.0399				
1438.73	0.01	195.8	0.0355				
1438.77	0.006	195.5	0.032				
1438.80	0.005	195.3	0.0293				
1438.83	0.004	195.1	0.024				
1438.87	0	194.8	0.024				
1438.90	-0.001	194.5	0.0195				
1438.93	-0.001	194.5	0.0169				
1438.97	-0.003	194.3	0.0124				
1439.00	-0.006	194	0.0089				
1439.03	-0.007	193.8	0.0062				
1439.07	-0.008	193.5	0.0027				
1439.10	-0.01	193.2	0.0027				
1439.15	-0.012	193	-0.0036				
1439.18	-0.012	192.8	-0.0053				
1439.22	-0.014	192.5	-0.0071				
1439.23	-0.015	192.3	-0.0071				
1439.27	-0.015	192.3	-0.0089				
1439.30	-0.016	192.1	-0.0107				
1439.33	-0.016	191.9	-0.0124				
1439.37	-0.017	191.8	-0.0124				
1439.40	-0.017	191.7	-0.0133				
1439.43	-0.017	191.5	-0.0142				
1439.47	-0.017	191.4	-0.0142				
1439.50	-0.017	191.4	-0.0151				
1439.53	-0.017	191.3	-0.0142				
1439.57	-0.017	191.2	-0.0142				
1439.60	-0.015	191.2	-0.0124				
1439.63	-0.016	191.2	-0.0124				
1439.67	-0.014	191.2	-0.0107				
1439.70	-0.013	191.2	-0.0107				
1439.73	-0.012	191.2	-0.0098				
1439.77	-0.012	191.2	-0.0071				
1439.80	-0.011	191.4	-0.0053				
1439.83	-0.008	191.4	-0.0027				
1439.87	-0.007	191.5	0				
1439.90	-0.006	191.7	0.0018				
1439.93	-0.003	191.9	0.0018				
1439.97	-0.001	191.9	0.0053				
1440.00	-0.001	192	0.0089				
1440.03	0	192.2	0.0124				
1440.07	0.004	192.4	0.016				
1440.10	0.005	192.6	0.0195				
1440.13	0.006	192.9	0.0231				
1440.17	0.01	193.1	0.0231				
1440.20	0.011	193.1	0.0284				
1440.23	0.011	193.3	0.032				
1440.27	0.013	193.6	0.0355				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1440.30	0.016	193.9	0.0399				
1440.33	0.017	194.1	0.0426				
1440.37	0.018	194.4	0.0462				
1440.40	0.021	194.6	0.0462				
1440.43	0.022	194.6	0.0497				
1440.47	0.022	194.8	0.0515				
1440.50	0.023	195.1	0.055				
1440.53	0.025	195.4	0.0577				
1440.57	0.026	195.6	0.0595				
1440.62	0.026	195.8	0.0612				
1440.65	0.027	196	0.0621				
1440.67	0.028	196.1	0.063				
1440.70	0.028	196.3	0.0639				
1440.73	0.029	196.4	0.0639				
1440.77	0.029	196.4	0.0648				
1440.80	0.029	196.5	0.0648				
1440.83	0.029	196.7	0.0657				
1440.87	0.029	196.8	0.0648				
1440.90	0.028	196.8	0.0648				
1440.93	0.028	196.9	0.0639				
1440.97	0.027	196.9	0.0639				
1441.00	0.025	196.9	0.063				
1441.03	0.025	196.9	0.0612				
1441.07	0.024	196.9	0.0595				
1441.10	0.023	196.8	0.0577				
1441.13	0.021	196.8	0.0559				
1441.17	0.02	196.7	0.0533				
1441.20	0.018	196.5	0.0533				
1441.23	0.016	196.4	0.0506				
1441.27	0.016	196.4	0.0479				
1441.30	0.015	196.3	0.0444				
1441.33	0.012	196.1	0.0417				
1441.37	0.01	195.9	0.0382				
1441.40	0.009	195.7	0.0337				
1441.43	0.006	195.4	0.0302				
1441.47	0.004	195.2	0.0302				
1441.50	0.004	195.2	0.0275				
1441.53	0.002	195	0.0222				
1441.57	0	194.7	0.0178				
1441.60	-0.003	194.4	0.0151				
1441.63	-0.004	194.2	0.0115				
1441.67	-0.006	193.9	0.008				
1441.70	-0.008	193.6	0.008				
1441.73	-0.008	193.6	0.0036				
1441.77	-0.009	193.4	0.0018				
1441.80	-0.011	193.1	-0.0018				
1441.83	-0.012	192.9	-0.0044				
1441.87	-0.013	192.7	-0.0062				
1441.90	-0.015	192.4	-0.0089				
1441.93	-0.016	192.2	-0.0089				
1441.97	-0.016	192.2	-0.0107				
1442.00	-0.016	192	-0.0115				
1442.03	-0.017	191.8	-0.0133				
1442.08	-0.018	191.7	-0.0142				
1442.12	-0.018	191.6	-0.0142				
1442.13	-0.017	191.5	-0.0142				
1442.17	-0.017	191.4	-0.0142				
1442.20	-0.017	191.3	-0.0133				
1442.23	-0.016	191.2	-0.0133				
1442.27	-0.016	191.2	-0.0133				
1442.30	-0.015	191.2	-0.0124				
1442.33	-0.015	191.2	-0.0115				
1442.37	-0.014	191.2	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1442.40	-0.012	191.2	-0.008				
1442.43	-0.011	191.3	-0.0071				
1442.47	-0.01	191.4	-0.0044				
1442.50	-0.008	191.5	-0.0044				
1442.53	-0.007	191.5	-0.0018				
1442.57	-0.007	191.6	0.0009				
1442.60	-0.005	191.8	0.0036				
1442.63	-0.002	192	0.0071				
1442.67	-0.001	192.1	0.0107				
1442.70	0.001	192.3	0.0142				
1442.73	0.004	192.5	0.0142				
1442.77	0.006	192.5	0.0178				
1442.80	0.006	192.7	0.0213				
1442.83	0.007	193	0.0257				
1442.87	0.011	193.2	0.0302				
1442.90	0.012	193.4	0.0328				
1442.93	0.013	193.7	0.0373				
1442.97	0.017	194	0.0373				
1443.00	0.017	194	0.0417				
1443.03	0.017	194.2	0.0444				
1443.07	0.019	194.5	0.0479				
1443.10	0.022	194.7	0.0515				
1443.13	0.022	194.9	0.0533				
1443.17	0.024	195.2	0.0568				
1443.20	0.026	195.5	0.0568				
1443.23	0.026	195.7	0.0586				
1443.27	0.026	195.7	0.0604				
1443.30	0.027	195.8	0.0621				
1443.33	0.028	196.1	0.063				
1443.37	0.028	196.2	0.0639				
1443.40	0.028	196.4	0.0648				
1443.43	0.029	196.5	0.0648				
1443.47	0.029	196.6	0.0657				
1443.52	0.029	196.7	0.0657				
1443.55	0.029	196.8	0.0657				
1443.58	0.028	196.9	0.0657				
1443.60	0.028	196.9	0.0657				
1443.63	0.027	196.9	0.0639				
1443.67	0.026	196.9	0.0621				
1443.70	0.025	196.9	0.0612				
1443.73	0.024	196.9	0.0595				
1443.77	0.023	196.8	0.0577				
1443.80	0.021	196.8	0.0577				
1443.83	0.019	196.8	0.0559				
1443.87	0.019	196.7	0.0533				
1443.90	0.018	196.5	0.0497				
1443.93	0.015	196.4	0.047				
1443.97	0.014	196.3	0.0444				
1444.00	0.012	196	0.0408				
1444.03	0.009	195.8	0.0408				
1444.07	0.008	195.8	0.0364				
1444.10	0.008	195.7	0.0337				
1444.13	0.006	195.4	0.0302				
1444.17	0.003	195.1	0.0249				
1444.20	0.002	194.9	0.0213				
1444.23	0	194.6	0.0178				
1444.27	-0.004	194.3	0.0178				
1444.30	-0.005	194.3	0.0124				
1444.33	-0.005	194.1	0.0107				
1444.37	-0.006	193.8	0.0062				
1444.40	-0.009	193.5	0.0027				
1444.43	-0.01	193.3	0				
1444.47	-0.011	193.1	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1444.50	-0.014	192.8	-0.0027				
1444.53	-0.014	192.8	-0.0062				
1444.57	-0.014	192.6	-0.0071				
1444.60	-0.014	192.4	-0.0089				
1444.63	-0.016	192.2	-0.0107				
1444.67	-0.016	192	-0.0115				
1444.70	-0.017	191.8	-0.0124				
1444.73	-0.017	191.7	-0.0124				
1444.77	-0.017	191.7	-0.0133				
1444.80	-0.017	191.5	-0.0142				
1444.83	-0.017	191.4	-0.0142				
1444.87	-0.017	191.4	-0.0142				
1444.90	-0.017	191.3	-0.0133				
1444.93	-0.016	191.3	-0.0124				
1444.98	-0.015	191.2	-0.0115				
1445.02	-0.014	191.2	-0.0107				
1445.03	-0.014	191.2	-0.0089				
1445.07	-0.011	191.3	-0.0089				
1445.10	-0.011	191.3	-0.008				
1445.13	-0.011	191.3	-0.0062				
1445.17	-0.01	191.4	-0.0036				
1445.20	-0.007	191.6	-0.0009				
1445.23	-0.006	191.7	0.0018				
1445.27	-0.004	191.8	0.0053				
1445.30	-0.001	192.1	0.0053				
1445.33	0	192.2	0.0089				
1445.37	0	192.2	0.0115				
1445.40	0.002	192.4	0.0151				
1445.43	0.005	192.6	0.0195				
1445.47	0.006	192.8	0.0222				
1445.50	0.008	193	0.0275				
1445.53	0.011	193.4	0.0275				
1445.57	0.013	193.6	0.032				
1445.60	0.013	193.6	0.0346				
1445.63	0.014	193.8	0.0382				
1445.67	0.017	194.1	0.0426				
1445.70	0.019	194.3	0.0462				
1445.73	0.02	194.5	0.0488				
1445.77	0.021	194.8	0.0524				
1445.80	0.023	195.1	0.0524				
1445.83	0.024	195.1	0.0541				
1445.87	0.024	195.3	0.0568				
1445.90	0.025	195.6	0.0586				
1445.93	0.027	195.8	0.0612				
1445.97	0.027	196	0.0621				
1446.00	0.028	196.1	0.0639				
1446.03	0.028	196.3	0.0639				
1446.07	0.029	196.3	0.0648				
1446.10	0.029	196.5	0.0648				
1446.13	0.029	196.6	0.0648				
1446.17	0.029	196.7	0.0657				
1446.20	0.029	196.8	0.0657				
1446.23	0.028	196.9	0.0648				
1446.27	0.028	196.9	0.0648				
1446.30	0.027	196.9	0.0648				
1446.33	0.027	196.9	0.063				
1446.37	0.025	196.9	0.0612				
1446.42	0.023	196.9	0.0595				
1446.45	0.023	196.9	0.0586				
1446.48	0.023	196.8	0.0568				
1446.50	0.019	196.7	0.0541				
1446.53	0.019	196.7	0.0515				
1446.57	0.017	196.5	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1446.60	0.014	196.3	0.0488				
1446.63	0.013	196.3	0.0453				
1446.67	0.013	196.2	0.0435				
1446.70	0.011	196	0.0391				
1446.73	0.008	195.8	0.0355				
1446.77	0.007	195.6	0.0328				
1446.80	0.005	195.4	0.0284				
1446.83	0.002	195	0.0284				
1446.87	0	195	0.0231				
1446.90	0	194.8	0.0204				
1446.93	-0.001	194.6	0.016				
1446.97	-0.004	194.3	0.0124				
1447.00	-0.006	194	0.0089				
1447.03	-0.007	193.8	0.0053				
1447.07	-0.009	193.5	0.0053				
1447.10	-0.011	193.2	0.0018				
1447.13	-0.011	193.2	-0.0009				
1447.17	-0.012	193	-0.0036				
1447.20	-0.013	192.7	-0.0062				
1447.23	-0.015	192.5	-0.008				
1447.27	-0.015	192.4	-0.0098				
1447.30	-0.016	192.1	-0.0098				
1447.33	-0.017	192	-0.0115				
1447.37	-0.017	192	-0.0124				
1447.40	-0.017	191.8	-0.0133				
1447.43	-0.017	191.7	-0.0133				
1447.47	-0.017	191.5	-0.0142				
1447.50	-0.017	191.4	-0.0142				
1447.53	-0.017	191.4	-0.0133				
1447.57	-0.016	191.3	-0.0133				
1447.60	-0.016	191.3	-0.0133				
1447.63	-0.016	191.3	-0.0124				
1447.67	-0.015	191.3	-0.0115				
1447.70	-0.013	191.3	-0.0098				
1447.73	-0.012	191.3	-0.0089				
1447.77	-0.012	191.4	-0.0062				
1447.80	-0.009	191.5	-0.0062				
1447.83	-0.008	191.5	-0.0036				
1447.88	-0.007	191.6	-0.0009				
1447.92	-0.005	191.7	-0.0009				
1447.93	-0.004	191.7	0.0018				
1447.97	-0.004	191.9	0.0053				
1448.00	-0.002	192	0.0089				
1448.03	0.002	192.3	0.0133				
1448.07	0.003	192.5	0.0151				
1448.10	0.004	192.7	0.0195				
1448.13	0.008	193	0.0195				
1448.17	0.01	193.2	0.024				
1448.20	0.01	193.2	0.0284				
1448.23	0.011	193.4	0.032				
1448.27	0.013	193.7	0.0364				
1448.30	0.016	193.9	0.0399				
1448.33	0.017	194.1	0.0426				
1448.37	0.019	194.4	0.0426				
1448.40	0.021	194.7	0.0462				
1448.43	0.021	194.7	0.0497				
1448.47	0.022	194.9	0.0524				
1448.50	0.024	195.2	0.055				
1448.53	0.025	195.4	0.0577				
1448.57	0.026	195.6	0.0595				
1448.60	0.027	195.9	0.0595				
1448.63	0.028	196.1	0.0621				
1448.67	0.028	196.1	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1448.70	0.028	196.2	0.0639				
1448.73	0.029	196.4	0.0648				
1448.77	0.029	196.5	0.0648				
1448.80	0.029	196.7	0.0648				
1448.83	0.029	196.7	0.0648				
1448.87	0.029	196.8	0.0657				
1448.90	0.029	196.8	0.0648				
1448.93	0.028	196.9	0.0648				
1448.97	0.027	197	0.063				
1449.00	0.026	196.9	0.0621				
1449.03	0.025	197	0.0612				
1449.07	0.024	196.9	0.0586				
1449.10	0.022	196.8	0.0586				
1449.13	0.022	196.8	0.0568				
1449.17	0.021	196.8	0.0541				
1449.20	0.019	196.6	0.0515				
1449.23	0.016	196.5	0.0488				
1449.27	0.016	196.4	0.047				
1449.32	0.014	196.2	0.0426				
1449.35	0.012	196.1	0.0408				
1449.38	0.011	196	0.0382				
1449.40	0.009	195.7	0.0337				
1449.43	0.005	195.5	0.0337				
1449.47	0.004	195.5	0.0302				
1449.50	0.004	195.3	0.0257				
1449.53	0.003	195	0.0222				
1449.57	-0.001	194.7	0.0178				
1449.60	-0.002	194.5	0.0142				
1449.63	-0.004	194.2	0.0107				
1449.67	-0.007	193.9	0.0107				
1449.70	-0.008	193.9	0.0071				
1449.73	-0.008	193.7	0.0036				
1449.77	-0.009	193.4	0.0009				
1449.80	-0.011	193.1	-0.0027				
1449.83	-0.012	192.9	-0.0044				
1449.87	-0.013	192.7	-0.0071				
1449.90	-0.015	192.5	-0.0071				
1449.93	-0.015	192.5	-0.0098				
1449.97	-0.015	192.3	-0.0107				
1450.00	-0.016	192.1	-0.0115				
1450.03	-0.017	191.9	-0.0133				
1450.07	-0.017	191.8	-0.0142				
1450.10	-0.017	191.6	-0.0142				
1450.13	-0.017	191.5	-0.0142				
1450.17	-0.017	191.5	-0.0142				
1450.20	-0.017	191.4	-0.0142				
1450.23	-0.016	191.4	-0.0142				
1450.27	-0.016	191.3	-0.0133				
1450.30	-0.015	191.3	-0.0124				
1450.33	-0.015	191.3	-0.0115				
1450.37	-0.013	191.3	-0.0115				
1450.40	-0.012	191.3	-0.0098				
1450.43	-0.012	191.3	-0.008				
1450.47	-0.011	191.4	-0.0053				
1450.50	-0.008	191.6	-0.0036				
1450.53	-0.007	191.6	-0.0009				
1450.57	-0.006	191.8	0.0018				
1450.60	-0.003	192	0.0018				
1450.63	-0.002	192.1	0.0053				
1450.67	-0.002	192.1	0.008				
1450.70	0	192.3	0.0115				
1450.73	0.003	192.5	0.016				
1450.78	0.005	192.7	0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1450.82	0.005	192.8	0.0213				
1450.83	0.008	193.1	0.0249				
1450.87	0.011	193.3	0.0293				
1450.90	0.011	193.5	0.0328				
1450.93	0.015	193.9	0.0328				
1450.97	0.016	194.1	0.0373				
1451.00	0.016	194.1	0.0399				
1451.03	0.017	194.3	0.0444				
1451.07	0.02	194.6	0.0479				
1451.10	0.021	194.8	0.0506				
1451.13	0.022	195.1	0.0533				
1451.17	0.024	195.3	0.0533				
1451.20	0.026	195.6	0.0559				
1451.23	0.026	195.6	0.0577				
1451.27	0.026	195.8	0.0595				
1451.30	0.027	196	0.0612				
1451.33	0.028	196.2	0.063				
1451.37	0.028	196.3	0.0639				
1451.40	0.029	196.5	0.0639				
1451.43	0.029	196.6	0.0639				
1451.47	0.029	196.6	0.0648				
1451.50	0.029	196.7	0.0648				
1451.53	0.029	196.8	0.0648				
1451.57	0.029	196.9	0.0648				
1451.60	0.028	197	0.0639				
1451.63	0.027	197	0.0621				
1451.67	0.025	197	0.0621				
1451.70	0.024	197	0.0612				
1451.73	0.024	197	0.0595				
1451.77	0.024	196.9	0.0577				
1451.80	0.021	196.8	0.055				
1451.83	0.02	196.8	0.0533				
1451.87	0.019	196.7	0.0506				
1451.90	0.016	196.5	0.0506				
1451.93	0.015	196.5	0.047				
1451.97	0.015	196.4	0.0453				
1452.00	0.013	196.2	0.0408				
1452.03	0.009	196	0.0373				
1452.07	0.009	195.8	0.0346				
1452.10	0.007	195.6	0.0302				
1452.13	0.003	195.3	0.0302				
1452.17	0.002	195.3	0.0257				
1452.20	0.002	195.1	0.0222				
1452.25	-0.001	194.6	0.0186				
1452.28	-0.003	194.4	0.016				
1452.30	-0.003	194.4	0.0133				
1452.33	-0.004	194.2	0.0089				
1452.37	-0.007	193.8	0.0044				
1452.40	-0.009	193.6	0.0018				
1452.43	-0.009	193.4	-0.0009				
1452.47	-0.012	193	-0.0009				
1452.50	-0.013	192.8	-0.0044				
1452.53	-0.013	192.8	-0.0062				
1452.57	-0.014	192.7	-0.008				
1452.60	-0.015	192.4	-0.0098				
1452.63	-0.016	192.2	-0.0115				
1452.67	-0.016	192	-0.0124				
1452.70	-0.017	191.9	-0.0133				
1452.73	-0.017	191.7	-0.0133				
1452.77	-0.017	191.7	-0.0142				
1452.80	-0.017	191.6	-0.0151				
1452.83	-0.017	191.5	-0.0142				
1452.87	-0.017	191.4	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1452.90	-0.017	191.4	-0.0142				
1452.93	-0.016	191.3	-0.0133				
1452.97	-0.015	191.3	-0.0133				
1453.00	-0.014	191.3	-0.0124				
1453.03	-0.014	191.3	-0.0115				
1453.07	-0.013	191.4	-0.0089				
1453.10	-0.011	191.4	-0.0071				
1453.13	-0.01	191.5	-0.0062				
1453.17	-0.009	191.6	-0.0027				
1453.20	-0.006	191.7	-0.0027				
1453.23	-0.005	191.7	0				
1453.27	-0.005	191.8	0.0018				
1453.30	-0.003	192	0.0062				
1453.33	0	192.2	0.0098				
1453.37	0.001	192.3	0.0124				
1453.40	0.003	192.6	0.016				
1453.43	0.006	192.8	0.016				
1453.47	0.007	192.8	0.0204				
1453.50	0.007	193	0.024				
1453.53	0.009	193.3	0.0284				
1453.57	0.013	193.6	0.0328				
1453.60	0.013	193.8	0.0355				
1453.63	0.015	194.1	0.0399				
1453.68	0.019	194.3	0.0435				
1453.72	0.019	194.5	0.0453				
1453.75	0.02	194.7	0.0488				
1453.77	0.022	195	0.0488				
1453.80	0.023	195	0.0515				
1453.83	0.023	195.2	0.0533				
1453.87	0.024	195.4	0.0559				
1453.90	0.026	195.7	0.0586				
1453.93	0.026	195.9	0.0595				
1453.97	0.027	196.1	0.0621				
1454.00	0.029	196.3	0.0621				
1454.03	0.028	196.3	0.063				
1454.07	0.028	196.4	0.0639				
1454.10	0.029	196.6	0.0639				
1454.13	0.029	196.7	0.0639				
1454.17	0.029	196.8	0.0648				
1454.20	0.028	196.9	0.0648				
1454.23	0.028	197	0.0648				
1454.27	0.027	197	0.0648				
1454.30	0.027	197	0.063				
1454.33	0.027	197	0.0621				
1454.37	0.025	197	0.0604				
1454.40	0.024	197	0.0595				
1454.43	0.023	196.9	0.0568				
1454.47	0.021	196.8	0.0568				
1454.50	0.019	196.7	0.055				
1454.53	0.019	196.7	0.0524				
1454.57	0.018	196.7	0.0497				
1454.60	0.016	196.5	0.0462				
1454.63	0.014	196.3	0.0435				
1454.67	0.012	196.2	0.0399				
1454.70	0.01	195.9	0.0399				
1454.73	0.007	195.8	0.0355				
1454.77	0.007	195.8	0.0328				
1454.80	0.006	195.6	0.0293				
1454.83	0.003	195.2	0.024				
1454.87	0.001	195	0.0204				
1454.90	0	194.8	0.0169				
1454.93	-0.003	194.5	0.0124				
1454.97	-0.005	194.2	0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1455.00	-0.005	194.2	0.0089				
1455.03	-0.006	194	0.0062				
1455.07	-0.008	193.7	0.0027				
1455.10	-0.01	193.4	-0.0009				
1455.15	-0.011	193.2	-0.0036				
1455.18	-0.012	193	-0.0044				
1455.20	-0.013	192.7	-0.0071				
1455.23	-0.014	192.5	-0.0089				
1455.27	-0.015	192.3	-0.0115				
1455.30	-0.017	192.1	-0.0115				
1455.33	-0.017	192.1	-0.0124				
1455.37	-0.017	192	-0.0133				
1455.40	-0.017	191.8	-0.0133				
1455.43	-0.017	191.7	-0.0142				
1455.47	-0.017	191.5	-0.0142				
1455.50	-0.017	191.4	-0.0151				
1455.53	-0.017	191.4	-0.0151				
1455.57	-0.016	191.4	-0.0151				
1455.60	-0.016	191.4	-0.0142				
1455.63	-0.016	191.3	-0.0133				
1455.67	-0.014	191.3	-0.0115				
1455.70	-0.014	191.3	-0.0107				
1455.73	-0.012	191.4	-0.0089				
1455.77	-0.01	191.4	-0.0089				
1455.80	-0.009	191.4	-0.0071				
1455.83	-0.009	191.5	-0.0044				
1455.87	-0.008	191.7	-0.0018				
1455.90	-0.005	191.8	0.0009				
1455.93	-0.004	191.9	0.0036				
1455.97	-0.002	192.1	0.0071				
1456.00	0.001	192.3	0.0071				
1456.03	0.002	192.3	0.0107				
1456.07	0.002	192.5	0.0142				
1456.10	0.003	192.7	0.0178				
1456.13	0.007	193	0.0222				
1456.17	0.008	193.1	0.0249				
1456.20	0.01	193.4	0.0302				
1456.23	0.014	193.7	0.0302				
1456.27	0.014	193.7	0.0346				
1456.30	0.014	193.9	0.0373				
1456.33	0.016	194.2	0.0408				
1456.37	0.019	194.4	0.0453				
1456.40	0.02	194.6	0.047				
1456.43	0.021	194.9	0.0506				
1456.47	0.023	195.2	0.0506				
1456.50	0.024	195.2	0.0533				
1456.53	0.024	195.4	0.055				
1456.58	0.026	195.8	0.0586				
1456.62	0.027	195.8	0.0595				
1456.65	0.027	196	0.0612				
1456.67	0.027	196.2	0.0612				
1456.70	0.028	196.4	0.063				
1456.73	0.028	196.5	0.063				
1456.77	0.029	196.7	0.0639				
1456.80	0.029	196.8	0.0639				
1456.83	0.029	196.8	0.0648				
1456.87	0.029	196.9	0.0648				
1456.90	0.029	197	0.0648				
1456.93	0.028	197	0.0639				
1456.97	0.027	197	0.063				
1457.00	0.026	197.1	0.0612				
1457.03	0.024	197	0.0612				
1457.07	0.023	197	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1457.10	0.023	197	0.0577				
1457.13	0.022	196.9	0.055				
1457.17	0.02	196.8	0.0533				
1457.20	0.019	196.7	0.0515				
1457.23	0.017	196.6	0.0479				
1457.27	0.014	196.4	0.0479				
1457.30	0.013	196.4	0.0444				
1457.33	0.013	196.3	0.0426				
1457.37	0.012	196.1	0.0382				
1457.40	0.008	195.9	0.0337				
1457.43	0.007	195.7	0.032				
1457.47	0.005	195.5	0.0275				
1457.50	0.002	195.1	0.0275				
1457.53	0	194.9	0.0222				
1457.57	0	194.9	0.0195				
1457.60	-0.001	194.7	0.0151				
1457.63	-0.004	194.4	0.0107				
1457.67	-0.005	194.1	0.008				
1457.70	-0.006	193.9	0.0044				
1457.73	-0.01	193.6	0.0044				
1457.77	-0.011	193.3	0.0009				
1457.80	-0.011	193.3	-0.0018				
1457.83	-0.011	193.1	-0.0044				
1457.87	-0.014	192.8	-0.0071				
1457.90	-0.014	192.6	-0.0089				
1457.93	-0.015	192.4	-0.0107				
1457.97	-0.016	192.2	-0.0107				
1458.00	-0.017	192.1	-0.0124				
1458.05	-0.017	191.9	-0.0142				
1458.08	-0.017	191.8	-0.0142				
1458.10	-0.017	191.7	-0.0142				
1458.13	-0.017	191.7	-0.0151				
1458.17	-0.017	191.5	-0.0151				
1458.20	-0.017	191.4	-0.0151				
1458.23	-0.016	191.4	-0.0142				
1458.27	-0.016	191.3	-0.0142				
1458.30	-0.015	191.4	-0.0142				
1458.33	-0.014	191.3	-0.0124				
1458.37	-0.014	191.3	-0.0115				
1458.40	-0.013	191.4	-0.0098				
1458.43	-0.012	191.4	-0.008				
1458.47	-0.01	191.5	-0.0062				
1458.50	-0.009	191.6	-0.0036				
1458.53	-0.007	191.7	-0.0009				
1458.57	-0.004	191.9	-0.0009				
1458.60	-0.003	191.9	0.0018				
1458.63	-0.003	192	0.0044				
1458.67	-0.002	192.2	0.0089				
1458.70	0.002	192.4	0.0124				
1458.73	0.002	192.6	0.0142				
1458.77	0.004	192.9	0.0186				
1458.80	0.008	193.1	0.0186				
1458.83	0.009	193.1	0.0231				
1458.87	0.009	193.3	0.0275				
1458.90	0.011	193.5	0.032				
1458.93	0.014	193.8	0.0355				
1458.97	0.015	194	0.0382				
1459.00	0.017	194.3	0.0426				
1459.03	0.02	194.6	0.0426				
1459.07	0.021	194.6	0.0462				
1459.10	0.021	194.8	0.0488				
1459.13	0.022	195	0.0515				
1459.17	0.024	195.3	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1459.20	0.024	195.5	0.0559				
1459.23	0.026	195.8	0.0586				
1459.27	0.027	196	0.0586				
1459.30	0.027	196	0.0604				
1459.33	0.027	196.2	0.0612				
1459.37	0.028	196.3	0.063				
1459.40	0.029	196.5	0.063				
1459.43	0.029	196.6	0.0639				
1459.47	0.029	196.7	0.0639				
1459.52	0.029	196.8	0.0639				
1459.55	0.029	196.9	0.0639				
1459.57	0.028	197	0.0639				
1459.60	0.028	197.1	0.0639				
1459.63	0.026	197.1	0.063				
1459.67	0.026	197.1	0.0612				
1459.70	0.025	197.1	0.0604				
1459.73	0.024	197	0.0577				
1459.77	0.023	197	0.0568				
1459.80	0.021	196.9	0.0541				
1459.83	0.02	196.8	0.0541				
1459.87	0.017	196.7	0.0524				
1459.90	0.017	196.7	0.0497				
1459.93	0.016	196.6	0.0462				
1459.97	0.014	196.4	0.0426				
1460.00	0.012	196.2	0.0399				
1460.03	0.011	196.1	0.0364				
1460.07	0.008	195.8	0.032				
1460.10	0.005	195.6	0.032				
1460.13	0.005	195.6	0.0293				
1460.17	0.004	195.4	0.0249				
1460.20	0.002	195.1	0.0204				
1460.23	-0.001	194.8	0.0169				
1460.27	-0.002	194.6	0.0133				
1460.30	-0.004	194.3	0.0089				
1460.33	-0.007	194	0.0089				
1460.37	-0.007	194	0.0053				
1460.40	-0.008	193.8	0.0027				
1460.43	-0.009	193.5	-0.0009				
1460.47	-0.012	193.2	-0.0036				
1460.50	-0.012	193	-0.0053				
1460.53	-0.013	192.8	-0.008				
1460.57	-0.015	192.5	-0.008				
1460.60	-0.015	192.5	-0.0098				
1460.63	-0.015	192.4	-0.0115				
1460.67	-0.016	192.2	-0.0133				
1460.70	-0.017	192	-0.0142				
1460.73	-0.017	191.9	-0.0151				
1460.77	-0.017	191.7	-0.0151				
1460.80	-0.017	191.6	-0.0151				
1460.83	-0.017	191.6	-0.0151				
1460.87	-0.017	191.5	-0.0151				
1460.90	-0.017	191.4	-0.0151				
1460.95	-0.016	191.4	-0.0142				
1460.98	-0.016	191.4	-0.0142				
1461.00	-0.015	191.4	-0.0124				
1461.03	-0.013	191.4	-0.0107				
1461.07	-0.012	191.4	-0.0098				
1461.10	-0.012	191.5	-0.0071				
1461.13	-0.009	191.6	-0.0071				
1461.17	-0.008	191.6	-0.0053				
1461.20	-0.008	191.6	-0.0036				
1461.23	-0.007	191.8	0				
1461.27	-0.003	192	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1461.30	-0.002	192.1	0.0053				
1461.33	-0.001	192.3	0.0098				
1461.37	0.003	192.5	0.0098				
1461.40	0.003	192.5	0.0133				
1461.43	0.003	192.7	0.016				
1461.47	0.005	192.9	0.0213				
1461.50	0.009	193.2	0.0249				
1461.53	0.01	193.4	0.0284				
1461.57	0.012	193.6	0.032				
1461.60	0.015	193.9	0.032				
1461.63	0.016	194.1	0.0364				
1461.67	0.016	194.1	0.0391				
1461.70	0.017	194.4	0.0435				
1461.73	0.02	194.7	0.047				
1461.77	0.021	194.9	0.0497				
1461.80	0.022	195.1	0.0524				
1461.83	0.024	195.4	0.0524				
1461.87	0.025	195.7	0.055				
1461.90	0.025	195.7	0.0568				
1461.93	0.026	195.8	0.0595				
1461.97	0.027	196.1	0.0612				
1462.00	0.028	196.3	0.0621				
1462.03	0.029	196.4	0.063				
1462.07	0.029	196.6	0.063				
1462.10	0.029	196.7	0.063				
1462.13	0.029	196.7	0.0639				
1462.17	0.029	196.8	0.0639				
1462.20	0.029	196.9	0.0639				
1462.23	0.028	197	0.0639				
1462.27	0.028	197	0.063				
1462.30	0.027	197.1	0.0612				
1462.33	0.025	197	0.0612				
1462.37	0.025	197	0.0604				
1462.42	0.023	197	0.0577				
1462.45	0.022	197	0.0577				
1462.47	0.021	197	0.0559				
1462.50	0.021	196.9	0.0541				
1462.53	0.019	196.8	0.0506				
1462.57	0.016	196.6	0.0479				
1462.60	0.016	196.6	0.0453				
1462.63	0.014	196.3	0.0417				
1462.67	0.01	196.2	0.0417				
1462.70	0.01	196.2	0.0382				
1462.73	0.01	196	0.0355				
1462.77	0.008	195.8	0.0311				
1462.80	0.004	195.5	0.0275				
1462.83	0.003	195.3	0.024				
1462.87	0.002	195	0.0195				
1462.90	-0.002	194.7	0.0195				
1462.93	-0.003	194.7	0.0151				
1462.97	-0.003	194.5	0.0115				
1463.00	-0.004	194.2	0.008				
1463.03	-0.008	193.9	0.0044				
1463.07	-0.008	193.7	0.0018				
1463.10	-0.009	193.5	-0.0018				
1463.13	-0.012	193.2	-0.0018				
1463.17	-0.013	193.2	-0.0044				
1463.20	-0.013	193	-0.0062				
1463.23	-0.013	192.7	-0.0089				
1463.27	-0.016	192.5	-0.0115				
1463.30	-0.016	192.3	-0.0124				
1463.33	-0.016	192.2	-0.0133				
1463.37	-0.017	192	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1463.40	-0.017	192	-0.0142				
1463.43	-0.017	191.8	-0.0151				
1463.47	-0.017	191.7	-0.016				
1463.50	-0.017	191.6	-0.016				
1463.53	-0.017	191.5	-0.016				
1463.57	-0.016	191.4	-0.0142				
1463.60	-0.015	191.4	-0.0142				
1463.63	-0.015	191.4	-0.0133				
1463.67	-0.015	191.4	-0.0133				
1463.70	-0.014	191.4	-0.0115				
1463.73	-0.012	191.5	-0.0098				
1463.77	-0.011	191.5	-0.008				
1463.80	-0.01	191.6	-0.0053				
1463.85	-0.007	191.7	-0.0027				
1463.88	-0.007	191.7	-0.0018				
1463.92	-0.006	191.9	0.0018				
1463.93	-0.003	192.1	0.0018				
1463.97	-0.001	192.1	0.0044				
1464.00	-0.001	192.2	0.0071				
1464.03	0	192.4	0.0107				
1464.07	0.004	192.6	0.0142				
1464.10	0.005	192.8	0.0178				
1464.13	0.006	193	0.0222				
1464.17	0.01	193.3	0.0222				
1464.20	0.011	193.3	0.0275				
1464.23	0.011	193.5	0.0302				
1464.27	0.012	193.8	0.0346				
1464.30	0.016	194.1	0.0382				
1464.33	0.017	194.3	0.0408				
1464.37	0.018	194.5	0.0453				
1464.40	0.021	194.8	0.0453				
1464.43	0.022	195	0.0488				
1464.47	0.022	195	0.0506				
1464.50	0.023	195.2	0.0533				
1464.53	0.025	195.6	0.0559				
1464.57	0.026	195.8	0.0577				
1464.60	0.026	196	0.0595				
1464.63	0.027	196.2	0.0595				
1464.67	0.028	196.4	0.0612				
1464.70	0.028	196.4	0.0621				
1464.73	0.029	196.5	0.063				
1464.77	0.029	196.6	0.0639				
1464.80	0.029	196.8	0.0639				
1464.83	0.029	196.9	0.0639				
1464.87	0.029	197	0.0639				
1464.90	0.028	197.1	0.0639				
1464.93	0.028	197.1	0.063				
1464.97	0.027	197.1	0.0621				
1465.00	0.026	197.1	0.0604				
1465.03	0.025	197.1	0.0595				
1465.07	0.024	197.1	0.0577				
1465.10	0.022	197	0.0577				
1465.13	0.021	196.9	0.0559				
1465.17	0.021	196.9	0.0541				
1465.20	0.019	196.9	0.0506				
1465.23	0.017	196.7	0.0479				
1465.27	0.015	196.5	0.0453				
1465.32	0.014	196.4	0.0426				
1465.35	0.013	196.3	0.0408				
1465.37	0.01	196.1	0.0373				
1465.40	0.009	196	0.0337				
1465.43	0.007	195.6	0.0293				
1465.47	0.003	195.4	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1465.50	0.002	195.4	0.0249				
1465.53	0.002	195.2	0.0222				
1465.57	0.001	194.9	0.0178				
1465.60	-0.003	194.6	0.0133				
1465.63	-0.004	194.4	0.0107				
1465.67	-0.005	194.1	0.0062				
1465.70	-0.008	193.8	0.0062				
1465.73	-0.009	193.8	0.0027				
1465.77	-0.009	193.6	0				
1465.80	-0.01	193.3	-0.0027				
1465.83	-0.013	193.1	-0.0062				
1465.87	-0.014	192.9	-0.008				
1465.90	-0.014	192.7	-0.0098				
1465.93	-0.015	192.4	-0.0098				
1465.97	-0.016	192.4	-0.0115				
1466.00	-0.016	192.3	-0.0124				
1466.03	-0.016	192.1	-0.0142				
1466.07	-0.017	191.9	-0.0151				
1466.10	-0.017	191.8	-0.0151				
1466.13	-0.017	191.7	-0.0151				
1466.17	-0.017	191.6	-0.0151				
1466.20	-0.017	191.6	-0.0151				
1466.23	-0.017	191.5	-0.0151				
1466.27	-0.016	191.4	-0.0142				
1466.30	-0.015	191.4	-0.0133				
1466.33	-0.015	191.4	-0.0124				
1466.37	-0.014	191.4	-0.0107				
1466.40	-0.012	191.5	-0.0107				
1466.43	-0.011	191.5	-0.0089				
1466.47	-0.011	191.6	-0.0071				
1466.50	-0.01	191.6	-0.0044				
1466.53	-0.006	191.8	-0.0018				
1466.57	-0.006	191.9	0.0009				
1466.60	-0.004	192.1	0.0036				
1466.63	-0.001	192.3	0.0036				
1466.67	0	192.3	0.0071				
1466.70	0	192.4	0.0107				
1466.75	0.004	192.8	0.0142				
1466.78	0.005	192.8	0.016				
1466.82	0.005	193	0.0195				
1466.83	0.007	193.2	0.024				
1466.87	0.011	193.5	0.0293				
1466.90	0.012	193.7	0.032				
1466.93	0.013	193.9	0.0355				
1466.97	0.016	194.2	0.0355				
1467.00	0.018	194.4	0.0399				
1467.03	0.018	194.4	0.0426				
1467.07	0.019	194.7	0.0462				
1467.10	0.021	195	0.0497				
1467.13	0.023	195.2	0.0524				
1467.17	0.024	195.4	0.0541				
1467.20	0.025	195.7	0.0541				
1467.23	0.026	195.9	0.0568				
1467.27	0.026	195.9	0.0586				
1467.30	0.027	196.1	0.0604				
1467.33	0.028	196.3	0.0621				
1467.37	0.029	196.5	0.063				
1467.40	0.029	196.6	0.063				
1467.43	0.029	196.7	0.063				
1467.47	0.029	196.9	0.0639				
1467.50	0.029	196.9	0.0639				
1467.53	0.029	197	0.0639				
1467.57	0.028	197.1	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1467.60	0.028	197.1	0.0639				
1467.63	0.027	197.1	0.0612				
1467.67	0.026	197.1	0.0604				
1467.70	0.024	197.1	0.0604				
1467.73	0.023	197.1	0.0586				
1467.77	0.023	197.1	0.0568				
1467.80	0.022	197	0.055				
1467.83	0.02	196.9	0.0524				
1467.87	0.019	196.8	0.0506				
1467.90	0.017	196.7	0.047				
1467.93	0.014	196.5	0.047				
1467.97	0.013	196.5	0.0444				
1468.00	0.013	196.4	0.0408				
1468.03	0.012	196.1	0.0382				
1468.07	0.008	196	0.0337				
1468.10	0.007	195.8	0.0311				
1468.13	0.005	195.5	0.0257				
1468.17	0.002	195.2	0.0257				
1468.22	0.001	195	0.0186				
1468.25	0	194.8	0.016				
1468.27	-0.004	194.5	0.016				
1468.30	-0.004	194.5	0.0124				
1468.33	-0.004	194.3	0.0089				
1468.37	-0.006	194	0.0044				
1468.40	-0.009	193.7	0.0009				
1468.43	-0.009	193.5	-0.0018				
1468.47	-0.011	193.2	-0.0044				
1468.50	-0.013	193	-0.0044				
1468.53	-0.014	193	-0.0071				
1468.57	-0.014	192.8	-0.0089				
1468.60	-0.014	192.6	-0.0107				
1468.63	-0.016	192.4	-0.0124				
1468.67	-0.016	192.2	-0.0133				
1468.70	-0.017	192	-0.0151				
1468.73	-0.017	191.9	-0.0151				
1468.77	-0.017	191.9	-0.0151				
1468.80	-0.017	191.7	-0.016				
1468.83	-0.017	191.6	-0.016				
1468.87	-0.017	191.6	-0.0151				
1468.90	-0.016	191.5	-0.0151				
1468.93	-0.016	191.5	-0.0142				
1468.97	-0.015	191.4	-0.0142				
1469.00	-0.014	191.5	-0.0133				
1469.03	-0.014	191.5	-0.0124				
1469.07	-0.013	191.4	-0.0107				
1469.10	-0.011	191.6	-0.0089				
1469.13	-0.01	191.6	-0.0062				
1469.17	-0.009	191.7	-0.0036				
1469.20	-0.006	191.9	-0.0036				
1469.23	-0.005	192	-0.0009				
1469.27	-0.005	192	0.0018				
1469.30	-0.003	192.1	0.0053				
1469.33	-0.001	192.3	0.008				
1469.37	0.002	192.5	0.0115				
1469.40	0.003	192.7	0.0151				
1469.43	0.005	193	0.0151				
1469.47	0.008	193.2	0.0186				
1469.50	0.008	193.2	0.0222				
1469.53	0.009	193.4	0.0275				
1469.57	0.012	193.7	0.032				
1469.60	0.014	193.9	0.0346				
1469.63	0.015	194.1	0.0391				
1469.68	0.017	194.4	0.0426				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1469.72	0.019	194.6	0.0444				
1469.73	0.02	194.8	0.047				
1469.77	0.021	195.1	0.0497				
1469.80	0.023	195.4	0.0497				
1469.83	0.023	195.4	0.0524				
1469.87	0.024	195.6	0.055				
1469.90	0.025	195.9	0.0577				
1469.93	0.027	196.1	0.0595				
1469.97	0.027	196.2	0.0604				
1470.00	0.027	196.4	0.0612				
1470.03	0.029	196.6	0.0612				
1470.07	0.029	196.6	0.063				
1470.10	0.029	196.7	0.063				
1470.13	0.029	196.8	0.063				
1470.17	0.028	196.9	0.063				
1470.20	0.028	197	0.063				
1470.23	0.028	197.1	0.063				
1470.27	0.028	197.2	0.063				
1470.30	0.026	197.2	0.063				
1470.33	0.026	197.2	0.0612				
1470.37	0.026	197.2	0.0595				
1470.40	0.024	197.1	0.0577				
1470.43	0.023	197.1	0.0559				
1470.47	0.022	197	0.0541				
1470.50	0.019	196.9	0.0541				
1470.53	0.018	196.9	0.0515				
1470.57	0.018	196.8	0.0488				
1470.60	0.017	196.7	0.0462				
1470.63	0.013	196.5	0.0417				
1470.67	0.012	196.4	0.0391				
1470.70	0.011	196.1	0.0355				
1470.73	0.007	195.9	0.0355				
1470.77	0.006	195.9	0.0311				
1470.80	0.006	195.8	0.0284				
1470.83	0.004	195.4	0.0231				
1470.87	0.001	195.1	0.0195				
1470.90	0	194.9	0.016				
1470.93	-0.002	194.7	0.0124				
1470.97	-0.005	194.4	0.0124				
1471.00	-0.006	194.4	0.008				
1471.03	-0.006	194.1	0.0053				
1471.07	-0.007	193.9	0.0018				
1471.12	-0.011	193.6	-0.0018				
1471.15	-0.011	193.4	-0.0036				
1471.18	-0.012	193.2	-0.0062				
1471.20	-0.014	192.9	-0.008				
1471.23	-0.014	192.7	-0.0098				
1471.27	-0.015	192.5	-0.0124				
1471.30	-0.016	192.3	-0.0124				
1471.33	-0.016	192.1	-0.0133				
1471.37	-0.016	192.1	-0.0142				
1471.40	-0.017	192	-0.0151				
1471.43	-0.017	191.8	-0.016				
1471.47	-0.017	191.7	-0.016				
1471.50	-0.017	191.6	-0.016				
1471.53	-0.017	191.5	-0.016				
1471.57	-0.016	191.5	-0.016				
1471.60	-0.015	191.5	-0.0151				
1471.63	-0.015	191.4	-0.0142				
1471.67	-0.015	191.4	-0.0133				
1471.70	-0.013	191.5	-0.0115				
1471.73	-0.012	191.5	-0.0107				
1471.77	-0.011	191.6	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1471.80	-0.009	191.6	-0.0089				
1471.83	-0.008	191.6	-0.0062				
1471.87	-0.008	191.7	-0.0036				
1471.90	-0.007	191.9	-0.0009				
1471.93	-0.003	192.1	0.0027				
1471.97	-0.003	192.2	0.0053				
1472.00	-0.001	192.4	0.0089				
1472.03	0.003	192.6	0.0089				
1472.07	0.004	192.6	0.0124				
1472.10	0.004	192.8	0.016				
1472.13	0.005	193	0.0204				
1472.17	0.009	193.3	0.024				
1472.20	0.01	193.5	0.0284				
1472.23	0.011	193.8	0.032				
1472.27	0.015	194	0.032				
1472.30	0.016	194	0.0364				
1472.33	0.016	194.2	0.0391				
1472.37	0.017	194.5	0.0426				
1472.40	0.021	194.8	0.0462				
1472.43	0.021	195	0.0488				
1472.47	0.022	195.2	0.0515				
1472.50	0.024	195.6	0.0515				
1472.53	0.025	195.6	0.0541				
1472.58	0.026	195.9	0.0577				
1472.62	0.027	196.1	0.0577				
1472.63	0.027	196.1	0.0595				
1472.67	0.027	196.3	0.0604				
1472.70	0.028	196.5	0.0612				
1472.73	0.028	196.6	0.0621				
1472.77	0.029	196.8	0.063				
1472.80	0.029	196.9	0.0639				
1472.83	0.029	197	0.0639				
1472.87	0.029	197	0.0639				
1472.90	0.029	197.1	0.063				
1472.93	0.028	197.2	0.063				
1472.97	0.027	197.2	0.0612				
1473.00	0.026	197.2	0.0604				
1473.03	0.025	197.2	0.0586				
1473.07	0.023	197.1	0.0586				
1473.10	0.022	197.1	0.0568				
1473.13	0.022	197.1	0.055				
1473.17	0.021	197	0.0524				
1473.20	0.019	196.9	0.0497				
1473.23	0.017	196.8	0.047				
1473.27	0.015	196.6	0.0435				
1473.30	0.013	196.4	0.0435				
1473.33	0.011	196.2	0.0408				
1473.37	0.011	196.2	0.0373				
1473.40	0.01	196.1	0.0337				
1473.43	0.006	195.8	0.0302				
1473.47	0.005	195.6	0.0275				
1473.50	0.004	195.4	0.0222				
1473.53	0	195.1	0.0222				
1473.57	-0.002	194.8	0.0178				
1473.60	-0.002	194.8	0.0151				
1473.63	-0.003	194.6	0.0107				
1473.67	-0.005	194.3	0.0071				
1473.70	-0.007	194	0.0036				
1473.73	-0.009	193.8	0				
1473.77	-0.01	193.5	0				
1473.80	-0.012	193.2	-0.0027				
1473.83	-0.012	193.2	-0.0053				
1473.87	-0.013	193	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1473.90	-0.014	192.8	-0.0098				
1473.93	-0.016	192.6	-0.0115				
1473.97	-0.016	192.4	-0.0124				
1474.02	-0.016	192.2	-0.0142				
1474.05	-0.016	192.1	-0.0142				
1474.08	-0.017	191.9	-0.0151				
1474.10	-0.017	191.8	-0.016				
1474.13	-0.017	191.7	-0.016				
1474.17	-0.017	191.7	-0.0169				
1474.20	-0.017	191.6	-0.016				
1474.23	-0.017	191.5	-0.016				
1474.27	-0.015	191.5	-0.0151				
1474.30	-0.015	191.4	-0.0142				
1474.33	-0.014	191.5	-0.0124				
1474.37	-0.013	191.5	-0.0124				
1474.40	-0.013	191.5	-0.0115				
1474.43	-0.012	191.5	-0.0098				
1474.47	-0.011	191.6	-0.0071				
1474.50	-0.008	191.7	-0.0044				
1474.53	-0.007	191.8	-0.0018				
1474.57	-0.005	192	0.0009				
1474.60	-0.003	192.1	0.0009				
1474.63	-0.003	192.1	0.0036				
1474.67	-0.002	192.3	0.0071				
1474.70	0.001	192.5	0.0107				
1474.73	0.003	192.7	0.0142				
1474.77	0.004	192.9	0.0178				
1474.80	0.007	193.2	0.0222				
1474.83	0.01	193.4	0.0222				
1474.87	0.01	193.4	0.0257				
1474.90	0.011	193.6	0.0302				
1474.93	0.013	193.9	0.0346				
1474.97	0.016	194.2	0.0382				
1475.00	0.017	194.4	0.0408				
1475.03	0.019	194.7	0.0444				
1475.07	0.021	194.9	0.0444				
1475.10	0.021	194.9	0.0479				
1475.13	0.022	195.1	0.0497				
1475.17	0.023	195.4	0.0533				
1475.20	0.025	195.7	0.0559				
1475.23	0.026	195.9	0.0568				
1475.27	0.026	196.1	0.0595				
1475.30	0.028	196.3	0.0595				
1475.33	0.028	196.3	0.0612				
1475.37	0.028	196.4	0.0612				
1475.40	0.028	196.6	0.0621				
1475.43	0.029	196.7	0.063				
1475.48	0.029	196.9	0.063				
1475.52	0.029	197	0.063				
1475.53	0.029	197.1	0.063				
1475.57	0.028	197.2	0.063				
1475.60	0.028	197.2	0.0621				
1475.63	0.026	197.2	0.0621				
1475.67	0.025	197.2	0.0604				
1475.70	0.025	197.2	0.0595				
1475.73	0.025	197.2	0.0577				
1475.77	0.023	197.1	0.0559				
1475.80	0.021	197.1	0.0541				
1475.83	0.02	197	0.0515				
1475.87	0.017	196.8	0.0515				
1475.90	0.016	196.8	0.0488				
1475.93	0.016	196.7	0.0462				
1475.97	0.015	196.6	0.0426				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1476.00	0.011	196.4	0.0391				
1476.03	0.011	196.3	0.0364				
1476.07	0.009	196	0.032				
1476.10	0.005	195.8	0.032				
1476.13	0.004	195.8	0.0284				
1476.17	0.004	195.6	0.024				
1476.20	0.003	195.3	0.0195				
1476.23	-0.001	195	0.016				
1476.27	-0.002	194.7	0.0133				
1476.30	-0.003	194.5	0.0089				
1476.33	-0.007	194.2	0.0089				
1476.37	-0.008	194.2	0.0044				
1476.40	-0.008	193.9	0.0027				
1476.43	-0.009	193.7	-0.0009				
1476.47	-0.011	193.4	-0.0044				
1476.50	-0.012	193.2	-0.0062				
1476.53	-0.013	193	-0.0089				
1476.57	-0.014	192.7	-0.0089				
1476.60	-0.016	192.5	-0.0107				
1476.63	-0.016	192.5	-0.0124				
1476.67	-0.016	192.3	-0.0133				
1476.70	-0.017	192.1	-0.0151				
1476.73	-0.017	192	-0.016				
1476.77	-0.017	191.9	-0.016				
1476.80	-0.017	191.8	-0.016				
1476.83	-0.017	191.7	-0.016				
1476.87	-0.017	191.7	-0.016				
1476.90	-0.017	191.6	-0.016				
1476.95	-0.015	191.5	-0.0151				
1476.98	-0.015	191.5	-0.0151				
1477.00	-0.015	191.5	-0.0142				
1477.03	-0.014	191.5	-0.0124				
1477.07	-0.012	191.5	-0.0107				
1477.10	-0.011	191.6	-0.0089				
1477.13	-0.01	191.7	-0.0062				
1477.17	-0.007	191.8	-0.0062				
1477.20	-0.007	191.8	-0.0044				
1477.23	-0.007	191.9	-0.0018				
1477.27	-0.005	192.1	0.0018				
1477.30	-0.002	192.2	0.0053				
1477.33	-0.001	192.4	0.008				
1477.37	0.001	192.6	0.0115				
1477.40	0.004	192.8	0.0115				
1477.43	0.006	192.8	0.0151				
1477.47	0.006	193	0.0195				
1477.50	0.007	193.2	0.0231				
1477.53	0.011	193.5	0.0284				
1477.57	0.012	193.7	0.0311				
1477.60	0.013	194	0.0346				
1477.63	0.017	194.3	0.0346				
1477.67	0.017	194.3	0.0382				
1477.70	0.017	194.5	0.0408				
1477.73	0.019	194.7	0.0453				
1477.77	0.022	195	0.0488				
1477.80	0.022	195.2	0.0506				
1477.83	0.024	195.5	0.0533				
1477.87	0.025	195.8	0.0533				
1477.90	0.027	196	0.0559				
1477.93	0.027	196	0.0577				
1477.97	0.027	196.1	0.0595				
1478.00	0.028	196.3	0.0604				
1478.03	0.028	196.5	0.0621				
1478.07	0.028	196.7	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1478.10	0.029	196.8	0.0621				
1478.13	0.029	196.9	0.063				
1478.17	0.029	196.9	0.063				
1478.20	0.029	197	0.063				
1478.23	0.029	197.1	0.063				
1478.27	0.028	197.2	0.063				
1478.30	0.027	197.2	0.0612				
1478.33	0.026	197.2	0.0595				
1478.38	0.024	197.2	0.0586				
1478.42	0.024	197.2	0.0577				
1478.43	0.023	197.1	0.055				
1478.47	0.02	197	0.055				
1478.50	0.02	197	0.0533				
1478.53	0.02	197	0.0506				
1478.57	0.018	196.8	0.0479				
1478.60	0.015	196.7	0.0444				
1478.63	0.014	196.5	0.0417				
1478.67	0.012	196.3	0.0382				
1478.70	0.009	196.1	0.0382				
1478.73	0.008	196.1	0.0346				
1478.77	0.008	196	0.032				
1478.80	0.006	195.7	0.0275				
1478.83	0.002	195.4	0.0231				
1478.87	0.002	195.2	0.0195				
1478.90	0	194.9	0.0151				
1478.93	-0.003	194.6	0.0151				
1478.97	-0.004	194.6	0.0115				
1479.00	-0.004	194.4	0.008				
1479.03	-0.006	194.1	0.0036				
1479.07	-0.009	193.8	0.0009				
1479.10	-0.01	193.6	-0.0018				
1479.13	-0.011	193.3	-0.0053				
1479.17	-0.013	193.1	-0.0053				
1479.20	-0.014	193.1	-0.0071				
1479.23	-0.014	192.9	-0.0089				
1479.27	-0.015	192.6	-0.0115				
1479.30	-0.016	192.4	-0.0133				
1479.33	-0.016	192.3	-0.0142				
1479.37	-0.017	192.1	-0.0151				
1479.40	-0.017	192	-0.0151				
1479.43	-0.017	192	-0.0151				
1479.47	-0.017	191.8	-0.016				
1479.50	-0.017	191.7	-0.016				
1479.53	-0.017	191.6	-0.016				
1479.57	-0.017	191.6	-0.0151				
1479.60	-0.016	191.5	-0.0151				
1479.63	-0.014	191.5	-0.0151				
1479.67	-0.014	191.5	-0.0133				
1479.70	-0.014	191.5	-0.0124				
1479.73	-0.013	191.5	-0.0107				
1479.77	-0.011	191.6	-0.0089				
1479.80	-0.01	191.7	-0.0071				
1479.85	-0.009	191.7	-0.0044				
1479.88	-0.007	191.8	-0.0036				
1479.90	-0.006	191.9	-0.0009				
1479.93	-0.004	192.1	0.0027				
1479.97	-0.001	192.3	0.0027				
1480.00	0	192.5	0.0062				
1480.03	0	192.5	0.0089				
1480.07	0.002	192.6	0.0133				
1480.10	0.005	192.9	0.0178				
1480.13	0.006	193.1	0.0204				
1480.17	0.008	193.3	0.0249				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1480.20	0.011	193.6	0.0249				
1480.23	0.013	193.9	0.0293				
1480.27	0.013	193.9	0.0328				
1480.30	0.014	194.1	0.0364				
1480.33	0.017	194.4	0.0399				
1480.37	0.019	194.6	0.0435				
1480.40	0.02	194.8	0.047				
1480.43	0.022	195.1	0.047				
1480.47	0.024	195.4	0.0497				
1480.50	0.024	195.4	0.0524				
1480.53	0.024	195.6	0.0541				
1480.57	0.025	195.9	0.0568				
1480.60	0.027	196.1	0.0586				
1480.63	0.027	196.2	0.0595				
1480.67	0.028	196.4	0.0595				
1480.70	0.029	196.6	0.0612				
1480.73	0.029	196.6	0.0621				
1480.77	0.029	196.7	0.063				
1480.80	0.029	196.8	0.063				
1480.83	0.029	197	0.063				
1480.87	0.029	197.1	0.063				
1480.90	0.028	197.1	0.063				
1480.93	0.027	197.2	0.063				
1480.97	0.027	197.2	0.0621				
1481.00	0.027	197.2	0.0612				
1481.03	0.026	197.2	0.0586				
1481.07	0.023	197.1	0.0568				
1481.10	0.023	197.1	0.0568				
1481.13	0.022	197	0.0533				
1481.17	0.019	196.9	0.0533				
1481.20	0.018	196.9	0.0506				
1481.23	0.018	196.8	0.0488				
1481.28	0.015	196.6	0.0453				
1481.32	0.013	196.6	0.0444				
1481.35	0.013	196.5	0.0408				
1481.37	0.012	196.3	0.0373				
1481.40	0.008	196	0.0328				
1481.43	0.007	195.9	0.0311				
1481.47	0.005	195.7	0.0257				
1481.50	0.002	195.3	0.0257				
1481.53	0	195.1	0.0213				
1481.57	0	195.1	0.0186				
1481.60	-0.001	194.9	0.0142				
1481.63	-0.004	194.5	0.0098				
1481.67	-0.006	194.3	0.0071				
1481.70	-0.006	194.1	0.0036				
1481.73	-0.009	193.7	0.0036				
1481.77	-0.011	193.5	-0.0009				
1481.80	-0.011	193.5	-0.0027				
1481.83	-0.011	193.3	-0.0053				
1481.87	-0.013	193	-0.008				
1481.90	-0.015	192.8	-0.0098				
1481.93	-0.015	192.6	-0.0115				
1481.97	-0.016	192.4	-0.0133				
1482.00	-0.017	192.2	-0.0133				
1482.03	-0.017	192.2	-0.0142				
1482.07	-0.017	192.1	-0.0151				
1482.10	-0.017	191.9	-0.016				
1482.13	-0.017	191.8	-0.016				
1482.17	-0.017	191.7	-0.016				
1482.20	-0.017	191.6	-0.0151				
1482.23	-0.016	191.6	-0.0151				
1482.27	-0.016	191.6	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1482.30	-0.016	191.5	-0.0142				
1482.33	-0.015	191.5	-0.0133				
1482.37	-0.013	191.6	-0.0115				
1482.40	-0.012	191.6	-0.0107				
1482.43	-0.012	191.6	-0.008				
1482.47	-0.009	191.7	-0.008				
1482.50	-0.008	191.7	-0.0062				
1482.53	-0.008	191.8	-0.0036				
1482.57	-0.007	192	-0.0009				
1482.60	-0.004	192.1	0.0027				
1482.63	-0.003	192.3	0.0053				
1482.67	-0.001	192.5	0.0089				
1482.70	0.003	192.7	0.0089				
1482.75	0.004	192.9	0.0151				
1482.78	0.004	193	0.0178				
1482.80	0.008	193.3	0.0178				
1482.83	0.009	193.3	0.0222				
1482.87	0.009	193.5	0.0257				
1482.90	0.011	193.8	0.0302				
1482.93	0.014	194	0.0346				
1482.97	0.015	194.2	0.0382				
1483.00	0.017	194.5	0.0417				
1483.03	0.02	194.8	0.0417				
1483.07	0.02	194.8	0.0453				
1483.10	0.02	195	0.0479				
1483.13	0.022	195.2	0.0506				
1483.17	0.024	195.6	0.0541				
1483.20	0.025	195.8	0.0559				
1483.23	0.025	196	0.0577				
1483.27	0.027	196.2	0.0577				
1483.30	0.027	196.2	0.0595				
1483.33	0.027	196.4	0.0604				
1483.37	0.028	196.5	0.0621				
1483.40	0.028	196.7	0.0621				
1483.43	0.029	196.8	0.063				
1483.47	0.029	196.9	0.063				
1483.50	0.029	197	0.063				
1483.53	0.029	197	0.063				
1483.57	0.029	197.1	0.063				
1483.60	0.028	197.2	0.063				
1483.63	0.027	197.2	0.0621				
1483.67	0.026	197.2	0.0604				
1483.70	0.025	197.2	0.0586				
1483.73	0.024	197.2	0.0586				
1483.77	0.022	197.1	0.0568				
1483.80	0.022	197.1	0.055				
1483.83	0.021	197.1	0.0524				
1483.87	0.018	196.9	0.0497				
1483.90	0.017	196.8	0.047				
1483.93	0.016	196.7	0.0444				
1483.97	0.013	196.5	0.0444				
1484.00	0.011	196.4	0.0408				
1484.03	0.011	196.4	0.0382				
1484.07	0.01	196.2	0.0346				
1484.10	0.006	195.9	0.0302				
1484.13	0.004	195.7	0.0257				
1484.18	0.004	195.5	0.0222				
1484.22	0.002	195.2	0.0204				
1484.25	0	195	0.0169				
1484.27	-0.002	194.8	0.0124				
1484.30	-0.005	194.4	0.0124				
1484.33	-0.007	194.2	0.008				
1484.37	-0.007	194.2	0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1484.40	-0.007	194	0.0018				
1484.43	-0.01	193.7	-0.0018				
1484.47	-0.011	193.4	-0.0044				
1484.50	-0.012	193.2	-0.0071				
1484.53	-0.013	192.9	-0.0071				
1484.57	-0.015	192.7	-0.0089				
1484.60	-0.015	192.7	-0.0115				
1484.63	-0.015	192.5	-0.0124				
1484.67	-0.016	192.4	-0.0133				
1484.70	-0.017	192.2	-0.0142				
1484.73	-0.017	192	-0.0151				
1484.77	-0.017	191.9	-0.016				
1484.80	-0.017	191.8	-0.016				
1484.83	-0.017	191.8	-0.016				
1484.87	-0.017	191.7	-0.016				
1484.90	-0.017	191.6	-0.016				
1484.93	-0.016	191.6	-0.0151				
1484.97	-0.015	191.5	-0.0142				
1485.00	-0.014	191.6	-0.0124				
1485.03	-0.012	191.6	-0.0124				
1485.07	-0.012	191.6	-0.0107				
1485.10	-0.012	191.6	-0.0089				
1485.13	-0.011	191.7	-0.0071				
1485.17	-0.008	191.8	-0.0044				
1485.20	-0.007	191.9	-0.0027				
1485.23	-0.006	192.1	0.0009				
1485.27	-0.002	192.2	0.0009				
1485.30	-0.002	192.2	0.0044				
1485.33	-0.002	192.4	0.0062				
1485.37	0	192.5	0.0098				
1485.40	0.004	192.8	0.0142				
1485.43	0.004	193	0.0169				
1485.47	0.006	193.2	0.0213				
1485.50	0.01	193.5	0.0213				
1485.53	0.011	193.5	0.0257				
1485.57	0.011	193.7	0.0293				
1485.60	0.013	193.9	0.0337				
1485.65	0.016	194.4	0.0382				
1485.68	0.016	194.4	0.0391				
1485.70	0.018	194.6	0.0435				
1485.73	0.02	194.9	0.047				
1485.77	0.022	195.2	0.0488				
1485.80	0.022	195.4	0.0515				
1485.83	0.024	195.7	0.0515				
1485.87	0.025	195.9	0.0541				
1485.90	0.025	195.9	0.0559				
1485.93	0.026	196.1	0.0577				
1485.97	0.027	196.3	0.0595				
1486.00	0.028	196.5	0.0612				
1486.03	0.028	196.6	0.0621				
1486.07	0.028	196.8	0.0621				
1486.10	0.029	196.9	0.0621				
1486.13	0.029	196.9	0.063				
1486.17	0.029	197	0.063				
1486.20	0.029	197.1	0.063				
1486.23	0.028	197.2	0.063				
1486.27	0.028	197.3	0.0621				
1486.30	0.027	197.3	0.0612				
1486.33	0.025	197.2	0.0612				
1486.37	0.024	197.2	0.0595				
1486.40	0.024	197.3	0.0586				
1486.43	0.024	197.2	0.0568				
1486.47	0.021	197.2	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1486.50	0.02	197.1	0.0524				
1486.53	0.019	197	0.0488				
1486.57	0.016	196.8	0.0488				
1486.60	0.015	196.8	0.0462				
1486.63	0.015	196.7	0.0435				
1486.67	0.013	196.5	0.0399				
1486.70	0.01	196.3	0.0355				
1486.73	0.008	196.1	0.0328				
1486.77	0.007	195.9	0.0293				
1486.80	0.004	195.7	0.0293				
1486.83	0.002	195.4	0.0249				
1486.87	0.002	195.4	0.0213				
1486.90	0.001	195.2	0.0169				
1486.93	-0.003	194.8	0.0124				
1486.97	-0.004	194.6	0.0098				
1487.00	-0.005	194.4	0.0062				
1487.03	-0.008	194	0.0062				
1487.07	-0.009	193.8	0.0027				
1487.12	-0.01	193.6	-0.0027				
1487.15	-0.011	193.4	-0.0027				
1487.17	-0.013	193.1	-0.0044				
1487.20	-0.013	193.1	-0.008				
1487.23	-0.014	192.9	-0.0098				
1487.27	-0.015	192.7	-0.0115				
1487.30	-0.016	192.5	-0.0133				
1487.33	-0.016	192.3	-0.0142				
1487.37	-0.017	192.1	-0.0151				
1487.40	-0.017	192	-0.0151				
1487.43	-0.017	192	-0.016				
1487.47	-0.017	191.9	-0.016				
1487.50	-0.017	191.8	-0.016				
1487.53	-0.017	191.7	-0.016				
1487.57	-0.016	191.6	-0.016				
1487.60	-0.016	191.6	-0.0151				
1487.63	-0.015	191.6	-0.0151				
1487.67	-0.014	191.6	-0.0142				
1487.70	-0.014	191.5	-0.0124				
1487.73	-0.013	191.6	-0.0107				
1487.77	-0.011	191.7	-0.0089				
1487.80	-0.01	191.7	-0.0071				
1487.83	-0.009	191.8	-0.0044				
1487.87	-0.006	192	-0.0044				
1487.90	-0.005	192	-0.0018				
1487.93	-0.005	192.1	0.0009				
1487.97	-0.003	192.3	0.0044				
1488.00	0	192.5	0.008				
1488.03	0.001	192.6	0.0107				
1488.07	0.002	192.8	0.0151				
1488.10	0.006	193.1	0.0151				
1488.13	0.007	193.1	0.0195				
1488.17	0.007	193.3	0.0222				
1488.20	0.009	193.5	0.0257				
1488.23	0.013	193.8	0.032				
1488.27	0.014	194	0.0337				
1488.30	0.015	194.3	0.0382				
1488.33	0.018	194.6	0.0382				
1488.37	0.019	194.8	0.0426				
1488.40	0.019	194.8	0.0444				
1488.43	0.02	195	0.0479				
1488.47	0.023	195.3	0.0515				
1488.50	0.024	195.6	0.0533				
1488.55	0.025	195.8	0.0559				
1488.58	0.025	196	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1488.62	0.026	196.2	0.0586				
1488.63	0.027	196.4	0.0604				
1488.67	0.028	196.6	0.0604				
1488.70	0.029	196.7	0.0621				
1488.73	0.029	196.7	0.0621				
1488.77	0.029	196.9	0.063				
1488.80	0.029	197	0.063				
1488.83	0.029	197.1	0.063				
1488.87	0.029	197.2	0.063				
1488.90	0.028	197.3	0.063				
1488.93	0.027	197.3	0.063				
1488.97	0.026	197.3	0.0621				
1489.00	0.026	197.3	0.0604				
1489.03	0.025	197.3	0.0595				
1489.07	0.024	197.3	0.0577				
1489.10	0.023	197.2	0.0559				
1489.13	0.022	197.2	0.0533				
1489.17	0.019	197.1	0.0533				
1489.20	0.018	197.1	0.0506				
1489.23	0.018	197	0.0488				
1489.27	0.017	196.8	0.0453				
1489.30	0.013	196.6	0.0417				
1489.33	0.012	196.5	0.0391				
1489.37	0.011	196.3	0.0355				
1489.40	0.007	196	0.0355				
1489.43	0.006	196	0.0311				
1489.47	0.006	195.9	0.0284				
1489.50	0.004	195.6	0.0231				
1489.53	0	195.3	0.0186				
1489.57	0	195.1	0.016				
1489.60	-0.002	194.8	0.0124				
1489.63	-0.005	194.5	0.0124				
1489.67	-0.006	194.5	0.008				
1489.70	-0.006	194.3	0.0053				
1489.73	-0.007	194	0.0018				
1489.77	-0.01	193.7	-0.0018				
1489.80	-0.011	193.5	-0.0044				
1489.83	-0.012	193.2	-0.0071				
1489.87	-0.014	193	-0.0071				
1489.90	-0.015	193	-0.0098				
1489.93	-0.015	192.8	-0.0115				
1489.97	-0.015	192.6	-0.0124				
1490.02	-0.017	192.4	-0.0142				
1490.05	-0.017	192.2	-0.0151				
1490.07	-0.017	192.1	-0.0151				
1490.10	-0.017	192	-0.016				
1490.13	-0.017	191.8	-0.016				
1490.17	-0.017	191.7	-0.016				
1490.20	-0.017	191.7	-0.016				
1490.23	-0.016	191.7	-0.016				
1490.27	-0.016	191.6	-0.0151				
1490.30	-0.016	191.6	-0.0142				
1490.33	-0.014	191.6	-0.0133				
1490.37	-0.013	191.6	-0.0115				
1490.40	-0.012	191.6	-0.0098				
1490.43	-0.011	191.7	-0.0098				
1490.47	-0.009	191.7	-0.008				
1490.50	-0.009	191.8	-0.0062				
1490.53	-0.008	191.9	-0.0036				
1490.57	-0.005	192.1	0				
1490.60	-0.004	192.2	0.0018				
1490.63	-0.003	192.3	0.0053				
1490.67	0	192.6	0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1490.70	0.002	192.8	0.0098				
1490.73	0.002	192.8	0.0124				
1490.77	0.003	192.9	0.016				
1490.80	0.006	193.2	0.0204				
1490.83	0.009	193.4	0.024				
1490.87	0.01	193.6	0.0284				
1490.90	0.012	193.9	0.0284				
1490.93	0.015	194.2	0.032				
1490.97	0.015	194.2	0.0355				
1491.00	0.016	194.4	0.0399				
1491.03	0.018	194.7	0.0435				
1491.07	0.02	195	0.047				
1491.10	0.021	195.2	0.0497				
1491.13	0.023	195.5	0.0524				
1491.17	0.025	195.7	0.0524				
1491.20	0.025	195.7	0.0541				
1491.23	0.025	195.9	0.0559				
1491.27	0.026	196.1	0.0586				
1491.30	0.027	196.3	0.0604				
1491.33	0.028	196.5	0.0612				
1491.37	0.028	196.7	0.0621				
1491.40	0.029	196.8	0.0621				
1491.45	0.029	196.9	0.063				
1491.48	0.029	197	0.063				
1491.52	0.029	197.2	0.063				
1491.53	0.029	197.2	0.063				
1491.57	0.029	197.3	0.063				
1491.60	0.028	197.3	0.0621				
1491.63	0.027	197.3	0.0612				
1491.67	0.026	197.3	0.0604				
1491.70	0.025	197.3	0.0586				
1491.73	0.023	197.3	0.0586				
1491.77	0.022	197.3	0.0568				
1491.80	0.022	197.2	0.055				
1491.83	0.021	197.2	0.0524				
1491.87	0.018	197	0.0497				
1491.90	0.017	196.9	0.0479				
1491.93	0.016	196.8	0.0444				
1491.97	0.013	196.6	0.0444				
1492.00	0.011	196.4	0.0408				
1492.03	0.011	196.4	0.0382				
1492.07	0.01	196.3	0.0337				
1492.10	0.006	196	0.0302				
1492.13	0.005	195.8	0.0275				
1492.17	0.003	195.6	0.0222				
1492.20	0	195.2	0.0222				
1492.23	-0.001	195	0.0178				
1492.27	-0.001	195	0.0151				
1492.30	-0.002	194.8	0.0107				
1492.33	-0.005	194.4	0.0062				
1492.37	-0.007	194.2	0.0036				
1492.40	-0.008	194	0				
1492.43	-0.01	193.6	0				
1492.47	-0.012	193.4	-0.0027				
1492.50	-0.012	193.4	-0.0053				
1492.53	-0.013	193.2	-0.008				
1492.57	-0.014	192.9	-0.0107				
1492.60	-0.015	192.7	-0.0115				
1492.63	-0.016	192.6	-0.0133				
1492.67	-0.016	192.3	-0.0142				
1492.70	-0.017	192.2	-0.0142				
1492.73	-0.017	192.2	-0.0151				
1492.77	-0.017	192	-0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1492.80	-0.017	191.9	-0.016				
1492.83	-0.017	191.8	-0.016				
1492.87	-0.017	191.7	-0.016				
1492.92	-0.017	191.7	-0.016				
1492.95	-0.016	191.6	-0.0151				
1492.97	-0.015	191.6	-0.0142				
1493.00	-0.015	191.6	-0.0133				
1493.03	-0.013	191.6	-0.0133				
1493.07	-0.012	191.6	-0.0115				
1493.10	-0.012	191.7	-0.0098				
1493.13	-0.011	191.8	-0.0071				
1493.17	-0.008	191.9	-0.0044				
1493.20	-0.007	191.9	-0.0036				
1493.23	-0.006	192.1	0				
1493.27	-0.002	192.3	0				
1493.30	-0.002	192.3	0.0036				
1493.33	-0.002	192.4	0.0062				
1493.37	0	192.6	0.0098				
1493.40	0.004	192.9	0.0142				
1493.43	0.004	193	0.0169				
1493.47	0.006	193.3	0.0213				
1493.50	0.01	193.6	0.0213				
1493.53	0.011	193.6	0.0257				
1493.57	0.011	193.7	0.0302				
1493.60	0.012	194	0.0328				
1493.63	0.016	194.3	0.0373				
1493.67	0.016	194.5	0.0399				
1493.70	0.018	194.8	0.0444				
1493.73	0.021	195.1	0.0444				
1493.77	0.022	195.1	0.0479				
1493.80	0.022	195.3	0.0497				
1493.83	0.023	195.6	0.0524				
1493.87	0.025	195.8	0.055				
1493.90	0.026	196	0.0568				
1493.93	0.026	196.2	0.0595				
1493.97	0.028	196.4	0.0595				
1494.00	0.028	196.4	0.0604				
1494.03	0.028	196.6	0.0612				
1494.07	0.028	196.7	0.0621				
1494.10	0.029	196.9	0.063				
1494.13	0.029	197	0.063				
1494.17	0.029	197.1	0.063				
1494.20	0.029	197.2	0.063				
1494.23	0.028	197.2	0.063				
1494.27	0.028	197.3	0.063				
1494.30	0.027	197.3	0.0612				
1494.35	0.025	197.3	0.0595				
1494.38	0.025	197.3	0.0595				
1494.42	0.025	197.4	0.0577				
1494.43	0.023	197.3	0.0559				
1494.47	0.021	197.2	0.0541				
1494.50	0.02	197.1	0.0515				
1494.53	0.018	197	0.0515				
1494.57	0.016	196.9	0.0488				
1494.60	0.016	196.9	0.0462				
1494.63	0.015	196.7	0.0426				
1494.67	0.012	196.5	0.0391				
1494.70	0.01	196.4	0.0364				
1494.73	0.009	196.2	0.0328				
1494.77	0.006	195.9	0.0328				
1494.80	0.004	195.7	0.0284				
1494.83	0.004	195.7	0.024				
1494.87	0.002	195.5	0.0204				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1494.90	-0.001	195.1	0.016				
1494.93	-0.002	194.9	0.0133				
1494.97	-0.004	194.7	0.0089				
1495.00	-0.006	194.3	0.0089				
1495.03	-0.008	194.1	0.0053				
1495.07	-0.008	194.1	0.0018				
1495.10	-0.009	193.9	-0.0009				
1495.13	-0.011	193.6	-0.0044				
1495.17	-0.012	193.3	-0.0071				
1495.20	-0.013	193.1	-0.0089				
1495.23	-0.014	192.9	-0.0107				
1495.27	-0.016	192.6	-0.0107				
1495.30	-0.016	192.6	-0.0124				
1495.33	-0.016	192.5	-0.0142				
1495.37	-0.016	192.3	-0.0151				
1495.40	-0.017	192.1	-0.016				
1495.43	-0.017	192	-0.016				
1495.47	-0.017	191.9	-0.0169				
1495.50	-0.017	191.8	-0.0169				
1495.53	-0.017	191.8	-0.0169				
1495.57	-0.017	191.7	-0.016				
1495.60	-0.016	191.7	-0.0151				
1495.63	-0.015	191.7	-0.0142				
1495.67	-0.014	191.6	-0.0133				
1495.70	-0.014	191.7	-0.0115				
1495.73	-0.012	191.7	-0.0115				
1495.77	-0.011	191.7	-0.0098				
1495.82	-0.01	191.9	-0.0071				
1495.85	-0.008	191.9	-0.0071				
1495.87	-0.007	191.9	-0.0053				
1495.90	-0.007	192	-0.0018				
1495.93	-0.005	192.2	0.0018				
1495.97	-0.001	192.4	0.0053				
1496.00	-0.001	192.5	0.008				
1496.03	0.001	192.8	0.0115				
1496.07	0.005	193	0.0115				
1496.10	0.006	193	0.016				
1496.13	0.006	193.2	0.0195				
1496.17	0.007	193.4	0.0231				
1496.20	0.011	193.7	0.0284				
1496.23	0.012	193.9	0.0311				
1496.27	0.013	194.2	0.0346				
1496.30	0.017	194.5	0.0346				
1496.33	0.017	194.5	0.0391				
1496.37	0.017	194.7	0.0417				
1496.40	0.019	194.9	0.0453				
1496.43	0.022	195.2	0.0488				
1496.47	0.023	195.4	0.0506				
1496.50	0.023	195.7	0.0533				
1496.53	0.026	195.9	0.0533				
1496.57	0.026	195.9	0.0559				
1496.60	0.026	196.1	0.0577				
1496.63	0.027	196.3	0.0595				
1496.67	0.028	196.5	0.0604				
1496.70	0.028	196.7	0.0612				
1496.73	0.029	196.8	0.0621				
1496.77	0.029	197	0.0621				
1496.80	0.029	197	0.063				
1496.83	0.029	197.1	0.063				
1496.87	0.029	197.2	0.063				
1496.90	0.029	197.3	0.063				
1496.93	0.027	197.3	0.0621				
1496.97	0.027	197.4	0.0612				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1497.00	0.026	197.3	0.0612				
1497.03	0.024	197.3	0.0595				
1497.07	0.024	197.3	0.0577				
1497.10	0.023	197.3	0.0559				
1497.13	0.021	197.2	0.0533				
1497.17	0.02	197.1	0.0515				
1497.20	0.019	197.1	0.0488				
1497.23	0.016	196.9	0.0488				
1497.28	0.014	196.8	0.0435				
1497.32	0.014	196.7	0.0408				
1497.33	0.012	196.4	0.0408				
1497.37	0.009	196.3	0.0373				
1497.40	0.009	196.3	0.0346				
1497.43	0.008	196.1	0.0311				
1497.47	0.005	195.8	0.0257				
1497.50	0.003	195.6	0.0222				
1497.53	0.001	195.4	0.0186				
1497.57	-0.001	195	0.0142				
1497.60	-0.003	194.8	0.0142				
1497.63	-0.003	194.8	0.0107				
1497.67	-0.005	194.5	0.0071				
1497.70	-0.006	194.2	0.0036				
1497.73	-0.009	193.9	0				
1497.77	-0.01	193.8	-0.0027				
1497.80	-0.011	193.4	-0.0053				
1497.83	-0.013	193.2	-0.0053				
1497.87	-0.014	193.2	-0.008				
1497.90	-0.014	193	-0.0098				
1497.93	-0.015	192.8	-0.0115				
1497.97	-0.016	192.6	-0.0133				
1498.00	-0.016	192.4	-0.0142				
1498.03	-0.017	192.2	-0.0151				
1498.07	-0.017	192.1	-0.0151				
1498.10	-0.017	192.1	-0.016				
1498.13	-0.017	192	-0.0169				
1498.17	-0.017	191.9	-0.0169				
1498.20	-0.017	191.8	-0.0169				
1498.23	-0.017	191.7	-0.016				
1498.27	-0.016	191.7	-0.0151				
1498.30	-0.015	191.7	-0.0151				
1498.33	-0.014	191.7	-0.0142				
1498.37	-0.014	191.7	-0.0124				
1498.40	-0.013	191.7	-0.0107				
1498.43	-0.011	191.8	-0.0089				
1498.47	-0.01	191.8	-0.0071				
1498.50	-0.009	191.9	-0.0044				
1498.53	-0.006	192.1	-0.0044				
1498.57	-0.004	192.2	-0.0018				
1498.60	-0.004	192.2	0.0009				
1498.63	-0.003	192.3	0.0044				
1498.67	-0.001	192.6	0.0071				
1498.72	0.001	192.7	0.0098				
1498.75	0.002	192.8	0.0124				
1498.78	0.005	193.1	0.0169				
1498.80	0.007	193.3	0.0204				
1498.83	0.008	193.5	0.024				
1498.87	0.011	193.8	0.024				
1498.90	0.013	194	0.0293				
1498.93	0.013	194	0.0328				
1498.97	0.014	194.3	0.0355				
1499.00	0.017	194.5	0.0399				
1499.03	0.019	194.8	0.0435				
1499.07	0.02	195	0.0462				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1499.10	0.022	195.4	0.0497				
1499.13	0.024	195.6	0.0497				
1499.17	0.024	195.6	0.0524				
1499.20	0.024	195.8	0.0541				
1499.23	0.025	196.1	0.0568				
1499.27	0.027	196.3	0.0586				
1499.30	0.027	196.4	0.0595				
1499.33	0.028	196.6	0.0612				
1499.37	0.029	196.8	0.0612				
1499.40	0.028	196.8	0.0621				
1499.43	0.028	196.9	0.0621				
1499.47	0.029	197	0.063				
1499.50	0.029	197.2	0.063				
1499.53	0.029	197.3	0.063				
1499.57	0.029	197.3	0.0621				
1499.60	0.027	197.4	0.0621				
1499.63	0.027	197.4	0.0612				
1499.67	0.027	197.4	0.0604				
1499.70	0.025	197.4	0.0586				
1499.73	0.024	197.3	0.0568				
1499.77	0.023	197.3	0.055				
1499.80	0.022	197.2	0.0524				
1499.83	0.019	197.1	0.0524				
1499.87	0.018	197.1	0.0497				
1499.90	0.018	197	0.0488				
1499.93	0.017	196.9	0.0444				
1499.97	0.013	196.7	0.0408				
1500.00	0.012	196.6	0.0382				
1500.03	0.011	196.4	0.0346				
1500.07	0.007	196.1	0.0346				
1500.10	0.006	196.1	0.0311				
1500.13	0.006	195.9	0.0284				
1500.18	0.002	195.5	0.0231				
1500.22	0.001	195.2	0.0204				
1500.23	0.001	195.2	0.0178				
1500.27	-0.001	195	0.0133				
1500.30	-0.004	194.7	0.0089				
1500.33	-0.006	194.4	0.0053				
1500.37	-0.006	194.2	0.0027				
1500.40	-0.009	193.9	0.0027				
1500.43	-0.011	193.7	-0.0009				
1500.47	-0.011	193.7	-0.0044				
1500.50	-0.011	193.4	-0.0062				
1500.53	-0.013	193.2	-0.0089				
1500.57	-0.015	192.9	-0.0115				
1500.60	-0.015	192.8	-0.0124				
1500.63	-0.016	192.5	-0.0124				
1500.67	-0.017	192.4	-0.0142				
1500.70	-0.017	192.4	-0.0151				
1500.73	-0.017	192.2	-0.016				
1500.77	-0.017	192.1	-0.0169				
1500.80	-0.017	191.9	-0.0169				
1500.83	-0.017	191.8	-0.0169				
1500.87	-0.017	191.8	-0.0169				
1500.90	-0.016	191.7	-0.0169				
1500.93	-0.016	191.7	-0.016				
1500.97	-0.016	191.7	-0.016				
1501.00	-0.015	191.7	-0.0142				
1501.03	-0.014	191.7	-0.0133				
1501.07	-0.013	191.7	-0.0115				
1501.10	-0.011	191.8	-0.0089				
1501.13	-0.009	191.9	-0.0089				
1501.17	-0.008	191.9	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1501.20	-0.008	191.9	-0.0044				
1501.23	-0.007	192.1	-0.0018				
1501.27	-0.003	192.3	0.0018				
1501.30	-0.003	192.4	0.0044				
1501.33	-0.001	192.7	0.008				
1501.37	0.003	192.9	0.008				
1501.40	0.004	192.9	0.0115				
1501.43	0.004	193	0.0151				
1501.47	0.006	193.3	0.0195				
1501.50	0.009	193.5	0.0231				
1501.53	0.01	193.7	0.0275				
1501.57	0.012	194	0.0311				
1501.62	0.015	194.3	0.0355				
1501.65	0.015	194.4	0.0373				
1501.68	0.017	194.7	0.0408				
1501.70	0.02	194.9	0.0408				
1501.73	0.02	194.9	0.0444				
1501.77	0.02	195.1	0.047				
1501.80	0.022	195.5	0.0497				
1501.83	0.024	195.7	0.0533				
1501.87	0.025	195.9	0.055				
1501.90	0.026	196.1	0.0568				
1501.93	0.027	196.4	0.0568				
1501.97	0.028	196.4	0.0586				
1502.00	0.028	196.5	0.0595				
1502.03	0.028	196.7	0.0604				
1502.07	0.028	196.9	0.0612				
1502.10	0.029	197	0.0621				
1502.13	0.029	197.1	0.0621				
1502.17	0.029	197.2	0.0621				
1502.20	0.028	197.2	0.0621				
1502.23	0.028	197.3	0.0621				
1502.27	0.028	197.4	0.0612				
1502.30	0.027	197.4	0.0604				
1502.33	0.026	197.4	0.0595				
1502.37	0.025	197.4	0.0577				
1502.40	0.023	197.3	0.0577				
1502.43	0.022	197.3	0.0559				
1502.47	0.022	197.3	0.0541				
1502.50	0.021	197.2	0.0515				
1502.53	0.018	197.1	0.0488				
1502.57	0.017	197	0.047				
1502.60	0.016	196.9	0.0435				
1502.63	0.013	196.6	0.0435				
1502.67	0.011	196.5	0.0399				
1502.70	0.011	196.5	0.0373				
1502.73	0.01	196.3	0.0337				
1502.77	0.007	196	0.0293				
1502.80	0.004	195.8	0.0257				
1502.83	0.003	195.7	0.0213				
1502.87	0.001	195.3	0.0213				
1502.90	-0.002	195	0.0178				
1502.93	-0.002	195	0.0142				
1502.97	-0.003	194.8	0.0098				
1503.00	-0.005	194.5	0.0062				
1503.03	-0.007	194.2	0.0036				
1503.08	-0.008	194	0				
1503.12	-0.009	193.8	-0.0018				
1503.13	-0.011	193.5	-0.0053				
1503.17	-0.012	193.3	-0.0071				
1503.20	-0.013	193.1	-0.0098				
1503.23	-0.015	192.8	-0.0098				
1503.27	-0.015	192.8	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1503.30	-0.015	192.7	-0.0124				
1503.33	-0.016	192.5	-0.0142				
1503.37	-0.017	192.3	-0.0151				
1503.40	-0.017	192.2	-0.016				
1503.43	-0.017	192	-0.0169				
1503.47	-0.017	191.9	-0.0169				
1503.50	-0.017	191.9	-0.0169				
1503.53	-0.017	191.8	-0.0169				
1503.57	-0.017	191.8	-0.016				
1503.60	-0.016	191.7	-0.0151				
1503.63	-0.015	191.7	-0.0142				
1503.67	-0.015	191.7	-0.0133				
1503.70	-0.012	191.7	-0.0133				
1503.73	-0.012	191.7	-0.0115				
1503.77	-0.012	191.7	-0.0098				
1503.80	-0.011	191.9	-0.008				
1503.83	-0.008	191.9	-0.0053				
1503.87	-0.007	192	-0.0027				
1503.90	-0.006	192.2	0				
1503.93	-0.002	192.4	0				
1503.97	-0.002	192.4	0.0036				
1504.00	-0.002	192.5	0.0062				
1504.03	0	192.7	0.0098				
1504.07	0.004	193	0.0142				
1504.10	0.005	193.1	0.0169				
1504.13	0.006	193.4	0.0213				
1504.17	0.01	193.7	0.0213				
1504.20	0.011	193.7	0.0257				
1504.23	0.011	193.9	0.0293				
1504.27	0.013	194.1	0.0337				
1504.30	0.016	194.4	0.0373				
1504.33	0.017	194.6	0.0399				
1504.37	0.018	194.9	0.0444				
1504.40	0.021	195.2	0.0444				
1504.43	0.022	195.2	0.047				
1504.47	0.022	195.4	0.0497				
1504.50	0.023	195.7	0.0524				
1504.55	0.025	195.9	0.055				
1504.58	0.025	196.1	0.0559				
1504.60	0.026	196.3	0.0577				
1504.63	0.028	196.5	0.0595				
1504.67	0.028	196.6	0.0604				
1504.70	0.028	196.8	0.0612				
1504.73	0.029	197	0.0612				
1504.77	0.029	197	0.0621				
1504.80	0.029	197.1	0.063				
1504.83	0.029	197.2	0.063				
1504.87	0.029	197.3	0.063				
1504.90	0.028	197.4	0.063				
1504.93	0.028	197.4	0.0612				
1504.97	0.027	197.4	0.0612				
1505.00	0.025	197.4	0.0604				
1505.03	0.025	197.4	0.0586				
1505.07	0.024	197.4	0.0568				
1505.10	0.023	197.4	0.055				
1505.13	0.021	197.3	0.0533				
1505.17	0.02	197.2	0.0506				
1505.20	0.018	197.1	0.0479				
1505.23	0.016	196.9	0.0479				
1505.27	0.016	196.9	0.0453				
1505.30	0.015	196.8	0.0417				
1505.33	0.012	196.6	0.0382				
1505.37	0.01	196.4	0.0355				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1505.40	0.009	196.3	0.032				
1505.43	0.006	196	0.0284				
1505.47	0.003	195.8	0.0284				
1505.50	0.003	195.8	0.024				
1505.53	0.002	195.6	0.0204				
1505.57	0	195.2	0.016				
1505.60	-0.003	195	0.0115				
1505.63	-0.004	194.7	0.0089				
1505.67	-0.006	194.4	0.0053				
1505.70	-0.008	194.1	0.0053				
1505.73	-0.009	194.1	0.0018				
1505.77	-0.009	193.9	-0.0018				
1505.80	-0.011	193.6	-0.0044				
1505.83	-0.013	193.4	-0.0071				
1505.87	-0.013	193.2	-0.0089				
1505.90	-0.014	192.9	-0.0107				
1505.93	-0.016	192.7	-0.0107				
1505.98	-0.016	192.6	-0.0133				
1506.02	-0.016	192.4	-0.0142				
1506.03	-0.017	192.2	-0.0142				
1506.07	-0.017	192.2	-0.016				
1506.10	-0.017	192.1	-0.016				
1506.13	-0.017	192	-0.016				
1506.17	-0.017	191.9	-0.0169				
1506.20	-0.017	191.8	-0.016				
1506.23	-0.017	191.8	-0.016				
1506.27	-0.015	191.7	-0.016				
1506.30	-0.015	191.7	-0.0151				
1506.33	-0.015	191.7	-0.0142				
1506.37	-0.014	191.7	-0.0124				
1506.40	-0.012	191.8	-0.0107				
1506.43	-0.011	191.8	-0.0089				
1506.47	-0.01	191.9	-0.0071				
1506.50	-0.007	192	-0.0071				
1506.53	-0.007	192	-0.0044				
1506.57	-0.007	192.1	-0.0018				
1506.60	-0.005	192.3	0.0009				
1506.63	-0.001	192.5	0.0053				
1506.67	-0.001	192.6	0.0071				
1506.70	0.001	192.8	0.0115				
1506.73	0.005	193	0.0115				
1506.77	0.005	193	0.0151				
1506.80	0.005	193.2	0.0186				
1506.83	0.007	193.5	0.0231				
1506.87	0.011	193.8	0.0284				
1506.90	0.012	194	0.0311				
1506.93	0.014	194.2	0.0355				
1506.97	0.017	194.5	0.0355				
1507.00	0.018	194.5	0.0391				
1507.03	0.018	194.7	0.0417				
1507.07	0.019	194.9	0.0453				
1507.10	0.021	195.2	0.0479				
1507.13	0.022	195.5	0.0506				
1507.17	0.024	195.7	0.0541				
1507.20	0.025	196	0.0541				
1507.23	0.026	196.2	0.0559				
1507.27	0.026	196.2	0.0577				
1507.30	0.027	196.4	0.0595				
1507.33	0.028	196.6	0.0604				
1507.37	0.028	196.8	0.0612				
1507.40	0.029	196.9	0.0621				
1507.45	0.029	197	0.063				
1507.48	0.029	197.2	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1507.50	0.029	197.3	0.063				
1507.53	0.029	197.4	0.063				
1507.57	0.028	197.4	0.063				
1507.60	0.028	197.4	0.063				
1507.63	0.027	197.5	0.0604				
1507.67	0.026	197.4	0.0595				
1507.70	0.025	197.4	0.0577				
1507.73	0.024	197.4	0.0568				
1507.77	0.023	197.4	0.055				
1507.80	0.02	197.3	0.055				
1507.83	0.02	197.3	0.0524				
1507.87	0.02	197.2	0.0506				
1507.90	0.018	197.1	0.047				
1507.93	0.015	196.9	0.0444				
1507.97	0.014	196.8	0.0417				
1508.00	0.012	196.6	0.0373				
1508.03	0.009	196.4	0.0373				
1508.07	0.008	196.4	0.0337				
1508.10	0.008	196.2	0.0311				
1508.13	0.006	195.9	0.0275				
1508.17	0.003	195.7	0.0222				
1508.20	0.001	195.5	0.0186				
1508.23	0	195.1	0.0151				
1508.27	-0.004	194.9	0.0151				
1508.30	-0.004	194.9	0.0107				
1508.33	-0.004	194.7	0.008				
1508.37	-0.006	194.4	0.0036				
1508.40	-0.009	194.1	0				
1508.43	-0.01	193.9	-0.0027				
1508.47	-0.011	193.6	-0.0053				
1508.50	-0.014	193.3	-0.0053				
1508.53	-0.014	193.3	-0.008				
1508.57	-0.014	193.1	-0.0098				
1508.60	-0.014	192.9	-0.0115				
1508.63	-0.016	192.7	-0.0133				
1508.67	-0.017	192.5	-0.0142				
1508.70	-0.017	192.4	-0.0151				
1508.73	-0.017	192.2	-0.0151				
1508.77	-0.017	192.2	-0.016				
1508.80	-0.017	192.1	-0.0169				
1508.83	-0.017	192	-0.0169				
1508.88	-0.017	191.9	-0.0169				
1508.92	-0.017	191.8	-0.0169				
1508.95	-0.016	191.7	-0.0151				
1508.97	-0.015	191.7	-0.0142				
1509.00	-0.015	191.7	-0.0142				
1509.03	-0.014	191.7	-0.0124				
1509.07	-0.012	191.8	-0.0124				
1509.10	-0.011	191.8	-0.0107				
1509.13	-0.011	191.8	-0.0089				
1509.17	-0.009	191.9	-0.0062				
1509.20	-0.007	192.1	-0.0036				
1509.23	-0.006	192.2	-0.0009				
1509.27	-0.004	192.3	0.0027				
1509.30	-0.001	192.5	0.0027				
1509.33	0	192.5	0.0062				
1509.37	0	192.7	0.0089				
1509.40	0.002	192.9	0.0124				
1509.43	0.006	193.2	0.0169				
1509.47	0.006	193.3	0.0195				
1509.50	0.008	193.6	0.024				
1509.53	0.012	193.9	0.024				
1509.57	0.013	194.1	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1509.60	0.013	194.1	0.032				
1509.63	0.014	194.3	0.0364				
1509.67	0.017	194.6	0.0408				
1509.70	0.019	194.8	0.0426				
1509.73	0.02	195.1	0.0462				
1509.77	0.022	195.4	0.0462				
1509.80	0.023	195.7	0.0488				
1509.83	0.023	195.7	0.0515				
1509.87	0.024	195.9	0.0541				
1509.90	0.026	196.1	0.0568				
1509.93	0.027	196.3	0.0577				
1509.97	0.027	196.5	0.0595				
1510.00	0.028	196.7	0.0595				
1510.03	0.029	196.8	0.0604				
1510.07	0.029	196.8	0.0612				
1510.10	0.029	197	0.0621				
1510.13	0.029	197.1	0.0621				
1510.17	0.029	197.2	0.0621				
1510.20	0.028	197.3	0.0621				
1510.23	0.028	197.4	0.0621				
1510.27	0.027	197.4	0.0621				
1510.30	0.027	197.4	0.0612				
1510.35	0.026	197.5	0.0595				
1510.38	0.024	197.5	0.0595				
1510.40	0.024	197.5	0.0577				
1510.43	0.024	197.4	0.0568				
1510.47	0.022	197.3	0.0541				
1510.50	0.02	197.2	0.0515				
1510.53	0.019	197.2	0.0488				
1510.57	0.017	197	0.0462				
1510.60	0.014	196.9	0.0462				
1510.63	0.013	196.9	0.0426				
1510.67	0.013	196.7	0.0399				
1510.70	0.011	196.5	0.0355				
1510.73	0.007	196.3	0.032				
1510.77	0.007	196.1	0.0293				
1510.80	0.006	195.9	0.0249				
1510.83	0.001	195.6	0.0249				
1510.87	0.001	195.6	0.0204				
1510.90	0.001	195.4	0.0169				
1510.93	-0.001	195.1	0.0133				
1510.97	-0.005	194.8	0.0089				
1511.00	-0.005	194.5	0.0062				
1511.03	-0.006	194.3	0.0027				
1511.07	-0.009	194	0.0027				
1511.10	-0.011	193.7	-0.0009				
1511.13	-0.011	193.7	-0.0036				
1511.17	-0.012	193.5	-0.0062				
1511.20	-0.013	193.2	-0.0089				
1511.23	-0.014	193	-0.0107				
1511.27	-0.015	192.9	-0.0124				
1511.30	-0.016	192.6	-0.0142				
1511.33	-0.017	192.4	-0.0142				
1511.37	-0.017	192.4	-0.0151				
1511.40	-0.017	192.3	-0.016				
1511.43	-0.017	192.2	-0.016				
1511.47	-0.017	192	-0.0169				
1511.50	-0.017	191.9	-0.0169				
1511.53	-0.017	191.9	-0.0169				
1511.57	-0.016	191.8	-0.0169				
1511.60	-0.015	191.8	-0.016				
1511.63	-0.015	191.8	-0.0151				
1511.67	-0.015	191.8	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1511.70	-0.013	191.8	-0.0133				
1511.73	-0.013	191.8	-0.0115				
1511.78	-0.011	191.9	-0.0089				
1511.82	-0.01	191.9	-0.008				
1511.85	-0.009	192	-0.0053				
1511.87	-0.007	192.1	-0.0027				
1511.90	-0.004	192.3	-0.0027				
1511.93	-0.003	192.3	0				
1511.97	-0.003	192.4	0.0027				
1512.00	-0.002	192.6	0.0062				
1512.03	0.002	192.8	0.0098				
1512.07	0.003	193	0.0133				
1512.10	0.004	193.3	0.0169				
1512.13	0.009	193.5	0.0169				
1512.17	0.009	193.5	0.0222				
1512.20	0.009	193.7	0.0249				
1512.23	0.011	194	0.0293				
1512.27	0.014	194.2	0.0337				
1512.30	0.015	194.4	0.0364				
1512.33	0.017	194.7	0.0408				
1512.37	0.02	195	0.0408				
1512.40	0.021	195	0.0444				
1512.43	0.021	195.2	0.047				
1512.47	0.022	195.5	0.0497				
1512.50	0.024	195.8	0.0524				
1512.53	0.025	196	0.0541				
1512.57	0.026	196.2	0.0568				
1512.60	0.027	196.4	0.0568				
1512.63	0.027	196.4	0.0586				
1512.67	0.027	196.6	0.0595				
1512.70	0.028	196.7	0.0604				
1512.73	0.028	196.9	0.0612				
1512.77	0.029	197	0.0621				
1512.80	0.029	197.2	0.0621				
1512.83	0.029	197.3	0.0621				
1512.87	0.029	197.3	0.0621				
1512.90	0.029	197.3	0.0621				
1512.93	0.028	197.4	0.0612				
1512.97	0.027	197.4	0.0604				
1513.00	0.026	197.4	0.0595				
1513.03	0.025	197.5	0.0577				
1513.07	0.024	197.4	0.0577				
1513.10	0.022	197.3	0.0559				
1513.13	0.022	197.3	0.0541				
1513.17	0.021	197.3	0.0515				
1513.20	0.019	197.1	0.0488				
1513.25	0.016	197	0.0462				
1513.28	0.016	197	0.0444				
1513.30	0.015	196.8	0.0417				
1513.33	0.011	196.6	0.0382				
1513.37	0.01	196.5	0.0355				
1513.40	0.009	196.2	0.032				
1513.43	0.005	196	0.032				
1513.47	0.004	196	0.0275				
1513.50	0.004	195.8	0.024				
1513.53	0.003	195.5	0.0195				
1513.57	-0.001	195.2	0.0142				
1513.60	-0.002	195	0.0115				
1513.63	-0.003	194.7	0.008				
1513.67	-0.007	194.4	0.008				
1513.70	-0.008	194.4	0.0044				
1513.73	-0.008	194.2	0.0018				
1513.77	-0.009	193.9	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1513.80	-0.012	193.6	-0.0053				
1513.83	-0.012	193.4	-0.0071				
1513.87	-0.013	193.2	-0.0098				
1513.90	-0.015	192.9	-0.0098				
1513.93	-0.015	192.9	-0.0115				
1513.97	-0.015	192.8	-0.0133				
1514.00	-0.016	192.6	-0.0151				
1514.03	-0.017	192.4	-0.016				
1514.07	-0.017	192.2	-0.0169				
1514.10	-0.017	192.1	-0.0169				
1514.13	-0.017	192	-0.0169				
1514.17	-0.017	192	-0.0169				
1514.20	-0.017	191.9	-0.0169				
1514.23	-0.017	191.8	-0.0169				
1514.27	-0.016	191.8	-0.016				
1514.30	-0.015	191.8	-0.0151				
1514.33	-0.015	191.8	-0.0133				
1514.37	-0.013	191.8	-0.0133				
1514.40	-0.012	191.8	-0.0124				
1514.43	-0.012	191.8	-0.0107				
1514.47	-0.011	191.9	-0.008				
1514.50	-0.008	192	-0.0053				
1514.53	-0.007	192.1	-0.0036				
1514.57	-0.006	192.2	-0.0009				
1514.60	-0.002	192.4	-0.0009				
1514.63	-0.002	192.4	0.0027				
1514.67	-0.002	192.6	0.0053				
1514.72	0.002	192.9	0.0089				
1514.75	0.004	193.1	0.0115				
1514.77	0.004	193.1	0.0142				
1514.80	0.005	193.3	0.0186				
1514.83	0.009	193.6	0.0231				
1514.87	0.01	193.8	0.0257				
1514.90	0.012	194	0.0311				
1514.93	0.015	194.3	0.0311				
1514.97	0.016	194.6	0.0355				
1515.00	0.016	194.6	0.0382				
1515.03	0.017	194.8	0.0417				
1515.07	0.02	195.1	0.0453				
1515.10	0.022	195.4	0.0479				
1515.13	0.022	195.6	0.0506				
1515.17	0.024	195.9	0.0506				
1515.20	0.026	196.1	0.0533				
1515.23	0.026	196.1	0.055				
1515.27	0.026	196.3	0.0568				
1515.30	0.027	196.5	0.0586				
1515.33	0.028	196.7	0.0604				
1515.37	0.028	196.8	0.0612				
1515.40	0.028	197	0.0612				
1515.43	0.029	197.1	0.0612				
1515.47	0.029	197.1	0.0621				
1515.50	0.029	197.2	0.0621				
1515.53	0.029	197.3	0.0621				
1515.57	0.028	197.4	0.0621				
1515.60	0.028	197.5	0.0612				
1515.63	0.027	197.5	0.0604				
1515.67	0.025	197.5	0.0604				
1515.70	0.024	197.5	0.0586				
1515.73	0.024	197.5	0.0568				
1515.77	0.023	197.4	0.055				
1515.80	0.021	197.3	0.0533				
1515.83	0.02	197.3	0.0515				
1515.87	0.019	197.1	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1515.90	0.016	197	0.0479				
1515.93	0.015	197	0.0453				
1515.97	0.015	196.9	0.0426				
1516.00	0.013	196.7	0.0391				
1516.03	0.01	196.5	0.0355				
1516.07	0.008	196.3	0.032				
1516.10	0.007	196.1	0.0284				
1516.15	0.003	195.9	0.024				
1516.18	0.003	195.7	0.0222				
1516.22	0.002	195.5	0.0178				
1516.23	-0.002	195.1	0.0178				
1516.27	-0.003	194.9	0.0133				
1516.30	-0.003	194.9	0.0107				
1516.33	-0.005	194.6	0.0062				
1516.37	-0.007	194.3	0.0027				
1516.40	-0.009	194.1	0				
1516.43	-0.01	193.8	-0.0036				
1516.47	-0.012	193.5	-0.0036				
1516.50	-0.013	193.3	-0.0062				
1516.53	-0.013	193.3	-0.008				
1516.57	-0.014	193.1	-0.0107				
1516.60	-0.015	192.9	-0.0133				
1516.63	-0.016	192.7	-0.0142				
1516.67	-0.016	192.5	-0.0151				
1516.70	-0.017	192.3	-0.0151				
1516.73	-0.017	192.2	-0.016				
1516.77	-0.017	192.2	-0.016				
1516.80	-0.017	192.1	-0.0169				
1516.83	-0.018	191.9	-0.0178				
1516.87	-0.017	191.9	-0.0169				
1516.90	-0.016	191.8	-0.016				
1516.93	-0.016	191.8	-0.016				
1516.97	-0.015	191.8	-0.016				
1517.00	-0.015	191.8	-0.0142				
1517.03	-0.014	191.8	-0.0124				
1517.07	-0.013	191.8	-0.0115				
1517.10	-0.011	191.9	-0.0098				
1517.13	-0.01	191.9	-0.008				
1517.17	-0.009	192.1	-0.0053				
1517.20	-0.006	192.2	-0.0053				
1517.23	-0.005	192.2	-0.0027				
1517.27	-0.005	192.3	0.0009				
1517.30	-0.003	192.5	0.0036				
1517.33	0	192.7	0.0062				
1517.37	0.001	192.8	0.0098				
1517.40	0.003	193.1	0.0142				
1517.43	0.006	193.3	0.0142				
1517.47	0.007	193.3	0.0178				
1517.50	0.007	193.5	0.0213				
1517.53	0.009	193.8	0.0257				
1517.57	0.013	194.1	0.0311				
1517.62	0.013	194.3	0.0337				
1517.65	0.014	194.5	0.0355				
1517.67	0.017	194.7	0.0391				
1517.70	0.018	194.9	0.0426				
1517.73	0.02	195.2	0.0462				
1517.77	0.023	195.5	0.0462				
1517.80	0.023	195.5	0.0497				
1517.83	0.023	195.7	0.0515				
1517.87	0.024	196	0.0541				
1517.90	0.026	196.2	0.0559				
1517.93	0.026	196.4	0.0577				
1517.97	0.027	196.6	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1518.00	0.028	196.8	0.0595				
1518.03	0.029	196.8	0.0604				
1518.07	0.029	196.9	0.0612				
1518.10	0.029	197.1	0.0612				
1518.13	0.029	197.2	0.0621				
1518.17	0.029	197.3	0.0621				
1518.20	0.029	197.4	0.0621				
1518.23	0.028	197.5	0.0621				
1518.27	0.027	197.5	0.0621				
1518.30	0.027	197.5	0.0604				
1518.33	0.026	197.5	0.0595				
1518.37	0.025	197.5	0.0577				
1518.40	0.024	197.5	0.0559				
1518.43	0.023	197.4	0.0541				
1518.47	0.021	197.3	0.0541				
1518.50	0.019	197.2	0.0515				
1518.53	0.019	197.2	0.0497				
1518.57	0.018	197.2	0.047				
1518.60	0.015	197	0.0435				
1518.63	0.014	196.9	0.0417				
1518.67	0.012	196.7	0.0373				
1518.70	0.009	196.4	0.0373				
1518.73	0.007	196.3	0.0328				
1518.77	0.007	196.3	0.0302				
1518.80	0.006	196.1	0.0257				
1518.83	0.003	195.8	0.0222				
1518.87	0.001	195.6	0.0186				
1518.90	0	195.3	0.0142				
1518.93	-0.003	195	0.0142				
1518.97	-0.005	194.7	0.0098				
1519.00	-0.005	194.7	0.0062				
1519.05	-0.008	194.2	0.0036				
1519.08	-0.009	194	0.0018				
1519.12	-0.009	194	-0.0009				
1519.13	-0.01	193.8	-0.0053				
1519.17	-0.012	193.4	-0.008				
1519.20	-0.014	193.2	-0.0107				
1519.23	-0.014	193	-0.0115				
1519.27	-0.015	192.8	-0.0115				
1519.30	-0.016	192.6	-0.0133				
1519.33	-0.016	192.6	-0.0151				
1519.37	-0.016	192.5	-0.016				
1519.40	-0.017	192.3	-0.0169				
1519.43	-0.017	192.1	-0.0178				
1519.47	-0.017	192	-0.0178				
1519.50	-0.017	191.9	-0.0178				
1519.53	-0.017	191.9	-0.0178				
1519.57	-0.017	191.9	-0.0169				
1519.60	-0.016	191.8	-0.0169				
1519.63	-0.015	191.8	-0.016				
1519.67	-0.015	191.8	-0.0151				
1519.70	-0.014	191.8	-0.0133				
1519.73	-0.012	191.9	-0.0115				
1519.77	-0.01	191.9	-0.0115				
1519.80	-0.01	191.9	-0.0098				
1519.83	-0.01	192	-0.0071				
1519.87	-0.008	192.1	-0.0044				
1519.90	-0.005	192.3	-0.0018				
1519.93	-0.004	192.4	0.0009				
1519.97	-0.003	192.6	0.0044				
1520.00	0.001	192.8	0.0044				
1520.03	0.002	192.8	0.008				
1520.07	0.002	192.9	0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1520.10	0.004	193.2	0.0151				
1520.13	0.007	193.4	0.0195				
1520.17	0.008	193.6	0.0231				
1520.20	0.01	193.9	0.0275				
1520.23	0.014	194.2	0.0275				
1520.27	0.015	194.2	0.032				
1520.30	0.015	194.4	0.0346				
1520.33	0.016	194.7	0.0382				
1520.37	0.019	194.9	0.0417				
1520.40	0.019	195.1	0.0444				
1520.43	0.021	195.5	0.0479				
1520.47	0.024	195.7	0.0479				
1520.52	0.024	195.9	0.0533				
1520.55	0.025	196.1	0.0541				
1520.57	0.026	196.3	0.0541				
1520.60	0.027	196.3	0.0559				
1520.63	0.027	196.5	0.0577				
1520.67	0.027	196.7	0.0595				
1520.70	0.028	196.9	0.0604				
1520.73	0.029	197	0.0612				
1520.77	0.029	197.1	0.0612				
1520.80	0.029	197.3	0.0612				
1520.83	0.029	197.3	0.0612				
1520.87	0.029	197.4	0.0621				
1520.90	0.029	197.4	0.0612				
1520.93	0.028	197.5	0.0612				
1520.97	0.027	197.5	0.0604				
1521.00	0.026	197.5	0.0586				
1521.03	0.025	197.5	0.0586				
1521.07	0.023	197.5	0.0568				
1521.10	0.023	197.5	0.055				
1521.13	0.022	197.5	0.0533				
1521.17	0.02	197.3	0.0506				
1521.20	0.019	197.2	0.0488				
1521.23	0.017	197.1	0.0453				
1521.27	0.014	196.9	0.0453				
1521.30	0.012	196.8	0.0417				
1521.33	0.012	196.8	0.0391				
1521.37	0.011	196.6	0.0355				
1521.40	0.008	196.4	0.032				
1521.43	0.007	196.2	0.0293				
1521.47	0.005	196	0.024				
1521.50	0.002	195.7	0.024				
1521.53	0	195.4	0.0195				
1521.57	0	195.4	0.0169				
1521.60	-0.001	195.2	0.0124				
1521.63	-0.003	194.9	0.0089				
1521.67	-0.006	194.6	0.0044				
1521.70	-0.007	194.4	0.0018				
1521.73	-0.009	194.1	0.0018				
1521.77	-0.011	193.8	-0.0018				
1521.80	-0.011	193.8	-0.0044				
1521.83	-0.011	193.6	-0.0071				
1521.87	-0.013	193.3	-0.0098				
1521.90	-0.015	193.1	-0.0115				
1521.93	-0.015	192.9	-0.0133				
1521.98	-0.016	192.7	-0.0142				
1522.02	-0.016	192.5	-0.0151				
1522.03	-0.017	192.4	-0.016				
1522.07	-0.017	192.2	-0.0169				
1522.10	-0.017	192.1	-0.0169				
1522.13	-0.017	192.1	-0.0178				
1522.17	-0.017	192	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1522.20	-0.017	191.9	-0.0178				
1522.23	-0.016	191.9	-0.0169				
1522.27	-0.016	191.8	-0.016				
1522.30	-0.015	191.8	-0.0151				
1522.33	-0.014	191.8	-0.0151				
1522.37	-0.013	191.8	-0.0142				
1522.40	-0.013	191.8	-0.0124				
1522.43	-0.012	191.9	-0.0107				
1522.47	-0.01	192	-0.008				
1522.50	-0.009	192	-0.0062				
1522.53	-0.007	192.2	-0.0036				
1522.57	-0.004	192.3	-0.0036				
1522.60	-0.003	192.3	0				
1522.63	-0.003	192.4	0.0027				
1522.67	-0.002	192.7	0.0062				
1522.70	0.002	192.9	0.0098				
1522.73	0.003	193	0.0133				
1522.77	0.004	193.3	0.0169				
1522.80	0.009	193.5	0.0169				
1522.83	0.009	193.5	0.0213				
1522.87	0.009	193.7	0.024				
1522.90	0.011	194	0.0284				
1522.93	0.014	194.2	0.0328				
1522.97	0.015	194.5	0.0364				
1523.00	0.016	194.7	0.0399				
1523.03	0.02	195	0.0399				
1523.07	0.021	195	0.0444				
1523.10	0.021	195.2	0.0462				
1523.13	0.021	195.5	0.0488				
1523.17	0.024	195.8	0.0524				
1523.20	0.025	196	0.0541				
1523.23	0.025	196.2	0.0559				
1523.27	0.027	196.4	0.0559				
1523.30	0.027	196.6	0.0577				
1523.33	0.027	196.6	0.0586				
1523.37	0.028	196.8	0.0604				
1523.42	0.029	197.1	0.0612				
1523.45	0.029	197.1	0.0612				
1523.47	0.029	197.2	0.0612				
1523.50	0.029	197.3	0.0621				
1523.53	0.029	197.4	0.0621				
1523.57	0.028	197.5	0.0621				
1523.60	0.028	197.5	0.0604				
1523.63	0.026	197.5	0.0604				
1523.67	0.025	197.5	0.0595				
1523.70	0.025	197.5	0.0586				
1523.73	0.024	197.5	0.0568				
1523.77	0.023	197.5	0.055				
1523.80	0.022	197.4	0.0533				
1523.83	0.02	197.3	0.0506				
1523.87	0.017	197.2	0.0506				
1523.90	0.017	197.2	0.047				
1523.93	0.017	197.1	0.0453				
1523.97	0.015	196.9	0.0408				
1524.00	0.011	196.7	0.0373				
1524.03	0.01	196.6	0.0346				
1524.07	0.009	196.3	0.0311				
1524.10	0.005	196.1	0.0311				
1524.13	0.004	196.1	0.0257				
1524.17	0.004	195.9	0.0231				
1524.20	0.003	195.6	0.0186				
1524.23	-0.001	195.3	0.0142				
1524.27	-0.002	195.1	0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1524.30	-0.003	194.8	0.008				
1524.33	-0.007	194.5	0.008				
1524.37	-0.007	194.5	0.0036				
1524.40	-0.007	194.3	0.0009				
1524.43	-0.009	194	-0.0027				
1524.47	-0.012	193.7	-0.0053				
1524.50	-0.012	193.5	-0.008				
1524.53	-0.013	193.3	-0.0098				
1524.57	-0.015	193	-0.0098				
1524.60	-0.016	193	-0.0124				
1524.63	-0.016	192.8	-0.0142				
1524.67	-0.016	192.6	-0.0151				
1524.70	-0.017	192.5	-0.016				
1524.73	-0.017	192.3	-0.0169				
1524.77	-0.017	192.2	-0.0178				
1524.80	-0.017	192.1	-0.0178				
1524.83	-0.017	192.1	-0.0178				
1524.88	-0.017	191.9	-0.0169				
1524.92	-0.016	191.8	-0.0169				
1524.93	-0.016	191.8	-0.0169				
1524.97	-0.016	191.8	-0.016				
1525.00	-0.015	191.8	-0.0151				
1525.03	-0.013	191.8	-0.0133				
1525.07	-0.013	191.8	-0.0124				
1525.10	-0.012	191.9	-0.0098				
1525.13	-0.009	192	-0.0098				
1525.17	-0.008	192	-0.0071				
1525.20	-0.008	192.1	-0.0053				
1525.23	-0.007	192.2	-0.0027				
1525.27	-0.004	192.4	0.0009				
1525.30	-0.003	192.5	0.0027				
1525.33	-0.001	192.7	0.008				
1525.37	0.002	193	0.008				
1525.40	0.004	193.1	0.0115				
1525.43	0.004	193.1	0.0142				
1525.47	0.005	193.3	0.0186				
1525.50	0.009	193.6	0.0222				
1525.53	0.011	193.9	0.0257				
1525.57	0.012	194	0.0302				
1525.60	0.014	194.4	0.0346				
1525.63	0.016	194.6	0.0346				
1525.67	0.016	194.6	0.0373				
1525.70	0.017	194.8	0.0408				
1525.73	0.019	195.2	0.0444				
1525.77	0.022	195.4	0.0479				
1525.80	0.023	195.6	0.0497				
1525.83	0.023	195.9	0.0524				
1525.87	0.026	196.1	0.0524				
1525.90	0.026	196.1	0.055				
1525.93	0.026	196.3	0.0559				
1525.97	0.027	196.5	0.0577				
1526.00	0.028	196.7	0.0595				
1526.03	0.028	196.9	0.0604				
1526.07	0.028	197	0.0604				
1526.10	0.029	197.1	0.0604				
1526.13	0.029	197.1	0.0612				
1526.17	0.029	197.3	0.0612				
1526.20	0.029	197.4	0.0612				
1526.23	0.028	197.5	0.0612				
1526.27	0.028	197.5	0.0612				
1526.32	0.027	197.5	0.0595				
1526.35	0.026	197.6	0.0586				
1526.38	0.025	197.5	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1526.40	0.024	197.5	0.055				
1526.43	0.022	197.4	0.055				
1526.47	0.021	197.4	0.0533				
1526.50	0.021	197.4	0.0515				
1526.53	0.02	197.3	0.0479				
1526.57	0.016	197.1	0.0453				
1526.60	0.015	197	0.0435				
1526.63	0.014	196.9	0.0391				
1526.67	0.01	196.6	0.0391				
1526.70	0.009	196.6	0.0355				
1526.73	0.009	196.5	0.0328				
1526.77	0.008	196.3	0.0293				
1526.80	0.005	196	0.0249				
1526.83	0.003	195.8	0.0213				
1526.87	0.002	195.6	0.0169				
1526.90	-0.002	195.2	0.0169				
1526.93	-0.003	195	0.0124				
1526.97	-0.003	195	0.0098				
1527.00	-0.004	194.7	0.0062				
1527.03	-0.007	194.4	0.0027				
1527.07	-0.009	194.2	-0.0009				
1527.10	-0.01	193.9	-0.0044				
1527.13	-0.012	193.6	-0.0044				
1527.17	-0.013	193.4	-0.0071				
1527.20	-0.013	193.4	-0.0098				
1527.23	-0.013	193.2	-0.0115				
1527.27	-0.015	192.9	-0.0133				
1527.30	-0.016	192.7	-0.0151				
1527.33	-0.016	192.6	-0.016				
1527.37	-0.017	192.4	-0.016				
1527.40	-0.017	192.3	-0.0169				
1527.43	-0.017	192.3	-0.0178				
1527.47	-0.017	192.1	-0.0178				
1527.50	-0.017	192	-0.0178				
1527.53	-0.017	192	-0.0178				
1527.57	-0.016	191.9	-0.0178				
1527.60	-0.016	191.8	-0.0169				
1527.63	-0.015	191.9	-0.0169				
1527.67	-0.014	191.9	-0.016				
1527.70	-0.014	191.8	-0.0151				
1527.73	-0.013	191.9	-0.0133				
1527.78	-0.011	191.9	-0.0115				
1527.82	-0.011	191.9	-0.0098				
1527.83	-0.01	192.1	-0.008				
1527.87	-0.007	192.2	-0.0044				
1527.90	-0.006	192.3	-0.0027				
1527.93	-0.004	192.5	0.0009				
1527.97	-0.001	192.7	0.0009				
1528.00	0	192.7	0.0044				
1528.03	0	192.8	0.008				
1528.07	0.002	193	0.0115				
1528.10	0.005	193.3	0.0151				
1528.13	0.006	193.4	0.0186				
1528.17	0.008	193.7	0.0231				
1528.20	0.012	194	0.0231				
1528.23	0.013	194	0.0284				
1528.27	0.013	194.2	0.0311				
1528.30	0.014	194.4	0.0346				
1528.33	0.018	194.7	0.0391				
1528.37	0.018	194.9	0.0417				
1528.40	0.02	195.2	0.0453				
1528.43	0.023	195.5	0.0453				
1528.47	0.023	195.5	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1528.50	0.023	195.7	0.0497				
1528.53	0.024	196	0.0533				
1528.57	0.026	196.2	0.055				
1528.60	0.027	196.4	0.0568				
1528.63	0.027	196.6	0.0577				
1528.67	0.028	196.8	0.0577				
1528.70	0.029	196.9	0.0595				
1528.73	0.029	196.9	0.0604				
1528.77	0.029	197.1	0.0612				
1528.80	0.029	197.2	0.0612				
1528.83	0.029	197.3	0.0612				
1528.87	0.029	197.4	0.0612				
1528.90	0.028	197.5	0.0612				
1528.93	0.027	197.5	0.0612				
1528.97	0.027	197.5	0.0595				
1529.00	0.027	197.6	0.0586				
1529.03	0.026	197.5	0.0577				
1529.07	0.024	197.5	0.0559				
1529.10	0.023	197.5	0.0541				
1529.13	0.022	197.4	0.0515				
1529.17	0.019	197.3	0.0515				
1529.22	0.018	197.2	0.0479				
1529.25	0.017	197.1	0.0453				
1529.28	0.014	196.9	0.0453				
1529.30	0.013	196.9	0.0417				
1529.33	0.013	196.8	0.0391				
1529.37	0.011	196.6	0.0355				
1529.40	0.008	196.4	0.0311				
1529.43	0.007	196.2	0.0284				
1529.47	0.005	195.9	0.0231				
1529.50	0.001	195.7	0.0231				
1529.53	0.001	195.7	0.0186				
1529.57	0.001	195.5	0.016				
1529.60	-0.001	195.1	0.0115				
1529.63	-0.005	194.8	0.008				
1529.67	-0.005	194.6	0.0044				
1529.70	-0.007	194.3	0.0009				
1529.73	-0.01	194	0.0009				
1529.77	-0.01	194	-0.0027				
1529.80	-0.01	193.9	-0.0053				
1529.83	-0.012	193.5	-0.008				
1529.87	-0.014	193.3	-0.0107				
1529.90	-0.014	193.1	-0.0124				
1529.93	-0.015	192.9	-0.0142				
1529.97	-0.016	192.7	-0.0142				
1530.00	-0.016	192.7	-0.0151				
1530.03	-0.016	192.5	-0.016				
1530.07	-0.017	192.4	-0.0169				
1530.10	-0.017	192.2	-0.0178				
1530.13	-0.017	192.1	-0.0178				
1530.17	-0.017	192	-0.0178				
1530.20	-0.017	191.9	-0.0178				
1530.23	-0.017	191.9	-0.0178				
1530.27	-0.017	191.9	-0.0178				
1530.30	-0.016	191.8	-0.016				
1530.33	-0.014	191.9	-0.0142				
1530.37	-0.013	191.9	-0.0133				
1530.40	-0.013	191.9	-0.0124				
1530.43	-0.011	192	-0.0098				
1530.47	-0.009	192.1	-0.0098				
1530.50	-0.009	192.1	-0.008				
1530.53	-0.008	192.2	-0.0053				
1530.57	-0.006	192.3	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1530.60	-0.004	192.5	0.0009				
1530.63	-0.002	192.6	0.0036				
1530.68	0	192.8	0.0071				
1530.72	0.001	192.9	0.0089				
1530.73	0.002	193.1	0.0124				
1530.77	0.005	193.4	0.0169				
1530.80	0.008	193.6	0.0169				
1530.83	0.009	193.6	0.0204				
1530.87	0.009	193.8	0.024				
1530.90	0.011	194.1	0.0284				
1530.93	0.014	194.4	0.0328				
1530.97	0.015	194.6	0.0364				
1531.00	0.017	194.9	0.0399				
1531.03	0.02	195.1	0.0399				
1531.07	0.02	195.1	0.0435				
1531.10	0.02	195.3	0.0462				
1531.13	0.022	195.7	0.0488				
1531.17	0.024	195.9	0.0515				
1531.20	0.025	196.1	0.0533				
1531.23	0.026	196.3	0.0559				
1531.27	0.027	196.5	0.0559				
1531.30	0.028	196.5	0.0577				
1531.33	0.028	196.7	0.0586				
1531.37	0.028	196.8	0.0595				
1531.40	0.028	197	0.0604				
1531.43	0.029	197.2	0.0612				
1531.47	0.029	197.3	0.0612				
1531.50	0.029	197.4	0.0612				
1531.53	0.029	197.4	0.0612				
1531.57	0.029	197.5	0.0612				
1531.60	0.028	197.5	0.0604				
1531.63	0.027	197.5	0.0595				
1531.67	0.026	197.6	0.0586				
1531.70	0.025	197.6	0.0568				
1531.73	0.023	197.5	0.0568				
1531.77	0.022	197.4	0.0541				
1531.80	0.022	197.4	0.0533				
1531.83	0.021	197.4	0.0506				
1531.87	0.019	197.2	0.0479				
1531.90	0.017	197.1	0.0453				
1531.93	0.016	197	0.0417				
1531.97	0.013	196.8	0.0417				
1532.00	0.011	196.6	0.0382				
1532.03	0.011	196.6	0.0355				
1532.07	0.01	196.5	0.032				
1532.10	0.007	196.2	0.0284				
1532.15	0.005	196	0.024				
1532.18	0.004	195.9	0.0213				
1532.20	0.002	195.6	0.0178				
1532.23	-0.001	195.3	0.0142				
1532.27	-0.002	195.1	0.0098				
1532.30	-0.004	194.7	0.0062				
1532.33	-0.007	194.5	0.0062				
1532.37	-0.008	194.5	0.0027				
1532.40	-0.008	194.3	0.0009				
1532.43	-0.009	194	-0.0027				
1532.47	-0.012	193.7	-0.0062				
1532.50	-0.012	193.5	-0.008				
1532.53	-0.013	193.3	-0.0115				
1532.57	-0.015	193	-0.0115				
1532.60	-0.015	193	-0.0133				
1532.63	-0.015	192.9	-0.0142				
1532.67	-0.016	192.7	-0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1532.70	-0.017	192.5	-0.0169				
1532.73	-0.017	192.3	-0.0169				
1532.77	-0.017	192.2	-0.0178				
1532.80	-0.017	192.1	-0.0178				
1532.83	-0.017	192.1	-0.0186				
1532.87	-0.017	192	-0.0186				
1532.90	-0.017	191.9	-0.0178				
1532.93	-0.016	191.9	-0.0169				
1532.97	-0.015	191.9	-0.016				
1533.00	-0.015	191.9	-0.0151				
1533.03	-0.013	191.9	-0.0151				
1533.07	-0.012	191.9	-0.0133				
1533.10	-0.012	191.9	-0.0115				
1533.13	-0.011	192	-0.0089				
1533.17	-0.008	192.1	-0.0071				
1533.20	-0.007	192.2	-0.0053				
1533.23	-0.006	192.3	-0.0018				
1533.27	-0.002	192.5	-0.0018				
1533.30	-0.002	192.5	0.0018				
1533.33	-0.002	192.6	0.0044				
1533.37	0	192.8	0.008				
1533.40	0.003	193.1	0.0124				
1533.43	0.005	193.3	0.0151				
1533.47	0.006	193.5	0.0195				
1533.50	0.01	193.8	0.0195				
1533.53	0.011	194	0.024				
1533.58	0.013	194.2	0.0302				
1533.62	0.014	194.4	0.0302				
1533.65	0.016	194.7	0.0328				
1533.67	0.016	194.7	0.0364				
1533.70	0.017	194.9	0.0408				
1533.73	0.02	195.2	0.0444				
1533.77	0.022	195.5	0.047				
1533.80	0.022	195.7	0.0497				
1533.83	0.024	196	0.0497				
1533.87	0.025	196.2	0.0524				
1533.90	0.025	196.2	0.0541				
1533.93	0.026	196.4	0.0568				
1533.97	0.027	196.6	0.0586				
1534.00	0.028	196.8	0.0595				
1534.03	0.028	196.9	0.0604				
1534.07	0.029	197.1	0.0604				
1534.10	0.029	197.2	0.0612				
1534.13	0.029	197.2	0.0612				
1534.17	0.029	197.3	0.0612				
1534.20	0.029	197.4	0.0612				
1534.23	0.028	197.5	0.0612				
1534.27	0.028	197.6	0.0604				
1534.30	0.027	197.6	0.0604				
1534.33	0.025	197.6	0.0586				
1534.37	0.025	197.6	0.0577				
1534.40	0.025	197.6	0.0559				
1534.43	0.023	197.5	0.0541				
1534.47	0.021	197.4	0.0524				
1534.50	0.02	197.4	0.0488				
1534.53	0.018	197.2	0.0462				
1534.57	0.016	197.1	0.0462				
1534.60	0.016	197.1	0.0435				
1534.63	0.015	197	0.0408				
1534.67	0.013	196.7	0.0373				
1534.70	0.01	196.6	0.0346				
1534.73	0.009	196.4	0.0311				
1534.77	0.006	196.1	0.0257				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1534.80	0.004	195.9	0.0257				
1534.83	0.004	195.9	0.0222				
1534.87	0.002	195.7	0.0186				
1534.90	0	195.4	0.0142				
1534.93	-0.003	195.1	0.0107				
1534.97	-0.004	194.9	0.008				
1535.00	-0.005	194.6	0.0036				
1535.05	-0.008	194.3	0.0009				
1535.08	-0.008	194.1	-0.0009				
1535.10	-0.01	193.9	-0.0044				
1535.13	-0.012	193.6	-0.0044				
1535.17	-0.013	193.6	-0.0071				
1535.20	-0.013	193.4	-0.0098				
1535.23	-0.014	193.1	-0.0115				
1535.27	-0.015	192.9	-0.0133				
1535.30	-0.015	192.8	-0.0151				
1535.33	-0.016	192.5	-0.016				
1535.37	-0.017	192.4	-0.016				
1535.40	-0.017	192.4	-0.0178				
1535.43	-0.017	192.2	-0.0178				
1535.47	-0.017	192.2	-0.0178				
1535.50	-0.017	192.1	-0.0178				
1535.53	-0.017	192	-0.0178				
1535.57	-0.017	191.9	-0.0169				
1535.60	-0.015	191.9	-0.0169				
1535.63	-0.015	191.9	-0.016				
1535.67	-0.015	191.9	-0.016				
1535.70	-0.014	191.9	-0.0142				
1535.73	-0.012	191.9	-0.0124				
1535.77	-0.011	192	-0.0107				
1535.80	-0.01	192.1	-0.008				
1535.83	-0.007	192.2	-0.008				
1535.87	-0.006	192.2	-0.0053				
1535.90	-0.006	192.3	-0.0036				
1535.93	-0.005	192.4	0				
1535.97	-0.002	192.6	0.0036				
1536.00	-0.001	192.7	0.0062				
1536.03	0.001	193	0.0098				
1536.07	0.005	193.2	0.0098				
1536.10	0.006	193.2	0.0142				
1536.13	0.006	193.4	0.0169				
1536.17	0.007	193.6	0.0213				
1536.20	0.011	193.9	0.0257				
1536.23	0.012	194.1	0.0293				
1536.27	0.013	194.3	0.0328				
1536.30	0.016	194.6	0.0328				
1536.33	0.018	194.9	0.0373				
1536.37	0.018	194.9	0.0399				
1536.40	0.019	195.1	0.0444				
1536.43	0.021	195.5	0.047				
1536.48	0.023	195.7	0.0497				
1536.52	0.023	195.9	0.0515				
1536.55	0.025	196.1	0.0533				
1536.57	0.026	196.3	0.055				
1536.60	0.026	196.5	0.0577				
1536.63	0.027	196.7	0.0577				
1536.67	0.028	196.9	0.0586				
1536.70	0.028	196.9	0.0595				
1536.73	0.028	197.1	0.0612				
1536.77	0.029	197.2	0.0612				
1536.80	0.029	197.3	0.0612				
1536.83	0.029	197.4	0.0612				
1536.87	0.029	197.5	0.0612				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1536.90	0.028	197.6	0.0612				
1536.93	0.028	197.6	0.0604				
1536.97	0.027	197.6	0.0595				
1537.00	0.026	197.6	0.0577				
1537.03	0.025	197.6	0.0568				
1537.07	0.024	197.6	0.055				
1537.10	0.023	197.5	0.0533				
1537.13	0.021	197.4	0.0533				
1537.17	0.019	197.4	0.0506				
1537.20	0.019	197.4	0.0488				
1537.23	0.018	197.2	0.0453				
1537.27	0.015	197	0.0426				
1537.30	0.014	196.9	0.0399				
1537.33	0.012	196.7	0.0364				
1537.37	0.009	196.5	0.0364				
1537.40	0.008	196.5	0.0328				
1537.43	0.008	196.3	0.0302				
1537.47	0.006	196.1	0.0249				
1537.50	0.002	195.8	0.0204				
1537.53	0.002	195.6	0.0178				
1537.57	0	195.3	0.0124				
1537.60	-0.004	195	0.0124				
1537.63	-0.004	195	0.0089				
1537.67	-0.004	194.8	0.0062				
1537.70	-0.006	194.5	0.0027				
1537.73	-0.009	194.2	-0.0018				
1537.77	-0.009	194	-0.0036				
1537.80	-0.011	193.7	-0.0071				
1537.83	-0.014	193.4	-0.0071				
1537.87	-0.014	193.4	-0.0098				
1537.90	-0.014	193.3	-0.0115				
1537.95	-0.015	192.8	-0.0133				
1537.98	-0.016	192.8	-0.0142				
1538.00	-0.016	192.7	-0.0151				
1538.03	-0.016	192.5	-0.0169				
1538.07	-0.017	192.3	-0.0178				
1538.10	-0.017	192.2	-0.0178				
1538.13	-0.017	192.1	-0.0178				
1538.17	-0.017	192	-0.0178				
1538.20	-0.017	191.9	-0.0178				
1538.23	-0.017	191.9	-0.0178				
1538.27	-0.016	191.9	-0.0169				
1538.30	-0.015	191.9	-0.016				
1538.33	-0.014	191.9	-0.0151				
1538.37	-0.014	191.8	-0.0133				
1538.40	-0.012	191.9	-0.0133				
1538.43	-0.01	192	-0.0115				
1538.47	-0.01	192	-0.0098				
1538.50	-0.01	192	-0.0071				
1538.53	-0.007	192.2	-0.0053				
1538.57	-0.005	192.3	-0.0018				
1538.60	-0.004	192.4	0.0009				
1538.63	-0.002	192.7	0.0009				
1538.67	0.001	192.8	0.0044				
1538.70	0.001	192.8	0.0071				
1538.73	0.002	193	0.0107				
1538.77	0.004	193.3	0.0151				
1538.80	0.007	193.5	0.0186				
1538.83	0.008	193.7	0.0222				
1538.87	0.01	194	0.0257				
1538.90	0.013	194.2	0.0257				
1538.93	0.014	194.2	0.0311				
1538.97	0.014	194.4	0.0346				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1539.00	0.016	194.7	0.0382				
1539.03	0.019	195	0.0417				
1539.07	0.02	195.2	0.0435				
1539.10	0.021	195.6	0.0479				
1539.13	0.024	195.8	0.0479				
1539.17	0.024	195.8	0.0506				
1539.20	0.024	196	0.0524				
1539.23	0.025	196.2	0.0541				
1539.27	0.027	196.5	0.0568				
1539.30	0.027	196.6	0.0577				
1539.33	0.028	196.8	0.0595				
1539.38	0.028	197	0.0604				
1539.42	0.028	197.1	0.0604				
1539.45	0.029	197.2	0.0612				
1539.47	0.029	197.3	0.0612				
1539.50	0.029	197.3	0.0612				
1539.53	0.029	197.4	0.0612				
1539.57	0.029	197.5	0.0612				
1539.60	0.028	197.6	0.0604				
1539.63	0.027	197.6	0.0595				
1539.67	0.026	197.6	0.0577				
1539.70	0.025	197.6	0.0577				
1539.73	0.023	197.6	0.0559				
1539.77	0.023	197.5	0.055				
1539.80	0.023	197.5	0.0524				
1539.83	0.02	197.4	0.0497				
1539.87	0.018	197.3	0.0479				
1539.90	0.017	197.2	0.0453				
1539.93	0.015	197	0.0453				
1539.97	0.012	196.8	0.0417				
1540.00	0.012	196.8	0.0382				
1540.03	0.011	196.7	0.0355				
1540.07	0.009	196.4	0.0311				
1540.10	0.006	196.2	0.0284				
1540.13	0.005	196.1	0.0231				
1540.17	0.002	195.7	0.0231				
1540.20	0	195.5	0.0186				
1540.23	0	195.5	0.016				
1540.27	-0.001	195.3	0.0115				
1540.30	-0.004	194.9	0.008				
1540.33	-0.006	194.7	0.0053				
1540.37	-0.006	194.4	0.0018				
1540.40	-0.009	194.1	0.0018				
1540.43	-0.011	193.9	-0.0027				
1540.47	-0.011	193.9	-0.0053				
1540.50	-0.012	193.7	-0.008				
1540.53	-0.013	193.4	-0.0107				
1540.57	-0.014	193.2	-0.0124				
1540.60	-0.015	193	-0.0142				
1540.63	-0.016	192.7	-0.016				
1540.67	-0.017	192.6	-0.016				
1540.70	-0.017	192.6	-0.0169				
1540.73	-0.017	192.4	-0.0169				
1540.77	-0.017	192.3	-0.0178				
1540.80	-0.017	192.2	-0.0178				
1540.85	-0.017	192.1	-0.0178				
1540.88	-0.017	192	-0.0178				
1540.90	-0.017	191.9	-0.0178				
1540.93	-0.016	191.9	-0.0169				
1540.97	-0.015	191.8	-0.016				
1541.00	-0.014	191.9	-0.016				
1541.03	-0.013	191.9	-0.0151				
1541.07	-0.013	191.9	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1541.10	-0.012	192	-0.0115				
1541.13	-0.009	192	-0.0089				
1541.17	-0.009	192.1	-0.0071				
1541.20	-0.007	192.3	-0.0036				
1541.23	-0.004	192.4	-0.0036				
1541.27	-0.003	192.4	-0.0009				
1541.30	-0.003	192.5	0.0018				
1541.33	-0.002	192.7	0.0053				
1541.37	0.002	192.9	0.0089				
1541.40	0.003	193.1	0.0124				
1541.43	0.004	193.4	0.016				
1541.47	0.008	193.6	0.016				
1541.50	0.009	193.6	0.0204				
1541.53	0.009	193.8	0.024				
1541.57	0.011	194.1	0.0284				
1541.60	0.014	194.3	0.0328				
1541.63	0.015	194.5	0.0355				
1541.67	0.016	194.8	0.0391				
1541.70	0.02	195.1	0.0391				
1541.73	0.02	195.1	0.0435				
1541.77	0.02	195.3	0.0453				
1541.80	0.022	195.6	0.0488				
1541.83	0.024	195.9	0.0515				
1541.87	0.025	196.1	0.0533				
1541.90	0.025	196.3	0.055				
1541.93	0.027	196.5	0.055				
1541.97	0.028	196.5	0.0577				
1542.00	0.028	196.7	0.0586				
1542.03	0.029	196.9	0.0604				
1542.07	0.028	197	0.0604				
1542.10	0.028	197.1	0.0604				
1542.13	0.029	197.3	0.0612				
1542.17	0.029	197.4	0.0612				
1542.20	0.029	197.5	0.0612				
1542.23	0.029	197.5	0.0612				
1542.27	0.028	197.5	0.0604				
1542.32	0.026	197.6	0.0595				
1542.35	0.026	197.6	0.0586				
1542.37	0.025	197.6	0.0577				
1542.40	0.024	197.6	0.055				
1542.43	0.023	197.5	0.0541				
1542.47	0.021	197.5	0.0515				
1542.50	0.02	197.3	0.0488				
1542.53	0.017	197.2	0.0488				
1542.57	0.017	197.2	0.0462				
1542.60	0.016	197.1	0.0435				
1542.63	0.014	196.9	0.0399				
1542.67	0.011	196.7	0.0373				
1542.70	0.01	196.6	0.0337				
1542.73	0.009	196.3	0.0302				
1542.77	0.005	196.1	0.0302				
1542.80	0.004	196.1	0.0257				
1542.83	0.004	196	0.0222				
1542.87	0.002	195.7	0.0186				
1542.90	-0.001	195.4	0.0142				
1542.93	-0.002	195.1	0.0107				
1542.97	-0.004	194.8	0.0071				
1543.00	-0.007	194.5	0.0071				
1543.03	-0.007	194.5	0.0027				
1543.07	-0.007	194.3	0				
1543.10	-0.009	194	-0.0036				
1543.13	-0.012	193.7	-0.0062				
1543.17	-0.012	193.6	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1543.20	-0.013	193.3	-0.0107				
1543.23	-0.015	193.1	-0.0107				
1543.27	-0.015	193.1	-0.0133				
1543.30	-0.015	192.9	-0.0142				
1543.33	-0.016	192.7	-0.016				
1543.37	-0.017	192.5	-0.0169				
1543.40	-0.017	192.4	-0.0169				
1543.43	-0.017	192.2	-0.0178				
1543.47	-0.017	192.1	-0.0178				
1543.50	-0.017	192.1	-0.0178				
1543.53	-0.017	192	-0.0178				
1543.57	-0.017	192	-0.0178				
1543.60	-0.016	191.9	-0.0169				
1543.63	-0.015	191.9	-0.016				
1543.67	-0.015	191.9	-0.0142				
1543.70	-0.012	191.9	-0.0142				
1543.75	-0.012	191.9	-0.0124				
1543.78	-0.012	191.9	-0.0107				
1543.82	-0.009	192.1	-0.0107				
1543.83	-0.008	192.1	-0.008				
1543.87	-0.008	192.1	-0.0053				
1543.90	-0.007	192.3	-0.0027				
1543.93	-0.003	192.5	0.0009				
1543.97	-0.002	192.6	0.0036				
1544.00	-0.001	192.8	0.0071				
1544.03	0.003	193	0.0071				
1544.07	0.004	193	0.0107				
1544.10	0.004	193.2	0.0142				
1544.13	0.005	193.4	0.0178				
1544.17	0.009	193.7	0.0222				
1544.20	0.01	193.9	0.0249				
1544.23	0.011	194.1	0.0302				
1544.27	0.015	194.4	0.0302				
1544.30	0.016	194.4	0.0346				
1544.33	0.016	194.7	0.0373				
1544.37	0.017	194.9	0.0408				
1544.40	0.02	195.2	0.0453				
1544.43	0.021	195.5	0.047				
1544.47	0.022	195.7	0.0497				
1544.50	0.024	196	0.0497				
1544.53	0.026	196.2	0.0524				
1544.57	0.026	196.2	0.055				
1544.60	0.026	196.4	0.0568				
1544.63	0.027	196.6	0.0586				
1544.67	0.028	196.8	0.0595				
1544.70	0.028	196.9	0.0604				
1544.73	0.029	197.1	0.0604				
1544.77	0.029	197.2	0.0612				
1544.80	0.029	197.2	0.0612				
1544.83	0.029	197.4	0.0621				
1544.87	0.029	197.5	0.0621				
1544.90	0.028	197.5	0.0612				
1544.93	0.027	197.6	0.0604				
1544.97	0.027	197.6	0.0595				
1545.00	0.025	197.6	0.0595				
1545.03	0.024	197.6	0.0577				
1545.07	0.024	197.6	0.0568				
1545.10	0.023	197.5	0.0541				
1545.13	0.021	197.5	0.0524				
1545.17	0.02	197.4	0.0497				
1545.22	0.019	197.3	0.047				
1545.25	0.017	197.2	0.0453				
1545.27	0.016	197.1	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1545.30	0.014	196.9	0.0399				
1545.33	0.01	196.7	0.0399				
1545.37	0.01	196.7	0.0355				
1545.40	0.01	196.6	0.0328				
1545.43	0.008	196.3	0.0284				
1545.47	0.004	196.1	0.024				
1545.50	0.003	195.9	0.0204				
1545.53	0.002	195.6	0.0169				
1545.57	-0.002	195.2	0.0169				
1545.60	-0.003	195.2	0.0124				
1545.63	-0.003	195	0.0098				
1545.67	-0.005	194.7	0.0053				
1545.70	-0.007	194.5	0.0018				
1545.73	-0.009	194.2	-0.0009				
1545.77	-0.009	194	-0.0036				
1545.80	-0.012	193.7	-0.0036				
1545.83	-0.013	193.7	-0.0071				
1545.87	-0.013	193.5	-0.0089				
1545.90	-0.014	193.2	-0.0115				
1545.93	-0.015	193	-0.0133				
1545.97	-0.016	192.8	-0.0142				
1546.00	-0.016	192.6	-0.016				
1546.03	-0.017	192.5	-0.016				
1546.07	-0.017	192.5	-0.0169				
1546.10	-0.017	192.3	-0.0178				
1546.13	-0.017	192.2	-0.0178				
1546.17	-0.017	192.1	-0.0178				
1546.20	-0.017	192	-0.0178				
1546.23	-0.016	191.9	-0.0169				
1546.27	-0.016	191.9	-0.0169				
1546.30	-0.015	191.9	-0.016				
1546.33	-0.015	191.9	-0.0151				
1546.37	-0.014	191.9	-0.0142				
1546.40	-0.012	192	-0.0124				
1546.43	-0.011	192	-0.0107				
1546.47	-0.01	192	-0.008				
1546.50	-0.008	192.2	-0.0062				
1546.53	-0.006	192.3	-0.0062				
1546.57	-0.005	192.3	-0.0036				
1546.60	-0.005	192.4	-0.0009				
1546.65	-0.001	192.7	0.0027				
1546.68	0	192.7	0.0044				
1546.72	0	192.9	0.008				
1546.73	0.002	193.1	0.0115				
1546.77	0.005	193.4	0.016				
1546.80	0.006	193.5	0.0186				
1546.83	0.008	193.8	0.0231				
1546.87	0.012	194.1	0.0231				
1546.90	0.013	194.1	0.0284				
1546.93	0.013	194.2	0.0311				
1546.97	0.014	194.5	0.0346				
1547.00	0.018	194.8	0.0391				
1547.03	0.018	195	0.0417				
1547.07	0.019	195.3	0.0444				
1547.10	0.022	195.6	0.0444				
1547.13	0.023	195.6	0.0479				
1547.17	0.023	195.8	0.0506				
1547.20	0.024	196.1	0.0533				
1547.23	0.026	196.3	0.0559				
1547.27	0.026	196.5	0.0568				
1547.30	0.027	196.7	0.0586				
1547.33	0.028	196.9	0.0586				
1547.37	0.029	196.9	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1547.40	0.029	197	0.0604				
1547.43	0.029	197.2	0.0612				
1547.47	0.029	197.3	0.0612				
1547.50	0.029	197.4	0.0612				
1547.53	0.029	197.5	0.0612				
1547.57	0.028	197.6	0.0612				
1547.60	0.027	197.6	0.0612				
1547.63	0.027	197.6	0.0595				
1547.67	0.026	197.6	0.0586				
1547.70	0.025	197.6	0.0568				
1547.73	0.024	197.6	0.0559				
1547.77	0.023	197.5	0.0533				
1547.80	0.021	197.4	0.0533				
1547.83	0.019	197.3	0.0515				
1547.87	0.019	197.3	0.0488				
1547.90	0.018	197.3	0.0462				
1547.93	0.016	197.1	0.0426				
1547.97	0.013	196.9	0.0399				
1548.00	0.012	196.8	0.0373				
1548.03	0.01	196.5	0.0328				
1548.07	0.007	196.3	0.0328				
1548.12	0.006	196.2	0.0275				
1548.15	0.005	196	0.024				
1548.17	0.002	195.7	0.024				
1548.20	0.001	195.7	0.0195				
1548.23	0.001	195.5	0.016				
1548.27	-0.001	195.1	0.0115				
1548.30	-0.004	194.9	0.008				
1548.33	-0.005	194.7	0.0044				
1548.37	-0.007	194.4	0.0009				
1548.40	-0.01	194.1	0.0009				
1548.43	-0.01	194.1	-0.0027				
1548.47	-0.01	193.9	-0.0053				
1548.50	-0.011	193.6	-0.008				
1548.53	-0.014	193.3	-0.0107				
1548.57	-0.014	193.1	-0.0124				
1548.60	-0.015	192.9	-0.0142				
1548.63	-0.016	192.7	-0.0142				
1548.67	-0.017	192.7	-0.016				
1548.70	-0.017	192.6	-0.016				
1548.73	-0.017	192.4	-0.0169				
1548.77	-0.017	192.3	-0.0178				
1548.80	-0.017	192.2	-0.0178				
1548.83	-0.017	192.1	-0.0178				
1548.87	-0.017	192	-0.0178				
1548.90	-0.016	192	-0.0178				
1548.93	-0.016	191.9	-0.0169				
1548.97	-0.016	191.9	-0.016				
1549.00	-0.014	191.9	-0.0151				
1549.03	-0.014	191.9	-0.0133				
1549.07	-0.013	192	-0.0115				
1549.10	-0.01	192.1	-0.0115				
1549.13	-0.01	192.1	-0.0098				
1549.17	-0.01	192.1	-0.008				
1549.20	-0.008	192.2	-0.0044				
1549.23	-0.005	192.4	-0.0018				
1549.27	-0.004	192.5	0.0009				
1549.30	-0.002	192.7	0.0044				
1549.33	0.001	192.9	0.0044				
1549.37	0.002	192.9	0.008				
1549.40	0.002	193	0.0107				
1549.43	0.003	193.3	0.0151				
1549.47	0.007	193.6	0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1549.50	0.009	193.7	0.0222				
1549.53	0.01	193.9	0.0257				
1549.58	0.012	194.2	0.0293				
1549.62	0.014	194.4	0.032				
1549.63	0.015	194.6	0.0364				
1549.67	0.018	194.9	0.0364				
1549.70	0.019	195.2	0.0399				
1549.73	0.019	195.2	0.0426				
1549.77	0.02	195.4	0.0462				
1549.80	0.023	195.8	0.0488				
1549.83	0.024	196	0.0515				
1549.87	0.024	196.2	0.0533				
1549.90	0.026	196.4	0.0533				
1549.93	0.028	196.6	0.0559				
1549.97	0.028	196.6	0.0577				
1550.00	0.027	196.8	0.0586				
1550.03	0.028	196.9	0.0595				
1550.07	0.028	197.1	0.0604				
1550.10	0.029	197.2	0.0604				
1550.13	0.029	197.4	0.0612				
1550.17	0.029	197.4	0.0612				
1550.20	0.029	197.4	0.0612				
1550.23	0.029	197.5	0.0612				
1550.27	0.028	197.6	0.0604				
1550.30	0.027	197.6	0.0595				
1550.33	0.026	197.7	0.0577				
1550.37	0.025	197.6	0.0559				
1550.40	0.023	197.6	0.0559				
1550.43	0.022	197.6	0.0541				
1550.47	0.022	197.5	0.0533				
1550.50	0.021	197.4	0.0506				
1550.53	0.018	197.3	0.047				
1550.57	0.017	197.2	0.0453				
1550.60	0.016	197	0.0417				
1550.63	0.012	196.9	0.0417				
1550.67	0.011	196.9	0.0382				
1550.70	0.011	196.7	0.0355				
1550.73	0.01	196.5	0.0311				
1550.77	0.006	196.3	0.0275				
1550.80	0.005	196.1	0.0231				
1550.83	0.004	195.8	0.0195				
1550.87	0	195.5	0.0195				
1550.90	-0.001	195.5	0.0151				
1550.93	-0.001	195.3	0.0124				
1550.97	-0.002	195	0.008				
1551.02	-0.006	194.7	0.0044				
1551.05	-0.006	194.5	0.0018				
1551.07	-0.008	194.2	-0.0018				
1551.10	-0.011	194	-0.0044				
1551.13	-0.011	193.8	-0.0062				
1551.17	-0.012	193.5	-0.0089				
1551.20	-0.014	193.3	-0.0089				
1551.23	-0.015	193.3	-0.0115				
1551.27	-0.015	193.1	-0.0133				
1551.30	-0.015	192.9	-0.0151				
1551.33	-0.017	192.6	-0.0169				
1551.37	-0.017	192.5	-0.0178				
1551.40	-0.017	192.4	-0.0186				
1551.43	-0.017	192.2	-0.0186				
1551.47	-0.017	192.2	-0.0186				
1551.50	-0.017	192.1	-0.0186				
1551.53	-0.017	192	-0.0186				
1551.57	-0.016	192	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1551.60	-0.016	191.9	-0.0178				
1551.63	-0.015	191.9	-0.016				
1551.67	-0.014	191.9	-0.016				
1551.70	-0.013	191.9	-0.0151				
1551.73	-0.013	191.9	-0.0133				
1551.77	-0.012	192	-0.0115				
1551.80	-0.01	192.1	-0.0089				
1551.83	-0.009	192.2	-0.0071				
1551.87	-0.007	192.3	-0.0044				
1551.90	-0.004	192.5	-0.0044				
1551.93	-0.003	192.6	-0.0009				
1551.97	-0.003	192.6	0.0018				
1552.00	-0.002	192.7	0.0053				
1552.03	0.001	193	0.0089				
1552.07	0.003	193.1	0.0115				
1552.10	0.004	193.3	0.0151				
1552.13	0.008	193.6	0.0151				
1552.17	0.01	193.8	0.0195				
1552.20	0.01	193.8	0.0231				
1552.23	0.011	194.1	0.0275				
1552.27	0.013	194.4	0.0311				
1552.30	0.016	194.6	0.0346				
1552.33	0.017	194.8	0.0391				
1552.37	0.019	195.1	0.0391				
1552.40	0.021	195.4	0.0426				
1552.43	0.021	195.4	0.0453				
1552.48	0.023	195.9	0.0497				
1552.52	0.024	196.1	0.0497				
1552.53	0.025	196.1	0.0515				
1552.57	0.025	196.3	0.0533				
1552.60	0.026	196.5	0.0559				
1552.63	0.028	196.7	0.0577				
1552.67	0.028	196.9	0.0586				
1552.70	0.028	197	0.0595				
1552.73	0.029	197.2	0.0595				
1552.77	0.029	197.2	0.0604				
1552.80	0.029	197.3	0.0604				
1552.83	0.029	197.4	0.0604				
1552.87	0.029	197.5	0.0604				
1552.90	0.028	197.6	0.0604				
1552.93	0.028	197.6	0.0595				
1552.97	0.026	197.6	0.0595				
1553.00	0.026	197.6	0.0577				
1553.03	0.026	197.7	0.0568				
1553.07	0.025	197.6	0.055				
1553.10	0.023	197.5	0.0533				
1553.13	0.021	197.5	0.0515				
1553.17	0.02	197.4	0.0488				
1553.20	0.017	197.3	0.0488				
1553.23	0.016	197.3	0.0453				
1553.27	0.016	197.2	0.0435				
1553.30	0.015	197	0.0399				
1553.33	0.012	196.8	0.0364				
1553.37	0.01	196.7	0.0337				
1553.40	0.009	196.5	0.0293				
1553.43	0.005	196.2	0.0293				
1553.47	0.004	196	0.0249				
1553.50	0.004	196	0.0213				
1553.53	0.002	195.8	0.0178				
1553.57	0	195.5	0.0133				
1553.60	-0.002	195.2	0.0107				
1553.63	-0.004	194.9	0.0062				
1553.67	-0.006	194.6	0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1553.70	-0.008	194.4	0.0018				
1553.73	-0.008	194.4	-0.0009				
1553.77	-0.009	194.1	-0.0036				
1553.80	-0.011	193.8	-0.0071				
1553.83	-0.013	193.6	-0.0089				
1553.87	-0.013	193.4	-0.0115				
1553.92	-0.014	193.1	-0.0133				
1553.95	-0.015	193	-0.0142				
1553.98	-0.016	192.8	-0.016				
1554.00	-0.016	192.6	-0.0178				
1554.03	-0.017	192.4	-0.0178				
1554.07	-0.017	192.4	-0.0178				
1554.10	-0.017	192.3	-0.0186				
1554.13	-0.017	192.2	-0.0186				
1554.17	-0.017	192.1	-0.0186				
1554.20	-0.017	192	-0.0186				
1554.23	-0.016	191.9	-0.0178				
1554.27	-0.015	191.9	-0.0178				
1554.30	-0.015	191.9	-0.0169				
1554.33	-0.015	191.9	-0.016				
1554.37	-0.014	191.9	-0.0142				
1554.40	-0.012	192	-0.0133				
1554.43	-0.011	192	-0.0115				
1554.47	-0.01	192.1	-0.0089				
1554.50	-0.007	192.2	-0.0089				
1554.53	-0.006	192.2	-0.0062				
1554.57	-0.006	192.3	-0.0044				
1554.60	-0.005	192.5	-0.0009				
1554.63	-0.002	192.6	0.0027				
1554.67	-0.001	192.8	0.0053				
1554.70	0.001	193	0.0098				
1554.73	0.005	193.3	0.0098				
1554.77	0.006	193.3	0.0142				
1554.80	0.006	193.4	0.0169				
1554.83	0.007	193.7	0.0204				
1554.87	0.011	194	0.0249				
1554.90	0.012	194.2	0.0293				
1554.93	0.013	194.4	0.0328				
1554.97	0.017	194.7	0.0328				
1555.00	0.017	194.7	0.0373				
1555.03	0.017	194.9	0.0399				
1555.07	0.019	195.2	0.0435				
1555.10	0.022	195.5	0.047				
1555.13	0.023	195.7	0.0488				
1555.17	0.024	196	0.0515				
1555.20	0.025	196.2	0.0515				
1555.23	0.026	196.2	0.0541				
1555.27	0.026	196.4	0.0559				
1555.30	0.027	196.6	0.0568				
1555.33	0.028	196.8	0.0586				
1555.38	0.028	197	0.0595				
1555.42	0.028	197.1	0.0604				
1555.43	0.029	197.2	0.0604				
1555.47	0.029	197.4	0.0612				
1555.50	0.029	197.5	0.0612				
1555.53	0.029	197.6	0.0612				
1555.57	0.028	197.6	0.0612				
1555.60	0.028	197.6	0.0604				
1555.63	0.027	197.7	0.0595				
1555.67	0.026	197.7	0.0577				
1555.70	0.025	197.7	0.0568				
1555.73	0.024	197.6	0.0541				
1555.77	0.022	197.5	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1555.80	0.021	197.5	0.0524				
1555.83	0.021	197.5	0.0506				
1555.87	0.021	197.4	0.0479				
1555.90	0.017	197.2	0.0444				
1555.93	0.015	197.1	0.0417				
1555.97	0.014	197	0.0391				
1556.00	0.012	196.8	0.0391				
1556.03	0.009	196.6	0.0355				
1556.07	0.009	196.6	0.0328				
1556.10	0.008	196.4	0.0293				
1556.13	0.005	196.1	0.024				
1556.17	0.003	195.9	0.0204				
1556.20	0.001	195.7	0.016				
1556.23	-0.001	195.3	0.0124				
1556.27	-0.004	195.1	0.0124				
1556.30	-0.004	195.1	0.0089				
1556.33	-0.004	194.9	0.0053				
1556.37	-0.006	194.5	0.0018				
1556.40	-0.009	194.3	-0.0018				
1556.43	-0.01	194	-0.0053				
1556.47	-0.011	193.7	-0.008				
1556.50	-0.014	193.5	-0.008				
1556.53	-0.013	193.5	-0.0107				
1556.57	-0.013	193.3	-0.0115				
1556.60	-0.015	193	-0.0142				
1556.63	-0.016	192.8	-0.016				
1556.67	-0.016	192.7	-0.016				
1556.70	-0.017	192.5	-0.0178				
1556.73	-0.018	192.3	-0.0178				
1556.77	-0.017	192.3	-0.0186				
1556.82	-0.017	192.1	-0.0186				
1556.85	-0.017	192	-0.0186				
1556.88	-0.017	192	-0.0186				
1556.90	-0.017	192	-0.0186				
1556.93	-0.016	191.9	-0.0178				
1556.97	-0.015	191.9	-0.0169				
1557.00	-0.015	191.9	-0.016				
1557.03	-0.014	191.9	-0.0142				
1557.07	-0.012	192	-0.0142				
1557.10	-0.01	192	-0.0124				
1557.13	-0.01	192	-0.0107				
1557.17	-0.009	192.1	-0.0089				
1557.20	-0.007	192.3	-0.0062				
1557.23	-0.005	192.4	-0.0036				
1557.27	-0.004	192.5	0				
1557.30	-0.001	192.7	0				
1557.33	0	192.9	0.0036				
1557.37	0	192.9	0.0062				
1557.40	0.002	193.1	0.0107				
1557.43	0.005	193.4	0.0142				
1557.47	0.007	193.6	0.0178				
1557.50	0.008	193.7	0.0213				
1557.53	0.011	194.1	0.0257				
1557.57	0.013	194.3	0.0257				
1557.60	0.013	194.3	0.0302				
1557.63	0.014	194.5	0.0337				
1557.67	0.016	194.8	0.0373				
1557.70	0.019	195.1	0.0408				
1557.73	0.02	195.3	0.0435				
1557.77	0.021	195.6	0.047				
1557.80	0.023	195.9	0.047				
1557.83	0.024	195.9	0.0497				
1557.87	0.024	196.1	0.0515				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1557.90	0.025	196.3	0.0541				
1557.93	0.027	196.5	0.0559				
1557.97	0.027	196.7	0.0568				
1558.00	0.028	196.9	0.0586				
1558.03	0.028	197	0.0586				
1558.07	0.029	197	0.0595				
1558.10	0.029	197.2	0.0604				
1558.13	0.029	197.3	0.0604				
1558.17	0.029	197.4	0.0604				
1558.20	0.029	197.5	0.0604				
1558.23	0.028	197.6	0.0604				
1558.28	0.027	197.6	0.0586				
1558.32	0.027	197.7	0.0586				
1558.33	0.026	197.7	0.0568				
1558.37	0.025	197.7	0.0568				
1558.40	0.023	197.7	0.0559				
1558.43	0.023	197.6	0.0533				
1558.47	0.022	197.6	0.0524				
1558.50	0.02	197.5	0.0497				
1558.53	0.019	197.4	0.047				
1558.57	0.017	197.3	0.0435				
1558.60	0.014	197.1	0.0435				
1558.63	0.013	197.1	0.0408				
1558.67	0.013	196.9	0.0373				
1558.70	0.012	196.8	0.0337				
1558.73	0.008	196.5	0.0302				
1558.77	0.007	196.4	0.0275				
1558.80	0.005	196.1	0.0222				
1558.83	0.002	195.8	0.0222				
1558.87	0	195.6	0.0186				
1558.90	0	195.6	0.0151				
1558.93	-0.001	195.3	0.0115				
1558.97	-0.004	195	0.0071				
1559.00	-0.006	194.8	0.0044				
1559.03	-0.006	194.5	0.0009				
1559.07	-0.009	194.2	0.0009				
1559.10	-0.011	194	-0.0036				
1559.13	-0.011	194	-0.0062				
1559.17	-0.011	193.7	-0.0089				
1559.20	-0.013	193.4	-0.0107				
1559.23	-0.015	193.2	-0.0133				
1559.27	-0.015	193	-0.0142				
1559.30	-0.016	192.8	-0.0142				
1559.33	-0.017	192.6	-0.0169				
1559.37	-0.017	192.6	-0.0169				
1559.40	-0.017	192.5	-0.0178				
1559.43	-0.017	192.4	-0.0186				
1559.47	-0.017	192.2	-0.0186				
1559.50	-0.017	192.1	-0.0186				
1559.53	-0.017	192.1	-0.0186				
1559.57	-0.016	192	-0.0186				
1559.60	-0.016	192	-0.0178				
1559.63	-0.016	191.9	-0.0169				
1559.67	-0.015	192	-0.016				
1559.70	-0.013	192	-0.0151				
1559.75	-0.013	192	-0.0133				
1559.78	-0.012	192	-0.0124				
1559.80	-0.01	192.1	-0.0098				
1559.83	-0.009	192.2	-0.0071				
1559.87	-0.007	192.3	-0.0053				
1559.90	-0.004	192.5	-0.0053				
1559.93	-0.003	192.5	-0.0018				
1559.97	-0.003	192.6	0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1560.00	-0.002	192.8	0.0044				
1560.03	0.002	193	0.008				
1560.07	0.003	193.2	0.0115				
1560.10	0.004	193.5	0.0151				
1560.13	0.008	193.7	0.0151				
1560.17	0.009	193.7	0.0195				
1560.20	0.009	193.9	0.0231				
1560.23	0.011	194.2	0.0275				
1560.27	0.014	194.4	0.032				
1560.30	0.015	194.6	0.0355				
1560.33	0.017	194.9	0.0391				
1560.37	0.02	195.2	0.0391				
1560.40	0.021	195.2	0.0426				
1560.43	0.021	195.4	0.0444				
1560.47	0.022	195.7	0.0479				
1560.50	0.024	196	0.0506				
1560.53	0.025	196.2	0.0524				
1560.57	0.025	196.4	0.055				
1560.60	0.027	196.6	0.055				
1560.63	0.028	196.6	0.0568				
1560.67	0.028	196.8	0.0577				
1560.70	0.028	197	0.0586				
1560.73	0.029	197.1	0.0595				
1560.77	0.029	197.2	0.0604				
1560.80	0.029	197.4	0.0604				
1560.83	0.029	197.5	0.0604				
1560.87	0.029	197.6	0.0604				
1560.90	0.029	197.6	0.0604				
1560.93	0.028	197.6	0.0595				
1560.97	0.027	197.6	0.0586				
1561.00	0.026	197.7	0.0568				
1561.03	0.025	197.7	0.0559				
1561.07	0.024	197.6	0.0559				
1561.10	0.022	197.5	0.0541				
1561.13	0.022	197.5	0.0524				
1561.18	0.019	197.4	0.0497				
1561.22	0.018	197.3	0.0479				
1561.25	0.018	197.3	0.0462				
1561.27	0.016	197.2	0.0426				
1561.30	0.015	197	0.0391				
1561.33	0.012	196.8	0.0364				
1561.37	0.011	196.7	0.0337				
1561.40	0.009	196.4	0.0293				
1561.43	0.005	196.2	0.0293				
1561.47	0.004	196.2	0.0249				
1561.50	0.004	196	0.0213				
1561.53	0.002	195.7	0.0178				
1561.57	-0.001	195.4	0.0133				
1561.60	-0.002	195.2	0.0107				
1561.63	-0.004	194.9	0.0062				
1561.67	-0.007	194.6	0.0062				
1561.70	-0.008	194.6	0.0018				
1561.73	-0.008	194.4	-0.0009				
1561.77	-0.009	194.1	-0.0036				
1561.80	-0.012	193.9	-0.0062				
1561.83	-0.012	193.7	-0.0089				
1561.87	-0.013	193.4	-0.0115				
1561.90	-0.015	193.2	-0.0115				
1561.93	-0.015	193.2	-0.0133				
1561.97	-0.015	193	-0.0151				
1562.00	-0.016	192.8	-0.016				
1562.03	-0.017	192.6	-0.0178				
1562.07	-0.017	192.4	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1562.10	-0.017	192.3	-0.0186				
1562.13	-0.017	192.2	-0.0186				
1562.17	-0.017	192.2	-0.0186				
1562.20	-0.017	192.1	-0.0186				
1562.23	-0.017	192	-0.0186				
1562.27	-0.016	192	-0.0178				
1562.30	-0.015	192	-0.0169				
1562.33	-0.015	192	-0.0151				
1562.37	-0.013	192	-0.0151				
1562.40	-0.012	192	-0.0133				
1562.43	-0.012	192	-0.0124				
1562.47	-0.011	192.1	-0.0098				
1562.50	-0.008	192.2	-0.0071				
1562.53	-0.007	192.3	-0.0053				
1562.57	-0.006	192.4	-0.0018				
1562.60	-0.003	192.6	-0.0018				
1562.65	-0.001	192.8	0.0036				
1562.68	-0.001	192.9	0.0062				
1562.70	0.002	193.1	0.0062				
1562.73	0.004	193.3	0.0098				
1562.77	0.004	193.3	0.0133				
1562.80	0.005	193.5	0.0169				
1562.83	0.008	193.8	0.0213				
1562.87	0.011	194	0.0249				
1562.90	0.012	194.2	0.0293				
1562.93	0.014	194.5	0.0328				
1562.97	0.016	194.8	0.0328				
1563.00	0.016	194.8	0.0364				
1563.03	0.018	195	0.0399				
1563.07	0.02	195.3	0.0435				
1563.10	0.021	195.6	0.0462				
1563.13	0.022	195.8	0.0488				
1563.17	0.024	196.1	0.0515				
1563.20	0.026	196.3	0.0515				
1563.23	0.026	196.3	0.0541				
1563.27	0.026	196.5	0.0559				
1563.30	0.027	196.7	0.0568				
1563.33	0.028	196.9	0.0586				
1563.37	0.028	197	0.0595				
1563.40	0.028	197.2	0.0595				
1563.43	0.029	197.3	0.0595				
1563.47	0.029	197.3	0.0604				
1563.50	0.029	197.4	0.0604				
1563.53	0.029	197.5	0.0604				
1563.57	0.028	197.6	0.0604				
1563.60	0.028	197.7	0.0595				
1563.63	0.027	197.7	0.0586				
1563.67	0.026	197.7	0.0586				
1563.70	0.024	197.7	0.0568				
1563.73	0.024	197.7	0.055				
1563.77	0.023	197.6	0.0533				
1563.80	0.021	197.6	0.0515				
1563.83	0.02	197.5	0.0497				
1563.87	0.019	197.4	0.047				
1563.90	0.016	197.2	0.047				
1563.93	0.015	197.2	0.0435				
1563.97	0.015	197.1	0.0417				
1564.00	0.013	196.9	0.0373				
1564.03	0.009	196.7	0.0328				
1564.08	0.009	196.5	0.0302				
1564.12	0.008	196.4	0.0284				
1564.15	0.005	196.1	0.024				
1564.17	0.003	195.9	0.0204				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1564.20	0.002	195.7	0.016				
1564.23	-0.001	195.3	0.016				
1564.27	-0.004	195.1	0.0115				
1564.30	-0.004	195.1	0.0089				
1564.33	-0.004	194.9	0.0044				
1564.37	-0.007	194.5	0.0009				
1564.40	-0.009	194.3	-0.0018				
1564.43	-0.01	194	-0.0053				
1564.47	-0.012	193.8	-0.0053				
1564.50	-0.013	193.5	-0.008				
1564.53	-0.013	193.5	-0.0107				
1564.57	-0.014	193.3	-0.0124				
1564.60	-0.015	193.1	-0.0142				
1564.63	-0.016	192.9	-0.016				
1564.67	-0.016	192.7	-0.016				
1564.70	-0.016	192.6	-0.0178				
1564.73	-0.017	192.4	-0.0178				
1564.77	-0.017	192.4	-0.0186				
1564.80	-0.017	192.3	-0.0186				
1564.83	-0.017	192.2	-0.0186				
1564.87	-0.017	192.1	-0.0186				
1564.90	-0.016	192	-0.0186				
1564.93	-0.016	192	-0.0169				
1564.97	-0.015	192	-0.0169				
1565.00	-0.014	192	-0.0169				
1565.03	-0.014	192	-0.0151				
1565.07	-0.013	192	-0.0133				
1565.10	-0.011	192.1	-0.0115				
1565.13	-0.01	192.1	-0.0098				
1565.17	-0.009	192.2	-0.0071				
1565.20	-0.006	192.4	-0.0071				
1565.23	-0.005	192.4	-0.0044				
1565.27	-0.005	192.5	-0.0018				
1565.30	-0.004	192.7	0.0018				
1565.33	0	192.9	0.0053				
1565.37	0.001	193	0.008				
1565.40	0.002	193.3	0.0115				
1565.43	0.006	193.5	0.0115				
1565.47	0.007	193.5	0.016				
1565.50	0.007	193.7	0.0195				
1565.55	0.012	194.2	0.024				
1565.58	0.013	194.2	0.0275				
1565.60	0.013	194.4	0.0302				
1565.63	0.014	194.6	0.0337				
1565.67	0.018	194.9	0.0382				
1565.70	0.018	195.1	0.0408				
1565.73	0.02	195.4	0.0435				
1565.77	0.023	195.7	0.0435				
1565.80	0.023	195.7	0.047				
1565.83	0.023	195.9	0.0497				
1565.87	0.024	196.1	0.0515				
1565.90	0.026	196.4	0.0541				
1565.93	0.027	196.6	0.0559				
1565.97	0.027	196.8	0.0568				
1566.00	0.028	196.9	0.0568				
1566.03	0.029	197.1	0.0586				
1566.07	0.029	197.1	0.0595				
1566.10	0.029	197.2	0.0595				
1566.13	0.029	197.3	0.0595				
1566.17	0.029	197.4	0.0604				
1566.20	0.029	197.5	0.0604				
1566.23	0.028	197.6	0.0604				
1566.27	0.027	197.7	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1566.30	0.027	197.7	0.0586				
1566.33	0.027	197.7	0.0577				
1566.37	0.025	197.6	0.0559				
1566.40	0.023	197.6	0.0541				
1566.43	0.023	197.6	0.0524				
1566.47	0.022	197.5	0.0506				
1566.50	0.019	197.4	0.0506				
1566.53	0.018	197.4	0.0479				
1566.57	0.018	197.3	0.0453				
1566.60	0.016	197.1	0.0417				
1566.63	0.013	197	0.0382				
1566.67	0.012	196.8	0.0355				
1566.70	0.011	196.6	0.032				
1566.73	0.007	196.4	0.032				
1566.77	0.006	196.4	0.0284				
1566.80	0.006	196.2	0.024				
1566.83	0.004	195.9	0.0204				
1566.87	0.001	195.7	0.016				
1566.90	0	195.4	0.0124				
1566.93	-0.002	195.1	0.0089				
1566.97	-0.005	194.8	0.0089				
1567.02	-0.006	194.6	0.0027				
1567.05	-0.007	194.4	-0.0009				
1567.07	-0.01	194.1	-0.0009				
1567.10	-0.01	194.1	-0.0036				
1567.13	-0.01	193.9	-0.0062				
1567.17	-0.011	193.6	-0.0089				
1567.20	-0.014	193.4	-0.0115				
1567.23	-0.014	193.2	-0.0133				
1567.27	-0.015	193	-0.0151				
1567.30	-0.016	192.8	-0.0151				
1567.33	-0.017	192.8	-0.0169				
1567.37	-0.017	192.6	-0.0178				
1567.40	-0.017	192.5	-0.0178				
1567.43	-0.017	192.3	-0.0186				
1567.47	-0.017	192.2	-0.0186				
1567.50	-0.017	192.1	-0.0195				
1567.53	-0.017	192	-0.0195				
1567.57	-0.016	192	-0.0186				
1567.60	-0.016	192	-0.0186				
1567.63	-0.016	191.9	-0.0178				
1567.67	-0.014	191.9	-0.0169				
1567.70	-0.014	191.9	-0.0151				
1567.73	-0.013	192	-0.0133				
1567.77	-0.011	192.1	-0.0133				
1567.80	-0.009	192.2	-0.0115				
1567.83	-0.009	192.2	-0.0089				
1567.87	-0.008	192.2	-0.0062				
1567.90	-0.005	192.4	-0.0027				
1567.93	-0.004	192.5	-0.0009				
1567.97	-0.003	192.7	0.0027				
1568.00	0	192.9	0.0027				
1568.03	0.002	193.1	0.0062				
1568.07	0.002	193.1	0.0098				
1568.10	0.004	193.3	0.0142				
1568.13	0.007	193.6	0.0178				
1568.17	0.009	193.8	0.0213				
1568.20	0.01	194	0.0249				
1568.23	0.013	194.3	0.0249				
1568.27	0.015	194.6	0.0302				
1568.30	0.015	194.6	0.0337				
1568.33	0.016	194.8	0.0373				
1568.37	0.018	195.1	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1568.40	0.02	195.3	0.0435				
1568.45	0.021	195.6	0.0462				
1568.48	0.022	195.8	0.0479				
1568.50	0.024	196.1	0.0506				
1568.53	0.025	196.3	0.0533				
1568.57	0.026	196.5	0.055				
1568.60	0.027	196.7	0.055				
1568.63	0.027	196.7	0.0568				
1568.67	0.027	196.9	0.0577				
1568.70	0.028	197	0.0595				
1568.73	0.029	197.2	0.0604				
1568.77	0.028	197.3	0.0604				
1568.80	0.029	197.4	0.0604				
1568.83	0.029	197.5	0.0604				
1568.87	0.029	197.5	0.0612				
1568.90	0.029	197.6	0.0604				
1568.93	0.028	197.7	0.0595				
1568.97	0.026	197.7	0.0586				
1569.00	0.026	197.7	0.0577				
1569.03	0.025	197.7	0.0559				
1569.07	0.023	197.6	0.0559				
1569.10	0.022	197.6	0.0541				
1569.13	0.022	197.6	0.0524				
1569.17	0.021	197.5	0.0497				
1569.20	0.018	197.4	0.0462				
1569.23	0.017	197.3	0.0453				
1569.27	0.016	197.1	0.0417				
1569.30	0.012	196.9	0.0417				
1569.33	0.011	196.9	0.0382				
1569.37	0.011	196.8	0.0355				
1569.40	0.01	196.6	0.0311				
1569.43	0.006	196.4	0.0275				
1569.47	0.005	196.2	0.0231				
1569.50	0.004	195.9	0.0195				
1569.53	0	195.6	0.0195				
1569.57	-0.001	195.4	0.0151				
1569.60	-0.001	195.4	0.0124				
1569.63	-0.003	195.1	0.008				
1569.67	-0.006	194.8	0.0044				
1569.70	-0.007	194.6	0.0018				
1569.73	-0.008	194.3	-0.0018				
1569.77	-0.01	194	-0.0018				
1569.80	-0.012	193.7	-0.0053				
1569.83	-0.012	193.7	-0.008				
1569.87	-0.013	193.5	-0.0107				
1569.92	-0.015	193.1	-0.0124				
1569.95	-0.015	193.1	-0.0133				
1569.97	-0.015	192.9	-0.0151				
1570.00	-0.016	192.7	-0.0169				
1570.03	-0.017	192.6	-0.0178				
1570.07	-0.017	192.4	-0.0178				
1570.10	-0.017	192.3	-0.0186				
1570.13	-0.017	192.2	-0.0186				
1570.17	-0.017	192.2	-0.0186				
1570.20	-0.017	192.1	-0.0186				
1570.23	-0.017	192	-0.0178				
1570.27	-0.016	192	-0.0169				
1570.30	-0.015	191.9	-0.016				
1570.33	-0.014	192	-0.0151				
1570.37	-0.013	192	-0.0151				
1570.40	-0.012	192	-0.0142				
1570.43	-0.012	192	-0.0124				
1570.47	-0.011	192.1	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1570.50	-0.008	192.2	-0.0071				
1570.53	-0.007	192.3	-0.0053				
1570.57	-0.006	192.5	-0.0018				
1570.60	-0.003	192.7	-0.0018				
1570.63	-0.002	192.7	0.0018				
1570.67	-0.002	192.8	0.0036				
1570.70	0	193	0.008				
1570.73	0.004	193.2	0.0115				
1570.77	0.005	193.4	0.0151				
1570.80	0.006	193.7	0.0195				
1570.83	0.01	193.9	0.0195				
1570.87	0.011	193.9	0.024				
1570.90	0.011	194.1	0.0275				
1570.93	0.012	194.4	0.0311				
1570.97	0.016	194.7	0.0355				
1571.00	0.017	194.9	0.0382				
1571.03	0.018	195.2	0.0417				
1571.07	0.021	195.5	0.0417				
1571.10	0.022	195.5	0.0453				
1571.13	0.022	195.7	0.0479				
1571.17	0.023	196	0.0506				
1571.20	0.025	196.2	0.0533				
1571.23	0.026	196.4	0.055				
1571.27	0.026	196.6	0.0568				
1571.30	0.028	196.8	0.0568				
1571.35	0.028	197	0.0586				
1571.38	0.028	197.1	0.0595				
1571.42	0.028	197.2	0.0595				
1571.43	0.029	197.4	0.0604				
1571.47	0.029	197.4	0.0604				
1571.50	0.029	197.5	0.0612				
1571.53	0.029	197.6	0.0612				
1571.57	0.028	197.7	0.0604				
1571.60	0.028	197.7	0.0595				
1571.63	0.027	197.7	0.0595				
1571.67	0.025	197.7	0.0577				
1571.70	0.025	197.7	0.0568				
1571.73	0.024	197.7	0.055				
1571.77	0.023	197.6	0.0533				
1571.80	0.021	197.6	0.0515				
1571.83	0.02	197.5	0.0497				
1571.87	0.019	197.4	0.047				
1571.90	0.016	197.2	0.047				
1571.93	0.016	197.2	0.0435				
1571.97	0.015	197.1	0.0399				
1572.00	0.012	196.9	0.0364				
1572.03	0.009	196.7	0.0337				
1572.07	0.009	196.6	0.0302				
1572.10	0.007	196.3	0.0257				
1572.13	0.004	196	0.0257				
1572.17	0.004	196	0.0222				
1572.20	0.002	195.9	0.0178				
1572.23	0	195.5	0.0133				
1572.27	-0.003	195.2	0.0098				
1572.30	-0.004	195	0.0071				
1572.33	-0.005	194.7	0.0036				
1572.37	-0.008	194.4	0.0036				
1572.40	-0.009	194.4	0				
1572.43	-0.009	194.2	-0.0027				
1572.47	-0.01	193.9	-0.0062				
1572.50	-0.013	193.7	-0.0089				
1572.53	-0.013	193.5	-0.0107				
1572.57	-0.014	193.2	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1572.60	-0.016	193	-0.0124				
1572.63	-0.016	193	-0.0151				
1572.67	-0.016	192.8	-0.016				
1572.70	-0.017	192.7	-0.0169				
1572.73	-0.017	192.5	-0.0178				
1572.77	-0.017	192.4	-0.0186				
1572.82	-0.017	192.3	-0.0186				
1572.85	-0.017	192.2	-0.0186				
1572.87	-0.017	192.1	-0.0186				
1572.90	-0.016	192	-0.0178				
1572.93	-0.016	192	-0.0178				
1572.97	-0.015	192	-0.0169				
1573.00	-0.015	192	-0.016				
1573.03	-0.014	192	-0.0142				
1573.07	-0.012	192	-0.0133				
1573.10	-0.012	192	-0.0115				
1573.13	-0.01	192.1	-0.0089				
1573.17	-0.007	192.3	-0.0089				
1573.20	-0.006	192.4	-0.0062				
1573.23	-0.006	192.4	-0.0044				
1573.27	-0.005	192.5	-0.0009				
1573.30	-0.002	192.7	0.0027				
1573.33	-0.001	192.9	0.0053				
1573.37	0.001	193	0.0098				
1573.40	0.004	193.3	0.0098				
1573.43	0.006	193.5	0.0133				
1573.47	0.006	193.5	0.0169				
1573.50	0.007	193.7	0.0204				
1573.53	0.011	194	0.0249				
1573.57	0.012	194.2	0.0293				
1573.60	0.013	194.4	0.0328				
1573.63	0.016	194.8	0.0328				
1573.67	0.018	195	0.0364				
1573.70	0.018	195	0.0399				
1573.73	0.019	195.2	0.0435				
1573.77	0.021	195.6	0.0462				
1573.80	0.023	195.8	0.0488				
1573.83	0.023	196	0.0515				
1573.87	0.025	196.3	0.0541				
1573.90	0.026	196.5	0.0541				
1573.93	0.027	196.5	0.0559				
1573.97	0.027	196.7	0.0577				
1574.00	0.028	196.9	0.0595				
1574.03	0.029	197	0.0604				
1574.07	0.028	197.2	0.0604				
1574.10	0.029	197.3	0.0604				
1574.13	0.029	197.4	0.0604				
1574.17	0.029	197.4	0.0612				
1574.20	0.029	197.5	0.0612				
1574.25	0.028	197.7	0.0612				
1574.28	0.027	197.7	0.0604				
1574.32	0.027	197.7	0.0595				
1574.33	0.026	197.7	0.0577				
1574.37	0.025	197.7	0.0568				
1574.40	0.024	197.7	0.055				
1574.43	0.023	197.7	0.0533				
1574.47	0.02	197.6	0.0533				
1574.50	0.02	197.6	0.0506				
1574.53	0.02	197.5	0.0488				
1574.57	0.018	197.3	0.0453				
1574.60	0.015	197.2	0.0417				
1574.63	0.014	197.1	0.0399				
1574.67	0.012	196.9	0.0364				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1574.70	0.009	196.6	0.0364				
1574.73	0.008	196.6	0.032				
1574.77	0.008	196.5	0.0293				
1574.80	0.006	196.2	0.0249				
1574.83	0.003	196	0.0204				
1574.87	0.001	195.8	0.0169				
1574.90	0	195.5	0.0133				
1574.93	-0.004	195.1	0.0133				
1574.97	-0.005	195.1	0.0089				
1575.00	-0.005	194.9	0.0062				
1575.03	-0.006	194.7	0.0018				
1575.07	-0.009	194.4	-0.0018				
1575.10	-0.01	194.1	-0.0036				
1575.13	-0.011	193.9	-0.0071				
1575.17	-0.013	193.6	-0.0071				
1575.20	-0.014	193.6	-0.0098				
1575.23	-0.014	193.4	-0.0115				
1575.27	-0.015	193.2	-0.0133				
1575.30	-0.016	193	-0.0151				
1575.33	-0.016	192.8	-0.016				
1575.37	-0.017	192.6	-0.0178				
1575.40	-0.017	192.5	-0.0178				
1575.43	-0.017	192.3	-0.0178				
1575.47	-0.017	192.3	-0.0186				
1575.50	-0.017	192.2	-0.0186				
1575.53	-0.017	192.1	-0.0178				
1575.57	-0.017	192.1	-0.0178				
1575.60	-0.016	192	-0.0169				
1575.63	-0.015	192	-0.0169				
1575.67	-0.014	192	-0.016				
1575.72	-0.013	192	-0.0142				
1575.75	-0.012	192	-0.0142				
1575.77	-0.011	192.1	-0.0124				
1575.80	-0.011	192.1	-0.0107				
1575.83	-0.01	192.2	-0.0071				
1575.87	-0.007	192.4	-0.0044				
1575.90	-0.005	192.5	-0.0027				
1575.93	-0.004	192.6	0.0009				
1575.97	-0.002	192.8	0.0009				
1576.00	0.001	193	0.0044				
1576.03	0.001	193	0.0071				
1576.07	0.002	193.1	0.0107				
1576.10	0.004	193.4	0.0151				
1576.13	0.007	193.7	0.0186				
1576.17	0.008	193.8	0.0222				
1576.20	0.01	194.2	0.0275				
1576.23	0.013	194.4	0.0275				
1576.27	0.014	194.4	0.0311				
1576.30	0.014	194.6	0.0346				
1576.33	0.016	194.9	0.0373				
1576.37	0.019	195.1	0.0408				
1576.40	0.02	195.4	0.0444				
1576.43	0.021	195.7	0.047				
1576.47	0.023	195.9	0.047				
1576.50	0.024	195.9	0.0506				
1576.53	0.024	196.1	0.0524				
1576.57	0.025	196.4	0.055				
1576.60	0.027	196.6	0.0568				
1576.63	0.027	196.8	0.0577				
1576.67	0.028	197	0.0586				
1576.70	0.029	197.1	0.0586				
1576.73	0.029	197.1	0.0604				
1576.77	0.029	197.3	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1576.80	0.029	197.4	0.0604				
1576.83	0.029	197.5	0.0612				
1576.87	0.029	197.6	0.0612				
1576.90	0.028	197.7	0.0604				
1576.93	0.027	197.7	0.0604				
1576.97	0.027	197.7	0.0595				
1577.00	0.027	197.7	0.0586				
1577.03	0.026	197.7	0.0568				
1577.07	0.023	197.7	0.055				
1577.10	0.023	197.6	0.0533				
1577.13	0.022	197.6	0.0506				
1577.18	0.019	197.5	0.0488				
1577.22	0.019	197.4	0.047				
1577.23	0.017	197.3	0.0444				
1577.27	0.014	197.1	0.0444				
1577.30	0.013	197.1	0.0408				
1577.33	0.013	197	0.0382				
1577.37	0.012	196.8	0.0346				
1577.40	0.008	196.5	0.0311				
1577.43	0.007	196.4	0.0275				
1577.47	0.005	196.2	0.0231				
1577.50	0.001	195.9	0.0231				
1577.53	0.001	195.9	0.0186				
1577.57	0.001	195.7	0.016				
1577.60	-0.001	195.4	0.0115				
1577.63	-0.004	195	0.0071				
1577.67	-0.006	194.8	0.0044				
1577.70	-0.007	194.6	0.0009				
1577.73	-0.009	194.2	0.0009				
1577.77	-0.01	194	-0.0027				
1577.80	-0.01	194	-0.0053				
1577.83	-0.012	193.8	-0.008				
1577.87	-0.013	193.5	-0.0107				
1577.90	-0.014	193.3	-0.0124				
1577.93	-0.015	193.1	-0.0142				
1577.97	-0.016	192.8	-0.0142				
1578.00	-0.017	192.7	-0.016				
1578.03	-0.017	192.7	-0.0169				
1578.07	-0.017	192.5	-0.0169				
1578.10	-0.017	192.4	-0.0178				
1578.13	-0.017	192.3	-0.0186				
1578.17	-0.017	192.2	-0.0186				
1578.20	-0.017	192.1	-0.0186				
1578.23	-0.016	192	-0.0178				
1578.27	-0.016	192	-0.0169				
1578.30	-0.016	192	-0.016				
1578.33	-0.015	192	-0.0151				
1578.37	-0.014	192	-0.0142				
1578.40	-0.013	192.1	-0.0115				
1578.43	-0.011	192.2	-0.0098				
1578.47	-0.009	192.2	-0.0098				
1578.50	-0.009	192.2	-0.008				
1578.53	-0.008	192.3	-0.0053				
1578.57	-0.006	192.5	-0.0027				
1578.62	-0.004	192.6	0				
1578.65	-0.003	192.7	0.0027				
1578.68	-0.001	192.9	0.0053				
1578.70	0.001	193.1	0.0089				
1578.73	0.003	193.3	0.0124				
1578.77	0.005	193.5	0.0169				
1578.80	0.008	193.8	0.0169				
1578.83	0.009	193.8	0.0204				
1578.87	0.009	193.9	0.024				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1578.90	0.011	194.2	0.0284				
1578.93	0.014	194.5	0.032				
1578.97	0.015	194.7	0.0355				
1579.00	0.017	195	0.0391				
1579.03	0.02	195.3	0.0391				
1579.07	0.021	195.3	0.0435				
1579.10	0.021	195.5	0.0462				
1579.13	0.022	195.8	0.0488				
1579.17	0.024	196	0.0515				
1579.20	0.025	196.2	0.0533				
1579.23	0.025	196.5	0.055				
1579.27	0.027	196.7	0.055				
1579.30	0.028	196.7	0.0577				
1579.33	0.028	196.9	0.0586				
1579.37	0.028	197	0.0595				
1579.40	0.029	197.2	0.0604				
1579.43	0.029	197.3	0.0612				
1579.47	0.029	197.4	0.0612				
1579.50	0.029	197.5	0.0612				
1579.53	0.028	197.5	0.0612				
1579.57	0.028	197.6	0.0612				
1579.60	0.028	197.7	0.0604				
1579.63	0.027	197.7	0.0586				
1579.67	0.026	197.7	0.0577				
1579.70	0.025	197.7	0.0559				
1579.73	0.023	197.7	0.0559				
1579.77	0.022	197.7	0.0541				
1579.80	0.022	197.6	0.0533				
1579.83	0.021	197.6	0.0506				
1579.87	0.018	197.4	0.047				
1579.90	0.017	197.3	0.0453				
1579.93	0.016	197.2	0.0417				
1579.97	0.013	197	0.0417				
1580.00	0.011	196.8	0.0391				
1580.03	0.011	196.8	0.0355				
1580.08	0.007	196.4	0.032				
1580.12	0.006	196.3	0.0302				
1580.13	0.006	196.3	0.0257				
1580.17	0.005	196.1	0.0222				
1580.20	0.001	195.7	0.0169				
1580.23	-0.001	195.5	0.0142				
1580.27	-0.002	195.3	0.0107				
1580.30	-0.005	194.9	0.0107				
1580.33	-0.007	194.7	0.0062				
1580.37	-0.007	194.7	0.0036				
1580.40	-0.007	194.5	0				
1580.43	-0.01	194.1	-0.0036				
1580.47	-0.011	193.9	-0.0062				
1580.50	-0.012	193.7	-0.008				
1580.53	-0.013	193.4	-0.008				
1580.57	-0.015	193.2	-0.0107				
1580.60	-0.015	193.2	-0.0133				
1580.63	-0.016	193	-0.0142				
1580.67	-0.016	192.8	-0.016				
1580.70	-0.017	192.6	-0.0169				
1580.73	-0.017	192.5	-0.0169				
1580.77	-0.017	192.3	-0.0178				
1580.80	-0.017	192.2	-0.0178				
1580.83	-0.017	192.2	-0.0178				
1580.87	-0.017	192.1	-0.0178				
1580.90	-0.017	192.1	-0.0178				
1580.93	-0.016	192	-0.0169				
1580.97	-0.015	192	-0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1581.00	-0.015	192	-0.0142				
1581.03	-0.012	192	-0.0142				
1581.07	-0.012	192	-0.0124				
1581.10	-0.012	192.1	-0.0115				
1581.13	-0.011	192.2	-0.0098				
1581.17	-0.008	192.3	-0.0071				
1581.20	-0.007	192.4	-0.0044				
1581.23	-0.006	192.5	-0.0009				
1581.27	-0.002	192.7	-0.0009				
1581.30	-0.001	192.7	0.0027				
1581.33	-0.001	192.8	0.0053				
1581.37	0	193	0.008				
1581.40	0.004	193.3	0.0124				
1581.43	0.004	193.4	0.0151				
1581.47	0.006	193.7	0.0195				
1581.52	0.01	194	0.024				
1581.55	0.01	194.1	0.0257				
1581.58	0.012	194.3	0.0302				
1581.60	0.015	194.6	0.0302				
1581.63	0.016	194.6	0.0346				
1581.67	0.016	194.8	0.0373				
1581.70	0.017	195.1	0.0408				
1581.73	0.02	195.4	0.0444				
1581.77	0.021	195.7	0.047				
1581.80	0.022	195.9	0.0497				
1581.83	0.024	196.2	0.0497				
1581.87	0.026	196.2	0.0524				
1581.90	0.026	196.4	0.055				
1581.93	0.026	196.6	0.0568				
1581.97	0.027	196.8	0.0586				
1582.00	0.028	197	0.0595				
1582.03	0.028	197.1	0.0604				
1582.07	0.029	197.3	0.0604				
1582.10	0.029	197.4	0.0612				
1582.13	0.029	197.4	0.0612				
1582.17	0.029	197.5	0.0621				
1582.20	0.029	197.6	0.0621				
1582.23	0.028	197.7	0.0612				
1582.27	0.028	197.7	0.0604				
1582.30	0.027	197.7	0.0586				
1582.33	0.025	197.7	0.0586				
1582.37	0.025	197.7	0.0577				
1582.40	0.025	197.7	0.0568				
1582.43	0.023	197.7	0.0541				
1582.47	0.021	197.6	0.0524				
1582.50	0.02	197.5	0.0506				
1582.53	0.019	197.4	0.047				
1582.57	0.016	197.2	0.047				
1582.60	0.016	197.2	0.0435				
1582.63	0.015	197.1	0.0408				
1582.67	0.013	196.9	0.0373				
1582.70	0.01	196.7	0.0337				
1582.73	0.009	196.5	0.0311				
1582.77	0.007	196.3	0.0275				
1582.80	0.004	196.1	0.0275				
1582.83	0.002	196.1	0.0222				
1582.87	0.002	195.9	0.0186				
1582.90	0.001	195.6	0.0151				
1582.93	-0.003	195.2	0.0107				
1582.98	-0.004	195	0.008				
1583.02	-0.004	194.8	0.0062				
1583.03	-0.007	194.5	0.0027				
1583.07	-0.008	194.3	-0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1583.10	-0.01	194	-0.0044				
1583.13	-0.013	193.7	-0.0044				
1583.17	-0.013	193.7	-0.008				
1583.20	-0.013	193.5	-0.0089				
1583.23	-0.014	193.3	-0.0115				
1583.27	-0.015	193.1	-0.0142				
1583.30	-0.016	192.9	-0.0151				
1583.33	-0.016	192.7	-0.016				
1583.37	-0.017	192.5	-0.016				
1583.40	-0.017	192.5	-0.0178				
1583.43	-0.017	192.4	-0.0178				
1583.47	-0.017	192.3	-0.0178				
1583.50	-0.017	192.2	-0.0178				
1583.53	-0.017	192.1	-0.0178				
1583.57	-0.017	192	-0.0169				
1583.60	-0.015	192	-0.0169				
1583.63	-0.015	192	-0.016				
1583.67	-0.015	192	-0.0151				
1583.70	-0.014	192	-0.0142				
1583.73	-0.012	192.1	-0.0124				
1583.77	-0.011	192.1	-0.0107				
1583.80	-0.01	192.1	-0.0089				
1583.83	-0.007	192.3	-0.0089				
1583.87	-0.007	192.3	-0.0062				
1583.90	-0.007	192.4	-0.0036				
1583.93	-0.005	192.5	0				
1583.97	-0.002	192.7	0.0036				
1584.00	-0.001	192.9	0.0062				
1584.03	0.001	193.1	0.0098				
1584.07	0.004	193.4	0.0098				
1584.10	0.006	193.5	0.0142				
1584.13	0.006	193.5	0.0169				
1584.17	0.007	193.7	0.0213				
1584.20	0.01	194.1	0.0249				
1584.23	0.012	194.3	0.0293				
1584.27	0.013	194.5	0.0337				
1584.30	0.016	194.8	0.0337				
1584.33	0.018	195	0.0382				
1584.37	0.018	195	0.0399				
1584.42	0.021	195.6	0.0453				
1584.45	0.022	195.8	0.0453				
1584.48	0.022	195.8	0.0479				
1584.50	0.023	196	0.0506				
1584.53	0.025	196.2	0.0533				
1584.57	0.026	196.5	0.0559				
1584.60	0.027	196.6	0.0568				
1584.63	0.027	196.8	0.0586				
1584.67	0.028	197	0.0586				
1584.70	0.028	197	0.0595				
1584.73	0.028	197.2	0.0604				
1584.77	0.029	197.3	0.0612				
1584.80	0.029	197.4	0.0612				
1584.83	0.029	197.6	0.0612				
1584.87	0.028	197.6	0.0612				
1584.90	0.028	197.7	0.0612				
1584.93	0.028	197.7	0.0604				
1584.97	0.027	197.7	0.0595				
1585.00	0.026	197.7	0.0586				
1585.03	0.025	197.7	0.0568				
1585.07	0.024	197.7	0.055				
1585.10	0.023	197.6	0.0533				
1585.13	0.02	197.6	0.0533				
1585.17	0.02	197.6	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1585.20	0.02	197.5	0.0479				
1585.23	0.017	197.3	0.0453				
1585.27	0.015	197.2	0.0426				
1585.30	0.014	197.1	0.0391				
1585.33	0.011	196.8	0.0355				
1585.37	0.009	196.6	0.0355				
1585.40	0.009	196.6	0.032				
1585.43	0.007	196.5	0.0284				
1585.47	0.006	196.2	0.0249				
1585.50	0.002	196	0.0204				
1585.53	0.001	195.8	0.0178				
1585.57	0	195.5	0.0133				
1585.60	-0.003	195.1	0.0133				
1585.63	-0.005	195.1	0.0089				
1585.67	-0.005	194.9	0.0053				
1585.70	-0.006	194.6	0.0027				
1585.73	-0.009	194.3	-0.0009				
1585.77	-0.01	194.1	-0.0036				
1585.80	-0.011	193.8	-0.0071				
1585.83	-0.013	193.6	-0.0071				
1585.88	-0.014	193.4	-0.0107				
1585.92	-0.014	193.2	-0.0124				
1585.93	-0.016	193	-0.0124				
1585.97	-0.016	193	-0.0142				
1586.00	-0.016	192.8	-0.016				
1586.03	-0.016	192.7	-0.0169				
1586.07	-0.017	192.5	-0.0178				
1586.10	-0.017	192.4	-0.0178				
1586.13	-0.017	192.2	-0.0186				
1586.17	-0.017	192.1	-0.0186				
1586.20	-0.017	192.1	-0.0186				
1586.23	-0.017	192.1	-0.0178				
1586.27	-0.016	192	-0.0169				
1586.30	-0.015	192	-0.016				
1586.33	-0.014	192	-0.0151				
1586.37	-0.014	192	-0.0133				
1586.40	-0.012	192.1	-0.0133				
1586.43	-0.01	192.1	-0.0115				
1586.47	-0.01	192.1	-0.0107				
1586.50	-0.01	192.2	-0.008				
1586.53	-0.007	192.4	-0.0044				
1586.57	-0.005	192.5	-0.0027				
1586.60	-0.004	192.6	0.0009				
1586.63	-0.001	192.8	0.0009				
1586.67	0	192.8	0.0036				
1586.70	0	193	0.0071				
1586.73	0.002	193.2	0.0107				
1586.77	0.005	193.4	0.0151				
1586.80	0.007	193.6	0.0178				
1586.83	0.008	193.8	0.0222				
1586.87	0.011	194.2	0.0222				
1586.90	0.013	194.4	0.0275				
1586.93	0.013	194.4	0.0311				
1586.97	0.014	194.6	0.0346				
1587.00	0.017	194.9	0.0382				
1587.03	0.019	195.2	0.0417				
1587.07	0.02	195.4	0.0444				
1587.10	0.022	195.7	0.0444				
1587.13	0.023	196	0.047				
1587.17	0.023	196	0.0497				
1587.20	0.024	196.2	0.0524				
1587.23	0.025	196.4	0.055				
1587.27	0.027	196.6	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1587.30	0.027	196.8	0.0577				
1587.35	0.028	197	0.0595				
1587.38	0.028	197.1	0.0595				
1587.40	0.029	197.3	0.0604				
1587.43	0.029	197.4	0.0604				
1587.47	0.029	197.5	0.0604				
1587.50	0.029	197.5	0.0612				
1587.53	0.029	197.6	0.0612				
1587.57	0.029	197.7	0.0604				
1587.60	0.028	197.7	0.0595				
1587.63	0.027	197.8	0.0586				
1587.67	0.026	197.8	0.0577				
1587.70	0.024	197.8	0.0577				
1587.73	0.024	197.8	0.0559				
1587.77	0.024	197.8	0.0541				
1587.80	0.022	197.6	0.0524				
1587.83	0.02	197.6	0.0497				
1587.87	0.019	197.5	0.047				
1587.90	0.017	197.3	0.0444				
1587.93	0.014	197.1	0.0444				
1587.97	0.013	197.1	0.0408				
1588.00	0.013	197	0.0382				
1588.03	0.011	196.8	0.0346				
1588.07	0.008	196.6	0.0302				
1588.10	0.007	196.4	0.0275				
1588.13	0.005	196.2	0.0231				
1588.17	0.002	195.9	0.0231				
1588.20	0.001	195.9	0.0186				
1588.23	0.001	195.7	0.0151				
1588.27	-0.001	195.4	0.0107				
1588.30	-0.005	195.1	0.0071				
1588.33	-0.005	194.8	0.0044				
1588.37	-0.006	194.5	0.0009				
1588.40	-0.01	194.2	0.0009				
1588.43	-0.01	194.2	-0.0036				
1588.47	-0.01	194	-0.0062				
1588.50	-0.012	193.7	-0.0089				
1588.53	-0.014	193.5	-0.0107				
1588.57	-0.014	193.3	-0.0133				
1588.60	-0.015	193.1	-0.0142				
1588.63	-0.016	192.9	-0.0142				
1588.67	-0.017	192.9	-0.016				
1588.70	-0.017	192.7	-0.0169				
1588.73	-0.017	192.6	-0.0178				
1588.78	-0.017	192.3	-0.0178				
1588.82	-0.017	192.3	-0.0186				
1588.85	-0.017	192.2	-0.0186				
1588.87	-0.017	192.1	-0.0186				
1588.90	-0.016	192.1	-0.0178				
1588.93	-0.016	192	-0.0169				
1588.97	-0.015	192	-0.0169				
1589.00	-0.014	192	-0.016				
1589.03	-0.014	192	-0.0151				
1589.07	-0.013	192	-0.0133				
1589.10	-0.012	192.1	-0.0115				
1589.13	-0.01	192.2	-0.0098				
1589.17	-0.009	192.2	-0.0071				
1589.20	-0.006	192.4	-0.0044				
1589.23	-0.004	192.5	-0.0044				
1589.27	-0.004	192.5	-0.0018				
1589.30	-0.004	192.6	0.0018				
1589.33	-0.001	192.9	0.0053				
1589.37	0.001	193.1	0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1589.40	0.003	193.2	0.0115				
1589.43	0.005	193.5	0.016				
1589.47	0.008	193.7	0.016				
1589.50	0.008	193.7	0.0195				
1589.53	0.009	193.9	0.024				
1589.57	0.011	194.3	0.0284				
1589.60	0.014	194.5	0.0328				
1589.63	0.015	194.7	0.0355				
1589.67	0.017	195	0.0391				
1589.70	0.02	195.3	0.0391				
1589.73	0.02	195.3	0.0426				
1589.77	0.02	195.5	0.0453				
1589.80	0.022	195.8	0.0479				
1589.83	0.024	196.1	0.0506				
1589.87	0.025	196.3	0.0524				
1589.90	0.025	196.5	0.055				
1589.93	0.027	196.7	0.055				
1589.97	0.027	196.7	0.0568				
1590.00	0.027	196.9	0.0577				
1590.03	0.028	197	0.0595				
1590.07	0.029	197.2	0.0604				
1590.10	0.029	197.3	0.0604				
1590.13	0.029	197.5	0.0604				
1590.17	0.029	197.5	0.0604				
1590.20	0.028	197.5	0.0604				
1590.25	0.028	197.7	0.0604				
1590.28	0.027	197.8	0.0604				
1590.30	0.026	197.8	0.0595				
1590.33	0.026	197.8	0.0577				
1590.37	0.026	197.8	0.0568				
1590.40	0.024	197.7	0.055				
1590.43	0.023	197.7	0.0533				
1590.47	0.022	197.6	0.0506				
1590.50	0.019	197.5	0.0506				
1590.53	0.017	197.5	0.0479				
1590.57	0.017	197.4	0.0462				
1590.60	0.016	197.3	0.0426				
1590.63	0.013	197.1	0.0399				
1590.67	0.012	197	0.0364				
1590.70	0.011	196.8	0.0328				
1590.73	0.007	196.5	0.0328				
1590.77	0.006	196.3	0.0284				
1590.80	0.006	196.3	0.0249				
1590.83	0.004	196.1	0.0204				
1590.87	0.001	195.8	0.0169				
1590.90	0	195.6	0.0133				
1590.93	-0.002	195.3	0.0089				
1590.97	-0.005	194.9	0.0089				
1591.00	-0.006	194.7	0.0053				
1591.03	-0.006	194.7	0.0027				
1591.07	-0.007	194.5	-0.0009				
1591.10	-0.01	194.2	-0.0044				
1591.13	-0.011	193.9	-0.0071				
1591.17	-0.012	193.7	-0.0098				
1591.20	-0.014	193.4	-0.0098				
1591.23	-0.015	193.2	-0.0124				
1591.27	-0.015	193.2	-0.0142				
1591.30	-0.015	193	-0.016				
1591.33	-0.016	192.8	-0.0169				
1591.37	-0.017	192.6	-0.0178				
1591.40	-0.017	192.5	-0.0186				
1591.43	-0.017	192.4	-0.0195				
1591.47	-0.017	192.3	-0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1591.50	-0.017	192.3	-0.0195				
1591.53	-0.017	192.2	-0.0186				
1591.57	-0.017	192.1	-0.0186				
1591.60	-0.016	192.1	-0.0178				
1591.63	-0.015	192	-0.0169				
1591.68	-0.015	192.1	-0.016				
1591.72	-0.013	192	-0.0151				
1591.75	-0.013	192	-0.0133				
1591.77	-0.011	192.1	-0.0115				
1591.80	-0.009	192.2	-0.0115				
1591.83	-0.008	192.2	-0.0089				
1591.87	-0.008	192.3	-0.0071				
1591.90	-0.007	192.4	-0.0036				
1591.93	-0.003	192.6	-0.0009				
1591.97	-0.002	192.7	0.0018				
1592.00	-0.001	193	0.0053				
1592.03	0.003	193.2	0.0053				
1592.07	0.004	193.2	0.0098				
1592.10	0.004	193.3	0.0124				
1592.13	0.005	193.6	0.0169				
1592.17	0.01	193.9	0.0213				
1592.20	0.01	194.1	0.024				
1592.23	0.011	194.3	0.0284				
1592.27	0.015	194.6	0.0284				
1592.30	0.016	194.6	0.0328				
1592.33	0.016	194.8	0.0355				
1592.37	0.017	195.1	0.0399				
1592.40	0.021	195.4	0.0435				
1592.43	0.021	195.6	0.0453				
1592.47	0.022	195.9	0.0488				
1592.50	0.025	196.1	0.0488				
1592.53	0.025	196.1	0.0515				
1592.57	0.025	196.4	0.0533				
1592.60	0.026	196.6	0.055				
1592.63	0.027	196.8	0.0568				
1592.67	0.028	196.9	0.0577				
1592.70	0.028	197.1	0.0595				
1592.73	0.029	197.3	0.0595				
1592.77	0.029	197.4	0.0595				
1592.80	0.029	197.4	0.0595				
1592.83	0.029	197.5	0.0595				
1592.87	0.029	197.6	0.0595				
1592.90	0.028	197.7	0.0595				
1592.93	0.028	197.7	0.0586				
1592.97	0.027	197.7	0.0586				
1593.00	0.025	197.7	0.0568				
1593.03	0.025	197.7	0.0559				
1593.07	0.024	197.7	0.0541				
1593.10	0.023	197.7	0.0524				
1593.15	0.021	197.6	0.0506				
1593.18	0.021	197.6	0.0497				
1593.20	0.019	197.4	0.0462				
1593.23	0.017	197.3	0.0435				
1593.27	0.016	197.2	0.0408				
1593.30	0.014	197	0.0373				
1593.33	0.01	196.8	0.0373				
1593.37	0.01	196.8	0.0337				
1593.40	0.01	196.7	0.0311				
1593.43	0.008	196.4	0.0257				
1593.47	0.004	196.2	0.0231				
1593.50	0.003	196	0.0195				
1593.53	0.001	195.7	0.0151				
1593.57	-0.002	195.4	0.0151				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1593.60	-0.003	195.4	0.0115				
1593.63	-0.003	195.2	0.008				
1593.67	-0.004	194.9	0.0036				
1593.70	-0.007	194.6	0				
1593.73	-0.008	194.4	-0.0027				
1593.77	-0.01	194.1	-0.0053				
1593.80	-0.012	193.8	-0.0053				
1593.83	-0.012	193.8	-0.0089				
1593.87	-0.012	193.6	-0.0107				
1593.90	-0.014	193.3	-0.0133				
1593.93	-0.015	193.1	-0.0151				
1593.97	-0.016	192.9	-0.016				
1594.00	-0.016	192.8	-0.0169				
1594.03	-0.017	192.6	-0.0169				
1594.07	-0.017	192.6	-0.0186				
1594.10	-0.017	192.5	-0.0195				
1594.13	-0.017	192.3	-0.0195				
1594.17	-0.017	192.2	-0.0195				
1594.20	-0.017	192.1	-0.0195				
1594.23	-0.016	192.1	-0.0186				
1594.27	-0.015	192	-0.0186				
1594.30	-0.015	192	-0.0178				
1594.33	-0.015	192	-0.0169				
1594.37	-0.014	192	-0.0151				
1594.40	-0.012	192.1	-0.0142				
1594.43	-0.011	192.1	-0.0124				
1594.47	-0.01	192.2	-0.0098				
1594.50	-0.008	192.3	-0.0098				
1594.53	-0.006	192.4	-0.0071				
1594.57	-0.006	192.4	-0.0053				
1594.62	-0.003	192.7	-0.0018				
1594.65	-0.002	192.8	0				
1594.67	-0.002	192.8	0.0027				
1594.70	0	193	0.0071				
1594.73	0.003	193.3	0.0107				
1594.77	0.005	193.5	0.0142				
1594.80	0.006	193.7	0.0178				
1594.83	0.01	194	0.0178				
1594.87	0.011	194.2	0.0222				
1594.90	0.011	194.2	0.0249				
1594.93	0.012	194.4	0.0302				
1594.97	0.016	194.7	0.0337				
1595.00	0.017	194.9	0.0364				
1595.03	0.018	195.2	0.0408				
1595.07	0.02	195.5	0.0408				
1595.10	0.022	195.8	0.0435				
1595.13	0.022	195.8	0.047				
1595.17	0.023	196	0.0488				
1595.20	0.025	196.2	0.0515				
1595.23	0.026	196.5	0.0541				
1595.27	0.026	196.6	0.0559				
1595.30	0.027	196.9	0.0559				
1595.33	0.028	197	0.0568				
1595.37	0.028	197	0.0577				
1595.40	0.028	197.2	0.0586				
1595.43	0.029	197.3	0.0586				
1595.47	0.029	197.4	0.0595				
1595.50	0.029	197.5	0.0595				
1595.53	0.029	197.6	0.0595				
1595.57	0.028	197.7	0.0595				
1595.60	0.028	197.7	0.0595				
1595.63	0.027	197.7	0.0568				
1595.67	0.026	197.8	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1595.70	0.025	197.7	0.055				
1595.73	0.024	197.7	0.0533				
1595.77	0.023	197.6	0.0515				
1595.80	0.02	197.6	0.0515				
1595.83	0.019	197.6	0.0497				
1595.87	0.019	197.5	0.047				
1595.90	0.018	197.4	0.0444				
1595.93	0.015	197.2	0.0408				
1595.97	0.014	197.1	0.0382				
1596.00	0.012	196.9	0.0346				
1596.05	0.009	196.7	0.0311				
1596.08	0.009	196.6	0.0293				
1596.12	0.007	196.3	0.0249				
1596.13	0.004	196.1	0.0249				
1596.17	0.002	196.1	0.0204				
1596.20	0.002	195.9	0.0169				
1596.23	0.001	195.6	0.0133				
1596.27	-0.003	195.2	0.0089				
1596.30	-0.004	195	0.0062				
1596.33	-0.005	194.7	0.0018				
1596.37	-0.008	194.5	0.0018				
1596.40	-0.009	194.5	-0.0018				
1596.43	-0.009	194.3	-0.0044				
1596.47	-0.01	194	-0.0071				
1596.50	-0.013	193.7	-0.0107				
1596.53	-0.013	193.5	-0.0124				
1596.57	-0.014	193.3	-0.0142				
1596.60	-0.016	193	-0.0142				
1596.63	-0.016	193	-0.016				
1596.67	-0.016	192.9	-0.0169				
1596.70	-0.016	192.7	-0.0186				
1596.73	-0.017	192.5	-0.0195				
1596.77	-0.017	192.4	-0.0195				
1596.80	-0.017	192.3	-0.0195				
1596.83	-0.017	192.2	-0.0195				
1596.87	-0.017	192.2	-0.0195				
1596.90	-0.017	192.1	-0.0195				
1596.93	-0.016	192.1	-0.0186				
1596.97	-0.015	192	-0.0178				
1597.00	-0.014	192	-0.0169				
1597.03	-0.014	192	-0.0151				
1597.07	-0.012	192.1	-0.0151				
1597.10	-0.011	192.1	-0.0133				
1597.13	-0.011	192.2	-0.0115				
1597.17	-0.01	192.2	-0.0089				
1597.20	-0.007	192.4	-0.0062				
1597.23	-0.006	192.5	-0.0036				
1597.27	-0.004	192.6	-0.0009				
1597.30	-0.001	192.9	-0.0009				
1597.33	0	192.9	0.0027				
1597.37	0	193	0.0053				
1597.40	0.001	193.2	0.0098				
1597.43	0.005	193.5	0.0142				
1597.47	0.006	193.7	0.0169				
1597.52	0.008	193.9	0.0213				
1597.55	0.01	194.1	0.024				
1597.57	0.012	194.3	0.0275				
1597.60	0.013	194.5	0.0311				
1597.63	0.016	194.9	0.0311				
1597.67	0.018	195.1	0.0355				
1597.70	0.018	195.1	0.0382				
1597.73	0.019	195.3	0.0417				
1597.77	0.021	195.7	0.0453				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1597.80	0.023	195.9	0.0479				
1597.83	0.024	196.1	0.0497				
1597.87	0.025	196.4	0.0524				
1597.90	0.027	196.6	0.0524				
1597.93	0.027	196.6	0.0541				
1597.97	0.027	196.7	0.0559				
1598.00	0.027	196.9	0.0577				
1598.03	0.028	197.1	0.0586				
1598.07	0.029	197.2	0.0586				
1598.10	0.029	197.4	0.0595				
1598.13	0.029	197.5	0.0595				
1598.17	0.029	197.5	0.0595				
1598.20	0.029	197.6	0.0595				
1598.23	0.028	197.7	0.0595				
1598.27	0.028	197.7	0.0586				
1598.30	0.027	197.8	0.0577				
1598.33	0.026	197.8	0.0559				
1598.37	0.024	197.7	0.0559				
1598.40	0.024	197.7	0.0541				
1598.43	0.024	197.7	0.0533				
1598.47	0.022	197.6	0.0506				
1598.50	0.02	197.5	0.0479				
1598.53	0.019	197.4	0.0462				
1598.57	0.017	197.3	0.0426				
1598.60	0.014	197.1	0.0426				
1598.63	0.013	197.1	0.0399				
1598.67	0.013	197	0.0373				
1598.70	0.012	196.8	0.0328				
1598.73	0.008	196.6	0.0293				
1598.77	0.007	196.4	0.0257				
1598.80	0.005	196.2	0.0213				
1598.83	0.001	195.9	0.0213				
1598.87	0.001	195.9	0.0178				
1598.90	0.001	195.7	0.0142				
1598.95	-0.003	195.1	0.0098				
1598.98	-0.005	195.1	0.008				
1599.02	-0.005	194.9	0.0044				
1599.03	-0.006	194.6	0.0009				
1599.07	-0.009	194.3	-0.0036				
1599.10	-0.009	194.1	-0.0053				
1599.13	-0.011	193.8	-0.008				
1599.17	-0.013	193.6	-0.008				
1599.20	-0.014	193.6	-0.0115				
1599.23	-0.014	193.4	-0.0124				
1599.27	-0.015	193.2	-0.0151				
1599.30	-0.015	192.9	-0.0169				
1599.33	-0.017	192.8	-0.0178				
1599.37	-0.017	192.6	-0.0186				
1599.40	-0.017	192.5	-0.0186				
1599.43	-0.017	192.3	-0.0195				
1599.47	-0.017	192.3	-0.0195				
1599.50	-0.017	192.2	-0.0195				
1599.53	-0.017	192.1	-0.0195				
1599.57	-0.017	192.1	-0.0195				
1599.60	-0.016	192	-0.0186				
1599.63	-0.015	192	-0.0186				
1599.67	-0.014	192	-0.0169				
1599.70	-0.014	192	-0.016				
1599.73	-0.013	192	-0.0142				
1599.77	-0.011	192.1	-0.0124				
1599.80	-0.01	192.2	-0.0107				
1599.83	-0.008	192.3	-0.008				
1599.87	-0.007	192.4	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1599.90	-0.004	192.5	-0.0053				
1599.93	-0.004	192.5	-0.0027				
1599.97	-0.004	192.7	0				
1600.00	-0.001	192.9	0.0044				
1600.03	0.001	193.1	0.0071				
1600.07	0.003	193.2	0.0107				
1600.10	0.005	193.5	0.0151				
1600.13	0.006	193.7	0.0151				
1600.17	0.006	193.7	0.016				
1600.20	0.007	193.8	0.0195				
1600.23	0.01	194.1	0.0231				
1600.27	0.013	194.3	0.0275				
1600.30	0.013	194.5	0.0311				
1600.33	0.016	194.8	0.0346				
1600.37	0.018	195.1	0.0346				
1600.42	0.019	195.3	0.0408				
1600.45	0.02	195.6	0.0426				
1600.47	0.022	195.8	0.0426				
1600.50	0.023	195.8	0.0462				
1600.53	0.023	196	0.0479				
1600.57	0.024	196.3	0.0506				
1600.60	0.026	196.5	0.0541				
1600.63	0.027	196.7	0.055				
1600.67	0.027	196.9	0.0568				
1600.70	0.028	197.1	0.0568				
1600.73	0.028	197.1	0.0577				
1600.77	0.028	197.2	0.0586				
1600.80	0.029	197.3	0.0586				
1600.83	0.029	197.5	0.0595				
1600.87	0.029	197.6	0.0595				
1600.90	0.029	197.7	0.0595				
1600.93	0.028	197.7	0.0595				
1600.97	0.027	197.7	0.0586				
1601.00	0.027	197.8	0.0577				
1601.03	0.026	197.8	0.0559				
1601.07	0.025	197.7	0.0541				
1601.10	0.024	197.7	0.0533				
1601.13	0.023	197.7	0.0515				
1601.17	0.02	197.6	0.0515				
1601.20	0.019	197.6	0.0488				
1601.23	0.019	197.5	0.047				
1601.27	0.018	197.4	0.0435				
1601.30	0.015	197.2	0.0408				
1601.33	0.014	197.1	0.0382				
1601.37	0.012	196.9	0.0337				
1601.40	0.009	196.7	0.0337				
1601.43	0.007	196.7	0.0302				
1601.47	0.007	196.5	0.0275				
1601.50	0.006	196.3	0.0231				
1601.53	0.003	196	0.0186				
1601.57	0.001	195.8	0.016				
1601.60	0	195.6	0.0115				
1601.63	-0.003	195.2	0.0115				
1601.67	-0.005	195.2	0.0071				
1601.70	-0.005	194.9	0.0044				
1601.73	-0.006	194.7	0.0009				
1601.77	-0.009	194.4	-0.0027				
1601.80	-0.01	194.2	-0.0053				
1601.85	-0.011	193.9	-0.0089				
1601.88	-0.012	193.7	-0.0098				
1601.92	-0.013	193.5	-0.0115				
1601.93	-0.014	193.3	-0.0142				
1601.97	-0.016	193	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1602.00	-0.016	192.8	-0.016				
1602.03	-0.016	192.8	-0.0169				
1602.07	-0.016	192.7	-0.0186				
1602.10	-0.017	192.5	-0.0195				
1602.13	-0.017	192.4	-0.0195				
1602.17	-0.017	192.2	-0.0195				
1602.20	-0.017	192.2	-0.0195				
1602.23	-0.017	192.1	-0.0195				
1602.27	-0.017	192.1	-0.0195				
1602.30	-0.016	192	-0.0186				
1602.33	-0.015	192	-0.0178				
1602.37	-0.014	192	-0.0169				
1602.40	-0.014	192	-0.0151				
1602.43	-0.013	192.1	-0.0142				
1602.47	-0.01	192.2	-0.0142				
1602.50	-0.009	192.2	-0.0115				
1602.53	-0.009	192.2	-0.0098				
1602.57	-0.008	192.3	-0.0071				
1602.60	-0.005	192.5	-0.0036				
1602.63	-0.004	192.6	-0.0009				
1602.67	-0.003	192.8	0.0018				
1602.70	0.001	193	0.0018				
1602.73	0.002	193	0.0062				
1602.77	0.002	193.1	0.0089				
1602.80	0.003	193.4	0.0124				
1602.83	0.007	193.6	0.0169				
1602.87	0.009	193.8	0.0204				
1602.90	0.01	194.1	0.0249				
1602.93	0.013	194.4	0.0249				
1602.97	0.014	194.4	0.0293				
1603.00	0.014	194.6	0.032				
1603.03	0.016	194.9	0.0364				
1603.07	0.019	195.2	0.0408				
1603.10	0.02	195.4	0.0426				
1603.13	0.021	195.7	0.0462				
1603.17	0.024	196	0.0462				
1603.20	0.024	196	0.0497				
1603.23	0.024	196.2	0.0515				
1603.27	0.025	196.4	0.0533				
1603.32	0.027	196.6	0.055				
1603.35	0.027	196.8	0.0559				
1603.37	0.028	196.9	0.0568				
1603.40	0.028	197.1	0.0586				
1603.43	0.029	197.3	0.0595				
1603.47	0.029	197.4	0.0595				
1603.50	0.029	197.5	0.0595				
1603.53	0.029	197.6	0.0595				
1603.57	0.029	197.6	0.0595				
1603.60	0.029	197.7	0.0595				
1603.63	0.028	197.7	0.0586				
1603.67	0.027	197.8	0.0577				
1603.70	0.026	197.8	0.0568				
1603.73	0.025	197.8	0.055				
1603.77	0.023	197.7	0.055				
1603.80	0.023	197.7	0.0533				
1603.83	0.023	197.7	0.0515				
1603.87	0.021	197.5	0.0488				
1603.90	0.018	197.4	0.0462				
1603.93	0.017	197.3	0.0435				
1603.97	0.016	197.2	0.0408				
1604.00	0.012	197	0.0408				
1604.03	0.011	197	0.0373				
1604.07	0.011	196.9	0.0337				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1604.10	0.01	196.6	0.0302				
1604.13	0.006	196.4	0.0257				
1604.17	0.005	196.2	0.0231				
1604.20	0.003	195.9	0.0178				
1604.23	-0.001	195.7	0.0178				
1604.27	-0.001	195.7	0.0133				
1604.30	-0.001	195.4	0.0107				
1604.33	-0.002	195.1	0.008				
1604.37	-0.006	194.8	0.0027				
1604.40	-0.007	194.6	0				
1604.43	-0.008	194.3	-0.0036				
1604.47	-0.011	194	-0.0036				
1604.50	-0.011	194	-0.0062				
1604.53	-0.011	193.8	-0.0089				
1604.57	-0.012	193.5	-0.0115				
1604.60	-0.015	193.3	-0.0142				
1604.63	-0.015	193.1	-0.0151				
1604.67	-0.016	192.9	-0.0169				
1604.70	-0.016	192.7	-0.0169				
1604.73	-0.017	192.7	-0.0178				
1604.78	-0.017	192.4	-0.0186				
1604.82	-0.017	192.3	-0.0186				
1604.83	-0.017	192.3	-0.0195				
1604.87	-0.017	192.2	-0.0195				
1604.90	-0.017	192.1	-0.0195				
1604.93	-0.017	192.1	-0.0186				
1604.97	-0.016	192	-0.0186				
1605.00	-0.015	192	-0.0169				
1605.03	-0.014	192	-0.0169				
1605.07	-0.013	192	-0.016				
1605.10	-0.013	192	-0.0151				
1605.13	-0.012	192	-0.0124				
1605.17	-0.01	192.2	-0.0107				
1605.20	-0.009	192.2	-0.0089				
1605.23	-0.007	192.3	-0.0053				
1605.27	-0.005	192.5	-0.0053				
1605.30	-0.003	192.7	-0.0027				
1605.33	-0.003	192.7	0				
1605.37	-0.002	192.8	0.0036				
1605.40	0.001	193.1	0.008				
1605.43	0.004	193.3	0.0107				
1605.47	0.004	193.4	0.0142				
1605.50	0.007	193.7	0.0142				
1605.53	0.01	193.9	0.0186				
1605.57	0.01	193.9	0.0222				
1605.60	0.01	194.1	0.0257				
1605.63	0.014	194.5	0.0311				
1605.67	0.016	194.7	0.0346				
1605.70	0.017	194.9	0.0382				
1605.73	0.019	195.2	0.0382				
1605.77	0.021	195.5	0.0417				
1605.80	0.021	195.5	0.0444				
1605.83	0.022	195.8	0.047				
1605.87	0.023	196	0.0497				
1605.90	0.025	196.3	0.0524				
1605.93	0.025	196.4	0.0541				
1605.97	0.027	196.7	0.0568				
1606.00	0.028	196.9	0.0568				
1606.03	0.028	196.9	0.0577				
1606.07	0.028	197	0.0577				
1606.10	0.028	197.2	0.0586				
1606.13	0.029	197.3	0.0595				
1606.17	0.029	197.5	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1606.22	0.029	197.6	0.0604				
1606.25	0.029	197.7	0.0604				
1606.28	0.029	197.7	0.0595				
1606.30	0.028	197.7	0.0586				
1606.33	0.026	197.8	0.0586				
1606.37	0.025	197.8	0.0568				
1606.40	0.025	197.8	0.0559				
1606.43	0.025	197.8	0.0541				
1606.47	0.022	197.7	0.0524				
1606.50	0.022	197.6	0.0506				
1606.53	0.02	197.5	0.0479				
1606.57	0.017	197.4	0.0479				
1606.60	0.016	197.4	0.0453				
1606.63	0.016	197.3	0.0426				
1606.67	0.015	197.1	0.0391				
1606.70	0.011	196.9	0.0355				
1606.73	0.011	196.8	0.0328				
1606.77	0.009	196.5	0.0284				
1606.80	0.005	196.3	0.0284				
1606.83	0.004	196.3	0.024				
1606.87	0.004	196.1	0.0213				
1606.90	0.003	195.9	0.0178				
1606.93	-0.001	195.6	0.0124				
1606.97	-0.002	195.3	0.0089				
1607.00	-0.004	195	0.0053				
1607.03	-0.007	194.7	0.0053				
1607.07	-0.008	194.7	0.0018				
1607.10	-0.008	194.5	-0.0009				
1607.13	-0.009	194.2	-0.0044				
1607.17	-0.011	193.9	-0.0071				
1607.20	-0.012	193.7	-0.0098				
1607.23	-0.013	193.5	-0.0115				
1607.27	-0.015	193.2	-0.0115				
1607.30	-0.015	193.1	-0.0142				
1607.33	-0.015	193.1	-0.0151				
1607.37	-0.016	192.9	-0.0169				
1607.40	-0.017	192.7	-0.0178				
1607.43	-0.017	192.5	-0.0186				
1607.47	-0.017	192.4	-0.0195				
1607.50	-0.017	192.3	-0.0195				
1607.53	-0.017	192.2	-0.0195				
1607.57	-0.017	192.2	-0.0195				
1607.60	-0.017	192.1	-0.0186				
1607.63	-0.016	192.1	-0.0178				
1607.68	-0.015	192	-0.0169				
1607.72	-0.015	192	-0.0169				
1607.73	-0.014	192	-0.0151				
1607.77	-0.012	192.1	-0.0142				
1607.80	-0.012	192.1	-0.0115				
1607.83	-0.01	192.3	-0.0089				
1607.87	-0.007	192.3	-0.0089				
1607.90	-0.007	192.3	-0.0062				
1607.93	-0.007	192.4	-0.0044				
1607.97	-0.005	192.6	-0.0009				
1608.00	-0.002	192.8	0.0018				
1608.03	-0.001	192.9	0.0053				
1608.07	0.002	193.2	0.0089				
1608.10	0.004	193.4	0.0089				
1608.13	0.004	193.4	0.0124				
1608.17	0.005	193.5	0.016				
1608.20	0.008	193.9	0.0204				
1608.23	0.011	194.1	0.024				
1608.27	0.012	194.3	0.0284				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1608.30	0.014	194.6	0.0328				
1608.33	0.017	194.9	0.0328				
1608.37	0.017	194.9	0.0364				
1608.40	0.017	195.1	0.0391				
1608.43	0.019	195.4	0.0426				
1608.47	0.022	195.7	0.0462				
1608.50	0.022	195.9	0.0479				
1608.53	0.024	196.2	0.0515				
1608.57	0.026	196.4	0.0515				
1608.60	0.026	196.4	0.0533				
1608.63	0.026	196.6	0.055				
1608.67	0.027	196.8	0.0568				
1608.70	0.028	197	0.0577				
1608.73	0.028	197.1	0.0586				
1608.77	0.029	197.2	0.0595				
1608.80	0.029	197.4	0.0595				
1608.83	0.029	197.4	0.0604				
1608.87	0.029	197.5	0.0604				
1608.90	0.029	197.6	0.0604				
1608.93	0.028	197.7	0.0595				
1608.97	0.028	197.7	0.0586				
1609.00	0.027	197.7	0.0577				
1609.03	0.025	197.7	0.0577				
1609.07	0.025	197.7	0.0568				
1609.12	0.023	197.7	0.0541				
1609.15	0.022	197.7	0.0541				
1609.18	0.021	197.7	0.0524				
1609.20	0.021	197.6	0.0497				
1609.23	0.02	197.5	0.047				
1609.27	0.016	197.4	0.0444				
1609.30	0.016	197.3	0.0417				
1609.33	0.014	197.1	0.0382				
1609.37	0.011	196.9	0.0382				
1609.40	0.01	196.9	0.0346				
1609.43	0.01	196.7	0.0311				
1609.47	0.008	196.5	0.0275				
1609.50	0.004	196.2	0.0222				
1609.53	0.003	196	0.0195				
1609.57	0.002	195.8	0.0151				
1609.60	-0.002	195.4	0.0151				
1609.63	-0.003	195.4	0.0115				
1609.67	-0.003	195.2	0.008				
1609.70	-0.004	194.9	0.0044				
1609.73	-0.007	194.6	0.0009				
1609.77	-0.009	194.4	-0.0027				
1609.80	-0.01	194.1	-0.0053				
1609.83	-0.012	193.8	-0.0053				
1609.87	-0.013	193.6	-0.008				
1609.90	-0.013	193.6	-0.0098				
1609.93	-0.014	193.4	-0.0124				
1609.97	-0.015	193.1	-0.0151				
1610.00	-0.016	193	-0.016				
1610.03	-0.016	192.8	-0.0178				
1610.07	-0.017	192.6	-0.0178				
1610.10	-0.017	192.4	-0.0186				
1610.13	-0.017	192.4	-0.0186				
1610.17	-0.017	192.3	-0.0195				
1610.20	-0.017	192.2	-0.0195				
1610.23	-0.017	192.1	-0.0195				
1610.27	-0.017	192.1	-0.0186				
1610.30	-0.016	192.1	-0.0178				
1610.33	-0.014	192	-0.0178				
1610.37	-0.014	192	-0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1610.40	-0.014	192	-0.016				
1610.43	-0.013	192.1	-0.0142				
1610.47	-0.011	192.1	-0.0124				
1610.50	-0.01	192.2	-0.0098				
1610.53	-0.008	192.3	-0.0071				
1610.58	-0.006	192.4	-0.0044				
1610.62	-0.005	192.5	-0.0027				
1610.63	-0.004	192.7	0				
1610.67	-0.001	192.9	0				
1610.70	0	192.9	0.0036				
1610.73	0	193	0.0062				
1610.77	0.002	193.3	0.0098				
1610.80	0.005	193.5	0.0142				
1610.83	0.006	193.7	0.0178				
1610.87	0.008	194	0.0222				
1610.90	0.012	194.2	0.0222				
1610.93	0.013	194.2	0.0257				
1610.97	0.013	194.4	0.0302				
1611.00	0.014	194.7	0.0337				
1611.03	0.017	195	0.0382				
1611.07	0.018	195.2	0.0399				
1611.10	0.019	195.5	0.0435				
1611.13	0.023	195.8	0.0435				
1611.17	0.023	195.8	0.047				
1611.20	0.023	196	0.0488				
1611.23	0.024	196.2	0.0515				
1611.27	0.026	196.4	0.0541				
1611.30	0.026	196.6	0.0559				
1611.33	0.027	196.9	0.0577				
1611.37	0.028	197	0.0577				
1611.40	0.028	197	0.0586				
1611.43	0.028	197.2	0.0595				
1611.47	0.029	197.3	0.0595				
1611.50	0.029	197.5	0.0604				
1611.53	0.029	197.6	0.0604				
1611.57	0.029	197.6	0.0604				
1611.60	0.028	197.7	0.0604				
1611.63	0.027	197.7	0.0595				
1611.67	0.027	197.7	0.0586				
1611.70	0.027	197.8	0.0577				
1611.73	0.024	197.7	0.055				
1611.77	0.024	197.7	0.055				
1611.80	0.023	197.7	0.0524				
1611.83	0.021	197.6	0.0524				
1611.87	0.02	197.6	0.0497				
1611.90	0.02	197.5	0.047				
1611.93	0.018	197.4	0.0444				
1611.97	0.015	197.2	0.0408				
1612.00	0.014	197.1	0.0391				
1612.05	0.012	197	0.0364				
1612.08	0.011	196.8	0.0337				
1612.10	0.009	196.6	0.0302				
1612.13	0.007	196.4	0.0249				
1612.17	0.003	196.1	0.0249				
1612.20	0.002	195.9	0.0213				
1612.23	0.002	195.9	0.0178				
1612.27	0.001	195.7	0.0133				
1612.30	-0.003	195.3	0.0089				
1612.33	-0.004	195.1	0.0071				
1612.37	-0.005	194.8	0.0027				
1612.40	-0.008	194.5	0.0027				
1612.43	-0.009	194.2	-0.0009				
1612.47	-0.009	194.2	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1612.50	-0.01	194	-0.0071				
1612.53	-0.012	193.7	-0.0098				
1612.57	-0.014	193.5	-0.0124				
1612.60	-0.014	193.3	-0.0142				
1612.63	-0.015	193	-0.0142				
1612.67	-0.016	192.9	-0.016				
1612.70	-0.016	192.9	-0.0169				
1612.73	-0.016	192.7	-0.0186				
1612.77	-0.017	192.5	-0.0195				
1612.80	-0.017	192.4	-0.0195				
1612.83	-0.017	192.3	-0.0195				
1612.87	-0.017	192.2	-0.0195				
1612.90	-0.017	192.1	-0.0195				
1612.93	-0.017	192.1	-0.0186				
1612.97	-0.016	192.1	-0.0186				
1613.00	-0.015	192	-0.0178				
1613.03	-0.014	192	-0.016				
1613.07	-0.014	192	-0.0142				
1613.10	-0.012	192.1	-0.0124				
1613.13	-0.01	192.2	-0.0124				
1613.17	-0.009	192.2	-0.0107				
1613.20	-0.009	192.2	-0.0098				
1613.23	-0.008	192.4	-0.0071				
1613.27	-0.006	192.5	-0.0036				
1613.30	-0.004	192.6	-0.0009				
1613.33	-0.002	192.8	0.0027				
1613.37	0.001	193	0.0027				
1613.40	0.002	193	0.0062				
1613.43	0.002	193.2	0.0089				
1613.48	0.006	193.6	0.0133				
1613.52	0.007	193.6	0.016				
1613.53	0.007	193.8	0.0195				
1613.57	0.009	194.1	0.0231				
1613.60	0.012	194.3	0.0275				
1613.63	0.013	194.5	0.0311				
1613.67	0.015	194.8	0.0355				
1613.70	0.018	195.1	0.0355				
1613.73	0.019	195.1	0.0391				
1613.77	0.019	195.3	0.0417				
1613.80	0.02	195.6	0.0453				
1613.83	0.023	195.9	0.0479				
1613.87	0.024	196.1	0.0506				
1613.90	0.025	196.3	0.0524				
1613.93	0.026	196.5	0.0524				
1613.97	0.027	196.5	0.055				
1614.00	0.027	196.7	0.0559				
1614.03	0.027	196.9	0.0577				
1614.07	0.028	197.1	0.0586				
1614.10	0.029	197.2	0.0595				
1614.13	0.029	197.4	0.0595				
1614.17	0.029	197.5	0.0595				
1614.20	0.029	197.6	0.0595				
1614.23	0.029	197.6	0.0595				
1614.27	0.028	197.7	0.0595				
1614.30	0.028	197.7	0.0586				
1614.33	0.026	197.7	0.0577				
1614.37	0.026	197.8	0.0568				
1614.40	0.025	197.7	0.0568				
1614.43	0.023	197.7	0.055				
1614.47	0.023	197.7	0.0533				
1614.50	0.022	197.6	0.0506				
1614.53	0.02	197.5	0.0479				
1614.57	0.018	197.4	0.0462				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1614.60	0.017	197.3	0.0435				
1614.63	0.014	197.1	0.0435				
1614.67	0.012	197	0.0399				
1614.70	0.012	197	0.0364				
1614.73	0.011	196.8	0.0337				
1614.77	0.009	196.6	0.0302				
1614.80	0.006	196.4	0.0257				
1614.83	0.005	196.2	0.0222				
1614.87	0.002	195.9	0.0222				
1614.90	0	195.7	0.0169				
1614.95	-0.001	195.4	0.0115				
1614.98	-0.002	195.2	0.0115				
1615.00	-0.004	194.9	0.0089				
1615.03	-0.004	194.9	0.0053				
1615.07	-0.006	194.7	0.0009				
1615.10	-0.008	194.3	-0.0027				
1615.13	-0.01	194.1	-0.0053				
1615.17	-0.011	193.9	-0.008				
1615.20	-0.012	193.6	-0.008				
1615.23	-0.014	193.3	-0.0107				
1615.27	-0.014	193.3	-0.0133				
1615.30	-0.014	193.1	-0.0151				
1615.33	-0.016	192.9	-0.0169				
1615.37	-0.017	192.7	-0.0178				
1615.40	-0.017	192.6	-0.0186				
1615.43	-0.017	192.4	-0.0195				
1615.47	-0.017	192.3	-0.0195				
1615.50	-0.017	192.3	-0.0204				
1615.53	-0.017	192.2	-0.0204				
1615.57	-0.017	192.1	-0.0195				
1615.60	-0.016	192	-0.0186				
1615.63	-0.016	192	-0.0186				
1615.67	-0.015	192	-0.0178				
1615.70	-0.014	192	-0.0178				
1615.73	-0.013	192	-0.016				
1615.77	-0.013	192	-0.0151				
1615.80	-0.012	192.1	-0.0124				
1615.83	-0.01	192.2	-0.0107				
1615.87	-0.009	192.2	-0.0089				
1615.90	-0.007	192.3	-0.0062				
1615.93	-0.005	192.5	-0.0062				
1615.97	-0.003	192.5	-0.0027				
1616.00	-0.003	192.6	0.0009				
1616.03	-0.002	192.8	0.0036				
1616.07	0.002	193	0.0071				
1616.10	0.003	193.2	0.0098				
1616.13	0.004	193.5	0.0142				
1616.17	0.008	193.7	0.0142				
1616.20	0.009	193.7	0.0186				
1616.23	0.009	193.9	0.0222				
1616.27	0.01	194.2	0.0257				
1616.30	0.015	194.5	0.0311				
1616.33	0.015	194.6	0.0337				
1616.38	0.016	194.9	0.0373				
1616.42	0.019	195.1	0.0399				
1616.45	0.02	195.4	0.0426				
1616.47	0.021	195.7	0.0462				
1616.50	0.024	195.9	0.0462				
1616.53	0.024	195.9	0.0488				
1616.57	0.024	196.1	0.0506				
1616.60	0.025	196.4	0.0533				
1616.63	0.027	196.6	0.0559				
1616.67	0.027	196.8	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1616.70	0.028	196.9	0.0577				
1616.73	0.028	197.1	0.0577				
1616.77	0.029	197.2	0.0586				
1616.80	0.029	197.2	0.0595				
1616.83	0.029	197.4	0.0595				
1616.87	0.028	197.5	0.0595				
1616.90	0.028	197.6	0.0595				
1616.93	0.028	197.6	0.0595				
1616.97	0.028	197.7	0.0586				
1617.00	0.026	197.7	0.0586				
1617.03	0.026	197.7	0.0568				
1617.07	0.026	197.7	0.0559				
1617.10	0.025	197.7	0.0541				
1617.13	0.022	197.6	0.0524				
1617.17	0.022	197.6	0.0506				
1617.20	0.02	197.5	0.0479				
1617.23	0.017	197.3	0.0479				
1617.27	0.016	197.3	0.0444				
1617.30	0.016	197.3	0.0426				
1617.33	0.015	197.1	0.0391				
1617.37	0.012	196.9	0.0355				
1617.40	0.01	196.7	0.0328				
1617.43	0.009	196.5	0.0293				
1617.47	0.005	196.2	0.0293				
1617.50	0.004	196.2	0.024				
1617.53	0.004	196.1	0.0204				
1617.57	0.002	195.8	0.0169				
1617.60	-0.001	195.5	0.0124				
1617.63	-0.002	195.2	0.0098				
1617.67	-0.004	194.9	0.0053				
1617.70	-0.007	194.6	0.0053				
1617.73	-0.008	194.6	0.0018				
1617.77	-0.008	194.4	-0.0018				
1617.80	-0.009	194.1	-0.0044				
1617.85	-0.012	193.9	-0.0071				
1617.88	-0.012	193.7	-0.0089				
1617.90	-0.012	193.4	-0.0115				
1617.93	-0.015	193.2	-0.0133				
1617.97	-0.015	193	-0.0151				
1618.00	-0.016	192.8	-0.016				
1618.03	-0.017	192.6	-0.016				
1618.07	-0.017	192.6	-0.0178				
1618.10	-0.017	192.5	-0.0186				
1618.13	-0.017	192.4	-0.0186				
1618.17	-0.017	192.2	-0.0195				
1618.20	-0.017	192.1	-0.0195				
1618.23	-0.017	192.1	-0.0186				
1618.27	-0.016	192	-0.0186				
1618.30	-0.016	192	-0.0186				
1618.33	-0.016	192	-0.0178				
1618.37	-0.015	191.9	-0.0169				
1618.40	-0.014	192	-0.0151				
1618.43	-0.012	192	-0.0133				
1618.47	-0.011	192.1	-0.0115				
1618.50	-0.009	192.2	-0.0115				
1618.53	-0.008	192.2	-0.0098				
1618.57	-0.008	192.2	-0.0071				
1618.60	-0.007	192.4	-0.0044				
1618.63	-0.004	192.6	-0.0009				
1618.67	-0.002	192.7	0.0018				
1618.70	-0.001	192.9	0.0053				
1618.73	0.002	193.1	0.0053				
1618.77	0.004	193.3	0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1618.80	0.004	193.3	0.0124				
1618.83	0.005	193.5	0.0169				
1618.87	0.009	193.8	0.0204				
1618.90	0.01	194	0.024				
1618.93	0.012	194.2	0.0284				
1618.97	0.015	194.5	0.0284				
1619.00	0.016	194.8	0.0328				
1619.03	0.016	194.8	0.0355				
1619.07	0.017	195	0.0391				
1619.10	0.02	195.3	0.0426				
1619.13	0.022	195.6	0.0462				
1619.17	0.022	195.8	0.0479				
1619.20	0.024	196.1	0.0479				
1619.23	0.026	196.3	0.0506				
1619.28	0.026	196.5	0.0541				
1619.32	0.027	196.7	0.0559				
1619.35	0.027	196.9	0.0559				
1619.37	0.027	196.9	0.0568				
1619.40	0.028	197	0.0586				
1619.43	0.028	197.2	0.0595				
1619.47	0.029	197.3	0.0595				
1619.50	0.029	197.4	0.0604				
1619.53	0.029	197.5	0.0604				
1619.57	0.029	197.7	0.0604				
1619.60	0.028	197.7	0.0604				
1619.63	0.028	197.7	0.0595				
1619.67	0.027	197.7	0.0577				
1619.70	0.026	197.7	0.0568				
1619.73	0.025	197.7	0.0559				
1619.77	0.024	197.7	0.0533				
1619.80	0.022	197.6	0.0533				
1619.83	0.021	197.6	0.0515				
1619.87	0.021	197.6	0.0497				
1619.90	0.02	197.4	0.047				
1619.93	0.016	197.3	0.0435				
1619.97	0.015	197.2	0.0417				
1620.00	0.014	197	0.0382				
1620.03	0.01	196.8	0.0382				
1620.07	0.01	196.8	0.0337				
1620.10	0.01	196.7	0.032				
1620.13	0.008	196.4	0.0275				
1620.17	0.004	196.2	0.0222				
1620.20	0.004	196	0.0195				
1620.23	0.002	195.7	0.0151				
1620.27	-0.002	195.4	0.0151				
1620.30	-0.003	195.4	0.0107				
1620.33	-0.003	195.1	0.008				
1620.37	-0.004	194.8	0.0036				
1620.40	-0.008	194.6	0				
1620.43	-0.008	194.3	-0.0027				
1620.47	-0.01	194.1	-0.0062				
1620.50	-0.012	193.8	-0.0062				
1620.53	-0.013	193.8	-0.0089				
1620.57	-0.013	193.6	-0.0107				
1620.60	-0.014	193.3	-0.0124				
1620.63	-0.015	193.1	-0.0151				
1620.67	-0.016	192.9	-0.016				
1620.70	-0.016	192.7	-0.0178				
1620.75	-0.017	192.6	-0.0186				
1620.78	-0.017	192.4	-0.0186				
1620.80	-0.017	192.3	-0.0195				
1620.83	-0.017	192.2	-0.0195				
1620.87	-0.017	192.2	-0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1620.90	-0.017	192.1	-0.0195				
1620.93	-0.017	192	-0.0186				
1620.97	-0.016	192	-0.0178				
1621.00	-0.015	192	-0.0169				
1621.03	-0.014	191.9	-0.016				
1621.07	-0.013	192	-0.016				
1621.10	-0.012	192	-0.0142				
1621.13	-0.012	192	-0.0124				
1621.17	-0.011	192.1	-0.0107				
1621.20	-0.009	192.2	-0.0089				
1621.23	-0.007	192.3	-0.0062				
1621.27	-0.006	192.4	-0.0027				
1621.30	-0.003	192.6	-0.0027				
1621.33	-0.001	192.8	0.0009				
1621.37	-0.001	192.8	0.0036				
1621.40	0	193	0.0062				
1621.43	0.003	193.3	0.0107				
1621.47	0.005	193.4	0.0142				
1621.50	0.006	193.6	0.0178				
1621.53	0.009	193.9	0.0178				
1621.57	0.011	194.1	0.0222				
1621.60	0.011	194.1	0.0257				
1621.63	0.013	194.4	0.0311				
1621.67	0.015	194.7	0.0346				
1621.70	0.017	194.9	0.0373				
1621.73	0.018	195.1	0.0408				
1621.77	0.02	195.5	0.0444				
1621.80	0.022	195.7	0.0444				
1621.83	0.022	195.7	0.047				
1621.87	0.023	195.9	0.0497				
1621.90	0.024	196.2	0.0524				
1621.93	0.026	196.4	0.0541				
1621.97	0.027	196.6	0.0559				
1622.00	0.027	196.8	0.0568				
1622.03	0.028	197	0.0568				
1622.07	0.028	197	0.0586				
1622.10	0.028	197.1	0.0586				
1622.13	0.029	197.3	0.0595				
1622.17	0.029	197.4	0.0604				
1622.22	0.029	197.5	0.0604				
1622.25	0.029	197.6	0.0604				
1622.27	0.028	197.7	0.0595				
1622.30	0.027	197.7	0.0586				
1622.33	0.027	197.7	0.0577				
1622.37	0.025	197.7	0.0577				
1622.40	0.025	197.7	0.0559				
1622.43	0.025	197.7	0.055				
1622.47	0.024	197.7	0.0533				
1622.50	0.021	197.6	0.0506				
1622.53	0.02	197.5	0.0488				
1622.57	0.019	197.4	0.0462				
1622.60	0.015	197.2	0.0462				
1622.63	0.015	197.2	0.0426				
1622.67	0.015	197.2	0.0399				
1622.70	0.013	197	0.0364				
1622.73	0.01	196.7	0.0328				
1622.77	0.009	196.6	0.0302				
1622.80	0.007	196.3	0.0249				
1622.83	0.003	196.1	0.0249				
1622.87	0.002	196.1	0.0204				
1622.90	0.002	195.9	0.0178				
1622.93	0.001	195.6	0.0133				
1622.97	-0.003	195.2	0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1623.00	-0.004	195	0.0062				
1623.03	-0.005	194.7	0.0027				
1623.07	-0.008	194.4	0.0027				
1623.10	-0.009	194.4	-0.0009				
1623.13	-0.009	194.2	-0.0036				
1623.17	-0.01	193.9	-0.0071				
1623.20	-0.013	193.7	-0.0098				
1623.23	-0.013	193.5	-0.0115				
1623.27	-0.014	193.3	-0.0133				
1623.30	-0.016	193	-0.0133				
1623.33	-0.016	193	-0.0151				
1623.37	-0.016	192.8	-0.0169				
1623.40	-0.016	192.7	-0.0178				
1623.43	-0.017	192.5	-0.0186				
1623.47	-0.017	192.4	-0.0195				
1623.50	-0.017	192.2	-0.0195				
1623.53	-0.017	192.1	-0.0195				
1623.57	-0.017	192.1	-0.0195				
1623.60	-0.017	192.1	-0.0186				
1623.65	-0.016	192	-0.0178				
1623.68	-0.015	191.9	-0.0178				
1623.72	-0.015	191.9	-0.0169				
1623.73	-0.014	191.9	-0.016				
1623.77	-0.013	192	-0.0142				
1623.80	-0.011	192.1	-0.0115				
1623.83	-0.01	192.1	-0.0098				
1623.87	-0.008	192.3	-0.0071				
1623.90	-0.006	192.4	-0.0071				
1623.93	-0.005	192.4	-0.0044				
1623.97	-0.005	192.5	-0.0027				
1624.00	-0.003	192.7	0.0009				
1624.03	0	192.9	0.0044				
1624.07	0.001	193	0.008				
1624.10	0.003	193.3	0.0115				
1624.13	0.006	193.5	0.0115				
1624.17	0.007	193.5	0.016				
1624.20	0.007	193.7	0.0195				
1624.23	0.009	194	0.0231				
1624.27	0.012	194.2	0.0284				
1624.30	0.014	194.4	0.0311				
1624.33	0.015	194.7	0.0346				
1624.37	0.018	195	0.0346				
1624.40	0.019	195	0.0391				
1624.43	0.019	195.2	0.0417				
1624.47	0.02	195.6	0.0444				
1624.50	0.023	195.8	0.0479				
1624.53	0.023	196	0.0497				
1624.57	0.025	196.3	0.0524				
1624.60	0.027	196.5	0.0524				
1624.63	0.027	196.5	0.055				
1624.67	0.027	196.7	0.0559				
1624.70	0.027	196.8	0.0568				
1624.73	0.028	197	0.0586				
1624.77	0.029	197.2	0.0595				
1624.80	0.029	197.3	0.0595				
1624.83	0.029	197.4	0.0595				
1624.87	0.029	197.4	0.0604				
1624.90	0.029	197.5	0.0604				
1624.93	0.029	197.6	0.0595				
1624.97	0.027	197.7	0.0586				
1625.00	0.027	197.7	0.0577				
1625.03	0.026	197.7	0.0559				
1625.07	0.024	197.7	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1625.12	0.023	197.6	0.0533				
1625.15	0.023	197.6	0.0524				
1625.17	0.021	197.5	0.0524				
1625.20	0.019	197.5	0.0497				
1625.23	0.019	197.5	0.0479				
1625.27	0.018	197.4	0.0444				
1625.30	0.015	197.2	0.0417				
1625.33	0.014	197	0.0382				
1625.37	0.013	196.9	0.0355				
1625.40	0.009	196.6	0.0355				
1625.43	0.007	196.5	0.0311				
1625.47	0.007	196.5	0.0284				
1625.50	0.006	196.3	0.0231				
1625.53	0.003	196	0.0195				
1625.57	0.001	195.7	0.016				
1625.60	0	195.5	0.0124				
1625.63	-0.003	195.1	0.0124				
1625.67	-0.005	194.9	0.008				
1625.70	-0.005	194.9	0.0053				
1625.73	-0.006	194.7	0.0009				
1625.77	-0.008	194.3	-0.0018				
1625.80	-0.01	194.1	-0.0053				
1625.83	-0.011	193.9	-0.0071				
1625.87	-0.012	193.6	-0.0071				
1625.90	-0.014	193.3	-0.0098				
1625.93	-0.014	193.3	-0.0124				
1625.97	-0.015	193.2	-0.0142				
1626.00	-0.016	192.9	-0.016				
1626.03	-0.017	192.7	-0.0169				
1626.07	-0.017	192.6	-0.0178				
1626.10	-0.017	192.4	-0.0186				
1626.13	-0.017	192.3	-0.0186				
1626.17	-0.017	192.3	-0.0186				
1626.20	-0.017	192.2	-0.0195				
1626.23	-0.017	192.1	-0.0195				
1626.27	-0.017	192.1	-0.0186				
1626.30	-0.016	192	-0.0178				
1626.33	-0.015	192	-0.0169				
1626.37	-0.014	192	-0.0169				
1626.40	-0.013	192	-0.016				
1626.43	-0.013	192	-0.0142				
1626.47	-0.012	192.1	-0.0124				
1626.50	-0.009	192.2	-0.0098				
1626.55	-0.009	192.2	-0.008				
1626.58	-0.008	192.3	-0.0071				
1626.62	-0.005	192.4	-0.0036				
1626.63	-0.005	192.5	-0.0009				
1626.67	-0.002	192.7	0.0036				
1626.70	0.001	193	0.0036				
1626.73	0.002	193	0.0062				
1626.77	0.002	193.1	0.0098				
1626.80	0.004	193.4	0.0142				
1626.83	0.007	193.6	0.0178				
1626.87	0.008	193.8	0.0204				
1626.90	0.01	194.1	0.0249				
1626.93	0.014	194.3	0.0249				
1626.97	0.014	194.3	0.0302				
1627.00	0.014	194.5	0.0328				
1627.03	0.016	194.8	0.0364				
1627.07	0.019	195.1	0.0408				
1627.10	0.02	195.3	0.0426				
1627.13	0.021	195.6	0.0462				
1627.17	0.024	195.9	0.0462				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1627.20	0.024	195.9	0.0488				
1627.23	0.024	196.1	0.0506				
1627.27	0.025	196.3	0.0533				
1627.30	0.027	196.5	0.055				
1627.33	0.027	196.7	0.0568				
1627.37	0.028	196.9	0.0586				
1627.40	0.028	197.1	0.0586				
1627.43	0.029	197.2	0.0595				
1627.47	0.029	197.2	0.0595				
1627.50	0.029	197.3	0.0595				
1627.53	0.029	197.5	0.0595				
1627.57	0.029	197.5	0.0595				
1627.60	0.028	197.6	0.0595				
1627.63	0.027	197.6	0.0595				
1627.67	0.026	197.7	0.0586				
1627.70	0.026	197.7	0.0577				
1627.73	0.026	197.7	0.0559				
1627.77	0.024	197.6	0.0541				
1627.80	0.022	197.6	0.0524				
1627.83	0.022	197.6	0.0506				
1627.87	0.02	197.4	0.0479				
1627.90	0.017	197.3	0.0479				
1627.93	0.017	197.3	0.0453				
1627.97	0.016	197.2	0.0417				
1628.02	0.013	196.9	0.0391				
1628.05	0.011	196.9	0.0373				
1628.07	0.011	196.8	0.0337				
1628.10	0.01	196.5	0.0302				
1628.13	0.006	196.3	0.0257				
1628.17	0.005	196.1	0.0231				
1628.20	0.003	195.8	0.0186				
1628.23	0	195.6	0.0186				
1628.27	-0.001	195.6	0.0142				
1628.30	-0.001	195.3	0.0115				
1628.33	-0.003	195	0.0071				
1628.37	-0.006	194.7	0.0036				
1628.40	-0.007	194.5	0				
1628.43	-0.008	194.2	-0.0027				
1628.47	-0.011	193.9	-0.0027				
1628.50	-0.011	193.9	-0.0062				
1628.53	-0.011	193.7	-0.0089				
1628.57	-0.013	193.5	-0.0107				
1628.60	-0.015	193.2	-0.0133				
1628.63	-0.015	193	-0.0151				
1628.67	-0.015	192.8	-0.0169				
1628.70	-0.017	192.6	-0.0169				
1628.73	-0.017	192.6	-0.0178				
1628.77	-0.017	192.5	-0.0186				
1628.80	-0.017	192.4	-0.0186				
1628.83	-0.017	192.2	-0.0195				
1628.87	-0.017	192.1	-0.0195				
1628.90	-0.017	192	-0.0186				
1628.93	-0.016	192	-0.0186				
1628.97	-0.015	192	-0.0186				
1629.00	-0.015	192	-0.0178				
1629.03	-0.015	191.9	-0.0169				
1629.07	-0.014	192	-0.0151				
1629.10	-0.012	192	-0.0142				
1629.13	-0.011	192	-0.0115				
1629.17	-0.009	192.2	-0.0115				
1629.20	-0.008	192.2	-0.0089				
1629.23	-0.008	192.2	-0.0071				
1629.27	-0.007	192.3	-0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1629.30	-0.004	192.6	-0.0009				
1629.33	-0.002	192.7	0.0018				
1629.37	-0.001	192.9	0.0053				
1629.40	0.002	193.1	0.0053				
1629.43	0.004	193.3	0.0089				
1629.48	0.005	193.4	0.0142				
1629.52	0.007	193.7	0.0142				
1629.53	0.01	193.9	0.0186				
1629.57	0.01	193.9	0.0222				
1629.60	0.011	194.1	0.0257				
1629.63	0.013	194.4	0.0311				
1629.67	0.016	194.7	0.0346				
1629.70	0.017	194.9	0.0382				
1629.73	0.019	195.2	0.0417				
1629.77	0.021	195.5	0.0417				
1629.80	0.021	195.5	0.0444				
1629.83	0.022	195.7	0.047				
1629.87	0.023	196	0.0497				
1629.90	0.025	196.2	0.0524				
1629.93	0.026	196.4	0.0541				
1629.97	0.027	196.6	0.0559				
1630.00	0.028	196.8	0.0559				
1630.03	0.028	196.8	0.0568				
1630.07	0.028	196.9	0.0577				
1630.10	0.028	197.1	0.0586				
1630.13	0.029	197.3	0.0595				
1630.17	0.029	197.4	0.0595				
1630.20	0.029	197.5	0.0604				
1630.23	0.029	197.6	0.0604				
1630.27	0.028	197.6	0.0595				
1630.30	0.028	197.6	0.0586				
1630.33	0.027	197.7	0.0577				
1630.37	0.026	197.7	0.0568				
1630.40	0.025	197.7	0.0559				
1630.43	0.024	197.6	0.0533				
1630.47	0.022	197.6	0.0533				
1630.50	0.021	197.6	0.0515				
1630.53	0.021	197.5	0.0497				
1630.57	0.019	197.4	0.0462				
1630.60	0.017	197.3	0.0435				
1630.63	0.015	197.1	0.0417				
1630.67	0.014	197	0.0382				
1630.70	0.01	196.8	0.0382				
1630.73	0.01	196.8	0.0346				
1630.77	0.01	196.6	0.032				
1630.80	0.008	196.4	0.0257				
1630.83	0.004	196.1	0.0222				
1630.87	0.003	195.9	0.0195				
1630.92	0.001	195.7	0.0151				
1630.95	0	195.5	0.0133				
1630.97	-0.002	195.2	0.0098				
1631.00	-0.003	195	0.0062				
1631.03	-0.006	194.6	0.0062				
1631.07	-0.008	194.4	0.0018				
1631.10	-0.008	194.4	-0.0009				
1631.13	-0.009	194.1	-0.0044				
1631.17	-0.011	193.8	-0.008				
1631.20	-0.013	193.6	-0.0098				
1631.23	-0.013	193.4	-0.0124				
1631.27	-0.014	193.1	-0.0124				
1631.30	-0.016	192.9	-0.0142				
1631.33	-0.016	192.9	-0.016				
1631.37	-0.016	192.8	-0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1631.40	-0.016	192.6	-0.0178				
1631.43	-0.017	192.4	-0.0186				
1631.47	-0.017	192.3	-0.0195				
1631.50	-0.017	192.2	-0.0195				
1631.53	-0.017	192.1	-0.0195				
1631.57	-0.016	192.1	-0.0195				
1631.60	-0.016	192	-0.0186				
1631.63	-0.016	191.9	-0.0186				
1631.67	-0.015	191.9	-0.0178				
1631.70	-0.015	191.9	-0.016				
1631.73	-0.013	192	-0.0142				
1631.77	-0.012	192	-0.0142				
1631.80	-0.011	192	-0.0124				
1631.83	-0.011	192.1	-0.0107				
1631.87	-0.01	192.2	-0.008				
1631.90	-0.006	192.3	-0.0053				
1631.93	-0.006	192.4	-0.0036				
1631.97	-0.004	192.6	0				
1632.00	-0.001	192.8	0				
1632.03	0	192.8	0.0036				
1632.07	0	192.9	0.0062				
1632.10	0.002	193.1	0.0098				
1632.13	0.005	193.4	0.0142				
1632.17	0.006	193.6	0.0169				
1632.20	0.008	193.9	0.0222				
1632.23	0.012	194.1	0.0222				
1632.27	0.013	194.1	0.0275				
1632.30	0.013	194.3	0.0293				
1632.33	0.014	194.6	0.0337				
1632.38	0.018	194.9	0.0373				
1632.42	0.018	195.1	0.0391				
1632.43	0.019	195.3	0.0426				
1632.47	0.021	195.6	0.0453				
1632.50	0.023	195.8	0.0479				
1632.53	0.024	196	0.0506				
1632.57	0.025	196.3	0.0506				
1632.60	0.026	196.3	0.0533				
1632.63	0.026	196.5	0.0541				
1632.67	0.027	196.7	0.0568				
1632.70	0.028	196.9	0.0577				
1632.73	0.028	197	0.0586				
1632.77	0.029	197.2	0.0595				
1632.80	0.029	197.3	0.0595				
1632.83	0.029	197.4	0.0595				
1632.87	0.029	197.4	0.0604				
1632.90	0.029	197.6	0.0604				
1632.93	0.028	197.6	0.0595				
1632.97	0.027	197.7	0.0586				
1633.00	0.027	197.7	0.0577				
1633.03	0.026	197.7	0.0577				
1633.07	0.024	197.7	0.0559				
1633.10	0.024	197.7	0.055				
1633.13	0.024	197.6	0.0524				
1633.17	0.021	197.5	0.0506				
1633.20	0.02	197.5	0.0488				
1633.23	0.019	197.4	0.0462				
1633.27	0.016	197.2	0.0462				
1633.30	0.014	197.1	0.0426				
1633.33	0.014	197.1	0.0399				
1633.37	0.013	197	0.0364				
1633.40	0.011	196.7	0.0328				
1633.43	0.008	196.5	0.0293				
1633.47	0.007	196.3	0.0257				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1633.50	0.005	196	0.0213				
1633.53	0.002	195.8	0.0213				
1633.57	0.002	195.8	0.0178				
1633.60	0	195.6	0.0133				
1633.63	-0.001	195.2	0.0098				
1633.67	-0.005	195	0.0062				
1633.70	-0.005	194.7	0.0027				
1633.73	-0.007	194.4	-0.0009				
1633.77	-0.01	194.1	-0.0009				
1633.82	-0.01	193.9	-0.0062				
1633.85	-0.011	193.7	-0.008				
1633.88	-0.013	193.5	-0.008				
1633.90	-0.013	193.5	-0.0107				
1633.93	-0.013	193.3	-0.0124				
1633.97	-0.015	193	-0.0151				
1634.00	-0.016	192.8	-0.0169				
1634.03	-0.016	192.7	-0.0169				
1634.07	-0.017	192.5	-0.0178				
1634.10	-0.017	192.4	-0.0178				
1634.13	-0.017	192.4	-0.0186				
1634.17	-0.017	192.2	-0.0195				
1634.20	-0.017	192.1	-0.0195				
1634.23	-0.017	192	-0.0195				
1634.27	-0.016	192	-0.0186				
1634.30	-0.016	191.9	-0.0178				
1634.33	-0.015	191.9	-0.0178				
1634.37	-0.014	191.9	-0.0169				
1634.40	-0.014	191.9	-0.016				
1634.43	-0.013	192	-0.0142				
1634.47	-0.011	192	-0.0124				
1634.50	-0.01	192.1	-0.0098				
1634.53	-0.009	192.2	-0.008				
1634.57	-0.006	192.3	-0.008				
1634.60	-0.005	192.3	-0.0044				
1634.63	-0.005	192.5	-0.0018				
1634.67	-0.003	192.6	0.0009				
1634.70	-0.001	192.8	0.0044				
1634.73	0.001	193	0.008				
1634.77	0.002	193.2	0.0107				
1634.80	0.006	193.5	0.0107				
1634.83	0.007	193.5	0.016				
1634.87	0.007	193.7	0.0195				
1634.90	0.009	193.9	0.0231				
1634.93	0.012	194.2	0.0284				
1634.97	0.014	194.4	0.0311				
1635.00	0.015	194.7	0.0355				
1635.03	0.018	195	0.0355				
1635.07	0.019	195.2	0.0391				
1635.10	0.019	195.2	0.0417				
1635.13	0.021	195.5	0.0444				
1635.17	0.022	195.8	0.0479				
1635.20	0.024	196	0.0497				
1635.23	0.024	196.2	0.0524				
1635.28	0.026	196.4	0.0541				
1635.32	0.027	196.6	0.0559				
1635.33	0.027	196.8	0.0568				
1635.37	0.028	196.9	0.0577				
1635.40	0.029	197.1	0.0577				
1635.43	0.029	197.1	0.0586				
1635.47	0.029	197.3	0.0595				
1635.50	0.029	197.4	0.0595				
1635.53	0.029	197.5	0.0595				
1635.57	0.029	197.6	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1635.60	0.028	197.7	0.0595				
1635.63	0.027	197.7	0.0595				
1635.67	0.026	197.7	0.0586				
1635.70	0.026	197.7	0.0568				
1635.73	0.026	197.7	0.0559				
1635.77	0.024	197.6	0.0541				
1635.80	0.023	197.6	0.0524				
1635.83	0.022	197.6	0.0497				
1635.87	0.019	197.4	0.0497				
1635.90	0.018	197.4	0.047				
1635.93	0.018	197.3	0.0453				
1635.97	0.017	197.2	0.0417				
1636.00	0.014	197	0.0391				
1636.03	0.012	196.9	0.0355				
1636.07	0.011	196.7	0.032				
1636.10	0.007	196.4	0.032				
1636.13	0.006	196.4	0.0275				
1636.17	0.006	196.3	0.024				
1636.20	0.004	196	0.0195				
1636.23	0.001	195.7	0.016				
1636.27	-0.001	195.5	0.0124				
1636.30	-0.002	195.2	0.0089				
1636.33	-0.005	194.9	0.0089				
1636.37	-0.006	194.7	0.0044				
1636.40	-0.006	194.7	0.0018				
1636.43	-0.007	194.4	-0.0018				
1636.47	-0.01	194.1	-0.0053				
1636.50	-0.011	193.8	-0.0071				
1636.53	-0.012	193.6	-0.0098				
1636.57	-0.014	193.3	-0.0098				
1636.60	-0.015	193.1	-0.0124				
1636.63	-0.015	193.1	-0.0142				
1636.67	-0.015	192.9	-0.016				
1636.72	-0.017	192.6	-0.0169				
1636.75	-0.017	192.6	-0.0178				
1636.78	-0.017	192.4	-0.0186				
1636.80	-0.017	192.3	-0.0195				
1636.83	-0.017	192.2	-0.0195				
1636.87	-0.017	192.1	-0.0195				
1636.90	-0.017	192	-0.0186				
1636.93	-0.016	192	-0.0186				
1636.97	-0.015	192	-0.0186				
1637.00	-0.015	191.9	-0.0178				
1637.03	-0.015	191.9	-0.0169				
1637.07	-0.013	191.9	-0.0151				
1637.10	-0.013	192	-0.0133				
1637.13	-0.011	192.1	-0.0115				
1637.17	-0.009	192.1	-0.0115				
1637.20	-0.008	192.1	-0.0089				
1637.23	-0.008	192.2	-0.0071				
1637.27	-0.006	192.4	-0.0044				
1637.30	-0.004	192.5	-0.0009				
1637.33	-0.003	192.7	0.0018				
1637.37	-0.001	192.9	0.0053				
1637.40	0.003	193.1	0.0053				
1637.43	0.004	193.1	0.0089				
1637.47	0.004	193.3	0.0124				
1637.50	0.006	193.6	0.0169				
1637.53	0.009	193.8	0.0204				
1637.57	0.01	194	0.024				
1637.60	0.012	194.3	0.0293				
1637.63	0.015	194.5	0.0293				
1637.67	0.016	194.5	0.0328				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1637.70	0.016	194.7	0.0355				
1637.73	0.017	195	0.0399				
1637.77	0.02	195.3	0.0435				
1637.80	0.021	195.6	0.0453				
1637.83	0.022	195.8	0.0488				
1637.87	0.025	196.1	0.0488				
1637.90	0.025	196.1	0.0506				
1637.93	0.025	196.3	0.0533				
1637.97	0.026	196.5	0.055				
1638.00	0.028	196.7	0.0568				
1638.03	0.028	196.9	0.0577				
1638.07	0.028	197	0.0586				
1638.10	0.029	197.2	0.0586				
1638.13	0.029	197.2	0.0595				
1638.18	0.029	197.4	0.0604				
1638.22	0.029	197.5	0.0604				
1638.23	0.028	197.5	0.0604				
1638.27	0.028	197.6	0.0595				
1638.30	0.028	197.7	0.0586				
1638.33	0.027	197.7	0.0577				
1638.37	0.026	197.7	0.0568				
1638.40	0.025	197.7	0.055				
1638.43	0.023	197.6	0.055				
1638.47	0.022	197.6	0.0533				
1638.50	0.022	197.6	0.0515				
1638.53	0.021	197.5	0.0488				
1638.57	0.018	197.4	0.0462				
1638.60	0.017	197.3	0.0444				
1638.63	0.016	197.2	0.0408				
1638.67	0.013	196.9	0.0408				
1638.70	0.011	196.8	0.0373				
1638.73	0.011	196.8	0.0346				
1638.77	0.01	196.6	0.0311				
1638.80	0.006	196.3	0.0257				
1638.83	0.005	196.1	0.0231				
1638.87	0.003	195.9	0.0186				
1638.90	0	195.6	0.0186				
1638.93	-0.001	195.4	0.0142				
1638.97	-0.001	195.4	0.0115				
1639.00	-0.002	195.1	0.0071				
1639.03	-0.006	194.7	0.0027				
1639.07	-0.007	194.5	0				
1639.10	-0.008	194.3	-0.0036				
1639.13	-0.01	194	-0.0036				
1639.17	-0.012	193.7	-0.0062				
1639.20	-0.012	193.7	-0.0089				
1639.23	-0.012	193.5	-0.0107				
1639.27	-0.014	193.2	-0.0133				
1639.30	-0.015	193	-0.0151				
1639.33	-0.016	192.8	-0.0169				
1639.37	-0.016	192.7	-0.0178				
1639.40	-0.017	192.5	-0.0178				
1639.43	-0.017	192.5	-0.0186				
1639.47	-0.017	192.4	-0.0186				
1639.50	-0.017	192.2	-0.0195				
1639.53	-0.017	192.1	-0.0195				
1639.57	-0.017	192	-0.0186				
1639.60	-0.017	192	-0.0186				
1639.65	-0.016	192	-0.0178				
1639.68	-0.015	191.9	-0.0178				
1639.70	-0.015	191.9	-0.016				
1639.73	-0.013	191.9	-0.016				
1639.77	-0.012	191.9	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1639.80	-0.012	192	-0.0133				
1639.83	-0.011	192	-0.0107				
1639.87	-0.008	192.2	-0.008				
1639.90	-0.007	192.2	-0.0062				
1639.93	-0.006	192.4	-0.0027				
1639.97	-0.002	192.6	-0.0027				
1640.00	-0.002	192.6	0				
1640.03	-0.002	192.7	0.0027				
1640.07	0	192.9	0.0071				
1640.10	0.003	193.2	0.0107				
1640.13	0.005	193.4	0.0142				
1640.17	0.006	193.6	0.0186				
1640.20	0.01	193.9	0.0186				
1640.23	0.011	193.9	0.0222				
1640.27	0.011	194.1	0.0257				
1640.30	0.012	194.3	0.0302				
1640.33	0.016	194.6	0.0346				
1640.37	0.017	194.8	0.0373				
1640.40	0.018	195.1	0.0408				
1640.43	0.021	195.4	0.0408				
1640.47	0.022	195.7	0.0444				
1640.50	0.022	195.7	0.0462				
1640.53	0.023	195.9	0.0497				
1640.57	0.025	196.1	0.0524				
1640.60	0.026	196.3	0.0541				
1640.63	0.026	196.5	0.0559				
1640.67	0.027	196.7	0.0559				
1640.70	0.028	196.9	0.0568				
1640.73	0.028	196.9	0.0586				
1640.77	0.028	197.1	0.0586				
1640.80	0.029	197.2	0.0595				
1640.83	0.029	197.3	0.0595				
1640.87	0.029	197.4	0.0595				
1640.90	0.029	197.5	0.0595				
1640.93	0.028	197.6	0.0595				
1640.97	0.027	197.6	0.0595				
1641.00	0.027	197.6	0.0586				
1641.03	0.027	197.7	0.0577				
1641.08	0.025	197.6	0.0559				
1641.12	0.025	197.7	0.055				
1641.15	0.024	197.6	0.0524				
1641.17	0.021	197.5	0.0506				
1641.20	0.02	197.4	0.0488				
1641.23	0.019	197.3	0.0453				
1641.27	0.015	197.2	0.0453				
1641.30	0.015	197.2	0.0426				
1641.33	0.015	197.1	0.0399				
1641.37	0.013	196.9	0.0364				
1641.40	0.01	196.7	0.0328				
1641.43	0.009	196.5	0.0302				
1641.47	0.007	196.3	0.0257				
1641.50	0.003	196	0.0257				
1641.53	0.002	196	0.0213				
1641.57	0.002	195.8	0.0178				
1641.60	0.001	195.6	0.0133				
1641.63	-0.003	195.2	0.0098				
1641.67	-0.004	195	0.0071				
1641.70	-0.005	194.7	0.0027				
1641.73	-0.008	194.4	0.0027				
1641.77	-0.009	194.1	-0.0009				
1641.80	-0.009	194.1	-0.0036				
1641.83	-0.01	193.9	-0.0071				
1641.87	-0.012	193.6	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1641.90	-0.013	193.4	-0.0115				
1641.93	-0.014	193.2	-0.0133				
1641.97	-0.015	192.9	-0.0133				
1642.00	-0.016	192.8	-0.0151				
1642.03	-0.016	192.8	-0.0169				
1642.07	-0.017	192.6	-0.0178				
1642.10	-0.017	192.4	-0.0186				
1642.13	-0.017	192.3	-0.0195				
1642.17	-0.017	192.2	-0.0195				
1642.20	-0.017	192.1	-0.0195				
1642.23	-0.017	192	-0.0195				
1642.27	-0.016	192	-0.0186				
1642.30	-0.016	192	-0.0186				
1642.33	-0.016	191.9	-0.0178				
1642.37	-0.014	191.9	-0.016				
1642.40	-0.014	191.9	-0.0151				
1642.43	-0.013	192	-0.0133				
1642.47	-0.01	192.1	-0.0133				
1642.50	-0.01	192.1	-0.0107				
1642.55	-0.008	192.2	-0.008				
1642.58	-0.007	192.3	-0.008				
1642.60	-0.005	192.3	-0.0062				
1642.63	-0.005	192.4	-0.0027				
1642.67	-0.004	192.6	0.0009				
1642.70	0	192.8	0.0044				
1642.73	0.001	192.9	0.008				
1642.77	0.003	193.2	0.0124				
1642.80	0.007	193.4	0.0124				
1642.83	0.007	193.4	0.016				
1642.87	0.007	193.6	0.0186				
1642.90	0.009	193.8	0.0231				
1642.93	0.012	194.1	0.0284				
1642.97	0.014	194.4	0.0311				
1643.00	0.015	194.6	0.0346				
1643.03	0.018	194.9	0.0346				
1643.07	0.02	195.2	0.0391				
1643.10	0.02	195.2	0.0417				
1643.13	0.02	195.4	0.0453				
1643.17	0.022	195.7	0.0479				
1643.20	0.024	196	0.0497				
1643.23	0.025	196.1	0.0524				
1643.27	0.026	196.4	0.0524				
1643.30	0.027	196.6	0.055				
1643.33	0.027	196.6	0.0568				
1643.37	0.028	196.8	0.0577				
1643.40	0.028	196.9	0.0586				
1643.43	0.029	197.1	0.0595				
1643.47	0.029	197.2	0.0595				
1643.50	0.029	197.3	0.0604				
1643.53	0.029	197.5	0.0604				
1643.57	0.029	197.5	0.0604				
1643.60	0.029	197.6	0.0595				
1643.63	0.028	197.6	0.0586				
1643.67	0.027	197.6	0.0577				
1643.70	0.026	197.6	0.0568				
1643.73	0.025	197.6	0.055				
1643.77	0.023	197.6	0.055				
1643.80	0.022	197.6	0.0533				
1643.83	0.022	197.5	0.0515				
1643.87	0.021	197.4	0.0488				
1643.90	0.018	197.3	0.0462				
1643.93	0.017	197.2	0.0444				
1643.98	0.016	197.1	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1644.02	0.013	197	0.0391				
1644.05	0.012	196.8	0.0364				
1644.07	0.011	196.6	0.0328				
1644.10	0.007	196.4	0.0328				
1644.13	0.006	196.4	0.0284				
1644.17	0.006	196.2	0.024				
1644.20	0.004	196	0.0204				
1644.23	0	195.7	0.016				
1644.27	0	195.4	0.0133				
1644.30	-0.002	195.1	0.0089				
1644.33	-0.006	194.8	0.0089				
1644.37	-0.006	194.8	0.0044				
1644.40	-0.006	194.6	0.0018				
1644.43	-0.007	194.3	-0.0018				
1644.47	-0.011	194	-0.0053				
1644.50	-0.011	193.8	-0.0071				
1644.53	-0.012	193.5	-0.0098				
1644.57	-0.014	193.3	-0.0098				
1644.60	-0.015	193.3	-0.0124				
1644.63	-0.015	193.1	-0.0133				
1644.67	-0.016	192.9	-0.016				
1644.70	-0.016	192.7	-0.0169				
1644.73	-0.017	192.5	-0.0178				
1644.77	-0.017	192.4	-0.0178				
1644.80	-0.017	192.3	-0.0178				
1644.83	-0.017	192.2	-0.0186				
1644.87	-0.017	192.2	-0.0195				
1644.90	-0.017	192.1	-0.0195				
1644.93	-0.017	192	-0.0186				
1644.97	-0.016	191.9	-0.0178				
1645.00	-0.015	191.9	-0.0169				
1645.03	-0.014	191.9	-0.0169				
1645.07	-0.013	192	-0.016				
1645.10	-0.013	192	-0.0142				
1645.13	-0.012	192	-0.0124				
1645.17	-0.01	192.1	-0.0098				
1645.20	-0.009	192.2	-0.008				
1645.23	-0.008	192.2	-0.0053				
1645.27	-0.005	192.5	-0.0053				
1645.30	-0.003	192.6	-0.0018				
1645.33	-0.003	192.6	0.0009				
1645.37	-0.002	192.7	0.0044				
1645.40	0.001	193	0.008				
1645.45	0.003	193.1	0.0107				
1645.48	0.003	193.3	0.0133				
1645.50	0.006	193.6	0.0169				
1645.53	0.009	193.8	0.0204				
1645.57	0.01	194	0.024				
1645.60	0.012	194.3	0.0293				
1645.63	0.015	194.5	0.0293				
1645.67	0.015	194.5	0.0328				
1645.70	0.016	194.7	0.0373				
1645.73	0.018	195	0.0408				
1645.77	0.02	195.3	0.0435				
1645.80	0.021	195.6	0.0462				
1645.83	0.022	195.8	0.0479				
1645.87	0.025	196.1	0.0479				
1645.90	0.025	196.1	0.0515				
1645.93	0.025	196.3	0.0533				
1645.97	0.026	196.5	0.055				
1646.00	0.027	196.7	0.0568				
1646.03	0.028	196.9	0.0577				
1646.07	0.028	197	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1646.10	0.029	197.2	0.0586				
1646.13	0.029	197.2	0.0595				
1646.17	0.029	197.3	0.0604				
1646.20	0.029	197.4	0.0604				
1646.23	0.029	197.5	0.0604				
1646.27	0.028	197.6	0.0595				
1646.30	0.028	197.6	0.0586				
1646.33	0.026	197.6	0.0586				
1646.37	0.026	197.6	0.0577				
1646.40	0.026	197.6	0.0568				
1646.43	0.025	197.6	0.0541				
1646.47	0.022	197.5	0.0524				
1646.50	0.021	197.5	0.0506				
1646.53	0.02	197.4	0.0479				
1646.57	0.017	197.3	0.0479				
1646.60	0.017	197.3	0.0453				
1646.63	0.017	197.2	0.0426				
1646.67	0.015	197	0.0399				
1646.70	0.011	196.8	0.0355				
1646.73	0.01	196.7	0.0328				
1646.77	0.009	196.4	0.0293				
1646.80	0.005	196.2	0.0293				
1646.83	0.004	196.2	0.024				
1646.88	0.003	195.8	0.0195				
1646.92	0.001	195.6	0.0195				
1646.95	-0.001	195.6	0.0169				
1646.97	-0.001	195.3	0.0124				
1647.00	-0.002	195	0.008				
1647.03	-0.006	194.7	0.0036				
1647.07	-0.007	194.4	0.0009				
1647.10	-0.008	194.2	-0.0027				
1647.13	-0.011	193.9	-0.0027				
1647.17	-0.011	193.9	-0.0053				
1647.20	-0.011	193.7	-0.0071				
1647.23	-0.013	193.4	-0.0098				
1647.27	-0.014	193.2	-0.0124				
1647.30	-0.015	193	-0.0142				
1647.33	-0.015	192.8	-0.0151				
1647.37	-0.016	192.6	-0.0151				
1647.40	-0.017	192.4	-0.0169				
1647.43	-0.017	192.4	-0.0178				
1647.47	-0.017	192.3	-0.0186				
1647.50	-0.017	192.2	-0.0186				
1647.53	-0.017	192.1	-0.0186				
1647.57	-0.017	192	-0.0186				
1647.60	-0.016	191.9	-0.0186				
1647.63	-0.016	191.9	-0.0178				
1647.67	-0.016	191.9	-0.0169				
1647.70	-0.015	191.9	-0.016				
1647.73	-0.014	191.9	-0.0142				
1647.77	-0.012	191.9	-0.0133				
1647.80	-0.012	192	-0.0115				
1647.83	-0.01	192.1	-0.0089				
1647.87	-0.007	192.2	-0.0089				
1647.90	-0.006	192.2	-0.0062				
1647.93	-0.006	192.3	-0.0044				
1647.97	-0.005	192.5	-0.0009				
1648.00	-0.001	192.6	0.0027				
1648.03	-0.001	192.8	0.0053				
1648.07	0.001	193	0.0098				
1648.10	0.005	193.2	0.0098				
1648.13	0.005	193.2	0.0133				
1648.17	0.005	193.4	0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1648.20	0.007	193.7	0.0204				
1648.23	0.011	194	0.0249				
1648.27	0.012	194.1	0.0284				
1648.30	0.013	194.4	0.032				
1648.35	0.017	194.7	0.0364				
1648.38	0.017	194.9	0.0373				
1648.40	0.018	195.1	0.0408				
1648.43	0.021	195.4	0.0408				
1648.47	0.022	195.4	0.0444				
1648.50	0.022	195.7	0.047				
1648.53	0.023	195.9	0.0497				
1648.57	0.025	196.1	0.0524				
1648.60	0.026	196.3	0.0541				
1648.63	0.027	196.5	0.0559				
1648.67	0.027	196.7	0.0559				
1648.70	0.028	196.7	0.0577				
1648.73	0.028	196.9	0.0586				
1648.77	0.028	197	0.0595				
1648.80	0.029	197.2	0.0595				
1648.83	0.029	197.3	0.0604				
1648.87	0.029	197.4	0.0604				
1648.90	0.029	197.5	0.0604				
1648.93	0.028	197.6	0.0604				
1648.97	0.028	197.6	0.0595				
1649.00	0.027	197.6	0.0586				
1649.03	0.026	197.6	0.0568				
1649.07	0.025	197.6	0.0559				
1649.10	0.024	197.6	0.0541				
1649.13	0.022	197.5	0.0515				
1649.17	0.021	197.4	0.0515				
1649.20	0.021	197.4	0.0506				
1649.23	0.019	197.4	0.047				
1649.27	0.017	197.2	0.0435				
1649.30	0.015	197.1	0.0417				
1649.33	0.014	196.9	0.0382				
1649.37	0.011	196.7	0.0346				
1649.40	0.009	196.5	0.0346				
1649.43	0.009	196.5	0.032				
1649.47	0.008	196.4	0.0275				
1649.50	0.005	196.1	0.0231				
1649.53	0.003	195.8	0.0195				
1649.57	0.002	195.6	0.016				
1649.60	-0.001	195.2	0.0115				
1649.63	-0.004	195	0.0115				
1649.67	-0.004	195	0.008				
1649.70	-0.004	194.8	0.0044				
1649.73	-0.006	194.4	0.0009				
1649.77	-0.009	194.2	-0.0027				
1649.82	-0.01	194	-0.0053				
1649.85	-0.01	193.7	-0.0071				
1649.87	-0.012	193.5	-0.0098				
1649.90	-0.013	193.3	-0.0115				
1649.93	-0.014	193	-0.0142				
1649.97	-0.016	192.8	-0.0142				
1650.00	-0.016	192.8	-0.016				
1650.03	-0.016	192.6	-0.0169				
1650.07	-0.016	192.5	-0.0178				
1650.10	-0.017	192.3	-0.0186				
1650.13	-0.017	192.2	-0.0186				
1650.17	-0.017	192.1	-0.0195				
1650.20	-0.017	192	-0.0195				
1650.23	-0.017	192	-0.0195				
1650.27	-0.017	191.9	-0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1650.30	-0.016	191.9	-0.0186				
1650.33	-0.015	191.8	-0.0178				
1650.37	-0.015	191.8	-0.0169				
1650.40	-0.014	191.9	-0.0151				
1650.43	-0.011	191.9	-0.0151				
1650.47	-0.011	191.9	-0.0133				
1650.50	-0.011	192	-0.0115				
1650.53	-0.009	192.1	-0.0089				
1650.57	-0.007	192.2	-0.0062				
1650.60	-0.006	192.3	-0.0036				
1650.63	-0.004	192.5	-0.0009				
1650.67	-0.001	192.7	-0.0009				
1650.70	0	192.7	0.0027				
1650.73	0	192.8	0.0062				
1650.77	0.002	193.1	0.0098				
1650.80	0.005	193.3	0.0133				
1650.83	0.006	193.5	0.0169				
1650.87	0.008	193.8	0.0213				
1650.90	0.012	194.1	0.0213				
1650.93	0.013	194.1	0.0257				
1650.97	0.013	194.2	0.0293				
1651.00	0.014	194.5	0.0328				
1651.03	0.017	194.8	0.0364				
1651.07	0.018	195	0.0399				
1651.10	0.02	195.3	0.0435				
1651.13	0.022	195.6	0.0435				
1651.17	0.023	195.6	0.0462				
1651.20	0.023	195.8	0.0479				
1651.25	0.025	196.2	0.0506				
1651.28	0.026	196.2	0.0524				
1651.32	0.026	196.4	0.0533				
1651.33	0.027	196.6	0.0559				
1651.37	0.028	196.8	0.0577				
1651.40	0.028	197	0.0577				
1651.43	0.029	197.1	0.0586				
1651.47	0.029	197.2	0.0586				
1651.50	0.029	197.4	0.0586				
1651.53	0.029	197.4	0.0586				
1651.57	0.029	197.4	0.0586				
1651.60	0.028	197.5	0.0586				
1651.63	0.028	197.6	0.0586				
1651.67	0.027	197.6	0.0568				
1651.70	0.026	197.6	0.0568				
1651.73	0.024	197.6	0.055				
1651.77	0.024	197.6	0.0541				
1651.80	0.024	197.6	0.0515				
1651.83	0.022	197.4	0.0497				
1651.87	0.02	197.4	0.0479				
1651.90	0.019	197.3	0.0453				
1651.93	0.016	197.1	0.0453				
1651.97	0.014	197	0.0417				
1652.00	0.014	197	0.0391				
1652.03	0.013	196.9	0.0355				
1652.07	0.011	196.6	0.032				
1652.10	0.008	196.4	0.0284				
1652.13	0.007	196.3	0.024				
1652.17	0.005	196	0.0204				
1652.20	0.002	195.7	0.0204				
1652.23	0.002	195.7	0.0169				
1652.27	0.001	195.5	0.0124				
1652.30	-0.002	195.1	0.0089				
1652.33	-0.005	194.9	0.0044				
1652.37	-0.005	194.6	0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1652.40	-0.007	194.3	-0.0018				
1652.43	-0.01	194.1	-0.0018				
1652.47	-0.01	194.1	-0.0053				
1652.50	-0.01	193.8	-0.008				
1652.53	-0.012	193.5	-0.0107				
1652.57	-0.014	193.3	-0.0133				
1652.60	-0.014	193.1	-0.0142				
1652.63	-0.015	192.9	-0.016				
1652.67	-0.016	192.7	-0.016				
1652.72	-0.016	192.6	-0.0186				
1652.75	-0.017	192.4	-0.0195				
1652.77	-0.017	192.3	-0.0195				
1652.80	-0.017	192.3	-0.0204				
1652.83	-0.017	192.1	-0.0204				
1652.87	-0.017	192	-0.0204				
1652.90	-0.017	191.9	-0.0204				
1652.93	-0.016	191.9	-0.0195				
1652.97	-0.016	191.8	-0.0195				
1653.00	-0.014	191.8	-0.0195				
1653.03	-0.014	191.8	-0.0178				
1653.07	-0.014	191.8	-0.0169				
1653.10	-0.013	191.9	-0.0151				
1653.13	-0.011	191.9	-0.0133				
1653.17	-0.01	192	-0.0115				
1653.20	-0.009	192.1	-0.0089				
1653.23	-0.006	192.3	-0.0089				
1653.27	-0.005	192.3	-0.0062				
1653.30	-0.005	192.4	-0.0036				
1653.33	-0.003	192.5	0				
1653.37	0	192.7	0.0036				
1653.40	0.001	192.9	0.0062				
1653.43	0.002	193.1	0.0098				
1653.47	0.006	193.4	0.0098				
1653.50	0.008	193.6	0.0142				
1653.53	0.008	193.6	0.0178				
1653.57	0.009	193.8	0.0213				
1653.60	0.012	194.1	0.0257				
1653.63	0.014	194.3	0.0302				
1653.67	0.015	194.5	0.0328				
1653.70	0.017	194.8	0.0328				
1653.73	0.02	195.1	0.0364				
1653.77	0.02	195.1	0.0399				
1653.80	0.02	195.3	0.0435				
1653.83	0.023	195.7	0.0462				
1653.87	0.024	195.9	0.0488				
1653.90	0.025	196.1	0.0506				
1653.93	0.026	196.3	0.0533				
1653.97	0.027	196.6	0.0533				
1654.00	0.027	196.6	0.055				
1654.03	0.027	196.7	0.0559				
1654.07	0.028	196.9	0.0568				
1654.10	0.029	197.1	0.0577				
1654.15	0.029	197.2	0.0577				
1654.18	0.029	197.3	0.0577				
1654.22	0.029	197.4	0.0586				
1654.23	0.029	197.5	0.0577				
1654.27	0.028	197.6	0.0577				
1654.30	0.027	197.6	0.0577				
1654.33	0.026	197.6	0.0568				
1654.37	0.026	197.6	0.0559				
1654.40	0.026	197.6	0.0541				
1654.43	0.023	197.6	0.0524				
1654.47	0.023	197.6	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1654.50	0.022	197.5	0.0488				
1654.53	0.019	197.3	0.0488				
1654.57	0.018	197.3	0.0453				
1654.60	0.018	197.3	0.0435				
1654.63	0.016	197.1	0.0399				
1654.67	0.013	196.9	0.0364				
1654.70	0.012	196.8	0.0337				
1654.73	0.011	196.6	0.0302				
1654.77	0.007	196.3	0.0302				
1654.80	0.006	196.3	0.0257				
1654.83	0.006	196.2	0.0222				
1654.87	0.004	195.9	0.0186				
1654.90	0.001	195.6	0.0142				
1654.93	0	195.4	0.0115				
1654.97	-0.002	195.1	0.0071				
1655.00	-0.005	194.8	0.0071				
1655.03	-0.006	194.5	0.0027				
1655.07	-0.006	194.5	0				
1655.10	-0.007	194.3	-0.0036				
1655.13	-0.01	194	-0.0071				
1655.17	-0.011	193.8	-0.0089				
1655.20	-0.012	193.5	-0.0115				
1655.23	-0.014	193.2	-0.0115				
1655.27	-0.015	193.1	-0.0142				
1655.30	-0.015	193.1	-0.016				
1655.33	-0.015	192.9	-0.0169				
1655.37	-0.016	192.7	-0.0178				
1655.40	-0.017	192.5	-0.0195				
1655.43	-0.017	192.3	-0.0204				
1655.47	-0.017	192.2	-0.0204				
1655.50	-0.017	192.1	-0.0204				
1655.53	-0.017	192.1	-0.0204				
1655.57	-0.017	192	-0.0204				
1655.62	-0.016	191.9	-0.0195				
1655.65	-0.015	191.9	-0.0195				
1655.67	-0.015	191.8	-0.0186				
1655.70	-0.015	191.8	-0.0178				
1655.73	-0.013	191.8	-0.016				
1655.77	-0.013	191.9	-0.0151				
1655.80	-0.011	192	-0.0124				
1655.83	-0.009	192.1	-0.0124				
1655.87	-0.008	192.1	-0.0107				
1655.90	-0.008	192.1	-0.008				
1655.93	-0.006	192.3	-0.0044				
1655.97	-0.003	192.5	-0.0018				
1656.00	-0.002	192.6	0.0009				
1656.03	-0.001	192.8	0.0044				
1656.07	0.003	193	0.0044				
1656.10	0.004	193	0.008				
1656.13	0.004	193.2	0.0115				
1656.17	0.006	193.5	0.016				
1656.20	0.009	193.7	0.0195				
1656.23	0.01	193.9	0.0222				
1656.27	0.011	194.2	0.0275				
1656.30	0.015	194.4	0.0275				
1656.33	0.016	194.4	0.032				
1656.37	0.016	194.6	0.0346				
1656.40	0.017	194.9	0.0382				
1656.43	0.02	195.2	0.0417				
1656.47	0.021	195.4	0.0444				
1656.50	0.022	195.7	0.0479				
1656.53	0.025	196	0.0479				
1656.57	0.025	196	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1656.60	0.025	196.2	0.0515				
1656.63	0.026	196.4	0.0541				
1656.67	0.027	196.6	0.0559				
1656.70	0.028	196.8	0.0568				
1656.73	0.028	196.9	0.0577				
1656.77	0.028	197.1	0.0577				
1656.80	0.029	197.1	0.0586				
1656.83	0.029	197.2	0.0586				
1656.87	0.029	197.3	0.0586				
1656.90	0.029	197.4	0.0586				
1656.93	0.028	197.5	0.0586				
1656.97	0.028	197.5	0.0577				
1657.00	0.026	197.5	0.0577				
1657.03	0.025	197.5	0.0559				
1657.08	0.025	197.6	0.0541				
1657.12	0.024	197.5	0.0541				
1657.13	0.022	197.5	0.0524				
1657.17	0.022	197.5	0.0506				
1657.20	0.021	197.4	0.0479				
1657.23	0.018	197.3	0.0453				
1657.27	0.017	197.2	0.0426				
1657.30	0.016	197.1	0.0399				
1657.33	0.013	196.8	0.0399				
1657.37	0.011	196.7	0.0364				
1657.40	0.011	196.7	0.0337				
1657.43	0.01	196.5	0.0302				
1657.47	0.007	196.2	0.0249				
1657.50	0.005	196	0.0222				
1657.53	0.003	195.8	0.0178				
1657.57	0	195.5	0.0178				
1657.60	-0.002	195.2	0.0133				
1657.63	-0.002	195.2	0.0098				
1657.67	-0.003	195	0.0071				
1657.70	-0.005	194.7	0.0027				
1657.73	-0.007	194.4	0				
1657.77	-0.008	194.2	-0.0036				
1657.80	-0.01	193.9	-0.0036				
1657.83	-0.012	193.6	-0.0071				
1657.87	-0.012	193.6	-0.0098				
1657.90	-0.013	193.4	-0.0124				
1657.93	-0.014	193.1	-0.0142				
1657.97	-0.016	192.9	-0.016				
1658.00	-0.016	192.7	-0.0169				
1658.03	-0.016	192.6	-0.0186				
1658.07	-0.017	192.4	-0.0186				
1658.10	-0.017	192.4	-0.0195				
1658.13	-0.017	192.2	-0.0195				
1658.17	-0.017	192.1	-0.0204				
1658.20	-0.017	192	-0.0204				
1658.23	-0.017	191.9	-0.0204				
1658.27	-0.017	191.9	-0.0195				
1658.30	-0.016	191.8	-0.0195				
1658.33	-0.015	191.8	-0.0186				
1658.37	-0.015	191.8	-0.0178				
1658.40	-0.014	191.9	-0.016				
1658.43	-0.012	191.9	-0.0142				
1658.47	-0.011	191.9	-0.0133				
1658.52	-0.01	192	-0.0107				
1658.55	-0.008	192.1	-0.0089				
1658.57	-0.008	192.1	-0.0071				
1658.60	-0.006	192.3	-0.0036				
1658.63	-0.002	192.5	-0.0036				
1658.67	-0.002	192.5	0				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1658.70	-0.002	192.6	0.0027				
1658.73	0	192.8	0.0062				
1658.77	0.004	193.1	0.0098				
1658.80	0.005	193.2	0.0124				
1658.83	0.006	193.5	0.0169				
1658.87	0.01	193.8	0.0169				
1658.90	0.011	193.8	0.0222				
1658.93	0.011	194	0.0249				
1658.97	0.012	194.2	0.0293				
1659.00	0.016	194.5	0.0337				
1659.03	0.017	194.7	0.0355				
1659.07	0.018	195	0.0399				
1659.10	0.021	195.3	0.0399				
1659.13	0.022	195.6	0.0435				
1659.17	0.022	195.6	0.0462				
1659.20	0.023	195.8	0.0488				
1659.23	0.025	196.1	0.0515				
1659.27	0.026	196.2	0.0533				
1659.30	0.026	196.4	0.055				
1659.33	0.027	196.6	0.055				
1659.37	0.028	196.8	0.0568				
1659.40	0.028	196.8	0.0577				
1659.43	0.028	197	0.0586				
1659.47	0.029	197.1	0.0586				
1659.50	0.029	197.2	0.0595				
1659.53	0.029	197.4	0.0595				
1659.57	0.029	197.5	0.0595				
1659.60	0.028	197.5	0.0595				
1659.63	0.028	197.5	0.0586				
1659.67	0.027	197.5	0.0577				
1659.70	0.026	197.5	0.0559				
1659.73	0.025	197.5	0.0541				
1659.77	0.024	197.5	0.0533				
1659.80	0.023	197.5	0.0506				
1659.83	0.021	197.4	0.0506				
1659.87	0.021	197.4	0.0488				
1659.90	0.019	197.3	0.0453				
1659.93	0.017	197.1	0.0435				
1659.98	0.015	197	0.0408				
1660.02	0.015	196.9	0.0391				
1660.03	0.013	196.7	0.0355				
1660.07	0.01	196.5	0.032				
1660.10	0.009	196.4	0.0293				
1660.13	0.007	196.1	0.0249				
1660.17	0.004	195.9	0.0249				
1660.20	0.002	195.9	0.0204				
1660.23	0.002	195.7	0.0169				
1660.27	0.001	195.4	0.0133				
1660.30	-0.003	195.1	0.0089				
1660.33	-0.004	194.8	0.0062				
1660.37	-0.005	194.5	0.0018				
1660.40	-0.008	194.3	0.0018				
1660.43	-0.009	194.3	-0.0018				
1660.47	-0.009	194	-0.0044				
1660.50	-0.01	193.7	-0.008				
1660.53	-0.013	193.5	-0.0107				
1660.57	-0.013	193.3	-0.0115				
1660.60	-0.014	193	-0.0142				
1660.63	-0.016	192.8	-0.0142				
1660.67	-0.016	192.8	-0.016				
1660.70	-0.016	192.7	-0.0178				
1660.73	-0.017	192.5	-0.0186				
1660.77	-0.017	192.3	-0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1660.80	-0.017	192.2	-0.0195				
1660.83	-0.017	192.1	-0.0195				
1660.87	-0.017	192	-0.0195				
1660.90	-0.017	192	-0.0195				
1660.93	-0.017	191.9	-0.0195				
1660.97	-0.016	191.8	-0.0186				
1661.00	-0.015	191.8	-0.0178				
1661.03	-0.015	191.8	-0.0169				
1661.07	-0.014	191.8	-0.0151				
1661.10	-0.011	191.9	-0.0151				
1661.13	-0.011	191.9	-0.0133				
1661.17	-0.011	191.9	-0.0124				
1661.20	-0.01	192	-0.0089				
1661.23	-0.007	192.2	-0.0062				
1661.27	-0.006	192.3	-0.0044				
1661.30	-0.004	192.4	-0.0009				
1661.33	-0.001	192.6	-0.0009				
1661.37	0	192.6	0.0027				
1661.42	0.002	193	0.008				
1661.45	0.003	193.1	0.008				
1661.48	0.005	193.3	0.0107				
1661.50	0.005	193.3	0.0142				
1661.53	0.007	193.6	0.0195				
1661.57	0.01	193.9	0.024				
1661.60	0.012	194.1	0.0275				
1661.63	0.014	194.3	0.0311				
1661.67	0.016	194.6	0.0311				
1661.70	0.018	194.9	0.0346				
1661.73	0.018	194.9	0.0382				
1661.77	0.019	195.1	0.0417				
1661.80	0.021	195.4	0.0453				
1661.83	0.023	195.7	0.0479				
1661.87	0.023	195.9	0.0497				
1661.90	0.025	196.2	0.0515				
1661.93	0.027	196.4	0.0515				
1661.97	0.027	196.4	0.0541				
1662.00	0.027	196.5	0.0559				
1662.03	0.028	196.7	0.0568				
1662.07	0.029	196.9	0.0577				
1662.10	0.028	197	0.0586				
1662.13	0.029	197.2	0.0586				
1662.17	0.029	197.3	0.0586				
1662.20	0.029	197.3	0.0595				
1662.23	0.029	197.4	0.0595				
1662.27	0.028	197.5	0.0595				
1662.30	0.028	197.5	0.0586				
1662.33	0.027	197.5	0.0577				
1662.37	0.026	197.5	0.0559				
1662.40	0.024	197.5	0.0559				
1662.43	0.023	197.5	0.0541				
1662.47	0.023	197.5	0.0524				
1662.50	0.022	197.4	0.0497				
1662.53	0.02	197.3	0.0479				
1662.57	0.019	197.3	0.0462				
1662.60	0.017	197.1	0.0426				
1662.63	0.014	196.9	0.0426				
1662.67	0.013	196.9	0.0382				
1662.70	0.013	196.8	0.0373				
1662.73	0.012	196.6	0.0328				
1662.77	0.008	196.4	0.0293				
1662.80	0.007	196.2	0.0257				
1662.83	0.005	196	0.0213				
1662.88	0.001	195.7	0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1662.92	0.001	195.5	0.0151				
1662.93	0	195.3	0.0115				
1662.97	-0.003	194.9	0.0115				
1663.00	-0.005	194.7	0.0071				
1663.03	-0.005	194.7	0.0044				
1663.07	-0.006	194.5	0.0009				
1663.10	-0.009	194.1	-0.0027				
1663.13	-0.01	193.9	-0.0053				
1663.17	-0.011	193.7	-0.0089				
1663.20	-0.013	193.4	-0.0089				
1663.23	-0.014	193.2	-0.0115				
1663.27	-0.014	193.2	-0.0124				
1663.30	-0.014	193	-0.0142				
1663.33	-0.015	192.7	-0.0169				
1663.37	-0.017	192.5	-0.0186				
1663.40	-0.017	192.4	-0.0186				
1663.43	-0.017	192.3	-0.0186				
1663.47	-0.017	192.1	-0.0195				
1663.50	-0.017	192.1	-0.0195				
1663.53	-0.017	192	-0.0195				
1663.57	-0.017	191.9	-0.0195				
1663.60	-0.017	191.9	-0.0195				
1663.63	-0.016	191.8	-0.0186				
1663.67	-0.015	191.8	-0.0186				
1663.70	-0.014	191.8	-0.0178				
1663.73	-0.014	191.8	-0.0169				
1663.77	-0.013	191.8	-0.0142				
1663.80	-0.011	191.9	-0.0124				
1663.83	-0.01	192	-0.0107				
1663.87	-0.009	192	-0.008				
1663.90	-0.006	192.2	-0.008				
1663.93	-0.005	192.3	-0.0053				
1663.97	-0.005	192.3	-0.0027				
1664.00	-0.003	192.5	0.0009				
1664.03	-0.001	192.7	0.0044				
1664.07	0.002	192.9	0.0071				
1664.10	0.003	193	0.0107				
1664.13	0.005	193.3	0.0142				
1664.17	0.008	193.6	0.0142				
1664.20	0.008	193.6	0.0186				
1664.23	0.009	193.7	0.0222				
1664.27	0.012	194	0.0275				
1664.32	0.014	194.3	0.0302				
1664.35	0.014	194.5	0.0328				
1664.38	0.016	194.8	0.0364				
1664.40	0.019	195	0.0399				
1664.43	0.02	195.2	0.0426				
1664.47	0.021	195.6	0.0453				
1664.50	0.023	195.8	0.0453				
1664.53	0.024	195.8	0.0479				
1664.57	0.024	196	0.0506				
1664.60	0.025	196.2	0.0533				
1664.63	0.027	196.4	0.055				
1664.67	0.027	196.6	0.0559				
1664.70	0.027	196.8	0.0568				
1664.73	0.029	197	0.0568				
1664.77	0.029	197	0.0586				
1664.80	0.029	197.1	0.0586				
1664.83	0.029	197.2	0.0595				
1664.87	0.029	197.3	0.0595				
1664.90	0.029	197.4	0.0595				
1664.93	0.028	197.5	0.0586				
1664.97	0.027	197.5	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1665.00	0.026	197.5	0.0577				
1665.03	0.026	197.6	0.0568				
1665.07	0.026	197.5	0.055				
1665.10	0.024	197.5	0.0533				
1665.13	0.023	197.5	0.0524				
1665.17	0.022	197.4	0.0497				
1665.20	0.019	197.3	0.0497				
1665.23	0.018	197.3	0.0462				
1665.27	0.018	197.2	0.0444				
1665.30	0.016	197	0.0408				
1665.33	0.013	196.8	0.0382				
1665.37	0.012	196.7	0.0355				
1665.40	0.011	196.5	0.032				
1665.43	0.006	196.3	0.032				
1665.47	0.006	196.3	0.0275				
1665.50	0.006	196.1	0.024				
1665.53	0.004	195.9	0.0204				
1665.57	0.001	195.6	0.016				
1665.60	0	195.3	0.0124				
1665.63	-0.002	195	0.0089				
1665.67	-0.005	194.7	0.0089				
1665.70	-0.006	194.7	0.0044				
1665.73	-0.006	194.5	0.0009				
1665.78	-0.009	194	-0.0027				
1665.82	-0.01	193.8	-0.0044				
1665.83	-0.01	193.8	-0.0071				
1665.87	-0.011	193.5	-0.0098				
1665.90	-0.013	193.2	-0.0124				
1665.93	-0.014	193	-0.0133				
1665.97	-0.015	192.8	-0.0151				
1666.00	-0.016	192.6	-0.0151				
1666.03	-0.017	192.4	-0.0169				
1666.07	-0.017	192.4	-0.0186				
1666.10	-0.017	192.3	-0.0186				
1666.13	-0.017	192.2	-0.0195				
1666.17	-0.017	192.1	-0.0204				
1666.20	-0.017	192	-0.0195				
1666.23	-0.017	191.9	-0.0195				
1666.27	-0.016	191.8	-0.0195				
1666.30	-0.016	191.8	-0.0186				
1666.33	-0.016	191.8	-0.0178				
1666.37	-0.015	191.8	-0.0169				
1666.40	-0.013	191.8	-0.016				
1666.43	-0.013	191.8	-0.0142				
1666.47	-0.011	191.9	-0.0115				
1666.50	-0.009	192	-0.0115				
1666.53	-0.008	192	-0.0098				
1666.57	-0.008	192.1	-0.0071				
1666.60	-0.006	192.3	-0.0044				
1666.63	-0.004	192.4	-0.0009				
1666.67	-0.002	192.5	0.0018				
1666.70	-0.001	192.8	0.0053				
1666.73	0.003	193	0.0053				
1666.77	0.003	193	0.0089				
1666.80	0.003	193.1	0.0124				
1666.83	0.005	193.4	0.016				
1666.87	0.009	193.7	0.0204				
1666.90	0.01	193.8	0.0231				
1666.93	0.012	194.1	0.0284				
1666.97	0.015	194.4	0.0284				
1667.00	0.016	194.4	0.0328				
1667.03	0.016	194.6	0.0355				
1667.07	0.018	194.9	0.0391				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1667.10	0.02	195.1	0.0417				
1667.13	0.021	195.4	0.0453				
1667.17	0.022	195.7	0.0479				
1667.20	0.025	196	0.0479				
1667.25	0.025	196.1	0.0524				
1667.28	0.026	196.3	0.0541				
1667.30	0.027	196.5	0.0541				
1667.33	0.027	196.5	0.055				
1667.37	0.027	196.7	0.0568				
1667.40	0.028	196.9	0.0577				
1667.43	0.029	197	0.0586				
1667.47	0.029	197.1	0.0595				
1667.50	0.029	197.3	0.0595				
1667.53	0.029	197.4	0.0595				
1667.57	0.029	197.4	0.0595				
1667.60	0.029	197.5	0.0595				
1667.63	0.028	197.5	0.0577				
1667.67	0.027	197.5	0.0577				
1667.70	0.026	197.6	0.0559				
1667.73	0.025	197.5	0.0541				
1667.77	0.023	197.5	0.0541				
1667.80	0.022	197.5	0.0524				
1667.83	0.022	197.4	0.0515				
1667.87	0.021	197.4	0.0488				
1667.90	0.018	197.2	0.0453				
1667.93	0.017	197.1	0.0435				
1667.97	0.016	197	0.0399				
1668.00	0.013	196.8	0.0399				
1668.03	0.011	196.6	0.0373				
1668.07	0.011	196.6	0.0337				
1668.10	0.01	196.5	0.0302				
1668.13	0.006	196.2	0.0257				
1668.17	0.005	196	0.0222				
1668.20	0.004	195.8	0.0186				
1668.23	0	195.4	0.0186				
1668.27	-0.002	195.2	0.0142				
1668.30	-0.002	195.2	0.0107				
1668.33	-0.003	195	0.0071				
1668.37	-0.005	194.6	0.0036				
1668.40	-0.007	194.4	0				
1668.43	-0.008	194.1	-0.0036				
1668.47	-0.01	193.8	-0.0036				
1668.50	-0.012	193.6	-0.0062				
1668.53	-0.012	193.6	-0.0089				
1668.57	-0.013	193.4	-0.0115				
1668.60	-0.014	193.1	-0.0142				
1668.63	-0.015	192.9	-0.0151				
1668.68	-0.016	192.7	-0.016				
1668.72	-0.016	192.5	-0.0169				
1668.75	-0.017	192.4	-0.0186				
1668.77	-0.017	192.2	-0.0195				
1668.80	-0.017	192.1	-0.0204				
1668.83	-0.017	192	-0.0204				
1668.87	-0.017	192	-0.0204				
1668.90	-0.017	191.9	-0.0195				
1668.93	-0.016	191.8	-0.0195				
1668.97	-0.016	191.8	-0.0186				
1669.00	-0.015	191.7	-0.0178				
1669.03	-0.015	191.8	-0.0169				
1669.07	-0.012	191.8	-0.0169				
1669.10	-0.012	191.8	-0.0151				
1669.13	-0.012	191.8	-0.0133				
1669.17	-0.011	191.9	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1669.20	-0.008	192	-0.008				
1669.23	-0.007	192.1	-0.0062				
1669.27	-0.006	192.3	-0.0036				
1669.30	-0.003	192.5	-0.0036				
1669.33	-0.001	192.5	0				
1669.37	-0.001	192.6	0.0027				
1669.40	0	192.8	0.0062				
1669.43	0.004	193	0.0107				
1669.47	0.005	193.2	0.0142				
1669.50	0.006	193.5	0.0178				
1669.53	0.01	193.7	0.0178				
1669.57	0.011	193.7	0.0222				
1669.60	0.011	193.9	0.0249				
1669.63	0.012	194.2	0.0302				
1669.67	0.016	194.5	0.0337				
1669.70	0.017	194.7	0.0373				
1669.73	0.018	194.9	0.0399				
1669.77	0.021	195.2	0.0399				
1669.80	0.022	195.2	0.0435				
1669.83	0.022	195.5	0.0462				
1669.87	0.023	195.7	0.0488				
1669.90	0.025	196	0.0515				
1669.93	0.026	196.2	0.0533				
1669.97	0.026	196.4	0.055				
1670.00	0.027	196.6	0.055				
1670.03	0.028	196.6	0.0568				
1670.07	0.028	196.8	0.0577				
1670.10	0.029	196.9	0.0586				
1670.15	0.029	197.2	0.0595				
1670.18	0.029	197.2	0.0595				
1670.20	0.029	197.3	0.0595				
1670.23	0.029	197.4	0.0595				
1670.27	0.028	197.5	0.0595				
1670.30	0.027	197.5	0.0577				
1670.33	0.026	197.5	0.0577				
1670.37	0.026	197.5	0.0568				
1670.40	0.026	197.5	0.0559				
1670.43	0.025	197.5	0.0541				
1670.47	0.023	197.4	0.0515				
1670.50	0.021	197.4	0.0497				
1670.53	0.02	197.3	0.047				
1670.57	0.018	197.1	0.047				
1670.60	0.016	197	0.0444				
1670.63	0.016	197	0.0417				
1670.67	0.015	196.9	0.0391				
1670.70	0.012	196.7	0.0355				
1670.73	0.01	196.6	0.0328				
1670.77	0.009	196.4	0.0284				
1670.80	0.006	196.1	0.0284				
1670.83	0.004	195.9	0.024				
1670.87	0.004	195.9	0.0204				
1670.90	0.003	195.7	0.0169				
1670.93	0	195.2	0.0124				
1670.97	-0.003	195	0.008				
1671.00	-0.004	194.8	0.0044				
1671.03	-0.006	194.5	0.0018				
1671.07	-0.008	194.2	0.0018				
1671.10	-0.008	194.2	-0.0018				
1671.13	-0.009	194	-0.0044				
1671.17	-0.01	193.7	-0.0071				
1671.20	-0.013	193.4	-0.0107				
1671.23	-0.013	193.2	-0.0124				
1671.27	-0.015	193	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1671.30	-0.016	192.8	-0.0151				
1671.33	-0.016	192.8	-0.0169				
1671.37	-0.016	192.6	-0.0169				
1671.40	-0.016	192.4	-0.0186				
1671.43	-0.017	192.3	-0.0186				
1671.47	-0.017	192.1	-0.0195				
1671.50	-0.017	192	-0.0204				
1671.53	-0.017	191.9	-0.0204				
1671.58	-0.017	191.8	-0.0195				
1671.62	-0.016	191.8	-0.0195				
1671.65	-0.016	191.7	-0.0195				
1671.67	-0.015	191.7	-0.0186				
1671.70	-0.015	191.7	-0.0178				
1671.73	-0.014	191.8	-0.016				
1671.77	-0.012	191.8	-0.0142				
1671.80	-0.011	191.8	-0.0133				
1671.83	-0.01	191.9	-0.0098				
1671.87	-0.007	192	-0.0098				
1671.90	-0.007	192	-0.008				
1671.93	-0.007	192.1	-0.0053				
1671.97	-0.005	192.3	-0.0018				
1672.00	-0.002	192.5	0.0018				
1672.03	-0.001	192.7	0.0044				
1672.07	0.001	192.9	0.008				
1672.10	0.005	193.1	0.008				
1672.13	0.006	193.1	0.0124				
1672.17	0.006	193.3	0.0151				
1672.20	0.007	193.6	0.0195				
1672.23	0.011	193.8	0.024				
1672.27	0.012	194	0.0275				
1672.30	0.013	194.3	0.032				
1672.33	0.017	194.6	0.032				
1672.37	0.017	194.6	0.0355				
1672.40	0.017	194.8	0.0382				
1672.43	0.019	195.1	0.0417				
1672.47	0.022	195.3	0.0453				
1672.50	0.023	195.6	0.047				
1672.53	0.023	195.8	0.0497				
1672.57	0.026	196.1	0.0497				
1672.60	0.026	196.1	0.0524				
1672.63	0.026	196.3	0.0541				
1672.67	0.027	196.5	0.0559				
1672.70	0.028	196.6	0.0568				
1672.73	0.028	196.8	0.0577				
1672.77	0.029	197	0.0586				
1672.80	0.029	197.1	0.0586				
1672.83	0.029	197.1	0.0586				
1672.87	0.029	197.2	0.0595				
1672.90	0.029	197.3	0.0595				
1672.93	0.028	197.4	0.0586				
1672.97	0.028	197.4	0.0586				
1673.00	0.027	197.5	0.0568				
1673.05	0.025	197.5	0.055				
1673.08	0.025	197.5	0.055				
1673.10	0.024	197.5	0.0524				
1673.13	0.022	197.4	0.0524				
1673.17	0.021	197.3	0.0506				
1673.20	0.021	197.3	0.0488				
1673.23	0.02	197.3	0.0462				
1673.27	0.017	197.1	0.0435				
1673.30	0.015	197	0.0408				
1673.33	0.014	196.8	0.0373				
1673.37	0.011	196.6	0.0373				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1673.40	0.009	196.4	0.0337				
1673.43	0.009	196.4	0.0311				
1673.47	0.008	196.2	0.0275				
1673.50	0.005	195.9	0.0222				
1673.53	0.003	195.7	0.0186				
1673.57	0.002	195.5	0.0151				
1673.60	-0.001	195.1	0.0151				
1673.63	-0.004	194.9	0.0107				
1673.67	-0.004	194.9	0.0071				
1673.70	-0.005	194.7	0.0036				
1673.73	-0.006	194.3	0				
1673.77	-0.009	194.1	-0.0027				
1673.80	-0.01	193.9	-0.0062				
1673.83	-0.012	193.5	-0.0062				
1673.87	-0.013	193.3	-0.0089				
1673.90	-0.013	193.3	-0.0115				
1673.93	-0.014	193.1	-0.0133				
1673.97	-0.015	192.9	-0.016				
1674.00	-0.016	192.7	-0.0169				
1674.03	-0.016	192.5	-0.0178				
1674.07	-0.017	192.3	-0.0178				
1674.10	-0.017	192.2	-0.0186				
1674.13	-0.017	192.2	-0.0195				
1674.17	-0.017	192	-0.0195				
1674.20	-0.017	191.9	-0.0195				
1674.23	-0.017	191.9	-0.0195				
1674.27	-0.016	191.8	-0.0195				
1674.30	-0.016	191.8	-0.0195				
1674.33	-0.015	191.7	-0.0186				
1674.37	-0.015	191.7	-0.0178				
1674.40	-0.014	191.7	-0.016				
1674.43	-0.013	191.8	-0.0142				
1674.47	-0.011	191.9	-0.0124				
1674.52	-0.01	191.9	-0.0115				
1674.55	-0.009	192	-0.0089				
1674.57	-0.007	192.1	-0.0071				
1674.60	-0.006	192.2	-0.0036				
1674.63	-0.004	192.4	0				
1674.67	-0.001	192.6	0				
1674.70	0	192.6	0.0027				
1674.73	0	192.7	0.0053				
1674.77	0.002	192.9	0.0089				
1674.80	0.005	193.2	0.0133				
1674.83	0.006	193.4	0.0169				
1674.87	0.008	193.7	0.0204				
1674.90	0.012	193.9	0.0204				
1674.93	0.012	193.9	0.0249				
1674.97	0.012	194.1	0.0293				
1675.00	0.014	194.4	0.0328				
1675.03	0.017	194.7	0.0373				
1675.07	0.019	194.9	0.0399				
1675.10	0.02	195.2	0.0435				
1675.13	0.022	195.4	0.0435				
1675.17	0.023	195.4	0.0462				
1675.20	0.023	195.7	0.0488				
1675.23	0.024	196	0.0506				
1675.27	0.026	196.2	0.0533				
1675.30	0.027	196.4	0.055				
1675.33	0.027	196.5	0.0568				
1675.37	0.028	196.7	0.0568				
1675.40	0.028	196.7	0.0577				
1675.43	0.028	196.9	0.0586				
1675.47	0.029	197	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1675.50	0.029	197.1	0.0586				
1675.53	0.029	197.3	0.0595				
1675.57	0.029	197.3	0.0595				
1675.60	0.028	197.4	0.0595				
1675.63	0.027	197.4	0.0586				
1675.67	0.027	197.4	0.0577				
1675.70	0.026	197.4	0.0559				
1675.73	0.025	197.4	0.055				
1675.77	0.024	197.4	0.0533				
1675.80	0.023	197.4	0.0515				
1675.83	0.02	197.3	0.0515				
1675.87	0.019	197.3	0.0488				
1675.90	0.019	197.2	0.0462				
1675.95	0.016	197	0.0444				
1675.98	0.015	197	0.0417				
1676.00	0.015	196.9	0.0399				
1676.03	0.013	196.7	0.0364				
1676.07	0.01	196.5	0.032				
1676.10	0.009	196.3	0.0293				
1676.13	0.007	196.1	0.024				
1676.17	0.003	195.8	0.024				
1676.20	0.002	195.8	0.0204				
1676.23	0.002	195.6	0.0169				
1676.27	0.001	195.3	0.0133				
1676.30	-0.003	195	0.0089				
1676.33	-0.004	194.8	0.0062				
1676.37	-0.005	194.5	0.0018				
1676.40	-0.008	194.2	0.0018				
1676.43	-0.009	194.2	-0.0018				
1676.47	-0.009	194	-0.0044				
1676.50	-0.01	193.7	-0.0071				
1676.53	-0.012	193.4	-0.0098				
1676.57	-0.014	193.2	-0.0124				
1676.60	-0.014	193	-0.0142				
1676.63	-0.015	192.8	-0.0142				
1676.67	-0.016	192.6	-0.016				
1676.70	-0.016	192.6	-0.0169				
1676.73	-0.016	192.4	-0.0178				
1676.77	-0.017	192.3	-0.0186				
1676.80	-0.017	192.1	-0.0195				
1676.83	-0.017	192	-0.0195				
1676.87	-0.017	191.9	-0.0195				
1676.90	-0.017	191.8	-0.0195				
1676.93	-0.017	191.8	-0.0195				
1676.97	-0.016	191.8	-0.0186				
1677.00	-0.015	191.7	-0.0178				
1677.03	-0.014	191.7	-0.0169				
1677.07	-0.014	191.7	-0.0151				
1677.10	-0.012	191.8	-0.0151				
1677.13	-0.01	191.9	-0.0133				
1677.17	-0.01	191.9	-0.0124				
1677.20	-0.01	191.9	-0.0098				
1677.23	-0.007	192.1	-0.0071				
1677.27	-0.005	192.2	-0.0044				
1677.30	-0.004	192.3	-0.0009				
1677.33	-0.002	192.6	-0.0009				
1677.37	0.001	192.7	0.0027				
1677.42	0.002	192.9	0.008				
1677.45	0.003	193.1	0.0098				
1677.47	0.006	193.3	0.0098				
1677.50	0.007	193.3	0.0142				
1677.53	0.007	193.5	0.0186				
1677.57	0.009	193.7	0.0222				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1677.60	0.013	194	0.0275				
1677.63	0.013	194.2	0.0302				
1677.67	0.015	194.5	0.0346				
1677.70	0.018	194.8	0.0346				
1677.73	0.019	194.8	0.0382				
1677.77	0.019	195	0.0408				
1677.80	0.02	195.3	0.0444				
1677.83	0.023	195.6	0.047				
1677.87	0.024	195.8	0.0497				
1677.90	0.025	196	0.0515				
1677.93	0.026	196.2	0.0515				
1677.97	0.027	196.2	0.0541				
1678.00	0.027	196.4	0.055				
1678.03	0.028	196.6	0.0568				
1678.07	0.028	196.8	0.0577				
1678.10	0.029	196.9	0.0586				
1678.13	0.029	197.1	0.0586				
1678.17	0.029	197.2	0.0586				
1678.20	0.028	197.2	0.0586				
1678.23	0.028	197.3	0.0586				
1678.27	0.028	197.4	0.0586				
1678.30	0.028	197.4	0.0586				
1678.33	0.027	197.4	0.0568				
1678.37	0.026	197.5	0.0559				
1678.40	0.025	197.4	0.0559				
1678.43	0.023	197.4	0.0541				
1678.47	0.023	197.4	0.0524				
1678.50	0.022	197.4	0.0506				
1678.53	0.02	197.3	0.0479				
1678.57	0.019	197.2	0.0462				
1678.60	0.017	197.1	0.0426				
1678.63	0.014	196.8	0.0426				
1678.67	0.013	196.7	0.0391				
1678.70	0.013	196.7	0.0364				
1678.73	0.011	196.5	0.0328				
1678.77	0.008	196.3	0.0293				
1678.80	0.006	196.1	0.0249				
1678.85	0.005	195.9	0.0213				
1678.88	0.004	195.7	0.0195				
1678.92	0.001	195.4	0.016				
1678.93	0	195.2	0.0115				
1678.97	-0.003	194.9	0.0115				
1679.00	-0.005	194.6	0.0071				
1679.03	-0.005	194.6	0.0044				
1679.07	-0.006	194.4	0.0009				
1679.10	-0.008	194.1	-0.0027				
1679.13	-0.01	193.8	-0.0062				
1679.17	-0.011	193.6	-0.008				
1679.20	-0.012	193.3	-0.008				
1679.23	-0.014	193.1	-0.0107				
1679.27	-0.014	193.1	-0.0133				
1679.30	-0.015	192.9	-0.0151				
1679.33	-0.015	192.7	-0.0169				
1679.37	-0.017	192.5	-0.0178				
1679.40	-0.016	192.3	-0.0186				
1679.43	-0.017	192.1	-0.0195				
1679.47	-0.017	192	-0.0195				
1679.50	-0.017	192	-0.0204				
1679.53	-0.017	191.9	-0.0204				
1679.57	-0.017	191.8	-0.0195				
1679.60	-0.017	191.8	-0.0195				
1679.63	-0.016	191.7	-0.0186				
1679.67	-0.015	191.7	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1679.70	-0.014	191.7	-0.0178				
1679.73	-0.013	191.7	-0.0169				
1679.77	-0.013	191.7	-0.0151				
1679.80	-0.012	191.8	-0.0133				
1679.83	-0.01	191.9	-0.0107				
1679.87	-0.009	191.9	-0.0089				
1679.90	-0.007	192.1	-0.0062				
1679.93	-0.004	192.3	-0.0062				
1679.97	-0.003	192.3	-0.0027				
1680.00	-0.003	192.4	0				
1680.03	-0.002	192.6	0.0036				
1680.07	0.002	192.8	0.0071				
1680.10	0.003	192.9	0.0098				
1680.13	0.004	193.2	0.0133				
1680.17	0.008	193.4	0.0133				
1680.20	0.009	193.4	0.0186				
1680.23	0.009	193.6	0.0213				
1680.27	0.011	193.9	0.0257				
1680.32	0.014	194.2	0.0302				
1680.35	0.014	194.4	0.032				
1680.37	0.016	194.6	0.0355				
1680.40	0.019	194.9	0.0399				
1680.43	0.02	195.1	0.0426				
1680.47	0.021	195.4	0.0453				
1680.50	0.023	195.7	0.0453				
1680.53	0.025	195.7	0.0479				
1680.57	0.025	195.9	0.0506				
1680.60	0.025	196.1	0.0524				
1680.63	0.026	196.3	0.055				
1680.67	0.027	196.5	0.0559				
1680.70	0.028	196.7	0.0577				
1680.73	0.029	196.8	0.0577				
1680.77	0.029	197	0.0586				
1680.80	0.029	197	0.0586				
1680.83	0.029	197.1	0.0586				
1680.87	0.029	197.2	0.0586				
1680.90	0.029	197.3	0.0595				
1680.93	0.028	197.4	0.0586				
1680.97	0.027	197.4	0.0586				
1681.00	0.026	197.4	0.0577				
1681.03	0.026	197.4	0.0568				
1681.07	0.026	197.5	0.055				
1681.10	0.024	197.4	0.0533				
1681.13	0.023	197.4	0.0515				
1681.17	0.022	197.3	0.0488				
1681.20	0.02	197.2	0.0488				
1681.23	0.017	197.1	0.047				
1681.27	0.017	197.1	0.0444				
1681.30	0.016	197	0.0417				
1681.33	0.014	196.8	0.0382				
1681.37	0.012	196.6	0.0355				
1681.40	0.01	196.5	0.0311				
1681.43	0.008	196.2	0.0275				
1681.47	0.005	196	0.0275				
1681.50	0.004	196	0.024				
1681.53	0.004	195.8	0.0213				
1681.57	0.002	195.5	0.0169				
1681.60	-0.001	195.2	0.0124				
1681.63	-0.002	195	0.0089				
1681.67	-0.004	194.6	0.0044				
1681.70	-0.007	194.4	0.0044				
1681.75	-0.007	194.2	-0.0009				
1681.78	-0.008	193.9	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1681.82	-0.01	193.7	-0.0036				
1681.83	-0.012	193.7	-0.0062				
1681.87	-0.012	193.4	-0.0098				
1681.90	-0.012	193.2	-0.0115				
1681.93	-0.014	193	-0.0142				
1681.97	-0.015	192.8	-0.016				
1682.00	-0.016	192.6	-0.0178				
1682.03	-0.017	192.4	-0.0178				
1682.07	-0.017	192.4	-0.0186				
1682.10	-0.017	192.2	-0.0186				
1682.13	-0.017	192.1	-0.0195				
1682.17	-0.017	192	-0.0195				
1682.20	-0.017	191.9	-0.0204				
1682.23	-0.017	191.8	-0.0195				
1682.27	-0.016	191.7	-0.0195				
1682.30	-0.015	191.7	-0.0186				
1682.33	-0.015	191.7	-0.0186				
1682.37	-0.015	191.7	-0.0169				
1682.40	-0.013	191.7	-0.016				
1682.43	-0.012	191.7	-0.0142				
1682.47	-0.011	191.7	-0.0124				
1682.50	-0.009	191.9	-0.0124				
1682.53	-0.008	191.9	-0.0107				
1682.57	-0.008	191.9	-0.008				
1682.60	-0.007	192.1	-0.0053				
1682.63	-0.003	192.3	-0.0009				
1682.67	-0.003	192.4	0.0009				
1682.70	-0.001	192.6	0.0044				
1682.73	0.003	192.9	0.0044				
1682.77	0.004	192.9	0.0089				
1682.80	0.004	193	0.0115				
1682.83	0.005	193.2	0.016				
1682.87	0.009	193.5	0.0204				
1682.90	0.01	193.7	0.0231				
1682.93	0.012	194	0.0284				
1682.97	0.015	194.3	0.0284				
1683.00	0.016	194.5	0.032				
1683.03	0.016	194.5	0.0355				
1683.07	0.018	194.7	0.0391				
1683.10	0.02	195	0.0426				
1683.13	0.021	195.2	0.0444				
1683.17	0.022	195.5	0.0479				
1683.22	0.024	195.8	0.0506				
1683.25	0.025	196	0.0515				
1683.27	0.025	196.2	0.0533				
1683.30	0.027	196.4	0.0533				
1683.33	0.028	196.6	0.055				
1683.37	0.028	196.6	0.0568				
1683.40	0.028	196.7	0.0577				
1683.43	0.029	196.9	0.0586				
1683.47	0.029	197	0.0586				
1683.50	0.029	197.2	0.0595				
1683.53	0.029	197.2	0.0595				
1683.57	0.028	197.4	0.0595				
1683.60	0.028	197.4	0.0595				
1683.63	0.028	197.4	0.0586				
1683.67	0.027	197.4	0.0577				
1683.70	0.026	197.4	0.0559				
1683.73	0.025	197.4	0.055				
1683.77	0.024	197.4	0.0533				
1683.80	0.022	197.3	0.0533				
1683.83	0.021	197.3	0.0506				
1683.87	0.021	197.3	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1683.90	0.02	197.1	0.0462				
1683.93	0.016	197	0.0426				
1683.97	0.016	196.9	0.0408				
1684.00	0.014	196.7	0.0373				
1684.03	0.01	196.5	0.0373				
1684.07	0.01	196.5	0.0337				
1684.10	0.01	196.4	0.0302				
1684.13	0.008	196.1	0.0257				
1684.17	0.004	195.9	0.0222				
1684.20	0.003	195.7	0.0186				
1684.23	0.002	195.3	0.0151				
1684.27	-0.002	195.1	0.0151				
1684.30	-0.003	195.1	0.0107				
1684.33	-0.003	194.8	0.0071				
1684.37	-0.004	194.5	0.0036				
1684.40	-0.007	194.2	-0.0009				
1684.43	-0.008	194	-0.0036				
1684.47	-0.01	193.7	-0.0062				
1684.50	-0.012	193.4	-0.0062				
1684.53	-0.013	193.4	-0.0098				
1684.57	-0.013	193.3	-0.0115				
1684.60	-0.014	193	-0.0133				
1684.63	-0.015	192.8	-0.0151				
1684.68	-0.016	192.6	-0.0169				
1684.72	-0.016	192.5	-0.0178				
1684.73	-0.017	192.3	-0.0186				
1684.77	-0.017	192.1	-0.0195				
1684.80	-0.017	192	-0.0195				
1684.83	-0.017	191.9	-0.0195				
1684.87	-0.017	191.9	-0.0204				
1684.90	-0.017	191.8	-0.0195				
1684.93	-0.017	191.7	-0.0195				
1684.97	-0.016	191.7	-0.0186				
1685.00	-0.015	191.6	-0.0178				
1685.03	-0.015	191.7	-0.0169				
1685.07	-0.013	191.7	-0.0169				
1685.10	-0.012	191.7	-0.0151				
1685.13	-0.012	191.7	-0.0133				
1685.17	-0.011	191.8	-0.0115				
1685.20	-0.008	191.9	-0.0089				
1685.23	-0.007	192	-0.0071				
1685.27	-0.006	192.1	-0.0036				
1685.30	-0.003	192.3	-0.0036				
1685.33	-0.002	192.5	0				
1685.37	-0.002	192.5	0.0027				
1685.40	0	192.7	0.0062				
1685.43	0.003	192.9	0.0107				
1685.47	0.005	193.1	0.0133				
1685.50	0.006	193.3	0.0178				
1685.53	0.01	193.6	0.0178				
1685.57	0.011	193.8	0.0213				
1685.60	0.011	193.8	0.0249				
1685.63	0.012	194	0.0293				
1685.67	0.015	194.4	0.0337				
1685.70	0.017	194.6	0.0364				
1685.73	0.018	194.8	0.0399				
1685.77	0.021	195.1	0.0399				
1685.80	0.022	195.4	0.0435				
1685.83	0.022	195.4	0.0462				
1685.87	0.023	195.6	0.0488				
1685.90	0.024	195.9	0.0515				
1685.93	0.026	196.1	0.0533				
1685.97	0.027	196.3	0.055				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1686.00	0.027	196.5	0.0568				
1686.03	0.028	196.7	0.0568				
1686.07	0.029	196.7	0.0577				
1686.12	0.029	197	0.0586				
1686.15	0.029	197.1	0.0586				
1686.18	0.029	197.1	0.0595				
1686.20	0.029	197.2	0.0595				
1686.23	0.029	197.3	0.0595				
1686.27	0.028	197.4	0.0586				
1686.30	0.027	197.4	0.0577				
1686.33	0.027	197.4	0.0568				
1686.37	0.025	197.4	0.0568				
1686.40	0.024	197.4	0.0559				
1686.43	0.024	197.4	0.0541				
1686.47	0.024	197.4	0.0524				
1686.50	0.022	197.3	0.0506				
1686.53	0.02	197.2	0.0479				
1686.57	0.019	197.1	0.0453				
1686.60	0.016	197	0.0453				
1686.63	0.015	197	0.0417				
1686.67	0.015	196.8	0.0399				
1686.70	0.013	196.6	0.0364				
1686.73	0.01	196.4	0.0328				
1686.77	0.009	196.3	0.0293				
1686.80	0.007	196	0.024				
1686.83	0.003	195.8	0.024				
1686.87	0.002	195.8	0.0204				
1686.90	0.002	195.6	0.0178				
1686.93	0.001	195.2	0.0124				
1686.97	-0.003	194.9	0.0089				
1687.00	-0.004	194.7	0.0062				
1687.03	-0.005	194.5	0.0018				
1687.07	-0.008	194.1	0.0018				
1687.10	-0.009	194.1	-0.0018				
1687.13	-0.009	193.9	-0.0044				
1687.17	-0.01	193.6	-0.0071				
1687.20	-0.013	193.4	-0.0107				
1687.23	-0.013	193.2	-0.0124				
1687.27	-0.014	193	-0.0142				
1687.30	-0.015	192.7	-0.0142				
1687.33	-0.016	192.7	-0.016				
1687.37	-0.016	192.5	-0.0178				
1687.40	-0.017	192.4	-0.0178				
1687.43	-0.017	192.2	-0.0186				
1687.47	-0.017	192.1	-0.0195				
1687.50	-0.017	191.9	-0.0204				
1687.53	-0.017	191.8	-0.0204				
1687.58	-0.016	191.8	-0.0195				
1687.62	-0.016	191.7	-0.0195				
1687.63	-0.016	191.6	-0.0195				
1687.67	-0.015	191.7	-0.0186				
1687.70	-0.015	191.7	-0.0178				
1687.73	-0.014	191.6	-0.016				
1687.77	-0.013	191.7	-0.0151				
1687.80	-0.011	191.7	-0.0124				
1687.83	-0.01	191.8	-0.0107				
1687.87	-0.008	191.9	-0.008				
1687.90	-0.006	192.1	-0.008				
1687.93	-0.006	192.1	-0.0053				
1687.97	-0.005	192.2	-0.0018				
1688.00	-0.003	192.4	0.0009				
1688.03	0	192.6	0.0044				
1688.07	0.001	192.7	0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1688.10	0.003	193	0.0115				
1688.13	0.006	193.2	0.0115				
1688.17	0.007	193.2	0.0151				
1688.20	0.007	193.4	0.0186				
1688.23	0.009	193.7	0.0222				
1688.27	0.012	193.9	0.0275				
1688.30	0.014	194.1	0.0311				
1688.33	0.015	194.4	0.0346				
1688.37	0.018	194.7	0.0346				
1688.40	0.019	194.7	0.0382				
1688.43	0.019	194.9	0.0408				
1688.47	0.02	195.2	0.0444				
1688.50	0.023	195.5	0.047				
1688.53	0.023	195.7	0.0497				
1688.57	0.025	196	0.0524				
1688.60	0.026	196.2	0.0524				
1688.63	0.027	196.2	0.0541				
1688.67	0.027	196.4	0.055				
1688.70	0.027	196.6	0.0568				
1688.73	0.028	196.7	0.0577				
1688.77	0.029	196.9	0.0586				
1688.80	0.029	197	0.0595				
1688.83	0.029	197.1	0.0595				
1688.87	0.029	197.1	0.0595				
1688.90	0.029	197.2	0.0595				
1688.93	0.028	197.3	0.0586				
1688.97	0.028	197.4	0.0586				
1689.02	0.027	197.4	0.0568				
1689.05	0.026	197.4	0.0568				
1689.08	0.025	197.4	0.055				
1689.10	0.024	197.4	0.0541				
1689.13	0.023	197.3	0.0515				
1689.17	0.021	197.2	0.0488				
1689.20	0.019	197.1	0.0488				
1689.23	0.019	197.1	0.0462				
1689.27	0.018	197.1	0.0435				
1689.30	0.016	196.9	0.0408				
1689.33	0.013	196.7	0.0382				
1689.37	0.012	196.6	0.0346				
1689.40	0.01	196.3	0.0311				
1689.43	0.007	196.1	0.0311				
1689.47	0.007	196.1	0.0275				
1689.50	0.006	196	0.024				
1689.53	0.004	195.7	0.0195				
1689.57	0.001	195.4	0.0151				
1689.60	0	195.1	0.0115				
1689.63	-0.002	194.8	0.0071				
1689.67	-0.005	194.6	0.0071				
1689.70	-0.006	194.6	0.0044				
1689.73	-0.006	194.3	0.0009				
1689.77	-0.007	194	-0.0027				
1689.80	-0.011	193.8	-0.0062				
1689.83	-0.011	193.6	-0.008				
1689.87	-0.012	193.3	-0.0107				
1689.90	-0.014	193	-0.0107				
1689.93	-0.014	193	-0.0133				
1689.97	-0.014	192.9	-0.0151				
1690.00	-0.015	192.6	-0.0169				
1690.03	-0.016	192.4	-0.0178				
1690.07	-0.017	192.3	-0.0186				
1690.10	-0.017	192.1	-0.0195				
1690.13	-0.017	192	-0.0195				
1690.17	-0.017	192	-0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1690.20	-0.017	191.9	-0.0204				
1690.23	-0.017	191.8	-0.0195				
1690.27	-0.017	191.7	-0.0195				
1690.30	-0.016	191.7	-0.0186				
1690.33	-0.015	191.7	-0.0178				
1690.37	-0.014	191.7	-0.0178				
1690.40	-0.013	191.7	-0.0169				
1690.43	-0.013	191.7	-0.0151				
1690.48	-0.011	191.8	-0.0133				
1690.52	-0.009	191.8	-0.0124				
1690.53	-0.009	191.8	-0.0098				
1690.57	-0.008	191.9	-0.0071				
1690.60	-0.005	192.1	-0.0044				
1690.63	-0.004	192.2	-0.0018				
1690.67	-0.002	192.4	0.0018				
1690.70	0	192.6	0.0018				
1690.73	0.002	192.8	0.0053				
1690.77	0.002	192.8	0.0089				
1690.80	0.004	193	0.0124				
1690.83	0.006	193.3	0.0169				
1690.87	0.009	193.5	0.0204				
1690.90	0.01	193.7	0.024				
1690.93	0.012	194	0.024				
1690.97	0.015	194.3	0.0284				
1691.00	0.015	194.3	0.032				
1691.03	0.016	194.5	0.0364				
1691.07	0.018	194.8	0.0399				
1691.10	0.02	195	0.0426				
1691.13	0.021	195.2	0.0453				
1691.17	0.023	195.6	0.0479				
1691.20	0.025	195.8	0.0479				
1691.23	0.025	195.8	0.0506				
1691.27	0.025	196	0.0524				
1691.30	0.026	196.2	0.0541				
1691.33	0.028	196.4	0.0559				
1691.37	0.028	196.6	0.0568				
1691.40	0.028	196.7	0.0577				
1691.43	0.029	196.9	0.0577				
1691.47	0.029	196.9	0.0586				
1691.50	0.029	197	0.0586				
1691.53	0.029	197.1	0.0586				
1691.57	0.029	197.2	0.0586				
1691.60	0.028	197.3	0.0586				
1691.63	0.028	197.3	0.0577				
1691.67	0.026	197.4	0.0577				
1691.70	0.025	197.4	0.0559				
1691.73	0.025	197.4	0.055				
1691.77	0.025	197.4	0.0541				
1691.80	0.023	197.3	0.0524				
1691.83	0.022	197.3	0.0506				
1691.87	0.02	197.1	0.047				
1691.92	0.017	197	0.0444				
1691.95	0.017	197	0.0426				
1691.98	0.015	196.8	0.0391				
1692.00	0.012	196.6	0.0391				
1692.03	0.011	196.6	0.0364				
1692.07	0.011	196.5	0.0337				
1692.10	0.01	196.3	0.0302				
1692.13	0.006	196	0.0249				
1692.17	0.005	195.8	0.0222				
1692.20	0.004	195.6	0.0178				
1692.23	-0.001	195.2	0.0178				
1692.27	-0.001	195.2	0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1692.30	-0.001	195	0.0107				
1692.33	-0.003	194.7	0.0062				
1692.37	-0.006	194.4	0.0027				
1692.40	-0.007	194.2	0				
1692.43	-0.008	193.9	-0.0036				
1692.47	-0.011	193.7	-0.0036				
1692.50	-0.012	193.7	-0.0071				
1692.53	-0.012	193.4	-0.0089				
1692.57	-0.013	193.2	-0.0115				
1692.60	-0.014	192.9	-0.0142				
1692.63	-0.015	192.7	-0.0151				
1692.67	-0.016	192.6	-0.0169				
1692.70	-0.016	192.4	-0.0169				
1692.73	-0.017	192.2	-0.0186				
1692.77	-0.017	192.2	-0.0195				
1692.80	-0.017	192.1	-0.0195				
1692.83	-0.017	191.9	-0.0195				
1692.87	-0.017	191.8	-0.0204				
1692.90	-0.017	191.7	-0.0195				
1692.93	-0.016	191.7	-0.0195				
1692.97	-0.016	191.6	-0.0195				
1693.00	-0.016	191.6	-0.0186				
1693.03	-0.015	191.6	-0.0169				
1693.07	-0.014	191.7	-0.016				
1693.10	-0.012	191.7	-0.0142				
1693.13	-0.011	191.7	-0.0124				
1693.17	-0.009	191.9	-0.0124				
1693.20	-0.007	191.9	-0.0098				
1693.23	-0.007	191.9	-0.0071				
1693.27	-0.007	192	-0.0044				
1693.30	-0.004	192.3	-0.0018				
1693.33	-0.002	192.4	0.0009				
1693.38	-0.001	192.5	0.0044				
1693.42	0.001	192.7	0.0071				
1693.43	0.003	192.9	0.0098				
1693.47	0.004	193.1	0.0142				
1693.50	0.007	193.4	0.0178				
1693.53	0.01	193.6	0.0178				
1693.57	0.011	193.6	0.0222				
1693.60	0.011	193.8	0.0249				
1693.63	0.013	194.1	0.0293				
1693.67	0.016	194.4	0.0337				
1693.70	0.017	194.6	0.0364				
1693.73	0.018	194.8	0.0399				
1693.77	0.021	195.1	0.0399				
1693.80	0.022	195.1	0.0435				
1693.83	0.022	195.4	0.0462				
1693.87	0.023	195.7	0.0488				
1693.90	0.025	195.9	0.0515				
1693.93	0.026	196.1	0.0533				
1693.97	0.026	196.3	0.055				
1694.00	0.028	196.5	0.055				
1694.03	0.028	196.5	0.0568				
1694.07	0.028	196.7	0.0577				
1694.10	0.029	196.8	0.0586				
1694.13	0.029	197	0.0595				
1694.17	0.029	197.1	0.0595				
1694.20	0.029	197.2	0.0586				
1694.23	0.028	197.3	0.0586				
1694.27	0.028	197.3	0.0586				
1694.30	0.028	197.3	0.0586				
1694.33	0.027	197.4	0.0577				
1694.37	0.026	197.4	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1694.40	0.025	197.4	0.055				
1694.43	0.024	197.3	0.0524				
1694.47	0.022	197.3	0.0524				
1694.50	0.021	197.3	0.0506				
1694.53	0.021	197.2	0.0488				
1694.57	0.02	197.1	0.0462				
1694.60	0.017	197	0.0435				
1694.63	0.016	196.8	0.0399				
1694.67	0.014	196.6	0.0373				
1694.70	0.01	196.4	0.0373				
1694.73	0.01	196.4	0.0328				
1694.77	0.01	196.3	0.0311				
1694.80	0.008	196.1	0.0257				
1694.85	0.004	195.8	0.0222				
1694.88	0.004	195.7	0.0195				
1694.90	0.003	195.4	0.016				
1694.93	-0.001	195.1	0.0124				
1694.97	-0.002	194.9	0.0089				
1695.00	-0.003	194.7	0.0053				
1695.03	-0.006	194.3	0.0053				
1695.07	-0.008	194.1	0.0018				
1695.10	-0.008	194.1	-0.0018				
1695.13	-0.009	193.8	-0.0044				
1695.17	-0.011	193.5	-0.008				
1695.20	-0.012	193.3	-0.0107				
1695.23	-0.013	193.1	-0.0124				
1695.27	-0.015	192.8	-0.0124				
1695.30	-0.016	192.6	-0.0151				
1695.33	-0.016	192.6	-0.016				
1695.37	-0.016	192.4	-0.0178				
1695.40	-0.016	192.3	-0.0186				
1695.43	-0.017	192.1	-0.0195				
1695.47	-0.017	192	-0.0195				
1695.50	-0.017	191.9	-0.0195				
1695.53	-0.017	191.8	-0.0195				
1695.57	-0.017	191.8	-0.0204				
1695.60	-0.017	191.7	-0.0195				
1695.63	-0.016	191.7	-0.0186				
1695.67	-0.015	191.6	-0.0178				
1695.70	-0.014	191.6	-0.0169				
1695.73	-0.014	191.7	-0.0151				
1695.77	-0.012	191.7	-0.0151				
1695.80	-0.011	191.7	-0.0133				
1695.83	-0.011	191.7	-0.0115				
1695.87	-0.009	191.9	-0.0089				
1695.90	-0.006	192	-0.0062				
1695.93	-0.006	192.1	-0.0044				
1695.97	-0.004	192.3	-0.0009				
1696.00	-0.001	192.5	-0.0009				
1696.03	0	192.5	0.0027				
1696.07	0	192.6	0.0062				
1696.10	0.002	192.9	0.0089				
1696.13	0.005	193.1	0.0133				
1696.17	0.006	193.3	0.0169				
1696.20	0.008	193.5	0.0204				
1696.23	0.012	193.8	0.0204				
1696.28	0.013	194	0.0284				
1696.32	0.013	194.2	0.0311				
1696.35	0.016	194.5	0.0311				
1696.37	0.017	194.5	0.0346				
1696.40	0.017	194.7	0.0382				
1696.43	0.019	194.9	0.0417				
1696.47	0.022	195.2	0.0444				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1696.50	0.022	195.4	0.047				
1696.53	0.023	195.7	0.0497				
1696.57	0.025	196	0.0497				
1696.60	0.026	196	0.0524				
1696.63	0.026	196.2	0.0541				
1696.67	0.027	196.3	0.0559				
1696.70	0.028	196.5	0.0568				
1696.73	0.028	196.7	0.0577				
1696.77	0.029	196.8	0.0586				
1696.80	0.029	197	0.0586				
1696.83	0.029	197.1	0.0586				
1696.87	0.029	197.1	0.0595				
1696.90	0.029	197.2	0.0595				
1696.93	0.029	197.3	0.0586				
1696.97	0.028	197.3	0.0577				
1697.00	0.027	197.4	0.0559				
1697.03	0.026	197.3	0.055				
1697.07	0.024	197.3	0.055				
1697.10	0.024	197.3	0.0541				
1697.13	0.024	197.3	0.0524				
1697.17	0.022	197.2	0.0497				
1697.20	0.02	197.1	0.0479				
1697.23	0.019	197	0.0453				
1697.27	0.017	196.9	0.0426				
1697.30	0.014	196.7	0.0426				
1697.33	0.013	196.7	0.0391				
1697.37	0.013	196.6	0.0364				
1697.40	0.011	196.4	0.032				
1697.43	0.008	196.1	0.0284				
1697.47	0.007	196	0.0249				
1697.50	0.005	195.7	0.0204				
1697.53	0.001	195.4	0.0204				
1697.57	0	195.4	0.0169				
1697.60	0	195.2	0.0133				
1697.63	-0.001	194.9	0.0098				
1697.67	-0.004	194.6	0.0053				
1697.70	-0.005	194.4	0.0027				
1697.75	-0.006	194.1	-0.0009				
1697.78	-0.009	193.9	-0.0036				
1697.80	-0.01	193.7	-0.0053				
1697.83	-0.011	193.4	-0.0089				
1697.87	-0.013	193.2	-0.0089				
1697.90	-0.014	193.2	-0.0115				
1697.93	-0.014	192.9	-0.0133				
1697.97	-0.014	192.7	-0.0151				
1698.00	-0.016	192.5	-0.0169				
1698.03	-0.016	192.4	-0.0178				
1698.07	-0.017	192.2	-0.0186				
1698.10	-0.017	192	-0.0186				
1698.13	-0.017	192	-0.0195				
1698.17	-0.017	191.9	-0.0204				
1698.20	-0.017	191.8	-0.0204				
1698.23	-0.017	191.7	-0.0195				
1698.27	-0.016	191.7	-0.0195				
1698.30	-0.016	191.6	-0.0186				
1698.33	-0.015	191.6	-0.0186				
1698.37	-0.014	191.6	-0.0178				
1698.40	-0.014	191.6	-0.0169				
1698.43	-0.013	191.6	-0.0151				
1698.47	-0.011	191.7	-0.0124				
1698.50	-0.01	191.7	-0.0107				
1698.53	-0.009	191.8	-0.008				
1698.57	-0.006	192	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1698.60	-0.005	192.1	-0.0053				
1698.63	-0.005	192.1	-0.0027				
1698.67	-0.003	192.3	0				
1698.70	0	192.5	0.0036				
1698.73	0.001	192.7	0.0071				
1698.77	0.002	192.8	0.0107				
1698.80	0.005	193.1	0.0151				
1698.83	0.009	193.4	0.0151				
1698.87	0.009	193.4	0.0186				
1698.90	0.009	193.5	0.0222				
1698.93	0.011	193.8	0.0257				
1698.97	0.014	194.1	0.0302				
1699.00	0.015	194.3	0.0346				
1699.03	0.017	194.6	0.0382				
1699.07	0.02	194.9	0.0382				
1699.10	0.021	194.9	0.0417				
1699.13	0.021	195.1	0.0444				
1699.18	0.023	195.6	0.0462				
1699.22	0.024	195.6	0.0479				
1699.25	0.024	195.8	0.0506				
1699.27	0.025	196	0.0524				
1699.30	0.027	196.2	0.0541				
1699.33	0.027	196.4	0.0559				
1699.37	0.028	196.6	0.0568				
1699.40	0.029	196.7	0.0568				
1699.43	0.029	196.7	0.0586				
1699.47	0.029	196.9	0.0586				
1699.50	0.029	197	0.0595				
1699.53	0.029	197.1	0.0595				
1699.57	0.028	197.2	0.0595				
1699.60	0.028	197.3	0.0586				
1699.63	0.027	197.3	0.0586				
1699.67	0.026	197.3	0.0577				
1699.70	0.026	197.3	0.0568				
1699.73	0.026	197.3	0.055				
1699.77	0.024	197.3	0.0533				
1699.80	0.023	197.3	0.0515				
1699.83	0.022	197.2	0.0488				
1699.87	0.019	197	0.0488				
1699.90	0.018	197	0.0462				
1699.93	0.018	197	0.0444				
1699.97	0.017	196.8	0.0408				
1700.00	0.014	196.6	0.0373				
1700.03	0.012	196.5	0.0355				
1700.07	0.01	196.3	0.0311				
1700.10	0.007	196	0.0311				
1700.13	0.006	195.9	0.0257				
1700.17	0.006	195.9	0.024				
1700.20	0.005	195.7	0.0195				
1700.23	0.001	195.3	0.0151				
1700.27	-0.001	195	0.0124				
1700.30	-0.002	194.8	0.008				
1700.33	-0.004	194.5	0.008				
1700.37	-0.007	194.2	0.0036				
1700.40	-0.007	194.2	0				
1700.43	-0.007	194	-0.0027				
1700.47	-0.009	193.7	-0.0062				
1700.50	-0.012	193.4	-0.0089				
1700.53	-0.012	193.2	-0.0107				
1700.57	-0.014	192.9	-0.0133				
1700.60	-0.015	192.7	-0.0133				
1700.65	-0.015	192.5	-0.016				
1700.68	-0.016	192.4	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1700.70	-0.017	192.2	-0.0178				
1700.73	-0.017	192.2	-0.0186				
1700.77	-0.017	192	-0.0195				
1700.80	-0.017	191.9	-0.0195				
1700.83	-0.017	191.8	-0.0204				
1700.87	-0.017	191.7	-0.0204				
1700.90	-0.017	191.6	-0.0204				
1700.93	-0.016	191.6	-0.0204				
1700.97	-0.016	191.6	-0.0195				
1701.00	-0.016	191.5	-0.0186				
1701.03	-0.015	191.5	-0.0169				
1701.07	-0.013	191.6	-0.016				
1701.10	-0.012	191.6	-0.0142				
1701.13	-0.012	191.6	-0.0124				
1701.17	-0.009	191.7	-0.0124				
1701.20	-0.008	191.7	-0.0098				
1701.23	-0.008	191.8	-0.008				
1701.27	-0.006	192	-0.0053				
1701.30	-0.003	192.1	-0.0018				
1701.33	-0.003	192.2	0.0009				
1701.37	-0.001	192.4	0.0044				
1701.40	0.002	192.7	0.0044				
1701.43	0.004	192.7	0.008				
1701.47	0.004	192.9	0.0115				
1701.50	0.005	193.2	0.016				
1701.53	0.009	193.4	0.0204				
1701.57	0.01	193.6	0.0231				
1701.60	0.012	193.9	0.0284				
1701.63	0.015	194.1	0.0284				
1701.67	0.016	194.1	0.032				
1701.70	0.016	194.3	0.0355				
1701.73	0.017	194.6	0.0382				
1701.77	0.02	194.9	0.0426				
1701.80	0.022	195.1	0.0453				
1701.83	0.022	195.4	0.047				
1701.87	0.024	195.7	0.047				
1701.90	0.025	195.7	0.0506				
1701.93	0.025	195.9	0.0524				
1701.97	0.026	196.1	0.0541				
1702.00	0.027	196.3	0.0559				
1702.03	0.028	196.5	0.0568				
1702.07	0.028	196.6	0.0577				
1702.12	0.029	196.8	0.0586				
1702.15	0.029	196.9	0.0586				
1702.17	0.029	197	0.0595				
1702.20	0.029	197.1	0.0595				
1702.23	0.029	197.2	0.0595				
1702.27	0.029	197.2	0.0595				
1702.30	0.028	197.3	0.0586				
1702.33	0.027	197.3	0.0568				
1702.37	0.026	197.3	0.0559				
1702.40	0.025	197.3	0.0541				
1702.43	0.024	197.2	0.0541				
1702.47	0.022	197.2	0.0524				
1702.50	0.022	197.2	0.0515				
1702.53	0.021	197.2	0.0479				
1702.57	0.019	197	0.0453				
1702.60	0.017	196.9	0.0435				
1702.63	0.015	196.8	0.0399				
1702.67	0.013	196.6	0.0373				
1702.70	0.01	196.4	0.0373				
1702.73	0.01	196.4	0.0337				
1702.77	0.01	196.2	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1702.80	0.007	196	0.0257				
1702.83	0.004	195.7	0.0222				
1702.87	0.003	195.5	0.0186				
1702.90	0.001	195.2	0.0142				
1702.93	-0.002	194.9	0.0142				
1702.97	-0.003	194.9	0.0107				
1703.00	-0.003	194.7	0.0071				
1703.03	-0.004	194.4	0.0036				
1703.07	-0.007	194.1	0				
1703.10	-0.008	193.9	-0.0027				
1703.13	-0.01	193.6	-0.0062				
1703.17	-0.012	193.3	-0.0062				
1703.20	-0.012	193.3	-0.0089				
1703.23	-0.012	193.1	-0.0115				
1703.27	-0.014	192.9	-0.0133				
1703.30	-0.015	192.7	-0.0151				
1703.33	-0.016	192.5	-0.0169				
1703.37	-0.016	192.3	-0.0178				
1703.40	-0.017	192.1	-0.0178				
1703.43	-0.017	192.1	-0.0186				
1703.47	-0.017	192	-0.0195				
1703.50	-0.017	191.9	-0.0195				
1703.55	-0.017	191.8	-0.0195				
1703.58	-0.017	191.7	-0.0195				
1703.60	-0.017	191.6	-0.0195				
1703.63	-0.016	191.6	-0.0186				
1703.67	-0.015	191.5	-0.0178				
1703.70	-0.015	191.5	-0.0169				
1703.73	-0.013	191.6	-0.0169				
1703.77	-0.012	191.6	-0.0151				
1703.80	-0.012	191.6	-0.0133				
1703.83	-0.011	191.6	-0.0107				
1703.87	-0.008	191.8	-0.008				
1703.90	-0.007	191.9	-0.0071				
1703.93	-0.006	192	-0.0036				
1703.97	-0.003	192.2	-0.0036				
1704.00	-0.001	192.4	0				
1704.03	-0.001	192.4	0.0027				
1704.07	0	192.5	0.0062				
1704.10	0.003	192.8	0.0107				
1704.13	0.005	193	0.0133				
1704.17	0.006	193.2	0.0169				
1704.20	0.009	193.5	0.0169				
1704.23	0.011	193.7	0.0213				
1704.27	0.011	193.7	0.0249				
1704.30	0.013	193.9	0.0302				
1704.33	0.015	194.2	0.0337				
1704.37	0.018	194.5	0.0373				
1704.40	0.018	194.7	0.0399				
1704.43	0.02	195	0.0435				
1704.47	0.022	195.2	0.0435				
1704.50	0.023	195.2	0.0462				
1704.53	0.023	195.4	0.0479				
1704.57	0.024	195.7	0.0506				
1704.60	0.026	195.9	0.0533				
1704.63	0.026	196.1	0.055				
1704.67	0.027	196.3	0.0559				
1704.70	0.028	196.5	0.0559				
1704.73	0.028	196.5	0.0577				
1704.77	0.028	196.7	0.0586				
1704.80	0.029	196.8	0.0595				
1704.83	0.029	197	0.0595				
1704.87	0.029	197.1	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1704.90	0.029	197.1	0.0595				
1704.93	0.028	197.2	0.0595				
1704.97	0.027	197.2	0.0586				
1705.02	0.026	197.3	0.0568				
1705.05	0.026	197.3	0.0568				
1705.07	0.025	197.3	0.0559				
1705.10	0.025	197.3	0.0541				
1705.13	0.023	197.2	0.0524				
1705.17	0.021	197.2	0.0506				
1705.20	0.02	197.1	0.0479				
1705.23	0.019	196.9	0.0453				
1705.27	0.016	196.8	0.0453				
1705.30	0.015	196.8	0.0426				
1705.33	0.015	196.7	0.0391				
1705.37	0.013	196.5	0.0355				
1705.40	0.01	196.3	0.032				
1705.43	0.009	196.1	0.0293				
1705.47	0.007	195.9	0.024				
1705.50	0.003	195.6	0.024				
1705.53	0.002	195.6	0.0204				
1705.57	0.002	195.4	0.0169				
1705.60	0.001	195.1	0.0133				
1705.63	-0.003	194.8	0.0089				
1705.67	-0.004	194.6	0.0053				
1705.70	-0.005	194.3	0.0018				
1705.73	-0.008	194	0.0018				
1705.77	-0.009	194	-0.0018				
1705.80	-0.009	193.8	-0.0044				
1705.83	-0.01	193.5	-0.0071				
1705.87	-0.013	193.2	-0.0107				
1705.90	-0.013	193	-0.0115				
1705.93	-0.014	192.8	-0.0142				
1705.97	-0.015	192.6	-0.0142				
1706.00	-0.016	192.6	-0.016				
1706.03	-0.016	192.4	-0.0169				
1706.07	-0.017	192.2	-0.0186				
1706.10	-0.017	192.1	-0.0186				
1706.13	-0.017	191.9	-0.0195				
1706.17	-0.017	191.8	-0.0195				
1706.20	-0.017	191.7	-0.0195				
1706.23	-0.017	191.6	-0.0195				
1706.27	-0.017	191.6	-0.0195				
1706.30	-0.016	191.6	-0.0186				
1706.33	-0.015	191.6	-0.0178				
1706.37	-0.014	191.5	-0.0169				
1706.40	-0.014	191.5	-0.0151				
1706.45	-0.012	191.6	-0.0133				
1706.48	-0.011	191.6	-0.0124				
1706.52	-0.01	191.7	-0.0098				
1706.53	-0.008	191.8	-0.0098				
1706.57	-0.006	191.9	-0.0071				
1706.60	-0.006	191.9	-0.0053				
1706.63	-0.005	192	-0.0027				
1706.67	-0.002	192.3	0.0009				
1706.70	0	192.4	0.0036				
1706.73	0.001	192.6	0.008				
1706.77	0.004	192.9	0.0124				
1706.80	0.006	193.1	0.0124				
1706.83	0.006	193.1	0.0151				
1706.87	0.007	193.2	0.0195				
1706.90	0.01	193.6	0.0231				
1706.93	0.012	193.8	0.0275				
1706.97	0.013	194	0.0311				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1707.00	0.016	194.3	0.0355				
1707.03	0.018	194.6	0.0355				
1707.07	0.019	194.6	0.0391				
1707.10	0.019	194.8	0.0408				
1707.13	0.021	195.1	0.0444				
1707.17	0.023	195.3	0.047				
1707.20	0.024	195.6	0.0488				
1707.23	0.025	195.8	0.0515				
1707.27	0.026	196	0.0515				
1707.30	0.027	196	0.0541				
1707.33	0.027	196.2	0.055				
1707.37	0.027	196.4	0.0568				
1707.40	0.028	196.6	0.0577				
1707.43	0.028	196.7	0.0586				
1707.47	0.029	196.8	0.0595				
1707.50	0.029	197	0.0595				
1707.53	0.029	197	0.0595				
1707.57	0.029	197.1	0.0595				
1707.60	0.028	197.2	0.0595				
1707.63	0.028	197.2	0.0586				
1707.67	0.027	197.2	0.0577				
1707.70	0.026	197.3	0.0559				
1707.73	0.024	197.2	0.0559				
1707.77	0.023	197.2	0.0541				
1707.80	0.023	197.2	0.0524				
1707.83	0.023	197.2	0.0506				
1707.87	0.02	197	0.0479				
1707.92	0.018	196.9	0.0462				
1707.95	0.018	196.9	0.0444				
1707.97	0.016	196.7	0.0417				
1708.00	0.014	196.6	0.0382				
1708.03	0.012	196.4	0.0346				
1708.07	0.009	196.2	0.0346				
1708.10	0.007	196	0.0302				
1708.13	0.007	196	0.0275				
1708.17	0.006	195.8	0.0231				
1708.20	0.004	195.5	0.0186				
1708.23	0.001	195.2	0.016				
1708.27	0	195	0.0115				
1708.30	-0.003	194.7	0.0115				
1708.33	-0.005	194.4	0.0071				
1708.37	-0.005	194.4	0.0044				
1708.40	-0.006	194.2	0.0009				
1708.43	-0.008	193.8	-0.0027				
1708.47	-0.01	193.6	-0.0053				
1708.50	-0.011	193.4	-0.008				
1708.53	-0.012	193.1	-0.008				
1708.57	-0.014	192.9	-0.0107				
1708.60	-0.014	192.9	-0.0133				
1708.63	-0.015	192.7	-0.0142				
1708.67	-0.015	192.5	-0.0169				
1708.70	-0.017	192.3	-0.0178				
1708.73	-0.016	192.1	-0.0178				
1708.77	-0.017	192	-0.0195				
1708.80	-0.017	191.8	-0.0195				
1708.83	-0.017	191.8	-0.0195				
1708.87	-0.017	191.7	-0.0195				
1708.90	-0.017	191.6	-0.0195				
1708.93	-0.016	191.6	-0.0195				
1708.97	-0.016	191.5	-0.0186				
1709.00	-0.015	191.5	-0.0169				
1709.03	-0.014	191.5	-0.0169				
1709.07	-0.013	191.5	-0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1709.10	-0.013	191.5	-0.0142				
1709.13	-0.012	191.6	-0.0124				
1709.17	-0.01	191.7	-0.0107				
1709.20	-0.009	191.7	-0.0089				
1709.23	-0.007	191.9	-0.0062				
1709.27	-0.005	192	-0.0062				
1709.30	-0.003	192	-0.0027				
1709.35	-0.002	192.3	0.0018				
1709.38	0	192.5	0.0018				
1709.42	0.001	192.5	0.0044				
1709.43	0.001	192.6	0.0089				
1709.47	0.004	192.9	0.0124				
1709.50	0.007	193.2	0.0169				
1709.53	0.008	193.4	0.0204				
1709.57	0.01	193.6	0.024				
1709.60	0.014	193.9	0.024				
1709.63	0.014	193.9	0.0293				
1709.67	0.014	194.1	0.032				
1709.70	0.016	194.4	0.0355				
1709.73	0.019	194.7	0.0399				
1709.77	0.02	194.9	0.0426				
1709.80	0.021	195.1	0.0462				
1709.83	0.024	195.4	0.0462				
1709.87	0.024	195.4	0.0488				
1709.90	0.024	195.6	0.0506				
1709.93	0.025	195.9	0.0533				
1709.97	0.027	196.1	0.055				
1710.00	0.027	196.3	0.0559				
1710.03	0.028	196.4	0.0577				
1710.07	0.029	196.6	0.0577				
1710.10	0.029	196.8	0.0586				
1710.13	0.029	196.8	0.0586				
1710.17	0.029	196.9	0.0595				
1710.20	0.029	197	0.0595				
1710.23	0.029	197.1	0.0595				
1710.27	0.028	197.2	0.0586				
1710.30	0.027	197.2	0.0586				
1710.33	0.026	197.2	0.0577				
1710.37	0.026	197.2	0.0568				
1710.40	0.026	197.3	0.055				
1710.43	0.024	197.2	0.0533				
1710.47	0.023	197.2	0.0524				
1710.50	0.022	197.1	0.0497				
1710.53	0.02	197	0.047				
1710.57	0.017	196.9	0.047				
1710.60	0.017	196.9	0.0444				
1710.63	0.017	196.8	0.0417				
1710.67	0.014	196.5	0.0382				
1710.70	0.012	196.4	0.0355				
1710.73	0.011	196.2	0.032				
1710.77	0.008	196	0.0275				
1710.82	0.005	195.7	0.0231				
1710.85	0.005	195.6	0.0213				
1710.87	0.003	195.3	0.0178				
1710.90	0	195.1	0.0178				
1710.93	-0.001	195.1	0.0142				
1710.97	-0.001	194.8	0.0107				
1711.00	-0.003	194.5	0.0071				
1711.03	-0.006	194.3	0.0027				
1711.07	-0.007	194.1	0				
1711.10	-0.008	193.7	-0.0036				
1711.13	-0.011	193.5	-0.0036				
1711.17	-0.012	193.5	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1711.20	-0.012	193.2	-0.0089				
1711.23	-0.012	193	-0.0115				
1711.27	-0.015	192.8	-0.0142				
1711.30	-0.015	192.6	-0.0151				
1711.33	-0.016	192.4	-0.0169				
1711.37	-0.016	192.2	-0.0169				
1711.40	-0.017	192.2	-0.0178				
1711.43	-0.017	192	-0.0195				
1711.47	-0.017	191.9	-0.0195				
1711.50	-0.017	191.8	-0.0195				
1711.53	-0.017	191.7	-0.0204				
1711.57	-0.017	191.6	-0.0195				
1711.60	-0.016	191.5	-0.0195				
1711.63	-0.016	191.5	-0.0186				
1711.67	-0.016	191.5	-0.0186				
1711.70	-0.015	191.5	-0.0169				
1711.73	-0.013	191.5	-0.0151				
1711.77	-0.012	191.5	-0.0142				
1711.80	-0.011	191.6	-0.0124				
1711.83	-0.009	191.7	-0.0124				
1711.87	-0.008	191.7	-0.0098				
1711.90	-0.008	191.8	-0.008				
1711.93	-0.007	191.9	-0.0044				
1711.97	-0.003	192.1	-0.0018				
1712.00	-0.003	192.2	0.0009				
1712.03	-0.001	192.4	0.0053				
1712.07	0.003	192.7	0.0053				
1712.10	0.004	192.7	0.0089				
1712.13	0.004	192.8	0.0124				
1712.17	0.005	193.1	0.0169				
1712.20	0.009	193.3	0.0204				
1712.23	0.01	193.5	0.0231				
1712.28	0.011	193.7	0.0275				
1712.32	0.013	194	0.0302				
1712.33	0.015	194.2	0.0337				
1712.37	0.016	194.4	0.0373				
1712.40	0.02	194.8	0.0373				
1712.43	0.021	195	0.0417				
1712.47	0.021	195	0.0435				
1712.50	0.022	195.2	0.047				
1712.53	0.024	195.5	0.0488				
1712.57	0.025	195.8	0.0515				
1712.60	0.026	196	0.0533				
1712.63	0.027	196.2	0.0533				
1712.67	0.028	196.3	0.055				
1712.70	0.028	196.3	0.0568				
1712.73	0.028	196.5	0.0586				
1712.77	0.029	196.7	0.0586				
1712.80	0.029	196.8	0.0586				
1712.83	0.029	196.9	0.0586				
1712.87	0.028	197	0.0586				
1712.90	0.028	197.1	0.0586				
1712.93	0.028	197.1	0.0586				
1712.97	0.028	197.2	0.0586				
1713.00	0.027	197.2	0.0577				
1713.03	0.026	197.2	0.0559				
1713.07	0.025	197.2	0.055				
1713.10	0.024	197.2	0.0533				
1713.13	0.022	197.1	0.0533				
1713.17	0.022	197.1	0.0515				
1713.20	0.021	197.1	0.0479				
1713.23	0.019	196.9	0.0453				
1713.27	0.016	196.8	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1713.30	0.015	196.7	0.0408				
1713.33	0.013	196.5	0.0364				
1713.37	0.011	196.3	0.0364				
1713.40	0.011	196.3	0.0337				
1713.43	0.01	196.1	0.0302				
1713.47	0.007	195.8	0.0257				
1713.50	0.004	195.6	0.0222				
1713.53	0.003	195.4	0.0178				
1713.57	0.001	195.1	0.0142				
1713.60	-0.002	194.8	0.0142				
1713.63	-0.002	194.8	0.0107				
1713.67	-0.002	194.6	0.008				
1713.72	-0.006	194.1	0.0036				
1713.75	-0.008	194.1	0.0009				
1713.78	-0.008	193.9	-0.0027				
1713.80	-0.009	193.6	-0.0053				
1713.83	-0.011	193.3	-0.008				
1713.87	-0.012	193.1	-0.0107				
1713.90	-0.013	192.8	-0.0133				
1713.93	-0.015	192.6	-0.0133				
1713.97	-0.015	192.6	-0.0151				
1714.00	-0.015	192.4	-0.016				
1714.03	-0.016	192.2	-0.0178				
1714.07	-0.017	192	-0.0186				
1714.10	-0.017	191.9	-0.0195				
1714.13	-0.017	191.8	-0.0195				
1714.17	-0.017	191.7	-0.0195				
1714.20	-0.017	191.7	-0.0195				
1714.23	-0.017	191.6	-0.0195				
1714.27	-0.017	191.5	-0.0195				
1714.30	-0.016	191.5	-0.0186				
1714.33	-0.015	191.4	-0.0178				
1714.37	-0.015	191.5	-0.016				
1714.40	-0.012	191.5	-0.016				
1714.43	-0.012	191.5	-0.0151				
1714.47	-0.012	191.5	-0.0133				
1714.50	-0.011	191.6	-0.0107				
1714.53	-0.008	191.7	-0.008				
1714.57	-0.007	191.8	-0.0062				
1714.60	-0.006	191.9	-0.0036				
1714.63	-0.002	192.1	-0.0036				
1714.67	-0.002	192.1	0				
1714.70	-0.002	192.2	0.0027				
1714.73	0	192.5	0.0062				
1714.77	0.004	192.7	0.0107				
1714.80	0.004	192.9	0.0133				
1714.83	0.006	193.1	0.0178				
1714.87	0.01	193.4	0.0178				
1714.90	0.011	193.4	0.0222				
1714.93	0.011	193.6	0.0249				
1714.97	0.012	193.8	0.0302				
1715.00	0.016	194.1	0.0337				
1715.03	0.017	194.4	0.0364				
1715.07	0.018	194.6	0.0399				
1715.10	0.021	194.9	0.0399				
1715.13	0.022	195.1	0.0444				
1715.18	0.023	195.4	0.0479				
1715.22	0.024	195.6	0.0479				
1715.23	0.025	195.8	0.0497				
1715.27	0.025	195.8	0.0524				
1715.30	0.026	196	0.0541				
1715.33	0.027	196.3	0.0559				
1715.37	0.028	196.4	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1715.40	0.028	196.6	0.0577				
1715.43	0.029	196.7	0.0586				
1715.47	0.029	196.9	0.0586				
1715.50	0.029	196.9	0.0595				
1715.53	0.029	197	0.0595				
1715.57	0.029	197.1	0.0595				
1715.60	0.028	197.2	0.0595				
1715.63	0.027	197.2	0.0586				
1715.67	0.027	197.2	0.0568				
1715.70	0.025	197.2	0.0568				
1715.73	0.025	197.2	0.0559				
1715.77	0.025	197.2	0.0541				
1715.80	0.023	197.1	0.0524				
1715.83	0.021	197.1	0.0497				
1715.87	0.02	197	0.0479				
1715.90	0.019	196.9	0.0453				
1715.93	0.016	196.7	0.0453				
1715.97	0.015	196.7	0.0417				
1716.00	0.015	196.6	0.0391				
1716.03	0.013	196.4	0.0364				
1716.07	0.01	196.2	0.0328				
1716.10	0.008	196	0.0293				
1716.13	0.007	195.8	0.0249				
1716.17	0.004	195.6	0.0249				
1716.20	0.003	195.6	0.0213				
1716.23	0.003	195.3	0.0178				
1716.27	0.001	195	0.0133				
1716.30	-0.003	194.7	0.0089				
1716.33	-0.004	194.5	0.0053				
1716.37	-0.005	194.2	0.0018				
1716.40	-0.008	193.9	0.0018				
1716.43	-0.009	193.9	-0.0018				
1716.47	-0.009	193.7	-0.0044				
1716.50	-0.01	193.4	-0.0071				
1716.53	-0.013	193.2	-0.0098				
1716.57	-0.013	192.9	-0.0115				
1716.62	-0.014	192.7	-0.0133				
1716.65	-0.015	192.5	-0.0151				
1716.68	-0.015	192.4	-0.0169				
1716.70	-0.016	192.2	-0.0178				
1716.73	-0.017	192	-0.0178				
1716.77	-0.017	192	-0.0195				
1716.80	-0.017	191.8	-0.0195				
1716.83	-0.017	191.7	-0.0195				
1716.87	-0.017	191.6	-0.0195				
1716.90	-0.017	191.5	-0.0195				
1716.93	-0.016	191.5	-0.0186				
1716.97	-0.016	191.5	-0.0186				
1717.00	-0.015	191.5	-0.0178				
1717.03	-0.015	191.4	-0.0169				
1717.07	-0.014	191.4	-0.016				
1717.10	-0.012	191.5	-0.0142				
1717.13	-0.011	191.5	-0.0124				
1717.17	-0.01	191.6	-0.0098				
1717.20	-0.008	191.7	-0.0098				
1717.23	-0.006	191.8	-0.008				
1717.27	-0.006	191.8	-0.0053				
1717.30	-0.005	192	-0.0027				
1717.33	-0.002	192.2	0.0018				
1717.37	-0.001	192.3	0.0044				
1717.40	0.001	192.5	0.008				
1717.43	0.004	192.8	0.008				
1717.47	0.006	193	0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1717.50	0.006	193	0.0151				
1717.53	0.007	193.2	0.0195				
1717.57	0.01	193.5	0.024				
1717.60	0.012	193.7	0.0275				
1717.63	0.013	193.9	0.0311				
1717.67	0.016	194.2	0.0311				
1717.70	0.018	194.5	0.0355				
1717.73	0.018	194.5	0.0382				
1717.77	0.019	194.7	0.0417				
1717.80	0.021	195	0.0453				
1717.83	0.023	195.3	0.047				
1717.87	0.024	195.5	0.0506				
1717.90	0.025	195.8	0.0506				
1717.93	0.027	196	0.0524				
1717.97	0.027	196	0.055				
1718.00	0.027	196.1	0.0559				
1718.03	0.027	196.3	0.0568				
1718.08	0.029	196.5	0.0586				
1718.12	0.028	196.6	0.0586				
1718.13	0.028	196.8	0.0586				
1718.17	0.029	196.9	0.0595				
1718.20	0.029	197	0.0595				
1718.23	0.029	197.1	0.0595				
1718.27	0.028	197.2	0.0595				
1718.30	0.027	197.2	0.0595				
1718.33	0.027	197.2	0.0577				
1718.37	0.026	197.2	0.0568				
1718.40	0.025	197.2	0.055				
1718.43	0.024	197.2	0.0541				
1718.47	0.023	197.1	0.0524				
1718.50	0.02	197	0.0524				
1718.53	0.02	197	0.0488				
1718.57	0.02	197	0.047				
1718.60	0.018	196.8	0.0444				
1718.63	0.015	196.7	0.0408				
1718.67	0.014	196.6	0.0382				
1718.70	0.012	196.4	0.0346				
1718.73	0.009	196.1	0.0346				
1718.77	0.008	196.1	0.0311				
1718.80	0.008	196	0.0275				
1718.83	0.006	195.7	0.0231				
1718.87	0.002	195.4	0.0186				
1718.90	0.002	195.2	0.016				
1718.93	0	194.9	0.0115				
1718.97	-0.004	194.6	0.0115				
1719.00	-0.004	194.6	0.0071				
1719.03	-0.004	194.4	0.0044				
1719.07	-0.006	194.1	0.0009				
1719.10	-0.009	193.8	-0.0027				
1719.13	-0.009	193.6	-0.0053				
1719.17	-0.011	193.3	-0.008				
1719.20	-0.013	193.1	-0.008				
1719.23	-0.014	193.1	-0.0107				
1719.27	-0.014	192.9	-0.0124				
1719.30	-0.014	192.6	-0.0151				
1719.33	-0.016	192.4	-0.0169				
1719.37	-0.016	192.2	-0.0178				
1719.40	-0.017	192.1	-0.0186				
1719.43	-0.017	191.9	-0.0186				
1719.47	-0.017	191.9	-0.0195				
1719.50	-0.017	191.8	-0.0195				
1719.55	-0.017	191.6	-0.0195				
1719.58	-0.017	191.5	-0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1719.60	-0.017	191.5	-0.0195				
1719.63	-0.016	191.4	-0.0186				
1719.67	-0.015	191.4	-0.0178				
1719.70	-0.014	191.4	-0.0169				
1719.73	-0.014	191.4	-0.0151				
1719.77	-0.012	191.5	-0.0151				
1719.80	-0.01	191.6	-0.0133				
1719.83	-0.01	191.6	-0.0115				
1719.87	-0.009	191.6	-0.0089				
1719.90	-0.007	191.8	-0.0062				
1719.93	-0.006	191.9	-0.0044				
1719.97	-0.004	192	-0.0009				
1720.00	-0.001	192.3	-0.0009				
1720.03	0	192.4	0.0027				
1720.07	0	192.4	0.0062				
1720.10	0.002	192.6	0.0098				
1720.13	0.005	192.9	0.0142				
1720.17	0.007	193.1	0.0169				
1720.20	0.008	193.3	0.0213				
1720.23	0.011	193.6	0.0213				
1720.27	0.013	193.8	0.0249				
1720.30	0.013	193.8	0.0293				
1720.33	0.014	194	0.0328				
1720.37	0.017	194.4	0.0364				
1720.40	0.019	194.6	0.0399				
1720.43	0.02	194.8	0.0435				
1720.47	0.022	195.1	0.0462				
1720.50	0.024	195.4	0.0462				
1720.53	0.024	195.4	0.0488				
1720.57	0.024	195.6	0.0506				
1720.60	0.025	195.8	0.0533				
1720.63	0.027	196.1	0.055				
1720.67	0.027	196.2	0.0568				
1720.70	0.028	196.4	0.0586				
1720.73	0.029	196.6	0.0586				
1720.77	0.028	196.6	0.0586				
1720.80	0.028	196.7	0.0586				
1720.83	0.029	196.8	0.0595				
1720.87	0.029	197	0.0595				
1720.90	0.029	197	0.0595				
1720.93	0.028	197.1	0.0595				
1720.98	0.027	197.2	0.0586				
1721.02	0.027	197.2	0.0568				
1721.03	0.026	197.2	0.0559				
1721.07	0.024	197.2	0.0559				
1721.10	0.023	197.2	0.055				
1721.13	0.023	197.2	0.0524				
1721.17	0.022	197.1	0.0506				
1721.20	0.02	197	0.0479				
1721.23	0.019	196.9	0.0462				
1721.27	0.017	196.7	0.0435				
1721.30	0.014	196.6	0.0435				
1721.33	0.013	196.6	0.0399				
1721.37	0.013	196.5	0.0373				
1721.40	0.011	196.3	0.0328				
1721.43	0.008	196	0.0293				
1721.47	0.007	195.9	0.0249				
1721.50	0.005	195.6	0.0213				
1721.53	0.001	195.3	0.0213				
1721.57	0.001	195.3	0.0178				
1721.60	0.001	195.1	0.0142				
1721.63	-0.001	194.8	0.0098				
1721.67	-0.005	194.5	0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1721.70	-0.005	194.3	0.0036				
1721.73	-0.007	194	-0.0009				
1721.77	-0.01	193.7	-0.0009				
1721.80	-0.01	193.7	-0.0044				
1721.83	-0.01	193.5	-0.0062				
1721.87	-0.011	193.2	-0.0089				
1721.90	-0.013	192.9	-0.0115				
1721.93	-0.014	192.7	-0.0133				
1721.97	-0.015	192.5	-0.0151				
1722.00	-0.016	192.3	-0.0151				
1722.03	-0.017	192.1	-0.0169				
1722.07	-0.017	192.1	-0.0178				
1722.10	-0.017	192	-0.0186				
1722.13	-0.017	191.9	-0.0186				
1722.17	-0.017	191.7	-0.0195				
1722.20	-0.017	191.6	-0.0195				
1722.23	-0.017	191.5	-0.0195				
1722.27	-0.016	191.5	-0.0195				
1722.30	-0.016	191.5	-0.0186				
1722.33	-0.016	191.4	-0.0178				
1722.37	-0.015	191.5	-0.0169				
1722.40	-0.013	191.5	-0.0151				
1722.45	-0.012	191.5	-0.0133				
1722.48	-0.012	191.5	-0.0124				
1722.50	-0.01	191.6	-0.0107				
1722.53	-0.009	191.6	-0.008				
1722.57	-0.007	191.8	-0.0053				
1722.60	-0.004	192	-0.0053				
1722.63	-0.004	192	-0.0027				
1722.67	-0.004	192.1	0.0009				
1722.70	-0.002	192.3	0.0036				
1722.73	0.002	192.5	0.008				
1722.77	0.003	192.7	0.0107				
1722.80	0.004	192.9	0.0151				
1722.83	0.008	193.2	0.0151				
1722.87	0.009	193.2	0.0195				
1722.90	0.009	193.4	0.0222				
1722.93	0.011	193.7	0.0275				
1722.97	0.014	193.9	0.0311				
1723.00	0.015	194.1	0.0346				
1723.03	0.017	194.4	0.0382				
1723.07	0.02	194.7	0.0382				
1723.10	0.021	194.7	0.0417				
1723.13	0.021	194.9	0.0444				
1723.17	0.022	195.1	0.047				
1723.20	0.024	195.4	0.0497				
1723.23	0.024	195.7	0.0515				
1723.27	0.026	195.9	0.0541				
1723.30	0.027	196.1	0.0541				
1723.33	0.028	196.1	0.0559				
1723.37	0.028	196.3	0.0568				
1723.40	0.028	196.5	0.0577				
1723.43	0.029	196.6	0.0586				
1723.47	0.029	196.7	0.0595				
1723.50	0.029	196.9	0.0595				
1723.53	0.029	197	0.0595				
1723.57	0.029	197.1	0.0595				
1723.60	0.029	197.1	0.0595				
1723.63	0.028	197.1	0.0586				
1723.67	0.027	197.1	0.0577				
1723.70	0.026	197.2	0.0568				
1723.73	0.025	197.2	0.055				
1723.77	0.023	197.1	0.055				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1723.80	0.022	197	0.0533				
1723.83	0.022	197	0.0515				
1723.88	0.019	196.9	0.0488				
1723.92	0.018	196.8	0.0479				
1723.95	0.018	196.8	0.0453				
1723.97	0.017	196.7	0.0417				
1724.00	0.014	196.5	0.0382				
1724.03	0.011	196.3	0.0355				
1724.07	0.011	196.2	0.032				
1724.10	0.008	195.9	0.032				
1724.13	0.005	195.7	0.0284				
1724.17	0.005	195.7	0.024				
1724.20	0.004	195.5	0.0204				
1724.23	0.001	195.1	0.016				
1724.27	-0.001	194.9	0.0133				
1724.30	-0.002	194.7	0.0089				
1724.33	-0.005	194.3	0.0053				
1724.37	-0.007	194.1	0.0053				
1724.40	-0.007	194.1	0.0018				
1724.43	-0.007	193.9	-0.0018				
1724.47	-0.01	193.5	-0.0053				
1724.50	-0.011	193.3	-0.008				
1724.53	-0.012	193.1	-0.0098				
1724.57	-0.013	192.8	-0.0124				
1724.60	-0.015	192.6	-0.0124				
1724.63	-0.015	192.6	-0.0142				
1724.67	-0.015	192.4	-0.016				
1724.70	-0.016	192.2	-0.0169				
1724.73	-0.017	192	-0.0178				
1724.77	-0.017	191.9	-0.0186				
1724.80	-0.017	191.8	-0.0195				
1724.83	-0.017	191.7	-0.0195				
1724.87	-0.017	191.7	-0.0195				
1724.90	-0.017	191.6	-0.0195				
1724.93	-0.017	191.5	-0.0186				
1724.97	-0.016	191.5	-0.0178				
1725.00	-0.015	191.4	-0.0178				
1725.03	-0.015	191.4	-0.016				
1725.07	-0.013	191.4	-0.016				
1725.10	-0.012	191.4	-0.0142				
1725.13	-0.012	191.5	-0.0124				
1725.17	-0.011	191.5	-0.0107				
1725.20	-0.008	191.7	-0.008				
1725.23	-0.007	191.7	-0.0062				
1725.27	-0.006	191.9	-0.0027				
1725.30	-0.002	192.1	-0.0027				
1725.35	-0.002	192.2	0.0027				
1725.38	-0.001	192.3	0.0053				
1725.40	0.002	192.6	0.0053				
1725.43	0.004	192.6	0.0089				
1725.47	0.004	192.7	0.0115				
1725.50	0.005	193	0.0169				
1725.53	0.009	193.3	0.0204				
1725.57	0.01	193.5	0.024				
1725.60	0.012	193.7	0.0284				
1725.63	0.015	194	0.0284				
1725.67	0.016	194.2	0.0328				
1725.70	0.016	194.2	0.0355				
1725.73	0.017	194.4	0.0391				
1725.77	0.02	194.8	0.0426				
1725.80	0.021	195	0.0453				
1725.83	0.022	195.2	0.0479				
1725.87	0.024	195.5	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1725.90	0.026	195.8	0.0506				
1725.93	0.026	195.8	0.0533				
1725.97	0.026	195.9	0.055				
1726.00	0.027	196.2	0.0568				
1726.03	0.028	196.4	0.0577				
1726.07	0.028	196.5	0.0586				
1726.10	0.028	196.6	0.0586				
1726.13	0.029	196.8	0.0586				
1726.17	0.029	196.8	0.0595				
1726.20	0.029	196.9	0.0595				
1726.23	0.029	197	0.0595				
1726.27	0.028	197.1	0.0595				
1726.30	0.028	197.1	0.0586				
1726.33	0.027	197.1	0.0577				
1726.37	0.025	197.1	0.0577				
1726.40	0.024	197.1	0.0559				
1726.43	0.024	197.1	0.0541				
1726.47	0.024	197.1	0.0524				
1726.50	0.021	197	0.0506				
1726.53	0.02	196.9	0.0488				
1726.57	0.019	196.8	0.0453				
1726.60	0.016	196.7	0.0453				
1726.63	0.015	196.7	0.0426				
1726.67	0.015	196.5	0.0399				
1726.70	0.013	196.3	0.0364				
1726.73	0.01	196.1	0.0328				
1726.78	0.009	196	0.0293				
1726.82	0.008	195.8	0.0275				
1726.85	0.005	195.6	0.0231				
1726.87	0.003	195.4	0.0195				
1726.90	0.002	195.1	0.016				
1726.93	-0.002	194.8	0.016				
1726.97	-0.003	194.8	0.0115				
1727.00	-0.003	194.5	0.008				
1727.03	-0.004	194.3	0.0044				
1727.07	-0.007	194	0				
1727.10	-0.008	193.7	-0.0027				
1727.13	-0.009	193.5	-0.0053				
1727.17	-0.012	193.2	-0.0053				
1727.20	-0.013	193.2	-0.0089				
1727.23	-0.013	193	-0.0107				
1727.27	-0.013	192.8	-0.0124				
1727.30	-0.015	192.5	-0.0151				
1727.33	-0.016	192.3	-0.016				
1727.37	-0.016	192.2	-0.0169				
1727.40	-0.017	192	-0.0169				
1727.43	-0.017	191.8	-0.0186				
1727.47	-0.017	191.8	-0.0186				
1727.50	-0.017	191.7	-0.0186				
1727.53	-0.017	191.6	-0.0186				
1727.57	-0.017	191.5	-0.0195				
1727.60	-0.017	191.4	-0.0186				
1727.63	-0.016	191.4	-0.0186				
1727.67	-0.015	191.4	-0.0178				
1727.70	-0.015	191.4	-0.0169				
1727.73	-0.014	191.4	-0.0151				
1727.77	-0.013	191.4	-0.0142				
1727.80	-0.011	191.5	-0.0124				
1727.83	-0.01	191.5	-0.0098				
1727.87	-0.008	191.7	-0.0098				
1727.90	-0.006	191.8	-0.0071				
1727.93	-0.006	191.8	-0.0044				
1727.97	-0.005	191.9	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1728.00	-0.003	192.1	0.0018				
1728.03	0	192.3	0.0053				
1728.07	0.001	192.4	0.008				
1728.10	0.003	192.7	0.0115				
1728.13	0.006	193	0.0115				
1728.17	0.007	193	0.016				
1728.20	0.007	193.1	0.0195				
1728.25	0.011	193.6	0.0231				
1728.28	0.012	193.6	0.0257				
1728.30	0.012	193.8	0.0302				
1728.33	0.014	194.1	0.0337				
1728.37	0.018	194.4	0.0373				
1728.40	0.018	194.6	0.0399				
1728.43	0.019	194.8	0.0435				
1728.47	0.022	195.1	0.0435				
1728.50	0.023	195.1	0.047				
1728.53	0.023	195.3	0.0488				
1728.57	0.024	195.6	0.0515				
1728.60	0.026	195.8	0.0541				
1728.63	0.026	196	0.055				
1728.67	0.027	196.2	0.0568				
1728.70	0.028	196.4	0.0568				
1728.73	0.028	196.4	0.0586				
1728.77	0.028	196.5	0.0586				
1728.80	0.029	196.7	0.0595				
1728.83	0.029	196.8	0.0595				
1728.87	0.029	196.9	0.0604				
1728.90	0.029	197	0.0595				
1728.93	0.028	197.1	0.0595				
1728.97	0.027	197.1	0.0595				
1729.00	0.027	197.1	0.0577				
1729.03	0.026	197.1	0.0568				
1729.07	0.025	197.1	0.0559				
1729.10	0.024	197.1	0.0541				
1729.13	0.023	197.1	0.0515				
1729.17	0.021	196.9	0.0515				
1729.20	0.019	196.9	0.0497				
1729.23	0.019	196.9	0.0479				
1729.27	0.018	196.8	0.0444				
1729.30	0.015	196.6	0.0408				
1729.33	0.014	196.4	0.0382				
1729.37	0.012	196.3	0.0346				
1729.40	0.009	196.1	0.0346				
1729.43	0.007	195.9	0.0311				
1729.47	0.007	195.9	0.0284				
1729.50	0.006	195.7	0.024				
1729.53	0.003	195.3	0.0195				
1729.57	0.001	195.1	0.016				
1729.60	0	194.8	0.0115				
1729.63	-0.004	194.5	0.0115				
1729.67	-0.005	194.3	0.0071				
1729.72	-0.006	194.1	0.0027				
1729.75	-0.007	193.8	0.0027				
1729.77	-0.009	193.6	0				
1729.80	-0.009	193.6	-0.0027				
1729.83	-0.01	193.4	-0.0062				
1729.87	-0.012	193	-0.0098				
1729.90	-0.014	192.8	-0.0115				
1729.93	-0.014	192.6	-0.0133				
1729.97	-0.015	192.4	-0.0151				
1730.00	-0.016	192.2	-0.0151				
1730.03	-0.017	192.2	-0.0169				
1730.07	-0.017	192	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1730.10	-0.017	191.9	-0.0186				
1730.13	-0.017	191.7	-0.0195				
1730.17	-0.017	191.6	-0.0195				
1730.20	-0.017	191.5	-0.0195				
1730.23	-0.017	191.4	-0.0195				
1730.27	-0.016	191.4	-0.0195				
1730.30	-0.016	191.4	-0.0186				
1730.33	-0.016	191.3	-0.0178				
1730.37	-0.014	191.4	-0.016				
1730.40	-0.014	191.3	-0.0151				
1730.43	-0.013	191.4	-0.0133				
1730.47	-0.01	191.5	-0.0133				
1730.50	-0.009	191.5	-0.0107				
1730.53	-0.009	191.5	-0.0089				
1730.57	-0.008	191.7	-0.0062				
1730.60	-0.006	191.8	-0.0036				
1730.63	-0.004	192	0				
1730.67	-0.002	192.1	0.0036				
1730.70	0.001	192.4	0.0036				
1730.73	0.002	192.4	0.0062				
1730.77	0.002	192.5	0.0089				
1730.80	0.003	192.7	0.0133				
1730.83	0.007	193	0.0178				
1730.87	0.008	193.2	0.0204				
1730.90	0.01	193.4	0.0249				
1730.93	0.013	193.7	0.0249				
1730.97	0.015	194	0.0302				
1731.00	0.015	194	0.0328				
1731.03	0.016	194.2	0.0364				
1731.07	0.019	194.5	0.0399				
1731.10	0.02	194.7	0.0426				
1731.15	0.021	194.9	0.0462				
1731.18	0.022	195.2	0.047				
1731.22	0.024	195.4	0.0497				
1731.23	0.025	195.6	0.0524				
1731.27	0.026	195.9	0.055				
1731.30	0.027	196.1	0.055				
1731.33	0.028	196.1	0.0559				
1731.37	0.028	196.3	0.0568				
1731.40	0.028	196.4	0.0586				
1731.43	0.028	196.6	0.0586				
1731.47	0.029	196.7	0.0595				
1731.50	0.029	196.8	0.0604				
1731.53	0.029	196.9	0.0604				
1731.57	0.029	196.9	0.0604				
1731.60	0.029	197	0.0604				
1731.63	0.028	197.1	0.0586				
1731.67	0.027	197.1	0.0577				
1731.70	0.026	197.1	0.0568				
1731.73	0.025	197.1	0.055				
1731.77	0.023	197.1	0.055				
1731.80	0.022	197.1	0.0533				
1731.83	0.022	197	0.0515				
1731.87	0.021	197	0.0488				
1731.90	0.018	196.8	0.0462				
1731.93	0.017	196.7	0.0444				
1731.97	0.015	196.6	0.0399				
1732.00	0.012	196.3	0.0399				
1732.03	0.011	196.3	0.0373				
1732.07	0.011	196.2	0.0346				
1732.10	0.01	196	0.0311				
1732.13	0.006	195.8	0.0257				
1732.17	0.005	195.6	0.0231				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1732.20	0.003	195.3	0.0186				
1732.23	0	195	0.0186				
1732.27	-0.001	195	0.0142				
1732.30	-0.001	194.8	0.0115				
1732.33	-0.003	194.5	0.0071				
1732.37	-0.006	194.2	0.0036				
1732.40	-0.007	193.9	0.0009				
1732.43	-0.008	193.7	-0.0027				
1732.47	-0.011	193.4	-0.0027				
1732.50	-0.012	193.2	-0.0062				
1732.53	-0.012	193.2	-0.008				
1732.57	-0.013	192.9	-0.0107				
1732.62	-0.015	192.5	-0.0133				
1732.65	-0.015	192.5	-0.0142				
1732.67	-0.015	192.3	-0.016				
1732.70	-0.016	192.1	-0.0169				
1732.73	-0.017	191.9	-0.0178				
1732.77	-0.017	191.8	-0.0186				
1732.80	-0.017	191.7	-0.0186				
1732.83	-0.017	191.6	-0.0195				
1732.87	-0.017	191.6	-0.0195				
1732.90	-0.017	191.5	-0.0186				
1732.93	-0.017	191.4	-0.0186				
1732.97	-0.016	191.3	-0.0178				
1733.00	-0.015	191.3	-0.0169				
1733.03	-0.014	191.3	-0.016				
1733.07	-0.013	191.4	-0.016				
1733.10	-0.013	191.4	-0.0142				
1733.13	-0.012	191.4	-0.0124				
1733.17	-0.01	191.5	-0.0098				
1733.20	-0.008	191.6	-0.008				
1733.23	-0.007	191.7	-0.0053				
1733.27	-0.005	191.9	-0.0027				
1733.30	-0.003	192	-0.0027				
1733.33	-0.003	192	0.0009				
1733.37	-0.002	192.2	0.0036				
1733.40	0.001	192.4	0.008				
1733.43	0.003	192.6	0.0107				
1733.47	0.005	192.8	0.0151				
1733.50	0.007	193.1	0.0186				
1733.53	0.01	193.3	0.0186				
1733.57	0.01	193.3	0.0222				
1733.60	0.011	193.5	0.0257				
1733.63	0.013	193.8	0.0311				
1733.67	0.016	194.1	0.0346				
1733.70	0.017	194.3	0.0373				
1733.73	0.018	194.6	0.0408				
1733.77	0.021	194.8	0.0408				
1733.80	0.021	194.8	0.0444				
1733.83	0.022	195	0.047				
1733.87	0.023	195.3	0.0497				
1733.90	0.025	195.6	0.0524				
1733.93	0.026	195.8	0.0533				
1733.97	0.026	196	0.0559				
1734.00	0.028	196.2	0.0559				
1734.05	0.028	196.3	0.0577				
1734.08	0.028	196.4	0.0577				
1734.12	0.028	196.6	0.0577				
1734.13	0.028	196.6	0.0586				
1734.17	0.028	196.7	0.0595				
1734.20	0.029	196.9	0.0595				
1734.23	0.029	197	0.0595				
1734.27	0.028	197	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1734.30	0.028	197.1	0.0586				
1734.33	0.026	197.1	0.0586				
1734.37	0.026	197.1	0.0577				
1734.40	0.026	197.1	0.0559				
1734.43	0.024	197.1	0.0541				
1734.47	0.022	197	0.0524				
1734.50	0.022	197	0.0506				
1734.53	0.02	196.9	0.0479				
1734.57	0.017	196.7	0.0479				
1734.60	0.016	196.7	0.0453				
1734.63	0.016	196.6	0.0426				
1734.67	0.015	196.5	0.0391				
1734.70	0.012	196.3	0.0355				
1734.73	0.01	196.1	0.0328				
1734.77	0.009	195.9	0.0293				
1734.80	0.005	195.6	0.0293				
1734.83	0.004	195.4	0.024				
1734.87	0.004	195.4	0.0213				
1734.90	0.002	195.2	0.0169				
1734.93	0	194.9	0.0133				
1734.97	-0.002	194.6	0.0098				
1735.00	-0.004	194.4	0.0053				
1735.03	-0.006	194.1	0.0053				
1735.07	-0.008	193.8	0.0018				
1735.10	-0.008	193.8	-0.0009				
1735.13	-0.009	193.6	-0.0036				
1735.17	-0.011	193.3	-0.0071				
1735.20	-0.013	193	-0.0098				
1735.23	-0.013	192.8	-0.0115				
1735.27	-0.014	192.6	-0.0115				
1735.30	-0.016	192.4	-0.0142				
1735.33	-0.016	192.4	-0.0151				
1735.37	-0.016	192.2	-0.0169				
1735.40	-0.017	192	-0.0178				
1735.43	-0.017	191.8	-0.0186				
1735.47	-0.017	191.7	-0.0186				
1735.52	-0.017	191.6	-0.0195				
1735.55	-0.017	191.5	-0.0195				
1735.57	-0.017	191.4	-0.0186				
1735.60	-0.016	191.4	-0.0186				
1735.63	-0.015	191.3	-0.0186				
1735.67	-0.015	191.3	-0.0178				
1735.70	-0.015	191.3	-0.0169				
1735.73	-0.014	191.3	-0.016				
1735.77	-0.012	191.4	-0.0133				
1735.80	-0.011	191.4	-0.0115				
1735.83	-0.01	191.5	-0.0098				
1735.87	-0.007	191.6	-0.0098				
1735.90	-0.006	191.6	-0.0071				
1735.93	-0.006	191.7	-0.0044				
1735.97	-0.005	191.9	-0.0018				
1736.00	-0.002	192.1	0.0018				
1736.03	-0.001	192.2	0.0044				
1736.07	0.001	192.5	0.0089				
1736.10	0.004	192.7	0.0089				
1736.13	0.006	192.7	0.0124				
1736.17	0.006	192.8	0.016				
1736.20	0.007	193.1	0.0195				
1736.23	0.011	193.4	0.024				
1736.27	0.012	193.6	0.0275				
1736.30	0.013	193.9	0.032				
1736.33	0.017	194.1	0.032				
1736.37	0.018	194.1	0.0364				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1736.40	0.018	194.4	0.0391				
1736.43	0.019	194.6	0.0417				
1736.47	0.021	194.9	0.0453				
1736.50	0.023	195.1	0.0479				
1736.53	0.023	195.4	0.0497				
1736.57	0.026	195.6	0.0497				
1736.60	0.026	195.6	0.0524				
1736.63	0.026	195.8	0.055				
1736.67	0.027	196.1	0.0568				
1736.70	0.028	196.2	0.0577				
1736.73	0.028	196.4	0.0586				
1736.77	0.029	196.5	0.0595				
1736.80	0.029	196.7	0.0595				
1736.83	0.029	196.7	0.0595				
1736.87	0.029	196.8	0.0595				
1736.90	0.029	196.9	0.0595				
1736.95	0.028	196.9	0.0586				
1736.98	0.028	197	0.0586				
1737.02	0.027	197.1	0.0577				
1737.03	0.026	197	0.0559				
1737.07	0.025	197	0.055				
1737.10	0.024	197.1	0.0533				
1737.13	0.022	197	0.0533				
1737.17	0.021	196.9	0.0515				
1737.20	0.021	196.9	0.0497				
1737.23	0.02	196.8	0.047				
1737.27	0.017	196.6	0.0435				
1737.30	0.015	196.5	0.0408				
1737.33	0.014	196.4	0.0373				
1737.37	0.011	196.1	0.0373				
1737.40	0.009	196	0.0346				
1737.43	0.009	196	0.0311				
1737.47	0.008	195.8	0.0275				
1737.50	0.005	195.5	0.0222				
1737.53	0.003	195.2	0.0195				
1737.57	0.002	195	0.016				
1737.60	-0.002	194.7	0.016				
1737.63	-0.003	194.4	0.0107				
1737.67	-0.003	194.4	0.008				
1737.70	-0.004	194.2	0.0036				
1737.73	-0.007	193.9	0				
1737.77	-0.008	193.7	-0.0018				
1737.80	-0.01	193.4	-0.0053				
1737.83	-0.012	193.1	-0.0053				
1737.87	-0.013	192.9	-0.008				
1737.90	-0.013	192.9	-0.0115				
1737.93	-0.014	192.6	-0.0133				
1737.97	-0.015	192.4	-0.0151				
1738.00	-0.016	192.2	-0.0169				
1738.03	-0.016	192	-0.0169				
1738.07	-0.017	191.8	-0.0186				
1738.10	-0.017	191.7	-0.0186				
1738.13	-0.017	191.7	-0.0195				
1738.17	-0.017	191.6	-0.0195				
1738.20	-0.017	191.5	-0.0195				
1738.23	-0.017	191.4	-0.0195				
1738.27	-0.017	191.3	-0.0186				
1738.30	-0.016	191.3	-0.0178				
1738.33	-0.015	191.3	-0.0178				
1738.37	-0.014	191.3	-0.0169				
1738.42	-0.013	191.3	-0.0151				
1738.45	-0.012	191.3	-0.0151				
1738.47	-0.011	191.3	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1738.50	-0.011	191.4	-0.0115				
1738.53	-0.01	191.5	-0.0089				
1738.57	-0.006	191.6	-0.0062				
1738.60	-0.006	191.7	-0.0036				
1738.63	-0.004	191.9	0				
1738.67	-0.001	192.1	0				
1738.70	0	192.1	0.0036				
1738.73	0	192.2	0.0062				
1738.77	0.002	192.4	0.0098				
1738.80	0.005	192.7	0.0133				
1738.83	0.006	192.9	0.0169				
1738.87	0.008	193.1	0.0213				
1738.90	0.012	193.4	0.0213				
1738.93	0.013	193.4	0.0257				
1738.97	0.013	193.6	0.0293				
1739.00	0.014	193.9	0.0328				
1739.03	0.018	194.2	0.0373				
1739.07	0.019	194.4	0.0399				
1739.10	0.02	194.6	0.0426				
1739.13	0.022	194.9	0.0426				
1739.17	0.023	195.1	0.0462				
1739.20	0.023	195.1	0.0488				
1739.23	0.024	195.4	0.0506				
1739.27	0.026	195.7	0.0533				
1739.30	0.027	195.9	0.055				
1739.33	0.027	196.1	0.0568				
1739.37	0.028	196.2	0.0568				
1739.40	0.029	196.4	0.0577				
1739.43	0.029	196.4	0.0586				
1739.47	0.029	196.5	0.0595				
1739.50	0.029	196.6	0.0595				
1739.53	0.029	196.8	0.0595				
1739.57	0.028	196.9	0.0595				
1739.60	0.028	196.9	0.0586				
1739.63	0.027	197	0.0586				
1739.67	0.027	197	0.0577				
1739.70	0.026	197	0.0559				
1739.73	0.025	197	0.055				
1739.77	0.024	197	0.0541				
1739.80	0.023	196.9	0.0515				
1739.83	0.022	196.8	0.0497				
1739.88	0.019	196.7	0.047				
1739.92	0.019	196.7	0.0453				
1739.93	0.017	196.5	0.0426				
1739.97	0.014	196.4	0.0426				
1740.00	0.013	196.4	0.0391				
1740.03	0.013	196.3	0.0373				
1740.07	0.011	196	0.0337				
1740.10	0.008	195.8	0.0293				
1740.13	0.007	195.6	0.0257				
1740.17	0.005	195.3	0.0213				
1740.20	0.002	195.1	0.0213				
1740.23	0.001	195.1	0.0178				
1740.27	0.001	194.9	0.0142				
1740.30	-0.001	194.6	0.0098				
1740.33	-0.005	194.3	0.0062				
1740.37	-0.005	194.1	0.0036				
1740.40	-0.007	193.8	0				
1740.43	-0.01	193.5	0				
1740.47	-0.011	193.5	-0.0044				
1740.50	-0.011	193.2	-0.0062				
1740.53	-0.011	193	-0.008				
1740.57	-0.014	192.7	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1740.60	-0.014	192.5	-0.0133				
1740.63	-0.015	192.3	-0.0151				
1740.67	-0.016	192.1	-0.0151				
1740.70	-0.017	192.1	-0.0169				
1740.73	-0.017	191.9	-0.0178				
1740.77	-0.017	191.8	-0.0186				
1740.80	-0.017	191.6	-0.0186				
1740.83	-0.017	191.5	-0.0195				
1740.87	-0.017	191.4	-0.0195				
1740.90	-0.016	191.4	-0.0195				
1740.93	-0.016	191.4	-0.0186				
1740.97	-0.016	191.3	-0.0178				
1741.00	-0.016	191.3	-0.0178				
1741.03	-0.014	191.3	-0.0169				
1741.07	-0.014	191.3	-0.0151				
1741.10	-0.013	191.3	-0.0133				
1741.13	-0.011	191.4	-0.0133				
1741.17	-0.009	191.5	-0.0115				
1741.20	-0.009	191.5	-0.0098				
1741.23	-0.008	191.5	-0.0071				
1741.27	-0.006	191.7	-0.0036				
1741.32	-0.004	191.9	-0.0009				
1741.35	-0.003	192	0.0009				
1741.38	-0.001	192.2	0.0044				
1741.40	0.001	192.3	0.0071				
1741.43	0.003	192.5	0.0124				
1741.47	0.005	192.8	0.016				
1741.50	0.008	193	0.016				
1741.53	0.009	193	0.0186				
1741.57	0.009	193.2	0.0222				
1741.60	0.011	193.5	0.0257				
1741.63	0.014	193.7	0.0311				
1741.67	0.015	193.9	0.0337				
1741.70	0.017	194.3	0.0382				
1741.73	0.02	194.5	0.0382				
1741.77	0.02	194.5	0.0408				
1741.80	0.02	194.7	0.0435				
1741.83	0.022	195	0.047				
1741.87	0.024	195.2	0.0497				
1741.90	0.025	195.5	0.0515				
1741.93	0.025	195.7	0.0533				
1741.97	0.027	195.9	0.0533				
1742.00	0.027	195.9	0.0559				
1742.03	0.027	196.1	0.0568				
1742.07	0.028	196.3	0.0577				
1742.10	0.029	196.4	0.0586				
1742.13	0.029	196.6	0.0595				
1742.17	0.029	196.7	0.0595				
1742.20	0.029	196.8	0.0595				
1742.23	0.029	196.8	0.0595				
1742.27	0.029	196.9	0.0595				
1742.30	0.028	196.9	0.0586				
1742.33	0.027	197	0.0577				
1742.37	0.026	197	0.0559				
1742.40	0.025	197	0.055				
1742.43	0.023	196.9	0.055				
1742.47	0.022	196.9	0.0524				
1742.50	0.022	196.9	0.0515				
1742.53	0.021	196.8	0.0488				
1742.57	0.019	196.7	0.0453				
1742.60	0.017	196.5	0.0435				
1742.63	0.015	196.4	0.0408				
1742.67	0.013	196.2	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1742.70	0.011	196.1	0.0373				
1742.73	0.011	196.1	0.0337				
1742.78	0.007	195.7	0.0302				
1742.82	0.006	195.5	0.0284				
1742.83	0.006	195.5	0.0249				
1742.87	0.005	195.3	0.0204				
1742.90	0.001	194.9	0.016				
1742.93	-0.002	194.6	0.0115				
1742.97	-0.001	194.5	0.0098				
1743.00	-0.003	194.2	0.0053				
1743.03	-0.007	193.9	0.0053				
1743.07	-0.007	193.9	0.0009				
1743.10	-0.007	193.7	-0.0018				
1743.13	-0.01	193.3	-0.0062				
1743.17	-0.011	193.1	-0.008				
1743.20	-0.012	192.9	-0.0107				
1743.23	-0.013	192.6	-0.0133				
1743.27	-0.016	192.4	-0.0133				
1743.30	-0.016	192.4	-0.0151				
1743.33	-0.015	192.2	-0.016				
1743.37	-0.016	192	-0.0169				
1743.40	-0.017	191.8	-0.0186				
1743.43	-0.017	191.7	-0.0195				
1743.47	-0.018	191.5	-0.0204				
1743.50	-0.017	191.4	-0.0204				
1743.53	-0.017	191.4	-0.0204				
1743.57	-0.017	191.4	-0.0195				
1743.60	-0.017	191.3	-0.0186				
1743.63	-0.016	191.2	-0.0195				
1743.67	-0.016	191.2	-0.0169				
1743.70	-0.015	191.3	-0.016				
1743.73	-0.012	191.3	-0.016				
1743.77	-0.012	191.3	-0.0133				
1743.80	-0.012	191.3	-0.0124				
1743.83	-0.012	191.3	-0.0107				
1743.87	-0.007	191.5	-0.0071				
1743.90	-0.007	191.6	-0.0053				
1743.93	-0.007	191.7	-0.0027				
1743.97	-0.002	191.9	-0.0027				
1744.00	-0.002	191.9	0				
1744.03	-0.002	192.1	0.0036				
1744.07	0	192.3	0.0071				
1744.10	0.003	192.4	0.0115				
1744.13	0.006	192.7	0.0151				
1744.17	0.007	192.9	0.0178				
1744.22	0.008	193.1	0.0222				
1744.25	0.01	193.3	0.024				
1744.28	0.012	193.6	0.0284				
1744.30	0.015	193.9	0.0284				
1744.33	0.016	193.9	0.0311				
1744.37	0.016	194.1	0.0337				
1744.40	0.017	194.3	0.0391				
1744.43	0.02	194.6	0.0426				
1744.47	0.021	194.8	0.0453				
1744.50	0.022	195	0.0479				
1744.53	0.024	195.3	0.0479				
1744.57	0.025	195.3	0.0497				
1744.60	0.025	195.6	0.0524				
1744.63	0.026	195.8	0.0541				
1744.67	0.028	196	0.0559				
1744.70	0.028	196.1	0.0568				
1744.73	0.028	196.3	0.0586				
1744.77	0.029	196.5	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1744.80	0.029	196.6	0.0595				
1744.83	0.029	196.6	0.0595				
1744.87	0.029	196.7	0.0595				
1744.90	0.028	196.7	0.0586				
1744.93	0.029	196.9	0.0586				
1744.97	0.028	197	0.0586				
1745.00	0.026	196.9	0.0586				
1745.03	0.025	196.9	0.0568				
1745.07	0.025	196.9	0.0559				
1745.10	0.025	196.9	0.0541				
1745.13	0.023	196.9	0.0524				
1745.17	0.021	196.8	0.0506				
1745.20	0.02	196.7	0.0479				
1745.23	0.018	196.6	0.0453				
1745.27	0.015	196.4	0.0453				
1745.30	0.015	196.4	0.0426				
1745.33	0.015	196.3	0.0399				
1745.37	0.013	196.1	0.0364				
1745.40	0.01	195.9	0.0328				
1745.43	0.009	195.8	0.0284				
1745.47	0.006	195.5	0.024				
1745.50	0.004	195.3	0.024				
1745.53	0.004	195.3	0.0213				
1745.57	0.003	195	0.0169				
1745.60	0	194.7	0.0124				
1745.63	-0.003	194.4	0.0089				
1745.68	-0.004	194.2	0.0062				
1745.72	-0.004	194	0.0044				
1745.73	-0.007	193.8	0.0009				
1745.77	-0.008	193.5	-0.0027				
1745.80	-0.01	193.2	-0.0062				
1745.83	-0.012	193	-0.0062				
1745.87	-0.013	193	-0.0089				
1745.90	-0.013	192.7	-0.0107				
1745.93	-0.013	192.5	-0.0124				
1745.97	-0.015	192.3	-0.0151				
1746.00	-0.016	192.1	-0.016				
1746.03	-0.016	191.9	-0.0178				
1746.07	-0.017	191.7	-0.0178				
1746.10	-0.017	191.7	-0.0186				
1746.13	-0.017	191.6	-0.0195				
1746.17	-0.017	191.5	-0.0195				
1746.20	-0.017	191.4	-0.0195				
1746.23	-0.017	191.3	-0.0195				
1746.27	-0.016	191.2	-0.0186				
1746.30	-0.015	191.2	-0.0186				
1746.33	-0.015	191.2	-0.0178				
1746.37	-0.015	191.2	-0.0169				
1746.40	-0.014	191.2	-0.016				
1746.43	-0.012	191.2	-0.0142				
1746.47	-0.011	191.3	-0.0124				
1746.50	-0.01	191.3	-0.0098				
1746.53	-0.007	191.5	-0.0098				
1746.57	-0.006	191.5	-0.0071				
1746.60	-0.006	191.6	-0.0053				
1746.63	-0.005	191.7	-0.0018				
1746.67	-0.002	191.9	0.0018				
1746.70	-0.001	192.1	0.0036				
1746.73	0.001	192.2	0.008				
1746.77	0.004	192.5	0.008				
1746.80	0.005	192.7	0.0124				
1746.83	0.005	192.7	0.0151				
1746.87	0.007	192.9	0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1746.90	0.011	193.3	0.024				
1746.93	0.012	193.5	0.0275				
1746.97	0.013	193.7	0.0311				
1747.00	0.016	194	0.0311				
1747.03	0.018	194.2	0.0355				
1747.07	0.018	194.2	0.0382				
1747.10	0.019	194.4	0.0417				
1747.15	0.022	194.9	0.0444				
1747.18	0.022	194.9	0.0462				
1747.20	0.023	195.1	0.0488				
1747.23	0.024	195.4	0.0515				
1747.27	0.026	195.7	0.0541				
1747.30	0.026	195.8	0.0541				
1747.33	0.027	196	0.0559				
1747.37	0.028	196.2	0.0559				
1747.40	0.028	196.2	0.0568				
1747.43	0.028	196.4	0.0586				
1747.47	0.029	196.5	0.0595				
1747.50	0.029	196.6	0.0595				
1747.53	0.029	196.7	0.0595				
1747.57	0.029	196.8	0.0595				
1747.60	0.027	196.9	0.0595				
1747.63	0.027	196.9	0.0577				
1747.67	0.027	197	0.0577				
1747.70	0.027	197	0.0568				
1747.73	0.025	196.9	0.055				
1747.77	0.024	196.9	0.0541				
1747.80	0.023	196.8	0.0515				
1747.83	0.02	196.8	0.0515				
1747.87	0.019	196.8	0.0488				
1747.90	0.019	196.7	0.047				
1747.93	0.018	196.6	0.0444				
1747.97	0.015	196.4	0.0408				
1748.00	0.014	196.3	0.0382				
1748.03	0.012	196.1	0.0346				
1748.07	0.009	195.9	0.0346				
1748.10	0.008	195.9	0.0311				
1748.13	0.008	195.7	0.0275				
1748.17	0.006	195.4	0.0231				
1748.20	0.003	195.1	0.0195				
1748.23	0.002	194.9	0.016				
1748.27	0	194.6	0.0115				
1748.30	-0.004	194.3	0.0115				
1748.33	-0.004	194.3	0.0071				
1748.37	-0.004	194.1	0.0044				
1748.40	-0.006	193.8	0				
1748.43	-0.009	193.5	-0.0036				
1748.47	-0.01	193.3	-0.0053				
1748.50	-0.011	193.1	-0.008				
1748.53	-0.013	192.8	-0.008				
1748.58	-0.014	192.6	-0.0124				
1748.62	-0.014	192.4	-0.0133				
1748.63	-0.016	192.2	-0.0133				
1748.67	-0.016	192	-0.016				
1748.70	-0.016	192	-0.0169				
1748.73	-0.016	191.8	-0.0178				
1748.77	-0.017	191.7	-0.0186				
1748.80	-0.017	191.5	-0.0195				
1748.83	-0.017	191.4	-0.0195				
1748.87	-0.017	191.3	-0.0195				
1748.90	-0.017	191.2	-0.0195				
1748.93	-0.017	191.2	-0.0195				
1748.97	-0.016	191.2	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1749.00	-0.015	191.2	-0.0178				
1749.03	-0.015	191.2	-0.0169				
1749.07	-0.014	191.2	-0.0151				
1749.10	-0.012	191.3	-0.0133				
1749.13	-0.01	191.3	-0.0133				
1749.17	-0.01	191.3	-0.0115				
1749.20	-0.009	191.4	-0.0089				
1749.23	-0.008	191.6	-0.0062				
1749.27	-0.005	191.7	-0.0036				
1749.30	-0.004	191.8	-0.0009				
1749.33	-0.002	192	0.0027				
1749.37	0.001	192.2	0.0027				
1749.40	0.002	192.2	0.0062				
1749.43	0.002	192.3	0.0089				
1749.47	0.004	192.6	0.0133				
1749.50	0.007	192.8	0.0178				
1749.53	0.008	193	0.0213				
1749.57	0.01	193.3	0.0249				
1749.60	0.014	193.6	0.0249				
1749.63	0.015	193.6	0.0302				
1749.67	0.015	193.8	0.0328				
1749.70	0.016	194.1	0.0364				
1749.73	0.019	194.3	0.0399				
1749.77	0.02	194.5	0.0426				
1749.80	0.021	194.8	0.0462				
1749.83	0.023	195.1	0.0462				
1749.87	0.024	195.1	0.0488				
1749.90	0.024	195.3	0.0506				
1749.93	0.025	195.6	0.0533				
1749.97	0.027	195.8	0.055				
1750.00	0.027	196	0.0568				
1750.05	0.028	196.1	0.0577				
1750.08	0.028	196.3	0.0586				
1750.10	0.028	196.4	0.0586				
1750.13	0.029	196.6	0.0595				
1750.17	0.029	196.7	0.0595				
1750.20	0.029	196.7	0.0595				
1750.23	0.029	196.8	0.0595				
1750.27	0.029	196.9	0.0595				
1750.30	0.028	196.9	0.0586				
1750.33	0.027	196.9	0.0577				
1750.37	0.026	197	0.0559				
1750.40	0.025	196.9	0.0559				
1750.43	0.023	196.9	0.0541				
1750.47	0.023	196.9	0.0533				
1750.50	0.022	196.8	0.0506				
1750.53	0.02	196.7	0.0488				
1750.57	0.018	196.6	0.0462				
1750.60	0.017	196.5	0.0435				
1750.63	0.015	196.3	0.0435				
1750.67	0.012	196.2	0.0399				
1750.70	0.012	196.2	0.0373				
1750.73	0.011	196	0.0337				
1750.77	0.009	195.8	0.0302				
1750.80	0.006	195.6	0.0257				
1750.83	0.005	195.4	0.0222				
1750.87	0.002	195	0.0222				
1750.90	0	194.8	0.0178				
1750.93	0	194.8	0.0142				
1750.97	-0.001	194.6	0.0107				
1751.00	-0.004	194.2	0.0062				
1751.03	-0.006	194	0.0027				
1751.07	-0.007	193.8	0				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1751.10	-0.009	193.4	0				
1751.13	-0.011	193.2	-0.0036				
1751.17	-0.011	193.2	-0.0062				
1751.20	-0.012	192.9	-0.0089				
1751.23	-0.013	192.7	-0.0115				
1751.27	-0.015	192.4	-0.0133				
1751.30	-0.015	192.3	-0.0151				
1751.33	-0.016	192.1	-0.0169				
1751.37	-0.017	191.9	-0.0169				
1751.40	-0.017	191.9	-0.0178				
1751.43	-0.017	191.7	-0.0186				
1751.48	-0.017	191.5	-0.0186				
1751.52	-0.017	191.5	-0.0195				
1751.55	-0.017	191.4	-0.0195				
1751.57	-0.017	191.3	-0.0195				
1751.60	-0.016	191.2	-0.0186				
1751.63	-0.016	191.2	-0.0186				
1751.67	-0.015	191.1	-0.0178				
1751.70	-0.014	191.2	-0.0178				
1751.73	-0.013	191.2	-0.016				
1751.77	-0.013	191.2	-0.0142				
1751.80	-0.012	191.2	-0.0124				
1751.83	-0.01	191.3	-0.0107				
1751.87	-0.009	191.4	-0.008				
1751.90	-0.007	191.6	-0.0053				
1751.93	-0.004	191.7	-0.0053				
1751.97	-0.003	191.7	-0.0027				
1752.00	-0.003	191.8	0				
1752.03	-0.002	192	0.0044				
1752.07	0.002	192.2	0.008				
1752.10	0.003	192.4	0.0107				
1752.13	0.005	192.7	0.0151				
1752.17	0.008	192.9	0.0151				
1752.20	0.009	192.9	0.0195				
1752.23	0.009	193.1	0.0222				
1752.27	0.011	193.4	0.0257				
1752.30	0.015	193.7	0.0311				
1752.33	0.015	193.9	0.0346				
1752.37	0.017	194.1	0.0382				
1752.40	0.02	194.4	0.0382				
1752.43	0.02	194.4	0.0417				
1752.47	0.02	194.6	0.0435				
1752.50	0.022	194.9	0.047				
1752.53	0.024	195.1	0.0497				
1752.57	0.025	195.4	0.0515				
1752.60	0.026	195.6	0.0541				
1752.63	0.027	195.8	0.0541				
1752.67	0.027	195.8	0.055				
1752.70	0.027	196	0.0568				
1752.73	0.028	196.2	0.0577				
1752.77	0.029	196.3	0.0586				
1752.80	0.029	196.5	0.0595				
1752.83	0.029	196.6	0.0595				
1752.87	0.029	196.7	0.0595				
1752.90	0.028	196.7	0.0595				
1752.95	0.027	196.9	0.0586				
1752.98	0.028	196.9	0.0586				
1753.00	0.026	196.9	0.0586				
1753.03	0.026	196.9	0.0568				
1753.07	0.026	196.9	0.0559				
1753.10	0.024	196.9	0.0541				
1753.13	0.023	196.8	0.0524				
1753.17	0.022	196.8	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1753.20	0.02	196.7	0.0488				
1753.23	0.017	196.5	0.047				
1753.27	0.017	196.5	0.0444				
1753.30	0.017	196.4	0.0417				
1753.33	0.014	196.2	0.0382				
1753.37	0.012	196.1	0.0355				
1753.40	0.011	195.9	0.032				
1753.43	0.008	195.6	0.032				
1753.47	0.006	195.4	0.0284				
1753.50	0.006	195.4	0.024				
1753.53	0.004	195.2	0.0204				
1753.57	0.002	194.9	0.016				
1753.60	-0.001	194.6	0.0124				
1753.63	-0.002	194.4	0.0089				
1753.67	-0.005	194.1	0.0053				
1753.70	-0.006	193.9	0.0053				
1753.73	-0.006	193.9	0.0018				
1753.77	-0.007	193.6	-0.0018				
1753.80	-0.01	193.3	-0.0053				
1753.83	-0.011	193	-0.008				
1753.87	-0.012	192.8	-0.0107				
1753.90	-0.014	192.6	-0.0124				
1753.93	-0.015	192.3	-0.0124				
1753.97	-0.015	192.3	-0.0142				
1754.00	-0.015	192.2	-0.016				
1754.03	-0.016	191.9	-0.0178				
1754.07	-0.017	191.8	-0.0186				
1754.10	-0.017	191.7	-0.0186				
1754.13	-0.017	191.5	-0.0195				
1754.17	-0.017	191.4	-0.0195				
1754.20	-0.017	191.4	-0.0195				
1754.23	-0.017	191.3	-0.0195				
1754.27	-0.017	191.2	-0.0186				
1754.30	-0.016	191.2	-0.0186				
1754.33	-0.015	191.2	-0.0178				
1754.38	-0.015	191.2	-0.016				
1754.42	-0.014	191.2	-0.016				
1754.45	-0.013	191.2	-0.0142				
1754.47	-0.011	191.3	-0.0115				
1754.50	-0.009	191.4	-0.0115				
1754.53	-0.008	191.4	-0.0089				
1754.57	-0.008	191.4	-0.0071				
1754.60	-0.007	191.6	-0.0044				
1754.63	-0.004	191.7	-0.0018				
1754.67	-0.002	191.9	0.0018				
1754.70	-0.001	192.1	0.0053				
1754.73	0.003	192.3	0.0053				
1754.77	0.004	192.5	0.0089				
1754.80	0.004	192.5	0.0115				
1754.83	0.005	192.7	0.016				
1754.87	0.009	193	0.0204				
1754.90	0.011	193.2	0.0231				
1754.93	0.012	193.4	0.0284				
1754.97	0.014	193.7	0.0284				
1755.00	0.017	194	0.032				
1755.03	0.017	194	0.0355				
1755.07	0.017	194.2	0.0391				
1755.10	0.02	194.5	0.0417				
1755.13	0.022	194.7	0.0453				
1755.17	0.022	194.9	0.0479				
1755.20	0.024	195.2	0.0479				
1755.23	0.026	195.4	0.0506				
1755.27	0.026	195.4	0.0524				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1755.30	0.026	195.7	0.055				
1755.33	0.027	195.9	0.0559				
1755.37	0.028	196.1	0.0577				
1755.40	0.028	196.2	0.0586				
1755.43	0.029	196.4	0.0595				
1755.47	0.029	196.5	0.0595				
1755.50	0.029	196.5	0.0595				
1755.53	0.029	196.6	0.0595				
1755.57	0.029	196.7	0.0595				
1755.60	0.028	196.8	0.0595				
1755.63	0.027	196.8	0.0586				
1755.67	0.027	196.9	0.0568				
1755.70	0.025	196.9	0.0568				
1755.73	0.025	196.9	0.0559				
1755.77	0.025	196.9	0.055				
1755.80	0.023	196.8	0.0533				
1755.85	0.021	196.7	0.0506				
1755.88	0.021	196.7	0.0488				
1755.90	0.02	196.6	0.047				
1755.93	0.016	196.4	0.0435				
1755.97	0.016	196.3	0.0417				
1756.00	0.014	196.2	0.0382				
1756.03	0.011	196	0.0382				
1756.07	0.009	196	0.0346				
1756.10	0.009	195.8	0.0311				
1756.13	0.008	195.6	0.0275				
1756.17	0.005	195.3	0.0231				
1756.20	0.003	195.1	0.0195				
1756.23	0.002	194.9	0.0151				
1756.27	-0.001	194.5	0.0151				
1756.30	-0.003	194.3	0.0115				
1756.33	-0.003	194.3	0.008				
1756.37	-0.005	194	0.0036				
1756.40	-0.007	193.7	0.0009				
1756.43	-0.009	193.5	-0.0027				
1756.47	-0.01	193.2	-0.0053				
1756.50	-0.012	192.9	-0.0053				
1756.53	-0.013	192.7	-0.0089				
1756.57	-0.013	192.7	-0.0107				
1756.60	-0.014	192.5	-0.0133				
1756.63	-0.015	192.2	-0.0151				
1756.67	-0.016	192	-0.016				
1756.70	-0.016	191.9	-0.0169				
1756.73	-0.017	191.7	-0.0178				
1756.77	-0.017	191.6	-0.0178				
1756.80	-0.017	191.6	-0.0186				
1756.83	-0.017	191.4	-0.0195				
1756.87	-0.017	191.3	-0.0195				
1756.90	-0.017	191.3	-0.0195				
1756.93	-0.017	191.2	-0.0186				
1756.97	-0.016	191.2	-0.0178				
1757.00	-0.014	191.2	-0.0178				
1757.03	-0.014	191.2	-0.0169				
1757.07	-0.014	191.2	-0.016				
1757.10	-0.013	191.2	-0.0142				
1757.13	-0.011	191.2	-0.0124				
1757.17	-0.01	191.3	-0.0107				
1757.20	-0.009	191.4	-0.008				
1757.23	-0.006	191.6	-0.008				
1757.27	-0.005	191.6	-0.0044				
1757.32	-0.004	191.8	-0.0009				
1757.35	-0.002	191.9	-0.0009				
1757.37	0	191.9	0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1757.40	0	192.1	0.0053				
1757.43	0.002	192.3	0.0098				
1757.47	0.005	192.6	0.0142				
1757.50	0.006	192.7	0.0169				
1757.53	0.008	193	0.0213				
1757.57	0.012	193.3	0.0213				
1757.60	0.013	193.3	0.0257				
1757.63	0.013	193.5	0.0293				
1757.67	0.014	193.7	0.0328				
1757.70	0.017	194	0.0373				
1757.73	0.019	194.3	0.0399				
1757.77	0.02	194.5	0.0435				
1757.80	0.022	194.8	0.0435				
1757.83	0.023	195	0.0462				
1757.87	0.023	195	0.0488				
1757.90	0.024	195.2	0.0515				
1757.93	0.026	195.5	0.0533				
1757.97	0.027	195.7	0.055				
1758.00	0.027	195.9	0.0559				
1758.03	0.028	196.1	0.0559				
1758.07	0.029	196.2	0.0577				
1758.10	0.029	196.2	0.0586				
1758.13	0.029	196.4	0.0586				
1758.17	0.029	196.5	0.0595				
1758.20	0.029	196.6	0.0595				
1758.23	0.028	196.7	0.0595				
1758.27	0.028	196.8	0.0595				
1758.30	0.028	196.8	0.0595				
1758.33	0.026	196.8	0.0586				
1758.37	0.026	196.9	0.0568				
1758.40	0.025	196.8	0.0559				
1758.43	0.024	196.8	0.0541				
1758.47	0.023	196.8	0.0515				
1758.50	0.022	196.7	0.0497				
1758.53	0.019	196.6	0.0497				
1758.57	0.018	196.6	0.047				
1758.60	0.018	196.5	0.0444				
1758.63	0.016	196.3	0.0417				
1758.67	0.013	196.1	0.0382				
1758.70	0.012	196	0.0355				
1758.75	0.01	195.8	0.032				
1758.78	0.008	195.7	0.0302				
1758.82	0.007	195.5	0.0257				
1758.83	0.005	195.1	0.0213				
1758.87	0.002	194.9	0.0213				
1758.90	0.001	194.9	0.0169				
1758.93	0.001	194.7	0.0142				
1758.97	-0.001	194.4	0.0098				
1759.00	-0.004	194.1	0.0062				
1759.03	-0.005	193.9	0.0036				
1759.07	-0.007	193.6	0				
1759.10	-0.01	193.3	0				
1759.13	-0.01	193.3	-0.0044				
1759.17	-0.01	193.1	-0.0062				
1759.20	-0.011	192.8	-0.0089				
1759.23	-0.014	192.6	-0.0115				
1759.27	-0.014	192.4	-0.0133				
1759.30	-0.015	192.1	-0.016				
1759.33	-0.016	191.9	-0.016				
1759.37	-0.017	191.9	-0.0169				
1759.40	-0.017	191.8	-0.0178				
1759.43	-0.017	191.6	-0.0186				
1759.47	-0.017	191.5	-0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1759.50	-0.017	191.4	-0.0195				
1759.53	-0.017	191.3	-0.0195				
1759.57	-0.016	191.2	-0.0195				
1759.60	-0.016	191.2	-0.0186				
1759.63	-0.016	191.2	-0.0186				
1759.67	-0.016	191.1	-0.0178				
1759.70	-0.014	191.1	-0.016				
1759.73	-0.014	191.1	-0.0151				
1759.77	-0.013	191.2	-0.0133				
1759.80	-0.01	191.2	-0.0133				
1759.83	-0.009	191.2	-0.0115				
1759.87	-0.009	191.3	-0.0098				
1759.90	-0.008	191.4	-0.0071				
1759.93	-0.005	191.6	-0.0036				
1759.97	-0.004	191.7	-0.0009				
1760.00	-0.003	191.9	0.0027				
1760.03	0.001	192.1	0.0027				
1760.07	0.002	192.1	0.0062				
1760.10	0.002	192.2	0.0089				
1760.13	0.004	192.5	0.0133				
1760.17	0.007	192.8	0.0178				
1760.22	0.008	192.9	0.0204				
1760.25	0.009	193.1	0.0231				
1760.27	0.012	193.4	0.0275				
1760.30	0.014	193.6	0.0311				
1760.33	0.015	193.8	0.0355				
1760.37	0.018	194.1	0.0355				
1760.40	0.019	194.4	0.0391				
1760.43	0.019	194.4	0.0417				
1760.47	0.02	194.6	0.0444				
1760.50	0.022	194.9	0.0479				
1760.53	0.024	195.1	0.0506				
1760.57	0.025	195.3	0.0533				
1760.60	0.026	195.6	0.0533				
1760.63	0.027	195.8	0.055				
1760.67	0.027	195.8	0.0559				
1760.70	0.027	196	0.0577				
1760.73	0.028	196.2	0.0586				
1760.77	0.029	196.3	0.0595				
1760.80	0.029	196.5	0.0595				
1760.83	0.029	196.6	0.0595				
1760.87	0.029	196.7	0.0595				
1760.90	0.028	196.7	0.0595				
1760.93	0.028	196.7	0.0595				
1760.97	0.028	196.8	0.0586				
1761.00	0.027	196.8	0.0577				
1761.03	0.026	196.8	0.0568				
1761.07	0.025	196.8	0.055				
1761.10	0.023	196.8	0.055				
1761.13	0.022	196.8	0.0533				
1761.17	0.022	196.8	0.0515				
1761.20	0.021	196.7	0.0488				
1761.23	0.018	196.5	0.0462				
1761.27	0.017	196.4	0.0435				
1761.30	0.016	196.3	0.0408				
1761.33	0.012	196.1	0.0408				
1761.37	0.011	196.1	0.0373				
1761.40	0.011	196	0.0346				
1761.43	0.01	195.7	0.0302				
1761.47	0.006	195.4	0.0257				
1761.50	0.005	195.2	0.0231				
1761.53	0.003	194.9	0.0186				
1761.57	0	194.7	0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1761.60	-0.001	194.7	0.0142				
1761.65	-0.002	194.3	0.0098				
1761.68	-0.005	194	0.0098				
1761.72	-0.006	194	0.0062				
1761.73	-0.006	193.8	0.0027				
1761.77	-0.007	193.5	-0.0009				
1761.80	-0.01	193.2	-0.0053				
1761.83	-0.011	193	-0.0071				
1761.87	-0.012	192.7	-0.0098				
1761.90	-0.014	192.5	-0.0098				
1761.93	-0.015	192.3	-0.0115				
1761.97	-0.015	192.3	-0.0142				
1762.00	-0.015	192.1	-0.016				
1762.03	-0.016	191.9	-0.0169				
1762.07	-0.017	191.7	-0.0178				
1762.10	-0.017	191.6	-0.0186				
1762.13	-0.017	191.4	-0.0186				
1762.17	-0.017	191.3	-0.0186				
1762.20	-0.017	191.3	-0.0186				
1762.23	-0.017	191.2	-0.0186				
1762.27	-0.017	191.2	-0.0186				
1762.30	-0.016	191.2	-0.0178				
1762.33	-0.015	191.1	-0.0169				
1762.37	-0.014	191.1	-0.0151				
1762.40	-0.013	191.2	-0.0151				
1762.43	-0.012	191.2	-0.0142				
1762.47	-0.012	191.2	-0.0124				
1762.50	-0.011	191.3	-0.0107				
1762.53	-0.008	191.4	-0.008				
1762.57	-0.007	191.4	-0.0062				
1762.60	-0.006	191.6	-0.0027				
1762.63	-0.003	191.8	-0.0027				
1762.67	-0.002	191.8	0				
1762.70	-0.002	191.9	0.0036				
1762.73	0	192.1	0.0071				
1762.77	0.004	192.4	0.0115				
1762.80	0.004	192.5	0.0133				
1762.83	0.006	192.8	0.0178				
1762.87	0.01	193	0.0178				
1762.90	0.011	193	0.0222				
1762.93	0.011	193.2	0.0257				
1762.97	0.012	193.5	0.0302				
1763.00	0.016	193.8	0.0346				
1763.03	0.017	194	0.0373				
1763.07	0.018	194.3	0.0408				
1763.12	0.021	194.6	0.0444				
1763.15	0.021	194.7	0.0462				
1763.17	0.022	195	0.0488				
1763.20	0.025	195.2	0.0488				
1763.23	0.025	195.2	0.0515				
1763.27	0.025	195.4	0.0533				
1763.30	0.026	195.7	0.055				
1763.33	0.027	195.9	0.0568				
1763.37	0.028	196.1	0.0577				
1763.40	0.028	196.2	0.0586				
1763.43	0.029	196.4	0.0586				
1763.47	0.029	196.4	0.0595				
1763.50	0.029	196.5	0.0595				
1763.53	0.029	196.6	0.0595				
1763.57	0.029	196.7	0.0595				
1763.60	0.028	196.8	0.0595				
1763.63	0.028	196.8	0.0586				
1763.67	0.027	196.8	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1763.70	0.025	196.8	0.0568				
1763.73	0.025	196.8	0.0559				
1763.77	0.025	196.8	0.055				
1763.80	0.023	196.8	0.0524				
1763.83	0.022	196.7	0.0515				
1763.87	0.021	196.6	0.0479				
1763.90	0.018	196.5	0.0479				
1763.93	0.016	196.3	0.0453				
1763.97	0.016	196.3	0.0426				
1764.00	0.015	196.2	0.0391				
1764.03	0.012	196	0.0355				
1764.07	0.01	195.8	0.0328				
1764.10	0.009	195.7	0.0293				
1764.13	0.006	195.3	0.0293				
1764.17	0.004	195.1	0.024				
1764.20	0.004	195.1	0.0213				
1764.23	0.003	194.9	0.0169				
1764.27	-0.001	194.6	0.0124				
1764.30	-0.003	194.3	0.0098				
1764.33	-0.003	194.1	0.0062				
1764.37	-0.006	193.8	0.0062				
1764.40	-0.008	193.5	0.0018				
1764.43	-0.008	193.5	-0.0009				
1764.47	-0.009	193.3	-0.0044				
1764.50	-0.011	193	-0.0071				
1764.53	-0.013	192.8	-0.0098				
1764.58	-0.013	192.6	-0.0107				
1764.62	-0.014	192.4	-0.0124				
1764.63	-0.015	192.1	-0.0142				
1764.67	-0.016	192	-0.016				
1764.70	-0.016	191.8	-0.0178				
1764.73	-0.017	191.6	-0.0178				
1764.77	-0.017	191.6	-0.0186				
1764.80	-0.017	191.5	-0.0186				
1764.83	-0.017	191.3	-0.0186				
1764.87	-0.017	191.2	-0.0195				
1764.90	-0.017	191.2	-0.0195				
1764.93	-0.017	191.1	-0.0186				
1764.97	-0.015	191.1	-0.0186				
1765.00	-0.015	191.1	-0.0178				
1765.03	-0.015	191	-0.0169				
1765.07	-0.014	191.1	-0.0151				
1765.10	-0.012	191.1	-0.0133				
1765.13	-0.011	191.2	-0.0124				
1765.17	-0.01	191.3	-0.0089				
1765.20	-0.007	191.4	-0.0089				
1765.23	-0.007	191.4	-0.0062				
1765.27	-0.007	191.4	-0.0044				
1765.30	-0.005	191.6	-0.0018				
1765.33	-0.002	191.8	0.0018				
1765.37	-0.001	191.9	0.0053				
1765.40	0.001	192.2	0.0089				
1765.43	0.005	192.4	0.0089				
1765.47	0.006	192.4	0.0133				
1765.50	0.006	192.6	0.016				
1765.53	0.007	192.8	0.0195				
1765.57	0.011	193.1	0.024				
1765.60	0.012	193.3	0.0284				
1765.63	0.013	193.6	0.032				
1765.67	0.017	193.8	0.032				
1765.70	0.017	193.8	0.0355				
1765.73	0.017	194.1	0.0382				
1765.77	0.019	194.3	0.0426				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1765.80	0.022	194.6	0.0462				
1765.83	0.022	194.8	0.047				
1765.87	0.023	195	0.0506				
1765.90	0.025	195.3	0.0506				
1765.93	0.027	195.6	0.0533				
1765.97	0.027	195.6	0.055				
1766.02	0.027	195.9	0.0559				
1766.05	0.028	196.1	0.0568				
1766.07	0.028	196.1	0.0577				
1766.10	0.029	196.3	0.0586				
1766.13	0.029	196.4	0.0595				
1766.17	0.029	196.5	0.0595				
1766.20	0.029	196.6	0.0595				
1766.23	0.029	196.7	0.0595				
1766.27	0.028	196.8	0.0604				
1766.30	0.028	196.8	0.0595				
1766.33	0.027	196.8	0.0577				
1766.37	0.026	196.8	0.0568				
1766.40	0.024	196.8	0.055				
1766.43	0.024	196.8	0.0541				
1766.47	0.023	196.7	0.0515				
1766.50	0.02	196.6	0.0515				
1766.53	0.02	196.6	0.0497				
1766.57	0.02	196.6	0.0479				
1766.60	0.018	196.4	0.0444				
1766.63	0.015	196.2	0.0408				
1766.67	0.014	196.1	0.0382				
1766.70	0.012	195.9	0.0346				
1766.73	0.009	195.7	0.0346				
1766.77	0.008	195.7	0.0311				
1766.80	0.008	195.5	0.0275				
1766.83	0.006	195.2	0.0231				
1766.87	0.002	195	0.0195				
1766.90	0.002	194.8	0.016				
1766.93	0	194.5	0.0124				
1766.97	-0.004	194.2	0.0124				
1767.00	-0.004	194.2	0.008				
1767.03	-0.004	194	0.0044				
1767.07	-0.006	193.7	0.0009				
1767.10	-0.009	193.4	-0.0027				
1767.13	-0.01	193.2	-0.0053				
1767.17	-0.011	192.9	-0.008				
1767.20	-0.013	192.6	-0.008				
1767.23	-0.014	192.6	-0.0107				
1767.27	-0.014	192.4	-0.0124				
1767.30	-0.015	192.2	-0.0151				
1767.33	-0.016	192	-0.016				
1767.37	-0.016	191.8	-0.0169				
1767.40	-0.017	191.7	-0.0178				
1767.43	-0.017	191.5	-0.0178				
1767.48	-0.017	191.4	-0.0195				
1767.52	-0.017	191.3	-0.0195				
1767.53	-0.017	191.2	-0.0195				
1767.57	-0.017	191.1	-0.0195				
1767.60	-0.017	191.1	-0.0195				
1767.63	-0.016	191	-0.0186				
1767.67	-0.015	191	-0.0178				
1767.70	-0.014	191	-0.0169				
1767.73	-0.014	191	-0.0151				
1767.77	-0.012	191.1	-0.0133				
1767.80	-0.01	191.2	-0.0133				
1767.83	-0.01	191.2	-0.0115				
1767.87	-0.009	191.2	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1767.90	-0.008	191.4	-0.0062				
1767.93	-0.005	191.5	-0.0036				
1767.97	-0.004	191.6	0				
1768.00	-0.002	191.9	0.0036				
1768.03	0	192	0.0036				
1768.07	0	192	0.0062				
1768.10	0.002	192.2	0.0098				
1768.13	0.004	192.5	0.0142				
1768.17	0.007	192.7	0.0178				
1768.20	0.008	192.9	0.0204				
1768.23	0.01	193.2	0.0249				
1768.27	0.014	193.4	0.0249				
1768.30	0.014	193.4	0.0293				
1768.33	0.014	193.6	0.0328				
1768.37	0.016	193.9	0.0364				
1768.40	0.019	194.2	0.0399				
1768.43	0.02	194.4	0.0426				
1768.47	0.021	194.7	0.0462				
1768.50	0.024	194.9	0.0462				
1768.53	0.024	194.9	0.0488				
1768.57	0.024	195.1	0.0506				
1768.60	0.025	195.4	0.0533				
1768.63	0.027	195.6	0.055				
1768.67	0.027	195.8	0.0559				
1768.70	0.027	196	0.0577				
1768.73	0.028	196.2	0.0577				
1768.77	0.029	196.2	0.0586				
1768.80	0.029	196.3	0.0586				
1768.83	0.029	196.4	0.0595				
1768.87	0.029	196.5	0.0595				
1768.92	0.029	196.6	0.0595				
1768.95	0.028	196.7	0.0595				
1768.98	0.028	196.8	0.0586				
1769.00	0.027	196.8	0.0577				
1769.03	0.026	196.8	0.0568				
1769.07	0.024	196.8	0.0568				
1769.10	0.023	196.8	0.055				
1769.13	0.023	196.8	0.0533				
1769.17	0.022	196.7	0.0515				
1769.20	0.02	196.6	0.0488				
1769.23	0.019	196.5	0.047				
1769.27	0.017	196.4	0.0435				
1769.30	0.014	196.2	0.0435				
1769.33	0.013	196.2	0.0399				
1769.37	0.013	196.1	0.0373				
1769.40	0.011	195.9	0.0337				
1769.43	0.008	195.6	0.0293				
1769.47	0.006	195.4	0.0257				
1769.50	0.005	195.2	0.0222				
1769.53	0.002	194.9	0.0222				
1769.57	0.001	194.7	0.0178				
1769.60	0.001	194.7	0.0151				
1769.63	-0.001	194.4	0.0098				
1769.67	-0.004	194.1	0.0062				
1769.70	-0.005	193.8	0.0036				
1769.73	-0.007	193.6	0				
1769.77	-0.009	193.3	0				
1769.80	-0.011	193	-0.0036				
1769.83	-0.011	193	-0.0062				
1769.87	-0.011	192.8	-0.0089				
1769.90	-0.013	192.5	-0.0115				
1769.93	-0.015	192.3	-0.0133				
1769.97	-0.015	192.1	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1770.00	-0.016	191.9	-0.016				
1770.03	-0.016	191.7	-0.016				
1770.07	-0.016	191.7	-0.0169				
1770.10	-0.017	191.6	-0.0178				
1770.13	-0.017	191.4	-0.0186				
1770.17	-0.017	191.3	-0.0186				
1770.20	-0.017	191.2	-0.0195				
1770.23	-0.017	191.2	-0.0186				
1770.27	-0.016	191.1	-0.0186				
1770.30	-0.016	191.1	-0.0178				
1770.33	-0.016	191	-0.0178				
1770.38	-0.014	191	-0.016				
1770.42	-0.013	191	-0.0151				
1770.43	-0.013	191	-0.0142				
1770.47	-0.012	191.1	-0.0124				
1770.50	-0.009	191.2	-0.0098				
1770.53	-0.009	191.3	-0.008				
1770.57	-0.007	191.4	-0.0053				
1770.60	-0.004	191.5	-0.0053				
1770.63	-0.003	191.5	-0.0018				
1770.67	-0.003	191.7	0.0009				
1770.70	-0.002	191.9	0.0044				
1770.73	0.002	192.1	0.008				
1770.77	0.003	192.2	0.0115				
1770.80	0.004	192.5	0.0151				
1770.83	0.009	192.8	0.0151				
1770.87	0.009	192.8	0.0195				
1770.90	0.009	192.9	0.0222				
1770.93	0.011	193.2	0.0275				
1770.97	0.014	193.5	0.0311				
1771.00	0.015	193.7	0.0346				
1771.03	0.017	194	0.0382				
1771.07	0.02	194.3	0.0382				
1771.10	0.021	194.3	0.0417				
1771.13	0.021	194.5	0.0444				
1771.17	0.022	194.7	0.047				
1771.20	0.024	195	0.0497				
1771.23	0.025	195.2	0.0515				
1771.27	0.026	195.4	0.0541				
1771.30	0.027	195.7	0.0541				
1771.33	0.027	195.9	0.0559				
1771.37	0.027	195.9	0.0568				
1771.40	0.028	196	0.0586				
1771.43	0.028	196.2	0.0595				
1771.47	0.029	196.3	0.0595				
1771.50	0.029	196.4	0.0595				
1771.53	0.029	196.6	0.0595				
1771.57	0.029	196.6	0.0595				
1771.60	0.029	196.6	0.0595				
1771.63	0.028	196.7	0.0595				
1771.67	0.027	196.7	0.0577				
1771.70	0.026	196.7	0.0559				
1771.73	0.025	196.7	0.0559				
1771.77	0.024	196.7	0.0541				
1771.82	0.022	196.6	0.0515				
1771.85	0.022	196.6	0.0506				
1771.88	0.021	196.5	0.0479				
1771.90	0.017	196.4	0.0479				
1771.93	0.016	196.4	0.0453				
1771.97	0.016	196.3	0.0426				
1772.00	0.015	196.1	0.0391				
1772.03	0.011	195.9	0.0355				
1772.07	0.01	195.8	0.0328				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1772.10	0.009	195.5	0.0284				
1772.13	0.005	195.2	0.0284				
1772.17	0.004	195.2	0.024				
1772.20	0.004	195	0.0213				
1772.23	0.002	194.7	0.0169				
1772.27	-0.001	194.5	0.0124				
1772.30	-0.002	194.3	0.0098				
1772.33	-0.004	194	0.0053				
1772.37	-0.007	193.7	0.0053				
1772.40	-0.007	193.7	0.0018				
1772.43	-0.007	193.5	-0.0009				
1772.47	-0.009	193.2	-0.0044				
1772.50	-0.012	192.9	-0.0071				
1772.53	-0.012	192.7	-0.0089				
1772.57	-0.013	192.5	-0.0115				
1772.60	-0.015	192.2	-0.0115				
1772.63	-0.016	192.2	-0.0142				
1772.67	-0.016	192	-0.0151				
1772.70	-0.016	191.8	-0.016				
1772.73	-0.017	191.7	-0.0178				
1772.77	-0.017	191.5	-0.0186				
1772.80	-0.017	191.4	-0.0186				
1772.83	-0.017	191.3	-0.0186				
1772.87	-0.017	191.3	-0.0186				
1772.90	-0.017	191.2	-0.0186				
1772.93	-0.017	191.1	-0.0186				
1772.97	-0.016	191	-0.0178				
1773.00	-0.015	191	-0.0169				
1773.03	-0.015	191	-0.016				
1773.07	-0.013	191	-0.016				
1773.10	-0.011	191.1	-0.0142				
1773.13	-0.011	191.1	-0.0124				
1773.17	-0.011	191.1	-0.0107				
1773.20	-0.008	191.3	-0.008				
1773.23	-0.007	191.3	-0.0062				
1773.28	-0.006	191.4	-0.0027				
1773.32	-0.004	191.6	-0.0009				
1773.33	-0.002	191.7	0.0018				
1773.37	-0.001	191.9	0.0053				
1773.40	0.002	192.2	0.0053				
1773.43	0.004	192.3	0.0089				
1773.47	0.004	192.3	0.0124				
1773.50	0.006	192.5	0.0169				
1773.53	0.008	192.8	0.0204				
1773.57	0.011	193.1	0.024				
1773.60	0.012	193.3	0.0284				
1773.63	0.014	193.6	0.0284				
1773.67	0.016	193.8	0.0328				
1773.70	0.016	193.8	0.0355				
1773.73	0.017	194	0.0391				
1773.77	0.019	194.3	0.0426				
1773.80	0.022	194.6	0.0453				
1773.83	0.022	194.8	0.0479				
1773.87	0.024	195	0.0506				
1773.90	0.026	195.3	0.0506				
1773.93	0.026	195.3	0.0533				
1773.97	0.026	195.5	0.0541				
1774.00	0.027	195.7	0.0559				
1774.03	0.028	195.9	0.0577				
1774.07	0.028	196.1	0.0586				
1774.10	0.029	196.2	0.0595				
1774.13	0.029	196.4	0.0595				
1774.17	0.029	196.4	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1774.20	0.029	196.5	0.0595				
1774.23	0.029	196.6	0.0595				
1774.27	0.028	196.7	0.0595				
1774.30	0.028	196.7	0.0586				
1774.33	0.027	196.7	0.0577				
1774.37	0.025	196.7	0.0577				
1774.40	0.025	196.7	0.0559				
1774.43	0.025	196.7	0.055				
1774.47	0.024	196.6	0.0524				
1774.50	0.021	196.6	0.0506				
1774.53	0.02	196.5	0.0488				
1774.57	0.019	196.4	0.0453				
1774.60	0.016	196.2	0.0453				
1774.63	0.015	196.2	0.0426				
1774.67	0.015	196.1	0.0408				
1774.70	0.013	196	0.0364				
1774.75	0.01	195.7	0.0328				
1774.78	0.01	195.6	0.0311				
1774.80	0.008	195.4	0.0275				
1774.83	0.004	195.1	0.0222				
1774.87	0.003	194.9	0.0195				
1774.90	0.002	194.7	0.0151				
1774.93	-0.002	194.3	0.0151				
1774.97	-0.003	194.1	0.0115				
1775.00	-0.003	194.1	0.008				
1775.03	-0.004	193.9	0.0044				
1775.07	-0.007	193.6	0.0009				
1775.10	-0.008	193.3	-0.0018				
1775.13	-0.01	193.1	-0.0053				
1775.17	-0.012	192.8	-0.0053				
1775.20	-0.013	192.5	-0.0089				
1775.23	-0.013	192.5	-0.0107				
1775.27	-0.014	192.3	-0.0124				
1775.30	-0.015	192.1	-0.0151				
1775.33	-0.016	191.9	-0.016				
1775.37	-0.016	191.7	-0.0169				
1775.40	-0.017	191.5	-0.0169				
1775.43	-0.017	191.4	-0.0186				
1775.47	-0.017	191.4	-0.0186				
1775.50	-0.017	191.3	-0.0186				
1775.53	-0.017	191.2	-0.0186				
1775.57	-0.017	191.1	-0.0186				
1775.60	-0.017	191	-0.0178				
1775.63	-0.016	191	-0.0178				
1775.67	-0.015	191	-0.0178				
1775.70	-0.014	191	-0.0169				
1775.73	-0.014	191	-0.0151				
1775.77	-0.013	191	-0.0133				
1775.80	-0.011	191.1	-0.0115				
1775.83	-0.01	191.1	-0.0098				
1775.87	-0.009	191.3	-0.0071				
1775.90	-0.006	191.4	-0.0071				
1775.93	-0.005	191.4	-0.0044				
1775.97	-0.005	191.5	-0.0018				
1776.00	-0.003	191.7	0.0018				
1776.03	0	191.9	0.0053				
1776.07	0.001	192	0.008				
1776.10	0.003	192.3	0.0115				
1776.13	0.006	192.5	0.0115				
1776.18	0.007	192.7	0.0186				
1776.22	0.008	192.9	0.0213				
1776.25	0.011	193.2	0.0213				
1776.27	0.013	193.2	0.0249				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1776.30	0.013	193.4	0.0293				
1776.33	0.014	193.7	0.0337				
1776.37	0.017	193.9	0.0373				
1776.40	0.018	194.1	0.0399				
1776.43	0.02	194.4	0.0435				
1776.47	0.022	194.7	0.0435				
1776.50	0.023	194.7	0.047				
1776.53	0.023	194.9	0.0497				
1776.57	0.024	195.1	0.0515				
1776.60	0.026	195.4	0.0541				
1776.63	0.027	195.6	0.0559				
1776.67	0.027	195.8	0.0568				
1776.70	0.028	196	0.0568				
1776.73	0.029	196	0.0586				
1776.77	0.029	196.1	0.0586				
1776.80	0.029	196.3	0.0595				
1776.83	0.029	196.4	0.0595				
1776.87	0.029	196.5	0.0595				
1776.90	0.029	196.6	0.0595				
1776.93	0.028	196.7	0.0595				
1776.97	0.027	196.7	0.0595				
1777.00	0.027	196.7	0.0586				
1777.03	0.027	196.7	0.0568				
1777.07	0.025	196.7	0.0559				
1777.10	0.024	196.7	0.0541				
1777.13	0.023	196.6	0.0524				
1777.17	0.021	196.5	0.0524				
1777.20	0.019	196.5	0.0497				
1777.23	0.019	196.5	0.0479				
1777.27	0.018	196.4	0.0444				
1777.30	0.015	196.1	0.0408				
1777.33	0.014	196	0.0391				
1777.37	0.012	195.9	0.0355				
1777.40	0.009	195.6	0.0355				
1777.43	0.007	195.4	0.0311				
1777.47	0.007	195.4	0.0284				
1777.50	0.006	195.2	0.024				
1777.53	0.003	194.9	0.0195				
1777.57	0.001	194.7	0.0169				
1777.60	0	194.4	0.0124				
1777.65	-0.003	194.1	0.008				
1777.68	-0.004	193.9	0.0062				
1777.70	-0.005	193.7	0.0027				
1777.73	-0.007	193.4	0.0027				
1777.77	-0.01	193.1	-0.0009				
1777.80	-0.01	193.1	-0.0036				
1777.83	-0.01	192.9	-0.0062				
1777.87	-0.012	192.6	-0.0098				
1777.90	-0.014	192.4	-0.0115				
1777.93	-0.014	192.2	-0.0133				
1777.97	-0.015	192	-0.0151				
1778.00	-0.016	191.8	-0.0151				
1778.03	-0.017	191.8	-0.016				
1778.07	-0.017	191.6	-0.0169				
1778.10	-0.017	191.5	-0.0178				
1778.13	-0.017	191.3	-0.0186				
1778.17	-0.017	191.2	-0.0186				
1778.20	-0.017	191.1	-0.0186				
1778.23	-0.017	191	-0.0186				
1778.27	-0.016	191	-0.0186				
1778.30	-0.016	191	-0.0186				
1778.33	-0.016	191	-0.0169				
1778.37	-0.014	191	-0.016				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1778.40	-0.014	190.9	-0.0151				
1778.43	-0.012	191	-0.0124				
1778.47	-0.01	191.1	-0.0124				
1778.50	-0.009	191.1	-0.0107				
1778.53	-0.009	191.2	-0.0089				
1778.57	-0.008	191.3	-0.0062				
1778.60	-0.005	191.4	-0.0036				
1778.63	-0.004	191.5	0				
1778.67	-0.002	191.7	0.0036				
1778.70	0.001	192	0.0036				
1778.73	0.002	192	0.0071				
1778.77	0.002	192.1	0.0098				
1778.80	0.003	192.3	0.0133				
1778.83	0.007	192.6	0.0186				
1778.87	0.008	192.8	0.0213				
1778.90	0.01	193	0.0257				
1778.93	0.013	193.3	0.0257				
1778.97	0.014	193.3	0.0302				
1779.00	0.014	193.6	0.0328				
1779.03	0.016	193.8	0.0373				
1779.08	0.019	194.3	0.0408				
1779.12	0.019	194.3	0.0426				
1779.15	0.02	194.5	0.0453				
1779.17	0.023	194.8	0.0488				
1779.20	0.024	195	0.0506				
1779.23	0.024	195.2	0.0524				
1779.27	0.026	195.5	0.0524				
1779.30	0.027	195.7	0.055				
1779.33	0.027	195.7	0.0568				
1779.37	0.028	195.9	0.0577				
1779.40	0.028	196	0.0586				
1779.43	0.029	196.2	0.0595				
1779.47	0.029	196.3	0.0595				
1779.50	0.029	196.4	0.0604				
1779.53	0.029	196.5	0.0604				
1779.57	0.028	196.5	0.0604				
1779.60	0.028	196.6	0.0604				
1779.63	0.028	196.7	0.0595				
1779.67	0.027	196.7	0.0586				
1779.70	0.026	196.7	0.0577				
1779.73	0.025	196.7	0.055				
1779.77	0.023	196.6	0.055				
1779.80	0.022	196.6	0.0533				
1779.83	0.022	196.6	0.0515				
1779.87	0.021	196.5	0.0497				
1779.90	0.018	196.4	0.047				
1779.93	0.017	196.3	0.0444				
1779.97	0.016	196.1	0.0408				
1780.00	0.012	195.9	0.0408				
1780.03	0.011	195.9	0.0373				
1780.07	0.011	195.8	0.0346				
1780.10	0.01	195.6	0.0311				
1780.13	0.006	195.3	0.0257				
1780.17	0.005	195.1	0.0231				
1780.20	0.003	194.8	0.0186				
1780.23	0	194.6	0.0186				
1780.27	-0.001	194.6	0.0142				
1780.30	-0.001	194.4	0.0115				
1780.33	-0.003	194	0.008				
1780.37	-0.006	193.8	0.0036				
1780.40	-0.007	193.5	0.0009				
1780.43	-0.008	193.2	-0.0027				
1780.47	-0.011	193	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1780.50	-0.012	193	-0.0062				
1780.55	-0.012	192.6	-0.0089				
1780.58	-0.013	192.4	-0.0089				
1780.60	-0.015	192.4	-0.0115				
1780.63	-0.015	192.1	-0.0133				
1780.67	-0.015	191.9	-0.0151				
1780.70	-0.016	191.7	-0.016				
1780.73	-0.017	191.6	-0.0169				
1780.77	-0.017	191.4	-0.0178				
1780.80	-0.017	191.3	-0.0178				
1780.83	-0.017	191.3	-0.0186				
1780.87	-0.017	191.2	-0.0186				
1780.90	-0.017	191.1	-0.0186				
1780.93	-0.017	191	-0.0178				
1780.97	-0.016	191	-0.0178				
1781.00	-0.015	191	-0.016				
1781.03	-0.014	191	-0.016				
1781.07	-0.013	191	-0.0151				
1781.10	-0.013	191	-0.0142				
1781.13	-0.012	191	-0.0115				
1781.17	-0.01	191.1	-0.0098				
1781.20	-0.008	191.2	-0.0071				
1781.23	-0.007	191.3	-0.0044				
1781.27	-0.005	191.5	-0.0044				
1781.30	-0.003	191.6	-0.0018				
1781.33	-0.003	191.6	0.0009				
1781.37	-0.002	191.8	0.0044				
1781.40	0.001	192	0.008				
1781.43	0.003	192.2	0.0115				
1781.47	0.004	192.4	0.016				
1781.50	0.007	192.7	0.016				
1781.53	0.01	192.9	0.0204				
1781.57	0.01	192.9	0.0231				
1781.60	0.011	193.1	0.0284				
1781.63	0.013	193.5	0.0311				
1781.67	0.016	193.7	0.0346				
1781.70	0.017	193.9	0.0382				
1781.73	0.019	194.2	0.0382				
1781.77	0.021	194.4	0.0426				
1781.80	0.021	194.4	0.0453				
1781.83	0.022	194.6	0.0479				
1781.87	0.023	194.9	0.0497				
1781.90	0.025	195.1	0.0524				
1781.93	0.026	195.4	0.0541				
1781.98	0.027	195.6	0.0568				
1782.02	0.027	195.8	0.0577				
1782.05	0.028	196	0.0577				
1782.07	0.028	196.1	0.0586				
1782.10	0.029	196.3	0.0586				
1782.13	0.029	196.3	0.0595				
1782.17	0.029	196.4	0.0604				
1782.20	0.029	196.5	0.0604				
1782.23	0.029	196.6	0.0604				
1782.27	0.028	196.7	0.0604				
1782.30	0.028	196.7	0.0595				
1782.33	0.027	196.7	0.0595				
1782.37	0.025	196.7	0.0577				
1782.40	0.025	196.7	0.0568				
1782.43	0.025	196.7	0.055				
1782.47	0.022	196.6	0.0524				
1782.50	0.022	196.6	0.0515				
1782.53	0.02	196.5	0.0479				
1782.57	0.017	196.3	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1782.60	0.016	196.3	0.0453				
1782.63	0.016	196.3	0.0426				
1782.67	0.015	196.1	0.0399				
1782.70	0.011	195.9	0.0355				
1782.73	0.01	195.7	0.0337				
1782.77	0.009	195.5	0.0293				
1782.80	0.005	195.2	0.0293				
1782.83	0.004	195.2	0.0249				
1782.87	0.004	195	0.0222				
1782.90	0.003	194.8	0.0178				
1782.93	-0.001	194.5	0.0133				
1782.97	-0.002	194.2	0.0107				
1783.00	-0.004	194	0.0062				
1783.03	-0.007	193.7	0.0062				
1783.07	-0.008	193.4	0.0018				
1783.10	-0.008	193.4	0				
1783.13	-0.009	193.2	-0.0036				
1783.17	-0.011	192.9	-0.0071				
1783.20	-0.012	192.7	-0.0089				
1783.23	-0.013	192.4	-0.0115				
1783.27	-0.014	192.2	-0.0115				
1783.30	-0.016	192	-0.0133				
1783.33	-0.016	192	-0.0151				
1783.37	-0.016	191.8	-0.016				
1783.40	-0.016	191.6	-0.0169				
1783.45	-0.017	191.5	-0.0178				
1783.48	-0.017	191.3	-0.0186				
1783.50	-0.017	191.2	-0.0186				
1783.53	-0.017	191.2	-0.0186				
1783.57	-0.017	191	-0.0186				
1783.60	-0.016	191	-0.0186				
1783.63	-0.016	190.9	-0.0178				
1783.67	-0.016	190.9	-0.0169				
1783.70	-0.015	190.9	-0.016				
1783.73	-0.014	191	-0.0142				
1783.77	-0.012	191	-0.0133				
1783.80	-0.011	191	-0.0107				
1783.83	-0.01	191.2	-0.0089				
1783.87	-0.007	191.2	-0.0089				
1783.90	-0.007	191.2	-0.0062				
1783.93	-0.006	191.3	-0.0036				
1783.97	-0.005	191.5	-0.0009				
1784.00	-0.002	191.7	0.0027				
1784.03	-0.001	191.8	0.0053				
1784.07	0.001	192.1	0.0089				
1784.10	0.005	192.3	0.0089				
1784.13	0.005	192.3	0.0133				
1784.17	0.005	192.5	0.016				
1784.20	0.007	192.8	0.0204				
1784.23	0.011	193	0.0249				
1784.27	0.012	193.2	0.0284				
1784.30	0.013	193.5	0.032				
1784.33	0.017	193.8	0.032				
1784.37	0.018	193.8	0.0364				
1784.40	0.018	194	0.0391				
1784.43	0.019	194.2	0.0426				
1784.47	0.022	194.5	0.0462				
1784.50	0.022	194.7	0.0479				
1784.53	0.024	195	0.0506				
1784.57	0.026	195.2	0.0506				
1784.60	0.026	195.2	0.0533				
1784.63	0.026	195.4	0.055				
1784.67	0.027	195.7	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1784.70	0.028	195.9	0.0586				
1784.73	0.028	196	0.0586				
1784.77	0.028	196.2	0.0595				
1784.80	0.029	196.3	0.0595				
1784.83	0.029	196.3	0.0604				
1784.87	0.029	196.4	0.0604				
1784.92	0.028	196.6	0.0604				
1784.95	0.028	196.6	0.0604				
1784.97	0.028	196.7	0.0604				
1785.00	0.027	196.7	0.0586				
1785.03	0.026	196.7	0.0577				
1785.07	0.025	196.7	0.0559				
1785.10	0.024	196.7	0.0541				
1785.13	0.022	196.6	0.0541				
1785.17	0.021	196.6	0.0524				
1785.20	0.021	196.5	0.0506				
1785.23	0.02	196.4	0.0479				
1785.27	0.016	196.3	0.0444				
1785.30	0.015	196.2	0.0426				
1785.33	0.014	196	0.0391				
1785.37	0.011	195.8	0.0391				
1785.40	0.009	195.6	0.0346				
1785.43	0.009	195.6	0.032				
1785.47	0.008	195.4	0.0275				
1785.50	0.005	195.1	0.0231				
1785.53	0.003	194.9	0.0204				
1785.57	0.001	194.7	0.016				
1785.60	-0.001	194.3	0.016				
1785.63	-0.004	194.1	0.0115				
1785.67	-0.004	194.1	0.0089				
1785.70	-0.004	193.9	0.0053				
1785.73	-0.007	193.5	0.0018				
1785.77	-0.009	193.3	-0.0018				
1785.80	-0.01	193.1	-0.0044				
1785.83	-0.011	192.7	-0.0044				
1785.87	-0.013	192.5	-0.008				
1785.90	-0.013	192.5	-0.0098				
1785.93	-0.014	192.3	-0.0124				
1785.97	-0.015	192.1	-0.0142				
1786.00	-0.016	191.9	-0.0151				
1786.03	-0.016	191.7	-0.0169				
1786.07	-0.017	191.5	-0.0178				
1786.10	-0.017	191.4	-0.0178				
1786.13	-0.017	191.4	-0.0178				
1786.17	-0.017	191.3	-0.0186				
1786.20	-0.017	191.2	-0.0186				
1786.23	-0.017	191.1	-0.0186				
1786.27	-0.016	191	-0.0178				
1786.30	-0.016	191	-0.0178				
1786.35	-0.015	191	-0.016				
1786.38	-0.015	190.9	-0.016				
1786.42	-0.014	190.9	-0.0142				
1786.43	-0.012	191	-0.0142				
1786.47	-0.011	191	-0.0124				
1786.50	-0.011	191	-0.0107				
1786.53	-0.01	191.2	-0.008				
1786.57	-0.007	191.3	-0.0053				
1786.60	-0.006	191.4	-0.0027				
1786.63	-0.004	191.6	0.0009				
1786.67	0	191.8	0.0009				
1786.70	0	191.8	0.0044				
1786.73	0	191.9	0.0071				
1786.77	0.002	192.1	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1786.80	0.005	192.4	0.0142				
1786.83	0.006	192.5	0.0178				
1786.87	0.008	192.8	0.0222				
1786.90	0.012	193.1	0.0222				
1786.93	0.013	193.1	0.0275				
1786.97	0.013	193.3	0.0302				
1787.00	0.014	193.6	0.0337				
1787.03	0.017	193.8	0.0382				
1787.07	0.018	194.1	0.0408				
1787.10	0.02	194.3	0.0435				
1787.13	0.022	194.6	0.0435				
1787.17	0.023	194.6	0.047				
1787.20	0.023	194.8	0.0497				
1787.23	0.024	195	0.0524				
1787.27	0.026	195.3	0.0541				
1787.30	0.027	195.5	0.0559				
1787.33	0.027	195.7	0.0577				
1787.37	0.028	195.9	0.0577				
1787.40	0.029	195.9	0.0586				
1787.43	0.029	196.1	0.0595				
1787.47	0.029	196.2	0.0595				
1787.50	0.029	196.3	0.0595				
1787.53	0.029	196.4	0.0604				
1787.57	0.029	196.5	0.0604				
1787.60	0.028	196.6	0.0604				
1787.63	0.027	196.6	0.0595				
1787.67	0.027	196.6	0.0586				
1787.70	0.026	196.7	0.0568				
1787.73	0.025	196.6	0.0559				
1787.77	0.024	196.6	0.0541				
1787.82	0.023	196.6	0.0524				
1787.85	0.022	196.5	0.0515				
1787.87	0.02	196.4	0.0488				
1787.90	0.019	196.4	0.047				
1787.93	0.017	196.2	0.0435				
1787.97	0.014	196	0.0435				
1788.00	0.013	196	0.0399				
1788.03	0.013	195.9	0.0382				
1788.07	0.011	195.7	0.0346				
1788.10	0.008	195.4	0.0302				
1788.13	0.007	195.3	0.0275				
1788.17	0.005	195	0.0222				
1788.20	0.001	194.7	0.0222				
1788.23	0.001	194.7	0.0178				
1788.27	0.001	194.5	0.0151				
1788.30	-0.001	194.2	0.0107				
1788.33	-0.005	193.9	0.0071				
1788.37	-0.005	193.7	0.0036				
1788.40	-0.007	193.4	0				
1788.43	-0.01	193.1	0				
1788.47	-0.011	193.1	-0.0036				
1788.50	-0.011	192.9	-0.0062				
1788.53	-0.011	192.7	-0.008				
1788.57	-0.014	192.4	-0.0107				
1788.60	-0.014	192.2	-0.0124				
1788.63	-0.015	192	-0.0142				
1788.67	-0.016	191.8	-0.0142				
1788.70	-0.017	191.8	-0.016				
1788.73	-0.017	191.6	-0.0169				
1788.77	-0.017	191.5	-0.0178				
1788.80	-0.017	191.3	-0.0186				
1788.83	-0.017	191.2	-0.0186				
1788.87	-0.017	191.1	-0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1788.90	-0.017	191	-0.0186				
1788.93	-0.016	191	-0.0186				
1788.97	-0.016	191	-0.0178				
1789.00	-0.016	190.9	-0.0169				
1789.03	-0.015	190.9	-0.016				
1789.07	-0.013	190.9	-0.0142				
1789.10	-0.012	191	-0.0124				
1789.13	-0.011	191	-0.0124				
1789.17	-0.009	191.2	-0.0107				
1789.20	-0.009	191.2	-0.008				
1789.25	-0.006	191.3	-0.0053				
1789.28	-0.005	191.4	-0.0044				
1789.32	-0.005	191.4	-0.0018				
1789.33	-0.004	191.6	0.0018				
1789.37	-0.001	191.8	0.0053				
1789.40	0.002	192	0.0089				
1789.43	0.003	192.2	0.0124				
1789.47	0.005	192.4	0.016				
1789.50	0.008	192.7	0.016				
1789.53	0.008	192.7	0.0195				
1789.57	0.009	192.9	0.024				
1789.60	0.012	193.2	0.0284				
1789.63	0.014	193.4	0.032				
1789.67	0.015	193.6	0.0355				
1789.70	0.017	193.9	0.0391				
1789.73	0.019	194.2	0.0391				
1789.77	0.019	194.2	0.0417				
1789.80	0.021	194.4	0.0453				
1789.83	0.022	194.7	0.0488				
1789.87	0.024	194.9	0.0506				
1789.90	0.025	195.1	0.0533				
1789.93	0.026	195.4	0.0559				
1789.97	0.027	195.6	0.0559				
1790.00	0.027	195.6	0.0568				
1790.03	0.027	195.8	0.0577				
1790.07	0.028	196	0.0586				
1790.10	0.028	196.1	0.0595				
1790.13	0.029	196.2	0.0604				
1790.17	0.029	196.4	0.0604				
1790.20	0.029	196.5	0.0604				
1790.23	0.029	196.5	0.0604				
1790.27	0.029	196.6	0.0604				
1790.30	0.028	196.6	0.0595				
1790.33	0.027	196.6	0.0586				
1790.37	0.026	196.6	0.0577				
1790.40	0.025	196.7	0.0559				
1790.43	0.023	196.6	0.0559				
1790.47	0.022	196.6	0.0541				
1790.50	0.022	196.6	0.0524				
1790.53	0.021	196.5	0.0497				
1790.57	0.018	196.3	0.047				
1790.60	0.017	196.2	0.0444				
1790.63	0.016	196.1	0.0417				
1790.67	0.012	195.9	0.0417				
1790.72	0.011	195.7	0.0355				
1790.75	0.011	195.7	0.0328				
1790.77	0.007	195.4	0.0328				
1790.80	0.006	195.1	0.0293				
1790.83	0.006	195.1	0.0249				
1790.87	0.004	194.9	0.0213				
1790.90	0.001	194.6	0.0169				
1790.93	-0.001	194.4	0.0133				
1790.97	-0.002	194.2	0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1791.00	-0.005	193.8	0.0098				
1791.03	-0.006	193.6	0.0053				
1791.07	-0.006	193.6	0.0036				
1791.10	-0.007	193.4	-0.0009				
1791.13	-0.01	193	-0.0044				
1791.17	-0.011	192.8	-0.0071				
1791.20	-0.012	192.6	-0.0098				
1791.23	-0.014	192.3	-0.0098				
1791.27	-0.015	192.1	-0.0124				
1791.30	-0.015	192.1	-0.0133				
1791.33	-0.015	191.9	-0.0151				
1791.37	-0.016	191.7	-0.0169				
1791.40	-0.017	191.5	-0.0178				
1791.43	-0.017	191.4	-0.0186				
1791.47	-0.017	191.2	-0.0186				
1791.50	-0.017	191.2	-0.0186				
1791.53	-0.017	191.2	-0.0186				
1791.57	-0.017	191	-0.0186				
1791.60	-0.017	191	-0.0186				
1791.63	-0.016	190.9	-0.0178				
1791.67	-0.016	190.9	-0.0169				
1791.70	-0.015	190.9	-0.0151				
1791.73	-0.013	190.9	-0.0151				
1791.77	-0.013	190.9	-0.0133				
1791.80	-0.012	191	-0.0115				
1791.83	-0.01	191.1	-0.0098				
1791.87	-0.008	191.2	-0.0071				
1791.90	-0.007	191.2	-0.0053				
1791.93	-0.006	191.4	-0.0018				
1791.97	-0.002	191.6	-0.0018				
1792.00	-0.002	191.6	0.0009				
1792.03	-0.002	191.7	0.0044				
1792.07	0	192	0.008				
1792.10	0.004	192.2	0.0124				
1792.13	0.005	192.3	0.0151				
1792.18	0.006	192.6	0.0186				
1792.22	0.009	192.8	0.0213				
1792.23	0.01	193	0.0249				
1792.27	0.012	193.3	0.0293				
1792.30	0.015	193.5	0.0293				
1792.33	0.016	193.5	0.0337				
1792.37	0.016	193.8	0.0364				
1792.40	0.017	194	0.0399				
1792.43	0.02	194.3	0.0435				
1792.47	0.021	194.5	0.0462				
1792.50	0.022	194.7	0.0488				
1792.53	0.024	195	0.0488				
1792.57	0.025	195	0.0515				
1792.60	0.025	195.2	0.0533				
1792.63	0.026	195.4	0.0559				
1792.67	0.027	195.7	0.0568				
1792.70	0.028	195.8	0.0577				
1792.73	0.028	196	0.0595				
1792.77	0.029	196.2	0.0595				
1792.80	0.029	196.3	0.0604				
1792.83	0.029	196.3	0.0604				
1792.87	0.029	196.4	0.0604				
1792.90	0.029	196.5	0.0604				
1792.93	0.028	196.6	0.0604				
1792.97	0.028	196.6	0.0595				
1793.00	0.027	196.6	0.0595				
1793.03	0.025	196.6	0.0577				
1793.07	0.025	196.6	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1793.10	0.025	196.6	0.055				
1793.13	0.023	196.5	0.0533				
1793.17	0.021	196.5	0.0515				
1793.20	0.02	196.4	0.0479				
1793.23	0.018	196.2	0.0453				
1793.27	0.016	196.1	0.0453				
1793.30	0.014	196.1	0.0426				
1793.33	0.014	196	0.0399				
1793.37	0.013	195.8	0.0373				
1793.40	0.01	195.6	0.0337				
1793.43	0.009	195.4	0.0302				
1793.47	0.007	195.1	0.0249				
1793.50	0.003	194.9	0.0249				
1793.53	0.002	194.9	0.0213				
1793.57	0.002	194.7	0.0186				
1793.62	-0.002	194.2	0.0142				
1793.65	-0.002	194.2	0.0115				
1793.68	-0.002	194	0.008				
1793.70	-0.005	193.7	0.0044				
1793.73	-0.007	193.4	0.0009				
1793.77	-0.008	193.2	-0.0018				
1793.80	-0.01	192.9	-0.0044				
1793.83	-0.012	192.6	-0.0044				
1793.87	-0.013	192.6	-0.008				
1793.90	-0.013	192.5	-0.0098				
1793.93	-0.014	192.2	-0.0124				
1793.97	-0.016	192	-0.0142				
1794.00	-0.015	191.8	-0.0151				
1794.03	-0.016	191.6	-0.0169				
1794.07	-0.017	191.4	-0.0169				
1794.10	-0.017	191.4	-0.0178				
1794.13	-0.017	191.3	-0.0186				
1794.17	-0.017	191.2	-0.0186				
1794.20	-0.017	191.1	-0.0186				
1794.23	-0.017	191	-0.0186				
1794.27	-0.016	190.9	-0.0178				
1794.30	-0.016	190.9	-0.0178				
1794.33	-0.015	190.9	-0.0169				
1794.37	-0.015	190.9	-0.016				
1794.40	-0.014	190.9	-0.0151				
1794.43	-0.012	191	-0.0133				
1794.47	-0.011	191	-0.0115				
1794.50	-0.01	191	-0.0089				
1794.53	-0.008	191.2	-0.0089				
1794.57	-0.006	191.3	-0.0062				
1794.60	-0.006	191.3	-0.0044				
1794.63	-0.005	191.4	-0.0009				
1794.67	-0.002	191.6	0.0027				
1794.70	0	191.8	0.0053				
1794.73	0.001	191.9	0.0089				
1794.77	0.004	192.2	0.0089				
1794.80	0.006	192.4	0.0133				
1794.83	0.006	192.4	0.016				
1794.87	0.007	192.6	0.0204				
1794.90	0.01	192.9	0.0249				
1794.93	0.012	193.2	0.0284				
1794.97	0.013	193.4	0.032				
1795.00	0.015	193.7	0.0355				
1795.03	0.018	193.9	0.0355				
1795.08	0.019	194.1	0.0417				
1795.12	0.02	194.4	0.0435				
1795.13	0.022	194.6	0.0435				
1795.17	0.023	194.6	0.047				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1795.20	0.023	194.8	0.0497				
1795.23	0.024	195	0.0524				
1795.27	0.026	195.3	0.0541				
1795.30	0.027	195.5	0.0559				
1795.33	0.027	195.7	0.0568				
1795.37	0.028	195.9	0.0568				
1795.40	0.028	195.9	0.0586				
1795.43	0.028	196	0.0595				
1795.47	0.029	196.2	0.0595				
1795.50	0.029	196.3	0.0604				
1795.53	0.029	196.4	0.0604				
1795.57	0.028	196.5	0.0604				
1795.60	0.028	196.6	0.0604				
1795.63	0.027	196.6	0.0604				
1795.67	0.027	196.6	0.0586				
1795.70	0.026	196.6	0.0577				
1795.73	0.025	196.6	0.0559				
1795.77	0.024	196.6	0.0541				
1795.80	0.023	196.5	0.0524				
1795.83	0.02	196.4	0.0524				
1795.87	0.02	196.4	0.0497				
1795.90	0.02	196.4	0.0479				
1795.93	0.018	196.2	0.0453				
1795.97	0.015	196.1	0.0417				
1796.00	0.014	195.9	0.0391				
1796.03	0.012	195.8	0.0346				
1796.07	0.009	195.5	0.0346				
1796.10	0.007	195.3	0.0311				
1796.13	0.007	195.3	0.0284				
1796.17	0.006	195.1	0.024				
1796.20	0.003	194.8	0.0204				
1796.23	0.001	194.6	0.0169				
1796.27	0	194.4	0.0124				
1796.30	-0.003	194	0.0124				
1796.33	-0.005	193.8	0.0089				
1796.37	-0.005	193.8	0.0053				
1796.40	-0.006	193.6	0.0018				
1796.43	-0.008	193.2	-0.0018				
1796.47	-0.01	193	-0.0044				
1796.52	-0.011	192.8	-0.008				
1796.55	-0.012	192.5	-0.0089				
1796.58	-0.014	192.3	-0.0107				
1796.60	-0.014	192.1	-0.0124				
1796.63	-0.015	191.8	-0.0151				
1796.67	-0.016	191.7	-0.0151				
1796.70	-0.016	191.7	-0.016				
1796.73	-0.016	191.5	-0.0169				
1796.77	-0.017	191.4	-0.0178				
1796.80	-0.017	191.2	-0.0186				
1796.83	-0.017	191.1	-0.0186				
1796.87	-0.017	191	-0.0186				
1796.90	-0.017	190.9	-0.0186				
1796.93	-0.016	190.9	-0.0178				
1796.97	-0.016	190.9	-0.0178				
1797.00	-0.016	190.8	-0.0169				
1797.03	-0.014	190.9	-0.016				
1797.07	-0.013	190.9	-0.0142				
1797.10	-0.013	190.9	-0.0124				
1797.13	-0.01	191	-0.0124				
1797.17	-0.01	191	-0.0107				
1797.20	-0.01	191	-0.008				
1797.23	-0.008	191.2	-0.0053				
1797.27	-0.005	191.4	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1797.30	-0.004	191.5	0				
1797.33	-0.002	191.7	0.0036				
1797.37	0.001	191.9	0.0036				
1797.40	0.002	191.9	0.0071				
1797.43	0.002	192	0.0098				
1797.47	0.004	192.3	0.0142				
1797.50	0.007	192.5	0.0178				
1797.53	0.008	192.7	0.0213				
1797.57	0.01	193	0.0257				
1797.60	0.013	193.2	0.0257				
1797.63	0.014	193.2	0.0302				
1797.67	0.014	193.5	0.0337				
1797.70	0.016	193.7	0.0373				
1797.73	0.019	194	0.0417				
1797.77	0.02	194.2	0.0435				
1797.80	0.021	194.5	0.0462				
1797.83	0.023	194.7	0.0462				
1797.87	0.024	194.7	0.0488				
1797.90	0.024	194.9	0.0515				
1797.93	0.025	195.2	0.0541				
1797.98	0.027	195.4	0.0559				
1798.02	0.027	195.6	0.0568				
1798.03	0.027	195.8	0.0577				
1798.07	0.028	196	0.0595				
1798.10	0.029	196.1	0.0595				
1798.13	0.029	196.2	0.0604				
1798.17	0.029	196.4	0.0604				
1798.20	0.029	196.4	0.0604				
1798.23	0.029	196.4	0.0604				
1798.27	0.029	196.5	0.0604				
1798.30	0.028	196.6	0.0595				
1798.33	0.027	196.6	0.0586				
1798.37	0.026	196.6	0.0568				
1798.40	0.025	196.6	0.0568				
1798.43	0.023	196.6	0.055				
1798.47	0.023	196.6	0.0541				
1798.50	0.022	196.5	0.0515				
1798.53	0.02	196.4	0.0488				
1798.57	0.018	196.3	0.047				
1798.60	0.017	196.2	0.0444				
1798.63	0.015	196	0.0408				
1798.67	0.012	195.8	0.0408				
1798.70	0.012	195.8	0.0373				
1798.73	0.011	195.7	0.0346				
1798.77	0.009	195.4	0.0302				
1798.80	0.006	195.2	0.0275				
1798.83	0.005	195	0.0231				
1798.87	0.003	194.7	0.0186				
1798.90	0	194.4	0.0186				
1798.93	0	194.4	0.0151				
1798.97	-0.001	194.2	0.0115				
1799.00	-0.003	193.9	0.0071				
1799.03	-0.006	193.6	0.0036				
1799.07	-0.007	193.4	0.0009				
1799.10	-0.009	193.1	-0.0027				
1799.13	-0.011	192.8	-0.0027				
1799.17	-0.012	192.8	-0.0062				
1799.20	-0.012	192.6	-0.008				
1799.23	-0.013	192.4	-0.0107				
1799.27	-0.015	192.1	-0.0124				
1799.30	-0.015	192	-0.0142				
1799.33	-0.016	191.8	-0.0151				
1799.37	-0.017	191.6	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1799.42	-0.017	191.4	-0.0178				
1799.45	-0.017	191.3	-0.0178				
1799.48	-0.017	191.2	-0.0178				
1799.50	-0.017	191.2	-0.0186				
1799.53	-0.017	191	-0.0186				
1799.57	-0.017	190.9	-0.0186				
1799.60	-0.016	190.9	-0.0178				
1799.63	-0.016	190.8	-0.0178				
1799.67	-0.015	190.8	-0.016				
1799.70	-0.014	190.9	-0.016				
1799.73	-0.013	190.9	-0.0151				
1799.77	-0.013	190.8	-0.0133				
1799.80	-0.012	190.9	-0.0115				
1799.83	-0.009	191	-0.0098				
1799.87	-0.009	191.1	-0.008				
1799.90	-0.007	191.2	-0.0044				
1799.93	-0.004	191.4	-0.0044				
1799.97	-0.003	191.4	-0.0018				
1800.00	-0.003	191.5	0.0009				
1800.03	-0.002	191.7	0.0053				
1800.07	0.002	191.9	0.0089				
1800.10	0.003	192.1	0.0107				
1800.13	0.004	192.3	0.016				
1800.17	0.008	192.6	0.016				
1800.20	0.01	192.8	0.0195				
1800.23	0.01	192.8	0.0231				
1800.27	0.011	193	0.0275				
1800.30	0.014	193.3	0.032				
1800.33	0.015	193.5	0.0346				
1800.37	0.017	193.8	0.0382				
1800.40	0.019	194.1	0.0382				
1800.43	0.021	194.3	0.0426				
1800.47	0.021	194.3	0.0453				
1800.50	0.022	194.5	0.0479				
1800.53	0.023	194.8	0.0506				
1800.57	0.025	195	0.0524				
1800.60	0.026	195.2	0.0541				
1800.63	0.027	195.5	0.0541				
1800.67	0.028	195.7	0.0568				
1800.70	0.028	195.7	0.0577				
1800.73	0.028	195.9	0.0586				
1800.77	0.028	196	0.0595				
1800.80	0.029	196.1	0.0604				
1800.83	0.029	196.3	0.0604				
1800.88	0.029	196.4	0.0604				
1800.92	0.029	196.5	0.0604				
1800.93	0.028	196.6	0.0604				
1800.97	0.028	196.6	0.0586				
1801.00	0.026	196.6	0.0586				
1801.03	0.025	196.6	0.0577				
1801.07	0.025	196.6	0.0568				
1801.10	0.025	196.6	0.055				
1801.13	0.023	196.5	0.0533				
1801.17	0.021	196.5	0.0515				
1801.20	0.02	196.4	0.0488				
1801.23	0.017	196.2	0.0488				
1801.27	0.016	196.2	0.0453				
1801.30	0.016	196.1	0.0435				
1801.33	0.015	196	0.0399				
1801.37	0.011	195.7	0.0364				
1801.40	0.01	195.6	0.0337				
1801.43	0.009	195.4	0.0293				
1801.47	0.005	195.1	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1801.50	0.004	195.1	0.0249				
1801.53	0.004	194.9	0.0222				
1801.57	0.003	194.6	0.0178				
1801.60	-0.001	194.3	0.0133				
1801.63	-0.002	194.1	0.0107				
1801.67	-0.003	193.9	0.0071				
1801.70	-0.007	193.5	0.0071				
1801.73	-0.008	193.3	0.0027				
1801.77	-0.008	193.3	0				
1801.80	-0.009	193.1	-0.0036				
1801.83	-0.011	192.8	-0.0071				
1801.87	-0.012	192.5	-0.0089				
1801.90	-0.013	192.3	-0.0115				
1801.93	-0.015	192	-0.0115				
1801.97	-0.016	191.8	-0.0133				
1802.00	-0.016	191.8	-0.0151				
1802.03	-0.016	191.7	-0.0169				
1802.07	-0.017	191.5	-0.0169				
1802.10	-0.017	191.3	-0.0178				
1802.13	-0.017	191.2	-0.0186				
1802.17	-0.017	191.1	-0.0186				
1802.20	-0.017	191	-0.0186				
1802.23	-0.017	191	-0.0186				
1802.27	-0.017	190.9	-0.0186				
1802.30	-0.016	190.9	-0.0178				
1802.35	-0.015	190.9	-0.016				
1802.38	-0.015	190.8	-0.016				
1802.40	-0.014	190.9	-0.0142				
1802.43	-0.012	190.9	-0.0124				
1802.47	-0.012	190.9	-0.0115				
1802.50	-0.01	191.1	-0.0089				
1802.53	-0.007	191.2	-0.0089				
1802.57	-0.007	191.2	-0.0062				
1802.60	-0.007	191.2	-0.0044				
1802.63	-0.005	191.4	-0.0009				
1802.67	-0.001	191.6	0.0027				
1802.70	-0.001	191.7	0.0053				
1802.73	0.001	192	0.0089				
1802.77	0.004	192.2	0.0089				
1802.80	0.005	192.2	0.0133				
1802.83	0.005	192.4	0.016				
1802.87	0.007	192.6	0.0204				
1802.90	0.011	192.9	0.0249				
1802.93	0.012	193.1	0.0284				
1802.97	0.013	193.4	0.0328				
1803.00	0.017	193.7	0.0328				
1803.03	0.017	193.7	0.0364				
1803.07	0.017	193.9	0.0391				
1803.10	0.019	194.2	0.0435				
1803.13	0.022	194.4	0.0462				
1803.17	0.022	194.6	0.0488				
1803.20	0.023	194.9	0.0515				
1803.23	0.026	195.1	0.0515				
1803.27	0.026	195.1	0.0533				
1803.30	0.026	195.3	0.055				
1803.33	0.027	195.5	0.0568				
1803.37	0.028	195.7	0.0586				
1803.40	0.028	195.9	0.0586				
1803.43	0.028	196	0.0595				
1803.47	0.029	196.2	0.0595				
1803.50	0.029	196.2	0.0604				
1803.53	0.029	196.3	0.0604				
1803.57	0.029	196.4	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1803.60	0.029	196.5	0.0604				
1803.63	0.027	196.5	0.0595				
1803.67	0.027	196.6	0.0577				
1803.70	0.026	196.5	0.0577				
1803.73	0.024	196.5	0.0568				
1803.78	0.023	196.5	0.0541				
1803.82	0.023	196.5	0.0541				
1803.85	0.021	196.4	0.0533				
1803.87	0.021	196.4	0.0506				
1803.90	0.02	196.3	0.047				
1803.93	0.017	196.2	0.0444				
1803.97	0.015	196	0.0417				
1804.00	0.014	195.9	0.0382				
1804.03	0.011	195.7	0.0382				
1804.07	0.009	195.5	0.0355				
1804.10	0.009	195.5	0.032				
1804.13	0.008	195.2	0.0284				
1804.17	0.005	195	0.024				
1804.20	0.003	194.8	0.0204				
1804.23	0.001	194.6	0.016				
1804.27	-0.001	194.2	0.016				
1804.30	-0.003	194	0.0124				
1804.33	-0.003	194	0.0089				
1804.37	-0.004	193.8	0.0053				
1804.40	-0.007	193.4	0.0018				
1804.43	-0.009	193.2	-0.0018				
1804.47	-0.01	192.9	-0.0044				
1804.50	-0.012	192.6	-0.0044				
1804.53	-0.013	192.4	-0.0071				
1804.57	-0.013	192.4	-0.0098				
1804.60	-0.014	192.2	-0.0115				
1804.63	-0.015	192	-0.0142				
1804.67	-0.016	191.8	-0.0151				
1804.70	-0.016	191.6	-0.016				
1804.73	-0.017	191.4	-0.0169				
1804.77	-0.017	191.3	-0.0169				
1804.80	-0.017	191.3	-0.0178				
1804.83	-0.017	191.2	-0.0186				
1804.87	-0.017	191	-0.0186				
1804.90	-0.017	191	-0.0186				
1804.93	-0.017	190.9	-0.0178				
1804.97	-0.016	190.9	-0.0169				
1805.00	-0.015	190.9	-0.0169				
1805.03	-0.014	190.9	-0.016				
1805.07	-0.014	190.8	-0.0151				
1805.10	-0.013	190.9	-0.0133				
1805.13	-0.011	190.9	-0.0107				
1805.17	-0.01	191	-0.0089				
1805.20	-0.009	191.2	-0.0062				
1805.25	-0.006	191.3	-0.0036				
1805.28	-0.006	191.3	-0.0018				
1805.30	-0.004	191.5	0.0009				
1805.33	-0.001	191.7	0.0009				
1805.37	0	191.7	0.0044				
1805.40	0	191.8	0.0071				
1805.43	0.002	192.1	0.0107				
1805.47	0.006	192.3	0.0151				
1805.50	0.006	192.5	0.0186				
1805.53	0.008	192.8	0.0222				
1805.57	0.012	193	0.0222				
1805.60	0.012	193	0.0275				
1805.63	0.012	193.2	0.0302				
1805.67	0.014	193.5	0.0346				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1805.70	0.018	193.7	0.0382				
1805.73	0.018	194	0.0408				
1805.77	0.02	194.2	0.0444				
1805.80	0.022	194.5	0.0444				
1805.83	0.023	194.5	0.047				
1805.87	0.023	194.7	0.0488				
1805.90	0.024	194.9	0.0524				
1805.93	0.026	195.2	0.0541				
1805.97	0.027	195.4	0.0559				
1806.00	0.027	195.6	0.0577				
1806.03	0.028	195.8	0.0577				
1806.07	0.028	195.8	0.0586				
1806.10	0.028	195.9	0.0595				
1806.13	0.029	196.1	0.0604				
1806.17	0.029	196.2	0.0604				
1806.20	0.029	196.3	0.0604				
1806.23	0.028	196.4	0.0604				
1806.27	0.028	196.5	0.0604				
1806.30	0.028	196.5	0.0604				
1806.33	0.028	196.5	0.0595				
1806.37	0.026	196.6	0.0577				
1806.40	0.025	196.5	0.0559				
1806.43	0.024	196.5	0.055				
1806.47	0.023	196.5	0.0524				
1806.50	0.021	196.4	0.0524				
1806.53	0.019	196.3	0.0506				
1806.57	0.019	196.3	0.0479				
1806.60	0.018	196.2	0.0453				
1806.63	0.016	196	0.0417				
1806.68	0.013	195.9	0.0391				
1806.72	0.013	195.8	0.0373				
1806.75	0.011	195.5	0.0337				
1806.77	0.008	195.3	0.0311				
1806.80	0.007	195.1	0.0275				
1806.83	0.005	194.8	0.0222				
1806.87	0.002	194.6	0.0222				
1806.90	0.002	194.6	0.0186				
1806.93	0.001	194.4	0.0142				
1806.97	-0.002	194.1	0.0107				
1807.00	-0.004	193.8	0.0071				
1807.03	-0.005	193.6	0.0036				
1807.07	-0.007	193.3	0				
1807.10	-0.01	193	0				
1807.13	-0.01	193	-0.0036				
1807.17	-0.01	192.8	-0.0053				
1807.20	-0.012	192.5	-0.008				
1807.23	-0.014	192.3	-0.0107				
1807.27	-0.014	192.1	-0.0124				
1807.30	-0.015	191.8	-0.0142				
1807.33	-0.016	191.7	-0.0142				
1807.37	-0.017	191.7	-0.016				
1807.40	-0.017	191.5	-0.0169				
1807.43	-0.017	191.3	-0.0178				
1807.47	-0.017	191.2	-0.0178				
1807.50	-0.017	191.1	-0.0186				
1807.53	-0.017	191	-0.0186				
1807.57	-0.017	190.9	-0.0186				
1807.60	-0.016	190.9	-0.0178				
1807.63	-0.016	190.8	-0.0178				
1807.67	-0.016	190.8	-0.0169				
1807.70	-0.015	190.8	-0.0151				
1807.73	-0.013	190.8	-0.0142				
1807.77	-0.013	190.8	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1807.80	-0.01	190.9	-0.0124				
1807.83	-0.009	191	-0.0098				
1807.87	-0.009	191	-0.0089				
1807.90	-0.008	191.1	-0.0062				
1807.93	-0.006	191.3	-0.0027				
1807.97	-0.004	191.4	0				
1808.00	-0.002	191.5	0.0044				
1808.03	0	191.8	0.0044				
1808.07	0.002	192	0.0071				
1808.10	0.002	192	0.0107				
1808.15	0.006	192.4	0.016				
1808.18	0.007	192.6	0.016				
1808.20	0.007	192.6	0.0195				
1808.23	0.009	192.8	0.024				
1808.27	0.012	193.1	0.0284				
1808.30	0.014	193.3	0.032				
1808.33	0.015	193.5	0.0355				
1808.37	0.017	193.8	0.0391				
1808.40	0.02	194.1	0.0391				
1808.43	0.021	194.1	0.0426				
1808.47	0.021	194.3	0.0453				
1808.50	0.022	194.5	0.0479				
1808.53	0.024	194.8	0.0506				
1808.57	0.025	195	0.0524				
1808.60	0.026	195.2	0.055				
1808.63	0.027	195.5	0.055				
1808.67	0.027	195.5	0.0568				
1808.70	0.027	195.7	0.0577				
1808.73	0.028	195.9	0.0595				
1808.77	0.029	196	0.0595				
1808.80	0.029	196.1	0.0604				
1808.83	0.029	196.3	0.0604				
1808.87	0.029	196.4	0.0604				
1808.90	0.029	196.4	0.0604				
1808.93	0.029	196.4	0.0604				
1808.97	0.028	196.5	0.0595				
1809.00	0.027	196.5	0.0586				
1809.03	0.026	196.5	0.0577				
1809.07	0.025	196.6	0.0559				
1809.10	0.024	196.5	0.0559				
1809.13	0.022	196.4	0.0541				
1809.17	0.022	196.4	0.0524				
1809.20	0.021	196.4	0.0497				
1809.23	0.018	196.2	0.047				
1809.27	0.017	196.1	0.0453				
1809.30	0.016	196	0.0417				
1809.33	0.013	195.8	0.0417				
1809.37	0.011	195.6	0.0382				
1809.40	0.011	195.6	0.0355				
1809.43	0.01	195.4	0.0311				
1809.47	0.006	195.1	0.0275				
1809.50	0.005	194.9	0.024				
1809.53	0.004	194.7	0.0195				
1809.57	0.001	194.4	0.0195				
1809.62	-0.001	194.2	0.0133				
1809.65	-0.002	194	0.0098				
1809.67	-0.005	193.7	0.0098				
1809.70	-0.006	193.4	0.0062				
1809.73	-0.006	193.4	0.0027				
1809.77	-0.008	193.2	-0.0009				
1809.80	-0.01	192.9	-0.0036				
1809.83	-0.011	192.7	-0.0062				
1809.87	-0.012	192.5	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1809.90	-0.014	192.2	-0.0089				
1809.93	-0.015	192	-0.0107				
1809.97	-0.015	192	-0.0133				
1810.00	-0.015	191.8	-0.0151				
1810.03	-0.016	191.6	-0.016				
1810.07	-0.017	191.4	-0.0169				
1810.10	-0.017	191.3	-0.0178				
1810.13	-0.017	191.2	-0.0178				
1810.17	-0.017	191	-0.0178				
1810.20	-0.017	191	-0.0178				
1810.23	-0.017	190.9	-0.0178				
1810.27	-0.017	190.8	-0.0178				
1810.30	-0.016	190.8	-0.0169				
1810.33	-0.015	190.8	-0.016				
1810.37	-0.015	190.8	-0.0151				
1810.40	-0.013	190.8	-0.0151				
1810.43	-0.012	190.8	-0.0133				
1810.47	-0.012	190.8	-0.0115				
1810.50	-0.011	191	-0.0098				
1810.53	-0.008	191.1	-0.0071				
1810.57	-0.007	191.2	-0.0044				
1810.60	-0.006	191.3	-0.0018				
1810.63	-0.002	191.5	-0.0018				
1810.67	-0.002	191.5	0.0018				
1810.70	-0.002	191.6	0.0044				
1810.73	0	191.8	0.008				
1810.77	0.004	192.1	0.0124				
1810.80	0.005	192.2	0.0151				
1810.83	0.006	192.5	0.0186				
1810.87	0.01	192.7	0.0186				
1810.90	0.011	192.7	0.0231				
1810.93	0.011	192.9	0.0275				
1810.97	0.012	193.2	0.0311				
1811.00	0.016	193.5	0.0355				
1811.05	0.017	193.7	0.0382				
1811.08	0.017	193.9	0.0399				
1811.10	0.02	194.2	0.0435				
1811.13	0.021	194.4	0.0462				
1811.17	0.022	194.6	0.0497				
1811.20	0.025	194.9	0.0497				
1811.23	0.025	194.9	0.0524				
1811.27	0.025	195.1	0.0541				
1811.30	0.026	195.3	0.0559				
1811.33	0.028	195.6	0.0577				
1811.37	0.028	195.7	0.0586				
1811.40	0.028	195.9	0.0595				
1811.43	0.029	196.1	0.0595				
1811.47	0.029	196.1	0.0604				
1811.50	0.029	196.2	0.0604				
1811.53	0.029	196.3	0.0604				
1811.57	0.029	196.4	0.0604				
1811.60	0.028	196.5	0.0604				
1811.63	0.028	196.5	0.0595				
1811.67	0.026	196.5	0.0595				
1811.70	0.026	196.5	0.0577				
1811.73	0.026	196.5	0.0568				
1811.77	0.025	196.5	0.055				
1811.80	0.022	196.4	0.0533				
1811.83	0.022	196.4	0.0515				
1811.87	0.02	196.3	0.0488				
1811.90	0.018	196.2	0.0488				
1811.93	0.016	196.2	0.0462				
1811.97	0.016	196	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1812.00	0.015	195.9	0.0408				
1812.03	0.012	195.7	0.0364				
1812.07	0.01	195.5	0.0337				
1812.10	0.009	195.3	0.0302				
1812.13	0.006	195	0.0302				
1812.17	0.004	194.8	0.0257				
1812.20	0.004	194.8	0.0222				
1812.23	0.002	194.6	0.0178				
1812.27	-0.001	194.3	0.0142				
1812.30	-0.002	194.1	0.0107				
1812.33	-0.004	193.8	0.0071				
1812.37	-0.006	193.5	0.0071				
1812.40	-0.008	193.2	0.0027				
1812.43	-0.008	193.2	0				
1812.47	-0.009	193	-0.0036				
1812.52	-0.012	192.5	-0.0062				
1812.55	-0.012	192.5	-0.008				
1812.57	-0.013	192.3	-0.0107				
1812.60	-0.014	192	-0.0124				
1812.63	-0.016	191.8	-0.0142				
1812.67	-0.016	191.7	-0.0151				
1812.70	-0.016	191.5	-0.016				
1812.73	-0.017	191.3	-0.016				
1812.77	-0.017	191.3	-0.0169				
1812.80	-0.017	191.2	-0.0178				
1812.83	-0.017	191	-0.0186				
1812.87	-0.017	190.9	-0.0178				
1812.90	-0.017	190.9	-0.0178				
1812.93	-0.016	190.8	-0.0169				
1812.97	-0.016	190.8	-0.0169				
1813.00	-0.015	190.8	-0.0169				
1813.03	-0.015	190.8	-0.016				
1813.07	-0.014	190.8	-0.0142				
1813.10	-0.012	190.8	-0.0124				
1813.13	-0.011	190.8	-0.0115				
1813.17	-0.01	191	-0.008				
1813.20	-0.007	191.1	-0.008				
1813.23	-0.007	191.1	-0.0053				
1813.27	-0.007	191.2	-0.0036				
1813.30	-0.005	191.3	0				
1813.33	-0.001	191.5	0.0036				
1813.37	-0.001	191.7	0.0062				
1813.40	0.001	191.9	0.0098				
1813.43	0.005	192.1	0.0098				
1813.47	0.005	192.1	0.0133				
1813.50	0.005	192.3	0.0169				
1813.53	0.007	192.5	0.0213				
1813.57	0.011	192.8	0.0249				
1813.60	0.012	193	0.0293				
1813.63	0.013	193.3	0.0328				
1813.67	0.017	193.6	0.0328				
1813.70	0.018	193.6	0.0373				
1813.73	0.018	193.8	0.0391				
1813.77	0.019	194	0.0435				
1813.80	0.021	194.3	0.0462				
1813.83	0.023	194.5	0.0488				
1813.87	0.024	194.8	0.0515				
1813.90	0.025	195	0.0515				
1813.95	0.026	195.2	0.055				
1813.98	0.026	195.4	0.0559				
1814.02	0.027	195.6	0.0559				
1814.03	0.028	195.8	0.0577				
1814.07	0.028	195.8	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1814.10	0.028	196	0.0595				
1814.13	0.029	196.1	0.0604				
1814.17	0.029	196.2	0.0604				
1814.20	0.029	196.3	0.0604				
1814.23	0.028	196.4	0.0604				
1814.27	0.028	196.5	0.0604				
1814.30	0.028	196.5	0.0604				
1814.33	0.027	196.5	0.0595				
1814.37	0.026	196.5	0.0568				
1814.40	0.025	196.5	0.0559				
1814.43	0.024	196.5	0.0541				
1814.47	0.023	196.4	0.0524				
1814.50	0.02	196.3	0.0524				
1814.53	0.02	196.3	0.0506				
1814.57	0.02	196.3	0.0479				
1814.60	0.018	196.1	0.0444				
1814.63	0.014	195.9	0.0417				
1814.67	0.014	195.8	0.0391				
1814.70	0.012	195.6	0.0355				
1814.73	0.009	195.4	0.0355				
1814.77	0.008	195.4	0.032				
1814.80	0.008	195.2	0.0293				
1814.83	0.006	194.9	0.0249				
1814.87	0.003	194.7	0.0204				
1814.90	0.001	194.5	0.0178				
1814.93	0	194.2	0.0133				
1814.97	-0.004	193.9	0.0133				
1815.00	-0.004	193.9	0.0089				
1815.03	-0.004	193.7	0.0062				
1815.07	-0.006	193.4	0.0027				
1815.10	-0.009	193.1	-0.0018				
1815.13	-0.01	192.9	-0.0044				
1815.17	-0.011	192.6	-0.0071				
1815.20	-0.013	192.3	-0.0071				
1815.23	-0.014	192.3	-0.0098				
1815.27	-0.014	192.1	-0.0115				
1815.30	-0.014	191.9	-0.0133				
1815.33	-0.016	191.7	-0.0151				
1815.37	-0.017	191.5	-0.016				
1815.42	-0.017	191.4	-0.0169				
1815.45	-0.017	191.2	-0.0169				
1815.47	-0.017	191.1	-0.0178				
1815.50	-0.017	191	-0.0178				
1815.53	-0.017	190.9	-0.0178				
1815.57	-0.017	190.9	-0.0178				
1815.60	-0.017	190.8	-0.0178				
1815.63	-0.016	190.8	-0.0169				
1815.67	-0.015	190.7	-0.016				
1815.70	-0.014	190.7	-0.0151				
1815.73	-0.014	190.8	-0.0133				
1815.77	-0.012	190.8	-0.0133				
1815.80	-0.011	190.8	-0.0115				
1815.83	-0.011	190.9	-0.0098				
1815.87	-0.009	191	-0.0071				
1815.90	-0.006	191.1	-0.0044				
1815.93	-0.006	191.2	-0.0027				
1815.97	-0.004	191.4	0.0009				
1816.00	-0.001	191.6	0.0009				
1816.03	0	191.6	0.0053				
1816.07	0	191.7	0.0071				
1816.10	0.002	192	0.0115				
1816.13	0.006	192.2	0.0151				
1816.17	0.006	192.4	0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1816.20	0.008	192.6	0.0222				
1816.23	0.012	192.9	0.0222				
1816.27	0.013	192.9	0.0275				
1816.30	0.013	193.1	0.0302				
1816.33	0.014	193.4	0.0337				
1816.37	0.017	193.7	0.0382				
1816.40	0.018	193.9	0.0408				
1816.43	0.02	194.1	0.0444				
1816.47	0.022	194.4	0.0444				
1816.50	0.023	194.6	0.0479				
1816.53	0.023	194.6	0.0497				
1816.57	0.024	194.8	0.0524				
1816.60	0.026	195.1	0.055				
1816.63	0.027	195.3	0.0559				
1816.67	0.027	195.5	0.0568				
1816.70	0.028	195.7	0.0568				
1816.73	0.029	195.9	0.0586				
1816.77	0.029	195.9	0.0595				
1816.80	0.029	196	0.0604				
1816.85	0.029	196.2	0.0604				
1816.88	0.029	196.2	0.0604				
1816.92	0.029	196.3	0.0604				
1816.93	0.029	196.5	0.0604				
1816.97	0.028	196.5	0.0595				
1817.00	0.027	196.5	0.0577				
1817.03	0.026	196.5	0.0577				
1817.07	0.024	196.5	0.0568				
1817.10	0.024	196.5	0.055				
1817.13	0.024	196.5	0.0533				
1817.17	0.022	196.4	0.0515				
1817.20	0.02	196.3	0.0497				
1817.23	0.019	196.2	0.047				
1817.27	0.017	196	0.0444				
1817.30	0.014	195.9	0.0444				
1817.33	0.013	195.9	0.0408				
1817.37	0.013	195.8	0.0382				
1817.40	0.011	195.5	0.0346				
1817.43	0.008	195.2	0.0302				
1817.47	0.007	195.1	0.0275				
1817.50	0.005	194.8	0.0231				
1817.53	0.002	194.6	0.0231				
1817.57	0.001	194.6	0.0186				
1817.60	0.001	194.4	0.0151				
1817.63	-0.001	194.1	0.0115				
1817.67	-0.004	193.8	0.0071				
1817.70	-0.005	193.6	0.0044				
1817.73	-0.007	193.3	0.0009				
1817.77	-0.01	193	0.0009				
1817.80	-0.01	193	-0.0027				
1817.83	-0.01	192.8	-0.0053				
1817.87	-0.012	192.5	-0.008				
1817.90	-0.014	192.2	-0.0107				
1817.93	-0.015	192	-0.0124				
1817.97	-0.015	191.8	-0.0133				
1818.00	-0.016	191.6	-0.0133				
1818.03	-0.017	191.6	-0.0151				
1818.07	-0.017	191.4	-0.0169				
1818.10	-0.017	191.3	-0.0169				
1818.13	-0.017	191.2	-0.0178				
1818.17	-0.017	191	-0.0178				
1818.20	-0.017	190.9	-0.0178				
1818.23	-0.017	190.9	-0.0178				
1818.27	-0.016	190.8	-0.0178				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1818.32	-0.016	190.8	-0.0169				
1818.35	-0.015	190.7	-0.0169				
1818.37	-0.014	190.7	-0.016				
1818.40	-0.014	190.7	-0.0142				
1818.43	-0.013	190.7	-0.0133				
1818.47	-0.012	190.8	-0.0107				
1818.50	-0.01	190.9	-0.0089				
1818.53	-0.009	191	-0.0062				
1818.57	-0.007	191.2	-0.0062				
1818.60	-0.004	191.3	-0.0036				
1818.63	-0.004	191.3	-0.0009				
1818.67	-0.003	191.4	0.0027				
1818.70	-0.001	191.6	0.0053				
1818.73	0.001	191.8	0.0089				
1818.77	0.002	192	0.0124				
1818.80	0.005	192.3	0.0169				
1818.83	0.009	192.5	0.0169				
1818.87	0.009	192.5	0.0204				
1818.90	0.009	192.7	0.024				
1818.93	0.011	193	0.0284				
1818.97	0.014	193.2	0.032				
1819.00	0.015	193.4	0.0355				
1819.03	0.017	193.7	0.0391				
1819.07	0.02	194	0.0391				
1819.10	0.02	194	0.0426				
1819.13	0.02	194.2	0.0453				
1819.17	0.022	194.5	0.0488				
1819.20	0.024	194.7	0.0515				
1819.23	0.025	194.9	0.0533				
1819.27	0.026	195.2	0.055				
1819.30	0.027	195.4	0.055				
1819.33	0.028	195.4	0.0568				
1819.37	0.028	195.6	0.0577				
1819.40	0.028	195.8	0.0595				
1819.43	0.029	195.9	0.0604				
1819.47	0.029	196	0.0604				
1819.50	0.029	196.2	0.0604				
1819.53	0.029	196.3	0.0604				
1819.57	0.028	196.3	0.0604				
1819.60	0.028	196.4	0.0604				
1819.63	0.028	196.4	0.0604				
1819.67	0.027	196.4	0.0586				
1819.70	0.026	196.5	0.0577				
1819.73	0.025	196.5	0.0559				
1819.78	0.023	196.4	0.0541				
1819.82	0.023	196.4	0.0533				
1819.83	0.022	196.3	0.0506				
1819.87	0.02	196.2	0.0506				
1819.90	0.017	196.2	0.0488				
1819.93	0.017	196.1	0.0462				
1819.97	0.017	196	0.0435				
1820.00	0.013	195.8	0.0399				
1820.03	0.012	195.7	0.0373				
1820.07	0.011	195.4	0.0328				
1820.10	0.007	195.1	0.0328				
1820.13	0.006	195	0.0293				
1820.17	0.006	195	0.0257				
1820.20	0.004	194.8	0.0213				
1820.23	0.001	194.5	0.0169				
1820.27	0	194.2	0.0142				
1820.30	-0.002	194	0.0098				
1820.33	-0.005	193.7	0.0098				
1820.37	-0.007	193.4	0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1820.40	-0.007	193.4	0.0027				
1820.43	-0.007	193.2	0				
1820.47	-0.01	192.9	-0.0036				
1820.50	-0.011	192.6	-0.0062				
1820.53	-0.012	192.4	-0.0089				
1820.57	-0.014	192.1	-0.0089				
1820.60	-0.015	191.9	-0.0115				
1820.63	-0.015	191.9	-0.0133				
1820.67	-0.016	191.7	-0.0151				
1820.70	-0.016	191.5	-0.016				
1820.73	-0.017	191.4	-0.0169				
1820.77	-0.017	191.2	-0.0178				
1820.80	-0.017	191.1	-0.0178				
1820.83	-0.017	191	-0.0178				
1820.87	-0.017	191	-0.0178				
1820.90	-0.017	190.9	-0.0178				
1820.93	-0.017	190.8	-0.0178				
1820.97	-0.016	190.8	-0.0169				
1821.00	-0.015	190.7	-0.0151				
1821.03	-0.014	190.7	-0.0142				
1821.07	-0.013	190.8	-0.0142				
1821.10	-0.012	190.8	-0.0133				
1821.13	-0.012	190.8	-0.0115				
1821.17	-0.011	190.9	-0.0098				
1821.22	-0.008	191	-0.0071				
1821.25	-0.008	191	-0.0053				
1821.28	-0.007	191.2	-0.0027				
1821.30	-0.003	191.3	0.0009				
1821.33	-0.002	191.5	0.0036				
1821.37	-0.001	191.7	0.0062				
1821.40	0.002	191.9	0.0062				
1821.43	0.004	191.9	0.0107				
1821.47	0.004	192.1	0.0142				
1821.50	0.005	192.3	0.0178				
1821.53	0.009	192.6	0.0213				
1821.57	0.01	192.8	0.0249				
1821.60	0.012	193.1	0.0302				
1821.63	0.015	193.3	0.0302				
1821.67	0.016	193.3	0.0346				
1821.70	0.016	193.5	0.0364				
1821.73	0.017	193.8	0.0399				
1821.77	0.02	194.1	0.0444				
1821.80	0.021	194.3	0.0462				
1821.83	0.022	194.5	0.0497				
1821.87	0.025	194.8	0.0497				
1821.90	0.025	194.8	0.0515				
1821.93	0.025	195	0.0541				
1821.97	0.026	195.2	0.0559				
1822.00	0.027	195.4	0.0577				
1822.03	0.028	195.6	0.0586				
1822.07	0.028	195.8	0.0595				
1822.10	0.029	196	0.0595				
1822.13	0.029	196.1	0.0604				
1822.17	0.029	196.1	0.0604				
1822.20	0.029	196.2	0.0604				
1822.23	0.029	196.3	0.0604				
1822.27	0.028	196.4	0.0604				
1822.30	0.028	196.4	0.0595				
1822.33	0.027	196.4	0.0595				
1822.37	0.025	196.4	0.0577				
1822.40	0.025	196.4	0.0568				
1822.43	0.024	196.4	0.055				
1822.47	0.023	196.4	0.0533				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1822.50	0.021	196.3	0.0515				
1822.53	0.02	196.2	0.0488				
1822.57	0.018	196	0.0488				
1822.60	0.016	195.9	0.0462				
1822.63	0.016	195.9	0.0435				
1822.68	0.013	195.7	0.0382				
1822.72	0.011	195.5	0.0382				
1822.73	0.011	195.5	0.0364				
1822.77	0.01	195.3	0.032				
1822.80	0.007	195	0.0275				
1822.83	0.004	194.8	0.024				
1822.87	0.003	194.6	0.0195				
1822.90	0.001	194.3	0.016				
1822.93	-0.002	194	0.016				
1822.97	-0.003	194	0.0124				
1823.00	-0.003	193.8	0.0089				
1823.03	-0.004	193.5	0.0053				
1823.07	-0.007	193.2	0.0009				
1823.10	-0.008	193	-0.0018				
1823.13	-0.01	192.7	-0.0044				
1823.17	-0.012	192.5	-0.0044				
1823.20	-0.013	192.5	-0.0071				
1823.23	-0.013	192.3	-0.0089				
1823.27	-0.014	192	-0.0115				
1823.30	-0.015	191.8	-0.0133				
1823.33	-0.015	191.6	-0.0151				
1823.37	-0.016	191.4	-0.016				
1823.40	-0.017	191.2	-0.016				
1823.43	-0.017	191.2	-0.0178				
1823.47	-0.017	191.1	-0.0178				
1823.50	-0.017	191	-0.0178				
1823.53	-0.017	190.9	-0.0186				
1823.57	-0.017	190.8	-0.0178				
1823.60	-0.017	190.7	-0.0169				
1823.63	-0.016	190.7	-0.0169				
1823.67	-0.015	190.7	-0.0169				
1823.70	-0.015	190.7	-0.016				
1823.73	-0.014	190.7	-0.0142				
1823.77	-0.012	190.8	-0.0124				
1823.80	-0.011	190.8	-0.0107				
1823.83	-0.01	190.8	-0.008				
1823.87	-0.008	191	-0.008				
1823.90	-0.006	191.1	-0.0062				
1823.93	-0.006	191.1	-0.0036				
1823.97	-0.005	191.2	0				
1824.00	-0.002	191.4	0.0027				
1824.03	0	191.6	0.0053				
1824.07	0.001	191.8	0.0098				
1824.12	0.004	192	0.0133				
1824.15	0.005	192.2	0.0151				
1824.18	0.006	192.3	0.0195				
1824.20	0.009	192.7	0.0231				
1824.23	0.011	192.9	0.0231				
1824.27	0.011	192.9	0.0275				
1824.30	0.013	193.1	0.032				
1824.33	0.015	193.4	0.0355				
1824.37	0.017	193.6	0.0382				
1824.40	0.018	193.9	0.0408				
1824.43	0.02	194.1	0.0444				
1824.47	0.022	194.4	0.0444				
1824.50	0.023	194.4	0.0479				
1824.53	0.023	194.6	0.0497				
1824.57	0.024	194.8	0.0524				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1824.60	0.026	195.1	0.055				
1824.63	0.026	195.3	0.0559				
1824.67	0.027	195.5	0.0577				
1824.70	0.028	195.7	0.0577				
1824.73	0.028	195.7	0.0595				
1824.77	0.028	195.8	0.0595				
1824.80	0.029	196	0.0604				
1824.83	0.029	196.1	0.0604				
1824.87	0.029	196.2	0.0604				
1824.90	0.028	196.3	0.0604				
1824.93	0.028	196.4	0.0604				
1824.97	0.027	196.4	0.0604				
1825.00	0.027	196.4	0.0595				
1825.03	0.027	196.4	0.0577				
1825.07	0.025	196.4	0.0559				
1825.10	0.024	196.4	0.055				
1825.13	0.023	196.4	0.0533				
1825.17	0.021	196.2	0.0533				
1825.20	0.019	196.2	0.0506				
1825.23	0.019	196.2	0.0488				
1825.27	0.018	196.1	0.0453				
1825.30	0.015	195.9	0.0426				
1825.33	0.013	195.7	0.0399				
1825.37	0.012	195.6	0.0364				
1825.40	0.009	195.3	0.0364				
1825.43	0.007	195.1	0.0328				
1825.47	0.007	195.1	0.0293				
1825.50	0.006	194.9	0.0249				
1825.53	0.003	194.6	0.0204				
1825.58	0.001	194.4	0.0169				
1825.62	0.001	194.2	0.0151				
1825.63	-0.002	193.9	0.0115				
1825.67	-0.004	193.7	0.008				
1825.70	-0.005	193.5	0.0036				
1825.73	-0.007	193.1	0.0009				
1825.77	-0.01	192.9	0.0009				
1825.80	-0.01	192.9	-0.0027				
1825.83	-0.01	192.7	-0.0053				
1825.87	-0.012	192.4	-0.008				
1825.90	-0.014	192.1	-0.0107				
1825.93	-0.014	191.9	-0.0124				
1825.97	-0.015	191.7	-0.0142				
1826.00	-0.016	191.5	-0.0142				
1826.03	-0.017	191.5	-0.016				
1826.07	-0.017	191.4	-0.016				
1826.10	-0.017	191.2	-0.0169				
1826.13	-0.017	191.1	-0.0178				
1826.17	-0.017	190.9	-0.0178				
1826.20	-0.017	190.8	-0.0178				
1826.23	-0.016	190.8	-0.0178				
1826.27	-0.016	190.8	-0.0178				
1826.30	-0.016	190.7	-0.0169				
1826.33	-0.016	190.7	-0.016				
1826.37	-0.014	190.7	-0.0151				
1826.40	-0.014	190.7	-0.0142				
1826.43	-0.012	190.7	-0.0115				
1826.47	-0.01	190.8	-0.0115				
1826.50	-0.009	190.8	-0.0098				
1826.53	-0.009	190.8	-0.008				
1826.57	-0.008	191	-0.0053				
1826.60	-0.005	191.2	-0.0027				
1826.63	-0.004	191.2	0				
1826.67	-0.003	191.4	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1826.70	0.001	191.7	0.0036				
1826.73	0.002	191.7	0.0071				
1826.77	0.002	191.8	0.0107				
1826.80	0.003	192	0.0142				
1826.83	0.007	192.3	0.0186				
1826.87	0.008	192.5	0.0222				
1826.90	0.01	192.7	0.0257				
1826.93	0.013	193	0.0257				
1826.97	0.015	193.3	0.0311				
1827.00	0.015	193.3	0.0337				
1827.05	0.017	193.7	0.0373				
1827.08	0.019	194	0.0399				
1827.10	0.019	194	0.0426				
1827.13	0.021	194.2	0.0462				
1827.17	0.022	194.5	0.0488				
1827.20	0.024	194.7	0.0515				
1827.23	0.025	194.9	0.0533				
1827.27	0.026	195.1	0.0533				
1827.30	0.027	195.3	0.055				
1827.33	0.027	195.3	0.0568				
1827.37	0.027	195.5	0.0586				
1827.40	0.028	195.7	0.0595				
1827.43	0.029	195.9	0.0604				
1827.47	0.029	196	0.0604				
1827.50	0.029	196.1	0.0612				
1827.53	0.029	196.2	0.0612				
1827.57	0.028	196.2	0.0612				
1827.60	0.028	196.3	0.0604				
1827.63	0.028	196.4	0.0604				
1827.67	0.027	196.4	0.0595				
1827.70	0.026	196.4	0.0577				
1827.73	0.025	196.4	0.0559				
1827.77	0.023	196.3	0.0559				
1827.80	0.022	196.3	0.0541				
1827.83	0.022	196.3	0.0524				
1827.87	0.021	196.2	0.0497				
1827.90	0.018	196.1	0.047				
1827.93	0.017	196	0.0453				
1827.97	0.016	195.8	0.0417				
1828.00	0.012	195.6	0.0417				
1828.03	0.011	195.6	0.0382				
1828.07	0.011	195.5	0.0355				
1828.10	0.01	195.2	0.0311				
1828.13	0.006	195	0.0275				
1828.17	0.005	194.8	0.024				
1828.20	0.004	194.6	0.0195				
1828.23	0	194.3	0.0195				
1828.27	-0.001	194.3	0.016				
1828.30	-0.001	194	0.0124				
1828.33	-0.002	193.8	0.0089				
1828.37	-0.006	193.5	0.0044				
1828.40	-0.007	193.3	0.0018				
1828.43	-0.008	193	-0.0018				
1828.48	-0.01	192.7	-0.0044				
1828.52	-0.011	192.5	-0.0062				
1828.53	-0.012	192.3	-0.0089				
1828.57	-0.014	192	-0.0089				
1828.60	-0.015	191.8	-0.0115				
1828.63	-0.015	191.8	-0.0133				
1828.67	-0.015	191.6	-0.0142				
1828.70	-0.016	191.4	-0.0151				
1828.73	-0.017	191.2	-0.0169				
1828.77	-0.017	191.1	-0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1828.80	-0.017	191	-0.0178				
1828.83	-0.017	190.9	-0.0178				
1828.87	-0.017	190.9	-0.0178				
1828.90	-0.017	190.8	-0.0178				
1828.93	-0.017	190.7	-0.0178				
1828.97	-0.016	190.7	-0.0169				
1829.00	-0.015	190.6	-0.016				
1829.03	-0.015	190.6	-0.0142				
1829.07	-0.013	190.7	-0.0142				
1829.10	-0.012	190.7	-0.0133				
1829.13	-0.012	190.7	-0.0115				
1829.17	-0.011	190.8	-0.0089				
1829.20	-0.008	190.9	-0.0062				
1829.23	-0.007	191	-0.0053				
1829.27	-0.006	191.2	-0.0018				
1829.30	-0.002	191.3	-0.0018				
1829.33	-0.002	191.3	0.0018				
1829.37	-0.002	191.4	0.0053				
1829.40	0	191.7	0.008				
1829.43	0.004	191.9	0.0124				
1829.47	0.004	192.1	0.0151				
1829.50	0.006	192.3	0.0195				
1829.53	0.01	192.6	0.0195				
1829.57	0.011	192.6	0.0231				
1829.60	0.011	192.8	0.0275				
1829.63	0.012	193	0.032				
1829.67	0.016	193.3	0.0355				
1829.70	0.017	193.6	0.0382				
1829.73	0.018	193.8	0.0417				
1829.77	0.021	194.1	0.0417				
1829.80	0.022	194.1	0.0453				
1829.83	0.022	194.3	0.0479				
1829.87	0.023	194.5	0.0506				
1829.90	0.025	194.8	0.0533				
1829.95	0.026	195	0.055				
1829.98	0.026	195.2	0.0559				
1830.00	0.027	195.4	0.0577				
1830.03	0.028	195.6	0.0586				
1830.07	0.028	195.8	0.0595				
1830.10	0.029	195.9	0.0595				
1830.13	0.029	196.1	0.0604				
1830.17	0.029	196.1	0.0612				
1830.20	0.029	196.1	0.0612				
1830.23	0.029	196.3	0.0612				
1830.27	0.028	196.3	0.0604				
1830.30	0.027	196.4	0.0595				
1830.33	0.026	196.4	0.0595				
1830.37	0.025	196.4	0.0577				
1830.40	0.025	196.4	0.0568				
1830.43	0.025	196.4	0.0559				
1830.47	0.023	196.3	0.0541				
1830.50	0.021	196.3	0.0515				
1830.53	0.02	196.2	0.0488				
1830.57	0.018	196	0.0462				
1830.60	0.015	195.9	0.0462				
1830.63	0.015	195.9	0.0435				
1830.67	0.015	195.8	0.0408				
1830.70	0.013	195.5	0.0373				
1830.73	0.009	195.3	0.0337				
1830.77	0.009	195.2	0.0311				
1830.80	0.007	194.9	0.0257				
1830.83	0.004	194.7	0.0257				
1830.87	0.002	194.7	0.0222				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1830.90	0.002	194.5	0.0186				
1830.93	0.001	194.2	0.0151				
1830.97	-0.003	193.9	0.0107				
1831.00	-0.004	193.7	0.0071				
1831.03	-0.005	193.4	0.0036				
1831.07	-0.008	193.1	0.0036				
1831.10	-0.009	193.1	0				
1831.13	-0.009	192.9	-0.0027				
1831.17	-0.01	192.6	-0.0053				
1831.20	-0.013	192.3	-0.0089				
1831.23	-0.013	192.1	-0.0107				
1831.27	-0.014	191.9	-0.0124				
1831.30	-0.016	191.7	-0.0124				
1831.33	-0.016	191.7	-0.0142				
1831.38	-0.016	191.3	-0.016				
1831.42	-0.017	191.2	-0.016				
1831.45	-0.017	191.2	-0.0169				
1831.47	-0.017	191	-0.0178				
1831.50	-0.017	190.9	-0.0178				
1831.53	-0.017	190.8	-0.0178				
1831.57	-0.017	190.7	-0.0178				
1831.60	-0.017	190.7	-0.0169				
1831.63	-0.016	190.6	-0.0169				
1831.67	-0.015	190.6	-0.016				
1831.70	-0.015	190.6	-0.0151				
1831.73	-0.014	190.6	-0.0142				
1831.77	-0.012	190.7	-0.0124				
1831.80	-0.011	190.7	-0.0107				
1831.83	-0.01	190.8	-0.0089				
1831.87	-0.008	190.9	-0.0089				
1831.90	-0.006	191	-0.0053				
1831.93	-0.006	191	-0.0036				
1831.97	-0.005	191.2	0				
1832.00	-0.002	191.4	0.0036				
1832.03	0	191.5	0.0062				
1832.07	0.001	191.7	0.0098				
1832.10	0.004	192	0.0098				
1832.13	0.006	192.2	0.0133				
1832.17	0.006	192.2	0.0169				
1832.20	0.007	192.4	0.0204				
1832.23	0.01	192.7	0.0249				
1832.27	0.012	192.9	0.0293				
1832.30	0.013	193.1	0.0328				
1832.33	0.016	193.4	0.0328				
1832.37	0.018	193.7	0.0364				
1832.40	0.018	193.7	0.0399				
1832.43	0.019	193.9	0.0426				
1832.47	0.021	194.2	0.0462				
1832.50	0.023	194.4	0.0488				
1832.53	0.024	194.6	0.0515				
1832.57	0.025	194.9	0.0541				
1832.60	0.027	195.1	0.0541				
1832.63	0.027	195.1	0.0559				
1832.67	0.027	195.3	0.0568				
1832.70	0.027	195.5	0.0586				
1832.73	0.029	195.7	0.0595				
1832.77	0.029	195.8	0.0604				
1832.80	0.029	196	0.0604				
1832.85	0.029	196.1	0.0604				
1832.88	0.028	196.2	0.0604				
1832.90	0.028	196.3	0.0604				
1832.93	0.028	196.3	0.0604				
1832.97	0.028	196.3	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1833.00	0.028	196.4	0.0595				
1833.03	0.027	196.4	0.0577				
1833.07	0.025	196.4	0.0559				
1833.10	0.024	196.3	0.055				
1833.13	0.023	196.3	0.0524				
1833.17	0.021	196.2	0.0524				
1833.20	0.02	196.2	0.0506				
1833.23	0.02	196.1	0.0488				
1833.27	0.018	196	0.0453				
1833.30	0.015	195.8	0.0417				
1833.33	0.014	195.7	0.0399				
1833.37	0.012	195.5	0.0364				
1833.40	0.009	195.2	0.0364				
1833.43	0.008	195.2	0.032				
1833.47	0.008	195	0.0293				
1833.50	0.006	194.8	0.0249				
1833.53	0.002	194.6	0.0204				
1833.57	0.001	194.4	0.0178				
1833.60	0	194.1	0.0133				
1833.63	-0.004	193.8	0.0133				
1833.67	-0.004	193.8	0.0089				
1833.70	-0.004	193.6	0.0062				
1833.73	-0.006	193.3	0.0027				
1833.77	-0.009	193	-0.0009				
1833.80	-0.01	192.7	-0.0036				
1833.83	-0.011	192.5	-0.0062				
1833.87	-0.013	192.2	-0.0062				
1833.90	-0.014	192	-0.0089				
1833.93	-0.014	192	-0.0107				
1833.97	-0.014	191.8	-0.0133				
1834.00	-0.016	191.6	-0.0151				
1834.03	-0.017	191.4	-0.016				
1834.07	-0.017	191.2	-0.0169				
1834.10	-0.017	191.1	-0.0169				
1834.13	-0.017	190.9	-0.0178				
1834.17	-0.017	190.9	-0.0178				
1834.20	-0.017	190.8	-0.0178				
1834.23	-0.017	190.8	-0.0178				
1834.28	-0.016	190.7	-0.0169				
1834.32	-0.016	190.6	-0.0169				
1834.35	-0.015	190.6	-0.016				
1834.37	-0.014	190.6	-0.0151				
1834.40	-0.014	190.6	-0.0142				
1834.43	-0.012	190.7	-0.0115				
1834.47	-0.01	190.7	-0.0115				
1834.50	-0.009	190.7	-0.0098				
1834.53	-0.009	190.8	-0.008				
1834.57	-0.008	190.9	-0.0053				
1834.60	-0.005	191.1	-0.0027				
1834.63	-0.004	191.2	0.0009				
1834.67	-0.003	191.4	0.0044				
1834.70	0.001	191.6	0.0044				
1834.73	0.002	191.6	0.008				
1834.77	0.002	191.7	0.0107				
1834.80	0.003	192	0.0142				
1834.83	0.007	192.2	0.0186				
1834.87	0.008	192.4	0.0222				
1834.90	0.01	192.7	0.0257				
1834.93	0.013	193	0.0257				
1834.97	0.014	193	0.0311				
1835.00	0.014	193.2	0.0337				
1835.03	0.016	193.5	0.0373				
1835.07	0.019	193.8	0.0417				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1835.10	0.02	194	0.0444				
1835.13	0.021	194.2	0.047				
1835.17	0.023	194.5	0.047				
1835.20	0.024	194.5	0.0497				
1835.23	0.024	194.7	0.0515				
1835.27	0.025	194.9	0.0541				
1835.30	0.027	195.1	0.0559				
1835.33	0.027	195.3	0.0577				
1835.37	0.028	195.5	0.0595				
1835.40	0.028	195.7	0.0595				
1835.43	0.029	195.9	0.0595				
1835.47	0.029	195.9	0.0604				
1835.50	0.029	196	0.0604				
1835.53	0.029	196.1	0.0604				
1835.57	0.029	196.2	0.0604				
1835.60	0.028	196.3	0.0604				
1835.63	0.027	196.3	0.0604				
1835.67	0.026	196.3	0.0595				
1835.70	0.026	196.3	0.0586				
1835.75	0.025	196.3	0.0559				
1835.78	0.023	196.3	0.0559				
1835.80	0.022	196.3	0.055				
1835.83	0.022	196.3	0.0533				
1835.87	0.021	196.2	0.0506				
1835.90	0.018	196	0.0479				
1835.93	0.017	195.9	0.0453				
1835.97	0.016	195.8	0.0417				
1836.00	0.012	195.6	0.0417				
1836.03	0.011	195.6	0.0382				
1836.07	0.011	195.4	0.0355				
1836.10	0.01	195.1	0.032				
1836.13	0.006	194.9	0.0275				
1836.17	0.005	194.7	0.024				
1836.20	0.003	194.5	0.0195				
1836.23	0	194.2	0.0195				
1836.27	-0.001	194.2	0.016				
1836.30	-0.001	194	0.0124				
1836.33	-0.003	193.7	0.0089				
1836.37	-0.006	193.4	0.0053				
1836.40	-0.007	193.2	0.0018				
1836.43	-0.008	192.9	-0.0018				
1836.47	-0.011	192.6	-0.0018				
1836.50	-0.011	192.6	-0.0053				
1836.53	-0.011	192.4	-0.0071				
1836.57	-0.013	192.1	-0.0098				
1836.60	-0.015	191.9	-0.0124				
1836.63	-0.015	191.7	-0.0133				
1836.67	-0.016	191.5	-0.0151				
1836.70	-0.017	191.3	-0.0151				
1836.73	-0.017	191.3	-0.016				
1836.77	-0.017	191.2	-0.0169				
1836.80	-0.017	191	-0.0178				
1836.83	-0.017	190.9	-0.0178				
1836.87	-0.017	190.8	-0.0178				
1836.90	-0.017	190.7	-0.0178				
1836.93	-0.016	190.6	-0.0178				
1836.97	-0.016	190.6	-0.0169				
1837.00	-0.016	190.6	-0.016				
1837.03	-0.015	190.6	-0.0151				
1837.07	-0.013	190.6	-0.0133				
1837.10	-0.013	190.7	-0.0124				
1837.13	-0.012	190.7	-0.0107				
1837.17	-0.009	190.8	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1837.22	-0.008	190.9	-0.0062				
1837.25	-0.007	190.9	-0.0044				
1837.27	-0.005	191.2	-0.0044				
1837.30	-0.003	191.2	-0.0009				
1837.33	-0.003	191.3	0.0018				
1837.37	-0.002	191.4	0.0053				
1837.40	0.001	191.7	0.0089				
1837.43	0.003	191.8	0.0124				
1837.47	0.004	192	0.016				
1837.50	0.008	192.3	0.016				
1837.53	0.01	192.5	0.0204				
1837.57	0.01	192.5	0.024				
1837.60	0.011	192.7	0.0284				
1837.63	0.014	193.1	0.032				
1837.67	0.016	193.3	0.0355				
1837.70	0.017	193.5	0.0391				
1837.73	0.019	193.8	0.0391				
1837.77	0.021	194.1	0.0426				
1837.80	0.021	194.1	0.0453				
1837.83	0.022	194.3	0.0488				
1837.87	0.023	194.6	0.0506				
1837.90	0.025	194.8	0.0533				
1837.93	0.026	195	0.055				
1837.97	0.026	195.2	0.0568				
1838.00	0.028	195.4	0.0568				
1838.03	0.028	195.4	0.0577				
1838.07	0.028	195.6	0.0595				
1838.10	0.028	195.7	0.0595				
1838.13	0.029	195.9	0.0604				
1838.17	0.029	196	0.0612				
1838.20	0.029	196.1	0.0612				
1838.23	0.029	196.2	0.0612				
1838.27	0.028	196.2	0.0612				
1838.30	0.028	196.3	0.0604				
1838.33	0.027	196.3	0.0595				
1838.37	0.026	196.3	0.0577				
1838.40	0.025	196.3	0.0568				
1838.43	0.024	196.2	0.0541				
1838.47	0.022	196.2	0.0541				
1838.50	0.021	196.2	0.0524				
1838.53	0.021	196.2	0.0506				
1838.57	0.02	196	0.0479				
1838.60	0.016	195.9	0.0453				
1838.65	0.016	195.8	0.0426				
1838.68	0.015	195.7	0.0408				
1838.72	0.011	195.5	0.0373				
1838.73	0.01	195.3	0.0337				
1838.77	0.009	195	0.0302				
1838.80	0.005	194.8	0.0302				
1838.83	0.004	194.8	0.0257				
1838.87	0.004	194.6	0.0222				
1838.90	0.003	194.3	0.0186				
1838.93	-0.001	194	0.0142				
1838.97	-0.002	193.9	0.0115				
1839.00	-0.004	193.6	0.0071				
1839.03	-0.006	193.3	0.0071				
1839.07	-0.008	193.3	0.0036				
1839.10	-0.008	193	0.0009				
1839.13	-0.009	192.8	-0.0027				
1839.17	-0.011	192.5	-0.0062				
1839.20	-0.012	192.3	-0.008				
1839.23	-0.013	192.1	-0.0107				
1839.27	-0.015	191.8	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1839.30	-0.016	191.6	-0.0124				
1839.33	-0.016	191.6	-0.0142				
1839.37	-0.016	191.4	-0.0151				
1839.40	-0.017	191.2	-0.0169				
1839.43	-0.017	191.1	-0.0169				
1839.47	-0.017	190.9	-0.0178				
1839.50	-0.017	190.8	-0.0178				
1839.53	-0.017	190.7	-0.0178				
1839.57	-0.017	190.7	-0.0178				
1839.60	-0.017	190.7	-0.0178				
1839.63	-0.016	190.6	-0.016				
1839.67	-0.015	190.6	-0.016				
1839.70	-0.014	190.6	-0.0142				
1839.73	-0.013	190.6	-0.0124				
1839.77	-0.012	190.7	-0.0124				
1839.80	-0.011	190.7	-0.0107				
1839.83	-0.011	190.7	-0.0089				
1839.87	-0.009	190.9	-0.0071				
1839.90	-0.006	191	-0.0044				
1839.93	-0.006	191	-0.0018				
1839.97	-0.004	191.2	0.0009				
1840.00	-0.001	191.4	0.0009				
1840.03	0	191.4	0.0044				
1840.07	0	191.6	0.008				
1840.12	0.004	192	0.0115				
1840.15	0.005	192	0.0142				
1840.17	0.005	192.1	0.0178				
1840.20	0.007	192.4	0.0213				
1840.23	0.011	192.7	0.0257				
1840.27	0.012	192.9	0.0293				
1840.30	0.013	193.2	0.0337				
1840.33	0.017	193.4	0.0337				
1840.37	0.018	193.4	0.0373				
1840.40	0.018	193.6	0.0399				
1840.43	0.019	193.9	0.0435				
1840.47	0.022	194.2	0.047				
1840.50	0.022	194.4	0.0488				
1840.53	0.024	194.6	0.0524				
1840.57	0.026	194.9	0.0524				
1840.60	0.026	194.9	0.055				
1840.63	0.026	195	0.0559				
1840.67	0.027	195.2	0.0577				
1840.70	0.028	195.5	0.0586				
1840.73	0.028	195.7	0.0595				
1840.77	0.028	195.8	0.0604				
1840.80	0.029	196	0.0604				
1840.83	0.029	196	0.0612				
1840.87	0.029	196.1	0.0612				
1840.90	0.029	196.2	0.0612				
1840.93	0.028	196.3	0.0612				
1840.97	0.028	196.3	0.0604				
1841.00	0.027	196.3	0.0586				
1841.03	0.025	196.3	0.0586				
1841.07	0.024	196.3	0.0577				
1841.10	0.024	196.3	0.0559				
1841.13	0.023	196.3	0.0541				
1841.17	0.022	196.2	0.0524				
1841.20	0.02	196.1	0.0497				
1841.23	0.019	196	0.047				
1841.27	0.016	195.8	0.047				
1841.30	0.015	195.8	0.0435				
1841.33	0.015	195.7	0.0417				
1841.37	0.013	195.6	0.0382				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1841.40	0.01	195.2	0.0337				
1841.43	0.008	195.1	0.0311				
1841.47	0.007	194.9	0.0275				
1841.50	0.004	194.6	0.0275				
1841.55	0.002	194.4	0.0195				
1841.58	0.002	194.3	0.0169				
1841.62	-0.001	193.9	0.0169				
1841.63	-0.003	193.7	0.0133				
1841.67	-0.003	193.7	0.0098				
1841.70	-0.004	193.5	0.0062				
1841.73	-0.007	193.1	0.0018				
1841.77	-0.009	192.9	-0.0009				
1841.80	-0.01	192.7	-0.0036				
1841.83	-0.011	192.4	-0.0036				
1841.87	-0.013	192.1	-0.0062				
1841.90	-0.013	192.1	-0.0089				
1841.93	-0.013	191.9	-0.0107				
1841.97	-0.015	191.7	-0.0133				
1842.00	-0.016	191.5	-0.0142				
1842.03	-0.016	191.3	-0.0151				
1842.07	-0.016	191.2	-0.0151				
1842.10	-0.017	191	-0.016				
1842.13	-0.017	191	-0.0178				
1842.17	-0.017	190.9	-0.0178				
1842.20	-0.017	190.8	-0.0178				
1842.23	-0.017	190.7	-0.0178				
1842.27	-0.017	190.6	-0.0169				
1842.30	-0.016	190.6	-0.016				
1842.33	-0.015	190.6	-0.016				
1842.37	-0.014	190.6	-0.0151				
1842.40	-0.014	190.6	-0.0133				
1842.43	-0.013	190.6	-0.0124				
1842.47	-0.011	190.7	-0.0107				
1842.50	-0.01	190.7	-0.0089				
1842.53	-0.009	190.9	-0.0062				
1842.57	-0.006	191	-0.0062				
1842.60	-0.005	191	-0.0027				
1842.63	-0.005	191.1	-0.0009				
1842.67	-0.003	191.3	0.0027				
1842.70	0	191.5	0.0062				
1842.73	0.001	191.6	0.0098				
1842.77	0.003	191.9	0.0133				
1842.80	0.006	192.1	0.0133				
1842.83	0.007	192.1	0.0178				
1842.87	0.007	192.3	0.0204				
1842.90	0.009	192.6	0.0249				
1842.93	0.012	192.9	0.0302				
1842.97	0.014	193.1	0.0328				
1843.02	0.015	193.4	0.0364				
1843.05	0.017	193.5	0.0391				
1843.07	0.018	193.7	0.0417				
1843.10	0.02	194	0.0453				
1843.13	0.022	194.3	0.0453				
1843.17	0.023	194.3	0.0479				
1843.20	0.023	194.5	0.0497				
1843.23	0.024	194.7	0.0524				
1843.27	0.026	194.9	0.055				
1843.30	0.026	195.1	0.0559				
1843.33	0.027	195.4	0.0586				
1843.37	0.028	195.6	0.0586				
1843.40	0.029	195.6	0.0595				
1843.43	0.029	195.7	0.0604				
1843.47	0.029	195.9	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1843.50	0.029	196	0.0612				
1843.53	0.029	196.1	0.0612				
1843.57	0.029	196.2	0.0612				
1843.60	0.028	196.3	0.0612				
1843.63	0.027	196.3	0.0612				
1843.67	0.027	196.3	0.0595				
1843.70	0.027	196.3	0.0586				
1843.73	0.025	196.3	0.0568				
1843.77	0.024	196.3	0.055				
1843.80	0.023	196.2	0.0533				
1843.83	0.021	196.1	0.0533				
1843.87	0.019	196	0.0506				
1843.90	0.019	196	0.0488				
1843.93	0.018	195.9	0.0462				
1843.97	0.015	195.7	0.0426				
1844.00	0.014	195.6	0.0399				
1844.03	0.012	195.5	0.0364				
1844.07	0.009	195.2	0.0364				
1844.10	0.007	195	0.0328				
1844.13	0.007	195	0.0302				
1844.17	0.006	194.8	0.0257				
1844.20	0.003	194.5	0.0213				
1844.23	0.001	194.3	0.0178				
1844.27	0	194	0.0142				
1844.30	-0.003	193.7	0.0142				
1844.33	-0.005	193.5	0.0098				
1844.37	-0.005	193.5	0.0062				
1844.40	-0.006	193.2	0.0027				
1844.45	-0.009	192.7	0				
1844.48	-0.009	192.7	-0.0018				
1844.52	-0.01	192.5	-0.0053				
1844.53	-0.012	192.2	-0.008				
1844.57	-0.014	192	-0.0098				
1844.60	-0.014	191.8	-0.0115				
1844.63	-0.015	191.6	-0.0133				
1844.67	-0.016	191.4	-0.0133				
1844.70	-0.016	191.4	-0.0151				
1844.73	-0.016	191.2	-0.016				
1844.77	-0.017	191	-0.0169				
1844.80	-0.017	190.9	-0.0178				
1844.83	-0.017	190.8	-0.0178				
1844.87	-0.017	190.7	-0.0178				
1844.90	-0.017	190.6	-0.0178				
1844.93	-0.016	190.6	-0.0178				
1844.97	-0.016	190.6	-0.0169				
1845.00	-0.016	190.5	-0.016				
1845.03	-0.014	190.5	-0.0151				
1845.07	-0.014	190.5	-0.0133				
1845.10	-0.012	190.6	-0.0115				
1845.13	-0.01	190.7	-0.0115				
1845.17	-0.01	190.7	-0.0098				
1845.20	-0.01	190.7	-0.0071				
1845.23	-0.008	190.8	-0.0044				
1845.27	-0.005	191	-0.0018				
1845.30	-0.004	191.1	0.0009				
1845.33	-0.003	191.3	0.0036				
1845.37	0.001	191.5	0.0036				
1845.40	0.002	191.5	0.008				
1845.43	0.002	191.7	0.0107				
1845.47	0.004	191.9	0.0151				
1845.50	0.007	192.2	0.0186				
1845.53	0.008	192.3	0.0222				
1845.57	0.01	192.6	0.0257				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1845.60	0.014	192.9	0.0257				
1845.63	0.014	192.9	0.0311				
1845.67	0.014	193.1	0.0337				
1845.70	0.016	193.4	0.0373				
1845.73	0.019	193.7	0.0417				
1845.77	0.02	193.9	0.0444				
1845.80	0.021	194.1	0.047				
1845.83	0.023	194.4	0.047				
1845.87	0.025	194.6	0.0497				
1845.92	0.025	194.8	0.0533				
1845.95	0.026	195	0.0533				
1845.97	0.027	195.2	0.055				
1846.00	0.027	195.2	0.0568				
1846.03	0.027	195.4	0.0586				
1846.07	0.028	195.6	0.0595				
1846.10	0.029	195.8	0.0604				
1846.13	0.029	195.9	0.0604				
1846.17	0.029	196	0.0612				
1846.20	0.029	196.1	0.0612				
1846.23	0.029	196.1	0.0612				
1846.27	0.029	196.2	0.0604				
1846.30	0.028	196.3	0.0595				
1846.33	0.027	196.3	0.0586				
1846.37	0.026	196.3	0.0577				
1846.40	0.025	196.3	0.0559				
1846.43	0.023	196.2	0.0559				
1846.47	0.022	196.2	0.0541				
1846.50	0.022	196.2	0.0524				
1846.53	0.021	196.1	0.0506				
1846.57	0.018	196	0.0479				
1846.60	0.017	195.9	0.0453				
1846.63	0.016	195.7	0.0417				
1846.67	0.012	195.5	0.0417				
1846.70	0.011	195.5	0.0382				
1846.73	0.011	195.4	0.0355				
1846.77	0.01	195.1	0.032				
1846.80	0.006	194.8	0.0275				
1846.83	0.005	194.7	0.024				
1846.87	0.003	194.4	0.0204				
1846.90	0	194.1	0.0204				
1846.93	-0.001	194.1	0.016				
1846.97	-0.001	193.9	0.0124				
1847.00	-0.003	193.6	0.0089				
1847.03	-0.006	193.3	0.0044				
1847.07	-0.007	193.1	0.0018				
1847.10	-0.008	192.9	-0.0018				
1847.13	-0.011	192.6	-0.0018				
1847.17	-0.011	192.6	-0.0044				
1847.20	-0.011	192.3	-0.0071				
1847.23	-0.012	192.1	-0.0098				
1847.27	-0.015	191.8	-0.0124				
1847.30	-0.015	191.6	-0.0133				
1847.33	-0.016	191.4	-0.0151				
1847.38	-0.017	191.2	-0.016				
1847.42	-0.017	191.1	-0.0169				
1847.43	-0.017	190.9	-0.0169				
1847.47	-0.017	190.8	-0.0169				
1847.50	-0.017	190.7	-0.0178				
1847.53	-0.017	190.7	-0.0178				
1847.57	-0.017	190.6	-0.0178				
1847.60	-0.017	190.6	-0.0169				
1847.63	-0.016	190.5	-0.016				
1847.67	-0.015	190.5	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1847.70	-0.014	190.5	-0.0151				
1847.73	-0.013	190.5	-0.0142				
1847.77	-0.013	190.5	-0.0124				
1847.80	-0.012	190.6	-0.0107				
1847.83	-0.01	190.7	-0.0089				
1847.87	-0.009	190.8	-0.0062				
1847.90	-0.007	190.8	-0.0036				
1847.93	-0.005	191	-0.0036				
1847.97	-0.003	191.2	0				
1848.00	-0.003	191.2	0.0027				
1848.03	-0.002	191.3	0.0062				
1848.07	0.001	191.6	0.0098				
1848.10	0.003	191.8	0.0124				
1848.13	0.005	191.9	0.016				
1848.17	0.007	192.2	0.0204				
1848.20	0.01	192.5	0.0204				
1848.23	0.01	192.5	0.024				
1848.27	0.01	192.7	0.0284				
1848.30	0.013	193	0.0328				
1848.33	0.016	193.2	0.0364				
1848.37	0.017	193.4	0.0391				
1848.40	0.019	193.8	0.0426				
1848.43	0.021	194	0.0426				
1848.47	0.022	194	0.0462				
1848.50	0.022	194.2	0.0479				
1848.53	0.023	194.5	0.0506				
1848.57	0.025	194.7	0.0533				
1848.60	0.026	194.9	0.055				
1848.63	0.026	195.1	0.0568				
1848.67	0.028	195.3	0.0568				
1848.70	0.028	195.3	0.0586				
1848.73	0.028	195.5	0.0595				
1848.77	0.029	195.7	0.0604				
1848.82	0.029	195.8	0.0612				
1848.85	0.029	195.9	0.0612				
1848.88	0.029	196	0.0612				
1848.90	0.029	196.1	0.0612				
1848.93	0.028	196.2	0.0612				
1848.97	0.028	196.3	0.0595				
1849.00	0.026	196.3	0.0595				
1849.03	0.025	196.3	0.0586				
1849.07	0.025	196.3	0.0577				
1849.10	0.025	196.3	0.0559				
1849.13	0.023	196.2	0.0541				
1849.17	0.021	196.1	0.0524				
1849.20	0.02	196.1	0.0497				
1849.23	0.018	195.9	0.0497				
1849.27	0.016	195.8	0.0462				
1849.30	0.016	195.8	0.0435				
1849.33	0.015	195.7	0.0408				
1849.37	0.013	195.4	0.0373				
1849.40	0.01	195.2	0.0346				
1849.43	0.009	195	0.0302				
1849.47	0.006	194.8	0.0257				
1849.50	0.003	194.5	0.0257				
1849.53	0.003	194.5	0.0222				
1849.57	0.003	194.4	0.0195				
1849.60	0	194	0.0142				
1849.63	-0.003	193.8	0.0115				
1849.67	-0.004	193.6	0.008				
1849.70	-0.006	193.2	0.0036				
1849.73	-0.008	193	0.0036				
1849.77	-0.008	193	0				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1849.80	-0.009	192.8	-0.0027				
1849.83	-0.011	192.5	-0.0053				
1849.87	-0.013	192.2	-0.008				
1849.90	-0.013	192	-0.0098				
1849.93	-0.014	191.8	-0.0124				
1849.97	-0.016	191.5	-0.0124				
1850.00	-0.016	191.5	-0.0142				
1850.03	-0.016	191.4	-0.0151				
1850.07	-0.016	191.2	-0.016				
1850.10	-0.017	191	-0.0169				
1850.13	-0.017	190.9	-0.0169				
1850.17	-0.017	190.8	-0.0169				
1850.20	-0.017	190.7	-0.0169				
1850.23	-0.017	190.7	-0.0169				
1850.28	-0.016	190.6	-0.016				
1850.32	-0.016	190.5	-0.016				
1850.33	-0.015	190.5	-0.016				
1850.37	-0.015	190.5	-0.0151				
1850.40	-0.014	190.5	-0.0133				
1850.43	-0.012	190.6	-0.0115				
1850.47	-0.011	190.6	-0.0107				
1850.50	-0.01	190.7	-0.008				
1850.53	-0.008	190.8	-0.008				
1850.57	-0.006	190.8	-0.0053				
1850.60	-0.006	190.9	-0.0036				
1850.63	-0.005	191	0				
1850.67	-0.002	191.2	0.0036				
1850.70	-0.001	191.4	0.0062				
1850.73	0.001	191.6	0.0098				
1850.77	0.004	191.9	0.0098				
1850.80	0.006	192	0.0142				
1850.83	0.006	192	0.0178				
1850.87	0.007	192.2	0.0213				
1850.90	0.011	192.6	0.0257				
1850.93	0.012	192.8	0.0293				
1850.97	0.013	193	0.0328				
1851.00	0.016	193.3	0.0328				
1851.03	0.018	193.5	0.0373				
1851.07	0.018	193.5	0.0408				
1851.10	0.019	193.7	0.0435				
1851.13	0.021	194.1	0.047				
1851.17	0.023	194.3	0.0497				
1851.20	0.024	194.5	0.0515				
1851.23	0.025	194.7	0.0541				
1851.27	0.027	195	0.0541				
1851.30	0.027	195	0.0559				
1851.33	0.027	195.1	0.0577				
1851.37	0.027	195.3	0.0586				
1851.40	0.028	195.6	0.0595				
1851.43	0.029	195.7	0.0604				
1851.47	0.029	195.8	0.0604				
1851.50	0.029	196	0.0604				
1851.53	0.029	196	0.0612				
1851.57	0.029	196.1	0.0612				
1851.60	0.029	196.2	0.0612				
1851.63	0.028	196.2	0.0604				
1851.67	0.027	196.2	0.0595				
1851.72	0.026	196.2	0.0577				
1851.75	0.025	196.2	0.0568				
1851.78	0.024	196.2	0.0559				
1851.80	0.023	196.2	0.0533				
1851.83	0.021	196.1	0.0533				
1851.87	0.019	196.1	0.0506				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1851.90	0.019	196	0.0488				
1851.93	0.018	195.9	0.0462				
1851.97	0.015	195.7	0.0426				
1852.00	0.014	195.6	0.0399				
1852.03	0.012	195.4	0.0364				
1852.07	0.009	195.1	0.0364				
1852.10	0.007	195.1	0.0328				
1852.13	0.007	194.9	0.0302				
1852.17	0.006	194.8	0.0249				
1852.20	0.003	194.5	0.0213				
1852.23	0.002	194.2	0.0178				
1852.27	0	194	0.0133				
1852.30	-0.004	193.7	0.0133				
1852.33	-0.005	193.4	0.0098				
1852.37	-0.005	193.4	0.0071				
1852.40	-0.006	193.2	0.0036				
1852.43	-0.009	192.9	0				
1852.47	-0.01	192.7	-0.0027				
1852.50	-0.011	192.4	-0.0062				
1852.53	-0.012	192.1	-0.0062				
1852.57	-0.014	191.9	-0.0089				
1852.60	-0.014	191.9	-0.0107				
1852.63	-0.015	191.7	-0.0124				
1852.67	-0.016	191.5	-0.0142				
1852.70	-0.016	191.3	-0.0151				
1852.73	-0.017	191.2	-0.016				
1852.77	-0.017	191	-0.0169				
1852.80	-0.017	190.8	-0.0169				
1852.83	-0.017	190.8	-0.0178				
1852.87	-0.017	190.7	-0.0178				
1852.90	-0.017	190.6	-0.0178				
1852.93	-0.016	190.6	-0.0169				
1852.97	-0.016	190.5	-0.016				
1853.00	-0.015	190.5	-0.0151				
1853.03	-0.014	190.5	-0.0151				
1853.07	-0.013	190.5	-0.0142				
1853.10	-0.013	190.5	-0.0124				
1853.13	-0.012	190.6	-0.0107				
1853.18	-0.01	190.7	-0.0089				
1853.22	-0.01	190.7	-0.0071				
1853.23	-0.008	190.9	-0.0044				
1853.27	-0.005	191	-0.0018				
1853.30	-0.004	191.1	0.0009				
1853.33	-0.003	191.3	0.0044				
1853.37	0.001	191.5	0.0044				
1853.40	0.002	191.5	0.008				
1853.43	0.002	191.6	0.0115				
1853.47	0.003	191.9	0.0151				
1853.50	0.007	192.1	0.0186				
1853.53	0.009	192.3	0.0222				
1853.57	0.01	192.6	0.0257				
1853.60	0.014	192.9	0.0257				
1853.63	0.014	192.9	0.0311				
1853.67	0.014	193.1	0.0346				
1853.70	0.016	193.4	0.0382				
1853.73	0.019	193.6	0.0426				
1853.77	0.02	193.8	0.0444				
1853.80	0.021	194.1	0.0479				
1853.83	0.024	194.4	0.0479				
1853.87	0.024	194.4	0.0506				
1853.90	0.024	194.6	0.0524				
1853.93	0.025	194.8	0.055				
1853.97	0.027	195	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1854.00	0.027	195.2	0.0586				
1854.03	0.028	195.4	0.0595				
1854.07	0.029	195.6	0.0595				
1854.10	0.029	195.7	0.0604				
1854.13	0.029	195.7	0.0612				
1854.17	0.029	195.9	0.0612				
1854.20	0.029	196	0.0612				
1854.23	0.029	196.1	0.0612				
1854.27	0.028	196.2	0.0612				
1854.30	0.028	196.2	0.0612				
1854.33	0.026	196.2	0.0604				
1854.37	0.026	196.2	0.0586				
1854.40	0.026	196.2	0.0568				
1854.43	0.024	196.1	0.055				
1854.47	0.022	196.1	0.0541				
1854.50	0.022	196.1	0.0515				
1854.53	0.02	195.9	0.0515				
1854.57	0.017	195.8	0.0488				
1854.60	0.017	195.8	0.0462				
1854.65	0.015	195.6	0.0417				
1854.68	0.012	195.4	0.0417				
1854.70	0.011	195.4	0.0391				
1854.73	0.011	195.2	0.0355				
1854.77	0.01	195	0.032				
1854.80	0.006	194.8	0.0284				
1854.83	0.005	194.6	0.024				
1854.87	0.003	194.3	0.0204				
1854.90	0	194	0.0204				
1854.93	-0.001	194	0.016				
1854.97	-0.001	193.8	0.0133				
1855.00	-0.003	193.5	0.0089				
1855.03	-0.006	193.2	0.0053				
1855.07	-0.007	193	0.0027				
1855.10	-0.008	192.7	-0.0018				
1855.13	-0.011	192.5	-0.0018				
1855.17	-0.011	192.5	-0.0044				
1855.20	-0.011	192.3	-0.0071				
1855.23	-0.013	192	-0.0089				
1855.27	-0.015	191.8	-0.0115				
1855.30	-0.015	191.6	-0.0124				
1855.33	-0.016	191.4	-0.0151				
1855.37	-0.017	191.2	-0.0151				
1855.40	-0.017	191.2	-0.016				
1855.43	-0.017	191	-0.016				
1855.47	-0.017	190.9	-0.0169				
1855.50	-0.017	190.8	-0.0169				
1855.53	-0.017	190.7	-0.0169				
1855.57	-0.017	190.6	-0.0169				
1855.60	-0.016	190.5	-0.0169				
1855.63	-0.016	190.5	-0.016				
1855.67	-0.016	190.5	-0.0151				
1855.70	-0.015	190.5	-0.0142				
1855.73	-0.014	190.5	-0.0124				
1855.77	-0.012	190.5	-0.0115				
1855.80	-0.012	190.6	-0.0098				
1855.83	-0.009	190.7	-0.0098				
1855.87	-0.007	190.8	-0.0071				
1855.90	-0.007	190.8	-0.0053				
1855.93	-0.007	190.9	-0.0027				
1855.97	-0.004	191.1	0.0009				
1856.00	-0.002	191.2	0.0036				
1856.03	-0.001	191.4	0.0071				
1856.08	0.002	191.6	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1856.12	0.003	191.8	0.0124				
1856.13	0.004	191.9	0.0169				
1856.17	0.007	192.2	0.0169				
1856.20	0.01	192.4	0.0204				
1856.23	0.01	192.4	0.024				
1856.27	0.011	192.7	0.0293				
1856.30	0.013	193	0.0328				
1856.33	0.016	193.2	0.0355				
1856.37	0.017	193.4	0.0391				
1856.40	0.018	193.7	0.0426				
1856.43	0.021	194	0.0426				
1856.47	0.022	194	0.0462				
1856.50	0.022	194.2	0.0479				
1856.53	0.023	194.4	0.0506				
1856.57	0.025	194.7	0.0533				
1856.60	0.026	194.8	0.055				
1856.63	0.026	195	0.0568				
1856.67	0.028	195.2	0.0568				
1856.70	0.028	195.2	0.0586				
1856.73	0.028	195.4	0.0595				
1856.77	0.028	195.6	0.0604				
1856.80	0.029	195.8	0.0612				
1856.83	0.029	195.9	0.0612				
1856.87	0.029	196	0.0612				
1856.90	0.029	196.1	0.0612				
1856.93	0.028	196.1	0.0612				
1856.97	0.028	196.1	0.0604				
1857.00	0.027	196.2	0.0595				
1857.03	0.026	196.2	0.0586				
1857.07	0.025	196.2	0.0568				
1857.10	0.024	196.2	0.055				
1857.13	0.022	196.1	0.055				
1857.17	0.021	196.1	0.0533				
1857.20	0.021	196	0.0515				
1857.23	0.02	195.9	0.0488				
1857.27	0.016	195.8	0.0453				
1857.30	0.016	195.7	0.0426				
1857.33	0.014	195.5	0.0391				
1857.37	0.01	195.2	0.0391				
1857.40	0.01	195.2	0.0355				
1857.43	0.01	195.1	0.0328				
1857.47	0.008	194.8	0.0293				
1857.50	0.004	194.6	0.024				
1857.55	0.003	194.4	0.0204				
1857.58	0.003	194.2	0.0195				
1857.60	-0.001	193.9	0.0151				
1857.63	-0.002	193.7	0.0115				
1857.67	-0.004	193.5	0.0071				
1857.70	-0.007	193.1	0.0071				
1857.73	-0.008	193.1	0.0036				
1857.77	-0.008	192.9	0.0009				
1857.80	-0.009	192.7	-0.0027				
1857.83	-0.011	192.4	-0.0053				
1857.87	-0.012	192.1	-0.008				
1857.90	-0.013	191.9	-0.0098				
1857.93	-0.014	191.6	-0.0098				
1857.97	-0.016	191.5	-0.0124				
1858.00	-0.016	191.5	-0.0133				
1858.03	-0.016	191.3	-0.0151				
1858.07	-0.017	191.1	-0.016				
1858.10	-0.017	190.9	-0.0169				
1858.13	-0.017	190.8	-0.0169				
1858.17	-0.017	190.7	-0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1858.20	-0.017	190.6	-0.0178				
1858.23	-0.017	190.6	-0.0178				
1858.27	-0.017	190.5	-0.0169				
1858.30	-0.016	190.5	-0.0169				
1858.33	-0.015	190.5	-0.016				
1858.37	-0.015	190.4	-0.0142				
1858.40	-0.014	190.5	-0.0124				
1858.43	-0.011	190.5	-0.0124				
1858.47	-0.011	190.5	-0.0115				
1858.50	-0.011	190.6	-0.0098				
1858.53	-0.009	190.7	-0.0071				
1858.57	-0.006	190.8	-0.0044				
1858.60	-0.006	190.9	-0.0018				
1858.63	-0.004	191.1	0.0018				
1858.67	-0.001	191.3	0.0018				
1858.70	0	191.3	0.0053				
1858.73	0	191.4	0.008				
1858.77	0.002	191.7	0.0115				
1858.80	0.005	191.9	0.0151				
1858.83	0.006	192.1	0.0186				
1858.87	0.008	192.4	0.0231				
1858.90	0.012	192.6	0.0231				
1858.93	0.013	192.6	0.0284				
1858.98	0.014	193	0.0328				
1859.02	0.016	193.2	0.0328				
1859.05	0.017	193.2	0.0364				
1859.07	0.017	193.5	0.0399				
1859.10	0.019	193.8	0.0435				
1859.13	0.022	194	0.047				
1859.17	0.022	194.2	0.0488				
1859.20	0.023	194.5	0.0515				
1859.23	0.026	194.7	0.0515				
1859.27	0.026	194.7	0.0541				
1859.30	0.026	194.9	0.0559				
1859.33	0.027	195.1	0.0577				
1859.37	0.028	195.3	0.0586				
1859.40	0.028	195.5	0.0595				
1859.43	0.028	195.6	0.0604				
1859.47	0.029	195.8	0.0604				
1859.50	0.029	195.8	0.0612				
1859.53	0.029	195.9	0.0612				
1859.57	0.029	196	0.0612				
1859.60	0.028	196.1	0.0612				
1859.63	0.027	196.1	0.0604				
1859.67	0.027	196.2	0.0586				
1859.70	0.026	196.2	0.0586				
1859.73	0.024	196.2	0.0577				
1859.77	0.024	196.2	0.0559				
1859.80	0.023	196.1	0.0541				
1859.83	0.022	196	0.0524				
1859.87	0.02	196	0.0497				
1859.90	0.019	195.9	0.047				
1859.93	0.016	195.7	0.047				
1859.97	0.014	195.5	0.0435				
1860.00	0.014	195.5	0.0417				
1860.03	0.013	195.4	0.0382				
1860.07	0.011	195.1	0.0346				
1860.10	0.008	194.9	0.0311				
1860.13	0.007	194.8	0.0275				
1860.17	0.005	194.4	0.0231				
1860.20	0.002	194.2	0.0231				
1860.23	0.002	194.2	0.0186				
1860.27	0.001	194	0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1860.30	-0.002	193.7	0.0115				
1860.33	-0.005	193.4	0.008				
1860.37	-0.005	193.2	0.0053				
1860.40	-0.007	192.9	0.0009				
1860.45	-0.01	192.6	-0.0018				
1860.48	-0.01	192.4	-0.0036				
1860.50	-0.011	192.2	-0.0062				
1860.53	-0.013	191.9	-0.0062				
1860.57	-0.014	191.9	-0.0089				
1860.60	-0.014	191.8	-0.0107				
1860.63	-0.015	191.5	-0.0124				
1860.67	-0.016	191.3	-0.0142				
1860.70	-0.016	191.2	-0.0151				
1860.73	-0.017	191	-0.016				
1860.77	-0.017	190.8	-0.016				
1860.80	-0.017	190.8	-0.0178				
1860.83	-0.017	190.7	-0.0178				
1860.87	-0.017	190.6	-0.0178				
1860.90	-0.017	190.5	-0.0178				
1860.93	-0.016	190.5	-0.0169				
1860.97	-0.016	190.4	-0.016				
1861.00	-0.015	190.4	-0.016				
1861.03	-0.014	190.4	-0.0151				
1861.07	-0.014	190.4	-0.0142				
1861.10	-0.013	190.4	-0.0115				
1861.13	-0.011	190.5	-0.0098				
1861.17	-0.01	190.6	-0.008				
1861.20	-0.009	190.6	-0.0062				
1861.23	-0.006	190.8	-0.0062				
1861.27	-0.005	190.8	-0.0027				
1861.30	-0.005	190.9	0				
1861.33	-0.004	191.1	0.0027				
1861.37	0	191.3	0.0062				
1861.40	0.001	191.4	0.0089				
1861.43	0.003	191.6	0.0133				
1861.47	0.006	191.9	0.0133				
1861.50	0.008	192.1	0.0178				
1861.53	0.008	192.1	0.0204				
1861.57	0.009	192.4	0.0249				
1861.60	0.012	192.7	0.0293				
1861.63	0.014	192.9	0.0328				
1861.67	0.015	193.1	0.0364				
1861.70	0.017	193.4	0.0364				
1861.73	0.019	193.7	0.0399				
1861.77	0.019	193.7	0.0435				
1861.80	0.02	193.9	0.047				
1861.83	0.022	194.2	0.0497				
1861.88	0.024	194.4	0.0515				
1861.92	0.024	194.6	0.0533				
1861.95	0.025	194.8	0.055				
1861.97	0.027	195	0.0577				
1862.00	0.027	195.2	0.0586				
1862.03	0.028	195.4	0.0595				
1862.07	0.028	195.6	0.0595				
1862.10	0.029	195.6	0.0604				
1862.13	0.029	195.7	0.0612				
1862.17	0.029	195.9	0.0612				
1862.20	0.029	196	0.0612				
1862.23	0.029	196	0.0612				
1862.27	0.028	196.1	0.0612				
1862.30	0.027	196.2	0.0612				
1862.33	0.026	196.2	0.0595				
1862.37	0.026	196.2	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1862.40	0.026	196.2	0.0577				
1862.43	0.024	196.1	0.0559				
1862.47	0.023	196.1	0.0541				
1862.50	0.022	196	0.0515				
1862.53	0.019	195.9	0.0515				
1862.57	0.018	195.9	0.0488				
1862.60	0.018	195.8	0.047				
1862.63	0.017	195.7	0.0444				
1862.67	0.013	195.4	0.0408				
1862.70	0.013	195.3	0.0382				
1862.73	0.01	195	0.0337				
1862.77	0.007	194.8	0.0337				
1862.80	0.006	194.8	0.0302				
1862.83	0.006	194.7	0.0257				
1862.87	0.004	194.4	0.0222				
1862.90	0.001	194.1	0.0186				
1862.93	0	193.9	0.0151				
1862.97	-0.002	193.6	0.0107				
1863.00	-0.005	193.3	0.0107				
1863.03	-0.006	193.3	0.0062				
1863.07	-0.006	193.1	0.0036				
1863.10	-0.008	192.8	0				
1863.13	-0.011	192.5	-0.0036				
1863.17	-0.011	192.3	-0.0053				
1863.20	-0.012	192.1	-0.008				
1863.23	-0.014	191.8	-0.008				
1863.27	-0.015	191.8	-0.0107				
1863.30	-0.015	191.6	-0.0115				
1863.35	-0.016	191.2	-0.0133				
1863.38	-0.016	191.2	-0.0142				
1863.40	-0.016	191.1	-0.0151				
1863.43	-0.017	190.9	-0.016				
1863.47	-0.017	190.8	-0.0169				
1863.50	-0.017	190.7	-0.0178				
1863.53	-0.017	190.5	-0.0178				
1863.57	-0.017	190.5	-0.0178				
1863.60	-0.016	190.4	-0.0169				
1863.63	-0.016	190.4	-0.0169				
1863.67	-0.016	190.4	-0.016				
1863.70	-0.015	190.4	-0.0142				
1863.73	-0.013	190.4	-0.0133				
1863.77	-0.012	190.4	-0.0115				
1863.80	-0.011	190.5	-0.0115				
1863.83	-0.009	190.6	-0.0098				
1863.87	-0.009	190.6	-0.0071				
1863.90	-0.008	190.7	-0.0044				
1863.93	-0.006	190.9	-0.0018				
1863.97	-0.004	191	0.0018				
1864.00	-0.002	191.2	0.0044				
1864.03	0	191.4	0.0044				
1864.07	0.002	191.6	0.0071				
1864.10	0.002	191.6	0.0107				
1864.13	0.004	191.8	0.0151				
1864.17	0.006	192.1	0.0195				
1864.20	0.009	192.3	0.0222				
1864.23	0.01	192.5	0.0275				
1864.27	0.013	192.8	0.0275				
1864.30	0.015	193	0.0311				
1864.33	0.015	193	0.0346				
1864.37	0.016	193.2	0.0382				
1864.40	0.018	193.5	0.0417				
1864.43	0.02	193.8	0.0444				
1864.47	0.021	194	0.0479				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1864.50	0.023	194.3	0.0479				
1864.53	0.025	194.5	0.0506				
1864.57	0.025	194.5	0.0533				
1864.60	0.025	194.7	0.055				
1864.63	0.026	194.9	0.0568				
1864.67	0.028	195.1	0.0586				
1864.70	0.028	195.3	0.0595				
1864.73	0.028	195.5	0.0604				
1864.77	0.029	195.7	0.0604				
1864.82	0.029	195.8	0.0612				
1864.85	0.029	195.9	0.0612				
1864.87	0.029	196	0.0612				
1864.90	0.028	196	0.0612				
1864.93	0.028	196.1	0.0612				
1864.97	0.028	196.1	0.0604				
1865.00	0.027	196.2	0.0595				
1865.03	0.026	196.2	0.0586				
1865.07	0.025	196.2	0.0568				
1865.10	0.023	196.1	0.0568				
1865.13	0.022	196.1	0.055				
1865.17	0.022	196.1	0.0533				
1865.20	0.021	196	0.0506				
1865.23	0.018	195.9	0.0479				
1865.27	0.017	195.8	0.0453				
1865.30	0.016	195.6	0.0426				
1865.33	0.012	195.4	0.0426				
1865.37	0.012	195.4	0.0391				
1865.40	0.012	195.2	0.0364				
1865.43	0.01	195	0.0328				
1865.47	0.006	194.7	0.0284				
1865.50	0.005	194.6	0.0249				
1865.53	0.003	194.3	0.0204				
1865.57	0	194	0.0204				
1865.60	-0.001	194	0.0169				
1865.63	-0.001	193.8	0.0133				
1865.67	-0.003	193.5	0.0089				
1865.70	-0.006	193.2	0.0053				
1865.73	-0.007	193	0.0027				
1865.77	-0.008	192.7	-0.0009				
1865.80	-0.011	192.4	-0.0009				
1865.83	-0.012	192.4	-0.0044				
1865.87	-0.012	192.2	-0.0062				
1865.90	-0.013	192	-0.0089				
1865.93	-0.015	191.7	-0.0115				
1865.97	-0.015	191.5	-0.0124				
1866.00	-0.016	191.3	-0.0142				
1866.03	-0.016	191.2	-0.0142				
1866.07	-0.017	191.2	-0.016				
1866.10	-0.017	191	-0.0169				
1866.13	-0.017	190.8	-0.0169				
1866.17	-0.017	190.7	-0.0169				
1866.20	-0.017	190.6	-0.0169				
1866.25	-0.017	190.5	-0.0169				
1866.28	-0.017	190.4	-0.0169				
1866.32	-0.016	190.4	-0.016				
1866.33	-0.015	190.4	-0.0151				
1866.37	-0.014	190.4	-0.0151				
1866.40	-0.013	190.4	-0.0133				
1866.43	-0.013	190.4	-0.0124				
1866.47	-0.012	190.4	-0.0107				
1866.50	-0.01	190.5	-0.008				
1866.53	-0.008	190.6	-0.0062				
1866.57	-0.007	190.7	-0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1866.60	-0.005	190.9	-0.0009				
1866.63	-0.003	191.1	-0.0009				
1866.67	-0.003	191.1	0.0027				
1866.70	-0.002	191.2	0.0062				
1866.73	0.001	191.5	0.0098				
1866.77	0.003	191.6	0.0133				
1866.80	0.005	191.8	0.0169				
1866.83	0.007	192.1	0.0204				
1866.87	0.01	192.4	0.0204				
1866.90	0.011	192.4	0.0249				
1866.93	0.011	192.6	0.0284				
1866.97	0.013	192.8	0.032				
1867.00	0.016	193.1	0.0364				
1867.03	0.017	193.3	0.0391				
1867.07	0.018	193.6	0.0426				
1867.10	0.021	193.9	0.0426				
1867.13	0.022	193.9	0.0462				
1867.17	0.022	194.1	0.0479				
1867.20	0.023	194.3	0.0506				
1867.23	0.025	194.5	0.0533				
1867.27	0.026	194.7	0.055				
1867.30	0.026	195	0.0568				
1867.33	0.028	195.2	0.0568				
1867.37	0.028	195.2	0.0586				
1867.40	0.028	195.4	0.0595				
1867.43	0.029	195.6	0.0604				
1867.47	0.029	195.7	0.0612				
1867.50	0.029	195.8	0.0612				
1867.53	0.029	195.9	0.0612				
1867.57	0.029	196	0.0612				
1867.60	0.028	196	0.0612				
1867.63	0.028	196.1	0.0604				
1867.67	0.027	196.1	0.0595				
1867.72	0.025	196.1	0.0586				
1867.75	0.025	196.1	0.0577				
1867.77	0.025	196.1	0.0559				
1867.80	0.022	196	0.0533				
1867.83	0.022	196	0.0524				
1867.87	0.02	195.9	0.0497				
1867.90	0.017	195.8	0.0497				
1867.93	0.016	195.8	0.047				
1867.97	0.016	195.7	0.0444				
1868.00	0.015	195.5	0.0408				
1868.03	0.011	195.2	0.0373				
1868.07	0.01	195.1	0.0346				
1868.10	0.009	194.9	0.0302				
1868.13	0.005	194.6	0.0302				
1868.17	0.004	194.4	0.0257				
1868.20	0.004	194.4	0.0231				
1868.23	0.003	194.2	0.0195				
1868.27	-0.001	193.9	0.0142				
1868.30	-0.003	193.7	0.0115				
1868.33	-0.004	193.4	0.008				
1868.37	-0.006	193.1	0.008				
1868.40	-0.008	192.9	0.0044				
1868.43	-0.008	192.9	0.0009				
1868.47	-0.009	192.6	-0.0027				
1868.50	-0.011	192.3	-0.0053				
1868.53	-0.013	192	-0.008				
1868.57	-0.013	191.9	-0.0098				
1868.60	-0.014	191.6	-0.0115				
1868.63	-0.016	191.4	-0.0115				
1868.67	-0.016	191.4	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1868.70	-0.016	191.2	-0.0151				
1868.73	-0.017	191	-0.016				
1868.77	-0.017	190.9	-0.0169				
1868.80	-0.017	190.8	-0.0169				
1868.83	-0.017	190.6	-0.0178				
1868.87	-0.017	190.5	-0.0178				
1868.90	-0.017	190.5	-0.0169				
1868.93	-0.017	190.5	-0.0169				
1868.97	-0.016	190.4	-0.016				
1869.00	-0.015	190.4	-0.0151				
1869.03	-0.015	190.4	-0.0142				
1869.07	-0.014	190.4	-0.0124				
1869.10	-0.011	190.5	-0.0124				
1869.15	-0.011	190.5	-0.0098				
1869.18	-0.01	190.5	-0.008				
1869.22	-0.008	190.7	-0.008				
1869.23	-0.007	190.7	-0.0053				
1869.27	-0.007	190.7	-0.0036				
1869.30	-0.005	190.9	0				
1869.33	-0.001	191.2	0.0044				
1869.37	-0.001	191.2	0.0071				
1869.40	0.001	191.5	0.0107				
1869.43	0.005	191.7	0.0107				
1869.47	0.005	191.7	0.0142				
1869.50	0.005	191.9	0.0178				
1869.53	0.007	192.1	0.0213				
1869.57	0.011	192.4	0.0257				
1869.60	0.012	192.6	0.0302				
1869.63	0.014	192.9	0.0337				
1869.67	0.016	193.2	0.0337				
1869.70	0.018	193.4	0.0373				
1869.73	0.018	193.4	0.0399				
1869.77	0.019	193.6	0.0444				
1869.80	0.022	193.9	0.047				
1869.83	0.022	194.1	0.0497				
1869.87	0.024	194.3	0.0524				
1869.90	0.025	194.6	0.0524				
1869.93	0.026	194.8	0.0541				
1869.97	0.026	194.8	0.0559				
1870.00	0.027	195	0.0577				
1870.03	0.027	195.2	0.0595				
1870.07	0.029	195.4	0.0604				
1870.10	0.029	195.6	0.0604				
1870.13	0.029	195.7	0.0612				
1870.17	0.029	195.8	0.0612				
1870.20	0.029	195.8	0.0612				
1870.23	0.029	195.9	0.0612				
1870.27	0.029	196	0.0612				
1870.30	0.028	196	0.0604				
1870.33	0.027	196.1	0.0586				
1870.37	0.026	196.1	0.0577				
1870.40	0.024	196.1	0.0577				
1870.43	0.023	196.1	0.0559				
1870.47	0.023	196	0.055				
1870.50	0.023	196	0.0524				
1870.53	0.02	195.9	0.0497				
1870.57	0.019	195.8	0.0479				
1870.62	0.017	195.7	0.0444				
1870.65	0.015	195.5	0.0435				
1870.67	0.014	195.4	0.0399				
1870.70	0.013	195.2	0.0364				
1870.73	0.009	194.9	0.0364				
1870.77	0.007	194.9	0.0328				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1870.80	0.007	194.8	0.0293				
1870.83	0.006	194.6	0.0249				
1870.87	0.002	194.3	0.0213				
1870.90	0.002	194.1	0.0178				
1870.93	0	193.8	0.0142				
1870.97	-0.004	193.5	0.0142				
1871.00	-0.004	193.5	0.0098				
1871.03	-0.004	193.3	0.0062				
1871.07	-0.006	193	0.0027				
1871.10	-0.009	192.7	-0.0009				
1871.13	-0.01	192.5	-0.0036				
1871.17	-0.011	192.3	-0.0062				
1871.20	-0.013	192	-0.0062				
1871.23	-0.014	191.7	-0.0089				
1871.27	-0.014	191.7	-0.0107				
1871.30	-0.014	191.6	-0.0124				
1871.33	-0.016	191.3	-0.0142				
1871.37	-0.016	191.2	-0.0151				
1871.40	-0.017	191	-0.016				
1871.43	-0.017	190.8	-0.016				
1871.47	-0.017	190.7	-0.0169				
1871.50	-0.017	190.7	-0.0178				
1871.53	-0.017	190.6	-0.0178				
1871.57	-0.017	190.5	-0.0169				
1871.60	-0.016	190.4	-0.0169				
1871.63	-0.016	190.4	-0.016				
1871.67	-0.015	190.4	-0.016				
1871.70	-0.014	190.4	-0.0151				
1871.73	-0.014	190.4	-0.0142				
1871.77	-0.013	190.4	-0.0115				
1871.80	-0.012	190.5	-0.0098				
1871.83	-0.01	190.5	-0.008				
1871.87	-0.009	190.6	-0.0062				
1871.90	-0.007	190.8	-0.0027				
1871.93	-0.004	190.9	-0.0027				
1871.97	-0.004	190.9	0				
1872.00	-0.004	191	0.0027				
1872.03	-0.002	191.3	0.0062				
1872.08	0.002	191.5	0.0098				
1872.12	0.002	191.6	0.0124				
1872.13	0.004	191.8	0.0151				
1872.17	0.007	192	0.0195				
1872.20	0.008	192.2	0.0222				
1872.23	0.01	192.5	0.0275				
1872.27	0.014	192.8	0.0275				
1872.30	0.014	192.8	0.0311				
1872.33	0.014	193	0.0346				
1872.37	0.016	193.3	0.0382				
1872.40	0.019	193.5	0.0426				
1872.43	0.02	193.7	0.0444				
1872.47	0.021	194	0.0479				
1872.50	0.024	194.2	0.0479				
1872.53	0.024	194.2	0.0506				
1872.57	0.024	194.4	0.0533				
1872.60	0.025	194.6	0.055				
1872.63	0.027	194.9	0.0568				
1872.67	0.027	195	0.0577				
1872.70	0.028	195.2	0.0595				
1872.73	0.029	195.4	0.0595				
1872.77	0.029	195.4	0.0604				
1872.80	0.029	195.6	0.0612				
1872.83	0.029	195.7	0.0612				
1872.87	0.029	195.8	0.0612				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1872.90	0.028	195.9	0.0612				
1872.93	0.028	196	0.0612				
1872.97	0.027	196	0.0612				
1873.00	0.026	196	0.0604				
1873.03	0.026	196.1	0.0595				
1873.07	0.026	196.1	0.0577				
1873.10	0.024	196.1	0.0559				
1873.13	0.023	196	0.0541				
1873.17	0.022	196	0.0524				
1873.20	0.02	195.8	0.0524				
1873.23	0.017	195.7	0.0488				
1873.27	0.017	195.7	0.047				
1873.30	0.016	195.6	0.0444				
1873.33	0.014	195.4	0.0408				
1873.37	0.012	195.2	0.0382				
1873.40	0.01	195	0.0337				
1873.43	0.008	194.7	0.0337				
1873.47	0.005	194.6	0.0302				
1873.52	0.004	194.4	0.024				
1873.55	0.003	194.2	0.0213				
1873.57	0	193.9	0.0213				
1873.60	0	193.9	0.0169				
1873.63	-0.001	193.7	0.0124				
1873.67	-0.004	193.4	0.0089				
1873.70	-0.006	193.1	0.0053				
1873.73	-0.007	192.9	0.0018				
1873.77	-0.009	192.6	-0.0018				
1873.80	-0.011	192.3	-0.0018				
1873.83	-0.011	192.3	-0.0044				
1873.87	-0.011	192.1	-0.0062				
1873.90	-0.013	191.8	-0.0089				
1873.93	-0.015	191.6	-0.0115				
1873.97	-0.015	191.4	-0.0124				
1874.00	-0.016	191.2	-0.0142				
1874.03	-0.017	191.1	-0.0142				
1874.07	-0.017	191.1	-0.016				
1874.10	-0.017	190.9	-0.016				
1874.13	-0.017	190.8	-0.016				
1874.17	-0.017	190.6	-0.0169				
1874.20	-0.017	190.5	-0.0169				
1874.23	-0.017	190.4	-0.0169				
1874.27	-0.016	190.4	-0.0169				
1874.30	-0.016	190.4	-0.016				
1874.33	-0.016	190.4	-0.0151				
1874.37	-0.015	190.4	-0.0142				
1874.40	-0.013	190.4	-0.0124				
1874.43	-0.013	190.4	-0.0115				
1874.47	-0.011	190.5	-0.0089				
1874.50	-0.009	190.6	-0.0089				
1874.53	-0.008	190.6	-0.0071				
1874.57	-0.008	190.6	-0.0053				
1874.60	-0.006	190.8	-0.0018				
1874.63	-0.004	191	0.0009				
1874.67	-0.002	191.1	0.0036				
1874.70	-0.001	191.3	0.008				
1874.73	0.003	191.5	0.008				
1874.77	0.004	191.5	0.0115				
1874.80	0.004	191.7	0.0151				
1874.83	0.005	191.9	0.0186				
1874.87	0.009	192.2	0.0231				
1874.90	0.01	192.4	0.0257				
1874.93	0.012	192.7	0.0311				
1874.98	0.015	193	0.0346				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1875.02	0.015	193.1	0.0364				
1875.03	0.017	193.4	0.0399				
1875.07	0.02	193.6	0.0399				
1875.10	0.02	193.6	0.0435				
1875.13	0.02	193.8	0.0462				
1875.17	0.022	194.1	0.0488				
1875.20	0.024	194.3	0.0524				
1875.23	0.025	194.5	0.0541				
1875.27	0.026	194.8	0.0568				
1875.30	0.027	195	0.0568				
1875.33	0.028	195.1	0.0577				
1875.37	0.028	195.1	0.0586				
1875.40	0.028	195.3	0.0595				
1875.43	0.028	195.5	0.0604				
1875.47	0.029	195.7	0.0612				
1875.50	0.029	195.8	0.0612				
1875.53	0.029	195.9	0.0612				
1875.57	0.028	196	0.0612				
1875.60	0.028	196	0.0612				
1875.63	0.028	196.1	0.0604				
1875.67	0.027	196.1	0.0595				
1875.70	0.026	196.1	0.0586				
1875.73	0.025	196.1	0.0568				
1875.77	0.024	196	0.055				
1875.80	0.022	196	0.055				
1875.83	0.022	196	0.0533				
1875.87	0.021	195.9	0.0506				
1875.90	0.019	195.8	0.0479				
1875.93	0.016	195.6	0.0453				
1875.97	0.016	195.6	0.0426				
1876.00	0.013	195.3	0.0391				
1876.03	0.011	195.1	0.0391				
1876.07	0.011	195.1	0.0364				
1876.10	0.01	194.9	0.0328				
1876.13	0.007	194.7	0.0293				
1876.17	0.004	194.4	0.0249				
1876.20	0.003	194.3	0.0204				
1876.23	0.001	193.9	0.0169				
1876.27	-0.002	193.7	0.0169				
1876.30	-0.002	193.7	0.0133				
1876.33	-0.003	193.5	0.0089				
1876.37	-0.005	193.1	0.0053				
1876.42	-0.008	192.9	0.0018				
1876.45	-0.008	192.7	0				
1876.48	-0.009	192.4	-0.0027				
1876.50	-0.012	192.2	-0.0053				
1876.53	-0.012	192	-0.0071				
1876.57	-0.013	191.7	-0.0098				
1876.60	-0.015	191.5	-0.0098				
1876.63	-0.015	191.5	-0.0115				
1876.67	-0.015	191.3	-0.0133				
1876.70	-0.016	191.2	-0.0142				
1876.73	-0.017	191	-0.016				
1876.77	-0.017	190.8	-0.016				
1876.80	-0.017	190.7	-0.0169				
1876.83	-0.017	190.6	-0.0169				
1876.87	-0.017	190.6	-0.0169				
1876.90	-0.017	190.5	-0.0169				
1876.93	-0.017	190.4	-0.0169				
1876.97	-0.016	190.4	-0.016				
1877.00	-0.015	190.3	-0.0151				
1877.03	-0.015	190.3	-0.0133				
1877.07	-0.012	190.4	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1877.10	-0.012	190.4	-0.0115				
1877.13	-0.012	190.4	-0.0107				
1877.17	-0.011	190.4	-0.0089				
1877.20	-0.008	190.6	-0.0062				
1877.23	-0.007	190.6	-0.0036				
1877.27	-0.006	190.8	-0.0009				
1877.30	-0.003	191	-0.0009				
1877.33	-0.002	191.2	0.0027				
1877.37	-0.002	191.2	0.0053				
1877.40	0	191.3	0.0089				
1877.43	0.003	191.6	0.0133				
1877.47	0.005	191.8	0.016				
1877.50	0.006	192	0.0204				
1877.53	0.009	192.3	0.0204				
1877.57	0.011	192.5	0.0249				
1877.60	0.011	192.5	0.0284				
1877.63	0.012	192.7	0.0328				
1877.67	0.016	193	0.0364				
1877.70	0.017	193.2	0.0391				
1877.73	0.018	193.5	0.0435				
1877.77	0.021	193.8	0.0435				
1877.80	0.022	194	0.0462				
1877.83	0.022	194	0.0488				
1877.88	0.024	194.4	0.0515				
1877.92	0.025	194.6	0.0524				
1877.93	0.025	194.6	0.0541				
1877.97	0.026	194.8	0.0568				
1878.00	0.027	195	0.0586				
1878.03	0.028	195.2	0.0595				
1878.07	0.028	195.4	0.0604				
1878.10	0.029	195.6	0.0612				
1878.13	0.029	195.7	0.0612				
1878.17	0.029	195.7	0.0612				
1878.20	0.029	195.8	0.0621				
1878.23	0.029	195.9	0.0621				
1878.27	0.028	196	0.0612				
1878.30	0.027	196	0.0604				
1878.33	0.027	196.1	0.0595				
1878.37	0.025	196.1	0.0595				
1878.40	0.025	196.1	0.0586				
1878.43	0.025	196.1	0.0568				
1878.47	0.024	196	0.055				
1878.50	0.021	195.9	0.0524				
1878.53	0.02	195.9	0.0506				
1878.57	0.019	195.7	0.0479				
1878.60	0.015	195.6	0.0479				
1878.63	0.015	195.6	0.0444				
1878.67	0.015	195.5	0.0417				
1878.70	0.013	195.2	0.0382				
1878.73	0.009	195	0.0337				
1878.77	0.009	194.8	0.032				
1878.80	0.007	194.6	0.0284				
1878.83	0.004	194.3	0.0284				
1878.87	0.002	194.3	0.0231				
1878.90	0.002	194.1	0.0195				
1878.93	0.001	193.9	0.016				
1878.97	-0.003	193.6	0.0115				
1879.00	-0.004	193.4	0.0089				
1879.03	-0.005	193.1	0.0053				
1879.07	-0.008	192.8	0.0053				
1879.10	-0.009	192.8	0.0009				
1879.13	-0.009	192.6	-0.0018				
1879.17	-0.01	192.3	-0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1879.20	-0.013	192	-0.008				
1879.23	-0.013	191.8	-0.0089				
1879.27	-0.014	191.6	-0.0115				
1879.32	-0.016	191.3	-0.0133				
1879.35	-0.016	191.2	-0.0142				
1879.38	-0.016	191	-0.0142				
1879.40	-0.017	190.9	-0.0142				
1879.43	-0.017	190.9	-0.016				
1879.47	-0.017	190.7	-0.016				
1879.50	-0.017	190.6	-0.0169				
1879.53	-0.017	190.5	-0.0169				
1879.57	-0.017	190.4	-0.0169				
1879.60	-0.016	190.4	-0.016				
1879.63	-0.016	190.3	-0.016				
1879.67	-0.015	190.3	-0.0151				
1879.70	-0.015	190.3	-0.0142				
1879.73	-0.014	190.3	-0.0124				
1879.77	-0.012	190.4	-0.0115				
1879.80	-0.011	190.4	-0.0098				
1879.83	-0.01	190.5	-0.0071				
1879.87	-0.008	190.6	-0.0071				
1879.90	-0.006	190.7	-0.0044				
1879.93	-0.006	190.7	-0.0027				
1879.97	-0.005	190.8	0.0009				
1880.00	-0.002	191.1	0.0044				
1880.03	0	191.2	0.0071				
1880.07	0.001	191.4	0.0107				
1880.10	0.003	191.7	0.0107				
1880.13	0.006	191.9	0.0151				
1880.17	0.006	191.9	0.0178				
1880.20	0.007	192.1	0.0222				
1880.23	0.01	192.4	0.0257				
1880.27	0.013	192.6	0.0302				
1880.30	0.013	192.8	0.0337				
1880.33	0.016	193.1	0.0373				
1880.37	0.018	193.4	0.0373				
1880.40	0.018	193.4	0.0408				
1880.43	0.019	193.6	0.0435				
1880.47	0.021	193.9	0.047				
1880.50	0.023	194.1	0.0506				
1880.53	0.024	194.3	0.0524				
1880.57	0.025	194.6	0.055				
1880.60	0.026	194.8	0.055				
1880.63	0.027	194.8	0.0568				
1880.67	0.027	194.9	0.0577				
1880.70	0.027	195.1	0.0595				
1880.73	0.029	195.4	0.0604				
1880.78	0.028	195.5	0.0612				
1880.82	0.029	195.7	0.0612				
1880.83	0.029	195.8	0.0621				
1880.87	0.029	195.9	0.0621				
1880.90	0.029	196	0.0621				
1880.93	0.028	196	0.0621				
1880.97	0.027	196	0.0612				
1881.00	0.027	196.1	0.0604				
1881.03	0.027	196.1	0.0595				
1881.07	0.025	196.1	0.0577				
1881.10	0.024	196	0.0559				
1881.13	0.023	196	0.0541				
1881.17	0.021	195.9	0.0541				
1881.20	0.019	195.8	0.0515				
1881.23	0.019	195.8	0.0497				
1881.27	0.018	195.7	0.047				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1881.30	0.015	195.5	0.0435				
1881.33	0.014	195.4	0.0408				
1881.37	0.012	195.2	0.0373				
1881.40	0.009	194.9	0.0373				
1881.43	0.007	194.7	0.0337				
1881.47	0.007	194.7	0.0311				
1881.50	0.006	194.6	0.0257				
1881.53	0.003	194.3	0.0213				
1881.57	0.001	194	0.0178				
1881.60	0	193.8	0.0142				
1881.63	-0.003	193.5	0.0142				
1881.67	-0.005	193.2	0.0107				
1881.70	-0.005	193.2	0.0071				
1881.73	-0.006	193	0.0044				
1881.77	-0.008	192.7	0				
1881.80	-0.01	192.4	-0.0027				
1881.83	-0.011	192.2	-0.0053				
1881.87	-0.012	191.9	-0.008				
1881.90	-0.014	191.7	-0.008				
1881.93	-0.015	191.7	-0.0098				
1881.97	-0.015	191.5	-0.0115				
1882.00	-0.015	191.3	-0.0133				
1882.03	-0.016	191.1	-0.0151				
1882.07	-0.017	190.9	-0.016				
1882.10	-0.017	190.8	-0.016				
1882.13	-0.017	190.7	-0.016				
1882.17	-0.017	190.7	-0.0169				
1882.20	-0.017	190.5	-0.0169				
1882.25	-0.017	190.4	-0.0169				
1882.28	-0.016	190.4	-0.016				
1882.30	-0.016	190.3	-0.016				
1882.33	-0.016	190.3	-0.0151				
1882.37	-0.014	190.3	-0.0142				
1882.40	-0.014	190.3	-0.0124				
1882.43	-0.013	190.4	-0.0107				
1882.47	-0.01	190.4	-0.0107				
1882.50	-0.009	190.4	-0.0089				
1882.53	-0.009	190.5	-0.0071				
1882.57	-0.008	190.6	-0.0044				
1882.60	-0.005	190.8	-0.0009				
1882.63	-0.004	190.9	0.0009				
1882.67	-0.003	191.1	0.0053				
1882.70	0.001	191.3	0.0053				
1882.73	0.002	191.3	0.008				
1882.77	0.002	191.5	0.0115				
1882.80	0.004	191.7	0.016				
1882.83	0.007	191.9	0.0195				
1882.87	0.008	192.1	0.0231				
1882.90	0.01	192.4	0.0275				
1882.93	0.013	192.7	0.0275				
1882.97	0.015	192.9	0.032				
1883.00	0.015	192.9	0.0355				
1883.03	0.016	193.1	0.0391				
1883.07	0.019	193.4	0.0426				
1883.10	0.02	193.6	0.0444				
1883.13	0.021	193.9	0.0479				
1883.17	0.023	194.2	0.0479				
1883.20	0.024	194.4	0.0506				
1883.23	0.024	194.4	0.0533				
1883.27	0.025	194.6	0.0559				
1883.30	0.026	194.8	0.0577				
1883.33	0.027	195	0.0586				
1883.37	0.028	195.2	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1883.40	0.028	195.4	0.0604				
1883.43	0.029	195.6	0.0604				
1883.47	0.029	195.6	0.0612				
1883.50	0.029	195.7	0.0612				
1883.53	0.029	195.8	0.0612				
1883.57	0.029	195.9	0.0612				
1883.60	0.028	196	0.0612				
1883.63	0.028	196	0.0604				
1883.68	0.026	196	0.0595				
1883.72	0.026	196.1	0.0595				
1883.75	0.025	196	0.0568				
1883.77	0.023	196	0.0568				
1883.80	0.022	196	0.055				
1883.83	0.022	195.9	0.0533				
1883.87	0.021	195.9	0.0515				
1883.90	0.018	195.7	0.0488				
1883.93	0.017	195.6	0.0462				
1883.97	0.016	195.5	0.0435				
1884.00	0.012	195.2	0.0435				
1884.03	0.011	195.2	0.0399				
1884.07	0.011	195.1	0.0364				
1884.10	0.01	194.9	0.0328				
1884.13	0.006	194.6	0.0293				
1884.17	0.005	194.5	0.0257				
1884.20	0.004	194.2	0.0213				
1884.23	0	193.9	0.0213				
1884.27	-0.001	193.9	0.0169				
1884.30	-0.001	193.7	0.0133				
1884.33	-0.003	193.4	0.0098				
1884.37	-0.006	193.1	0.0053				
1884.40	-0.007	192.9	0.0027				
1884.43	-0.008	192.6	0				
1884.47	-0.011	192.3	0				
1884.50	-0.012	192.3	-0.0036				
1884.53	-0.012	192.1	-0.0062				
1884.57	-0.013	191.9	-0.0089				
1884.60	-0.015	191.6	-0.0107				
1884.63	-0.015	191.4	-0.0124				
1884.67	-0.016	191.2	-0.0133				
1884.70	-0.017	191	-0.0133				
1884.73	-0.017	191	-0.0151				
1884.77	-0.017	190.9	-0.0151				
1884.80	-0.017	190.7	-0.016				
1884.83	-0.017	190.6	-0.0169				
1884.87	-0.017	190.5	-0.016				
1884.90	-0.017	190.4	-0.016				
1884.93	-0.016	190.4	-0.016				
1884.97	-0.016	190.4	-0.016				
1885.00	-0.016	190.3	-0.0151				
1885.03	-0.015	190.3	-0.0133				
1885.07	-0.013	190.3	-0.0124				
1885.10	-0.012	190.3	-0.0107				
1885.15	-0.012	190.4	-0.0089				
1885.18	-0.01	190.4	-0.008				
1885.20	-0.009	190.5	-0.0062				
1885.23	-0.007	190.6	-0.0036				
1885.27	-0.005	190.8	-0.0036				
1885.30	-0.003	190.9	0				
1885.33	-0.003	190.9	0.0027				
1885.37	-0.002	191.1	0.0062				
1885.40	0.001	191.3	0.0098				
1885.43	0.003	191.5	0.0133				
1885.47	0.004	191.7	0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1885.50	0.007	192	0.0169				
1885.53	0.01	192.2	0.0204				
1885.57	0.01	192.2	0.024				
1885.60	0.011	192.4	0.0293				
1885.63	0.013	192.7	0.0328				
1885.67	0.016	193	0.0364				
1885.70	0.017	193.2	0.0399				
1885.73	0.019	193.5	0.0435				
1885.77	0.021	193.7	0.0435				
1885.80	0.021	193.7	0.0462				
1885.83	0.022	193.9	0.0488				
1885.87	0.023	194.2	0.0515				
1885.90	0.025	194.4	0.0541				
1885.93	0.026	194.6	0.0559				
1885.97	0.026	194.8	0.0577				
1886.00	0.028	195	0.0577				
1886.03	0.028	195	0.0586				
1886.07	0.028	195.2	0.0604				
1886.10	0.028	195.4	0.0612				
1886.13	0.029	195.6	0.0621				
1886.17	0.029	195.7	0.0621				
1886.20	0.029	195.8	0.0612				
1886.23	0.028	195.9	0.0612				
1886.27	0.028	195.9	0.0612				
1886.30	0.028	196	0.0612				
1886.33	0.027	196	0.0595				
1886.37	0.026	196	0.0586				
1886.40	0.025	196	0.0577				
1886.43	0.024	196	0.0559				
1886.47	0.022	195.9	0.0559				
1886.50	0.021	195.9	0.0533				
1886.53	0.021	195.8	0.0515				
1886.58	0.018	195.6	0.0488				
1886.62	0.016	195.5	0.047				
1886.65	0.016	195.5	0.0453				
1886.67	0.015	195.4	0.0417				
1886.70	0.012	195.1	0.0382				
1886.73	0.01	194.9	0.0355				
1886.77	0.009	194.7	0.0311				
1886.80	0.006	194.5	0.0311				
1886.83	0.004	194.3	0.0275				
1886.87	0.004	194.3	0.0231				
1886.90	0.002	194.1	0.0195				
1886.93	0	193.8	0.016				
1886.97	-0.002	193.5	0.0124				
1887.00	-0.004	193.3	0.0089				
1887.03	-0.006	193	0.0089				
1887.07	-0.007	192.7	0.0044				
1887.10	-0.007	192.7	0.0018				
1887.13	-0.009	192.5	-0.0018				
1887.17	-0.011	192.2	-0.0053				
1887.20	-0.013	191.9	-0.0071				
1887.23	-0.013	191.7	-0.0098				
1887.27	-0.014	191.5	-0.0115				
1887.30	-0.015	191.3	-0.0115				
1887.33	-0.015	191.3	-0.0133				
1887.37	-0.016	191.1	-0.0142				
1887.40	-0.017	190.9	-0.0151				
1887.43	-0.017	190.8	-0.016				
1887.47	-0.017	190.6	-0.0169				
1887.50	-0.017	190.5	-0.0169				
1887.53	-0.017	190.4	-0.0169				
1887.57	-0.017	190.4	-0.0169				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1887.60	-0.017	190.3	-0.016				
1887.63	-0.016	190.3	-0.0151				
1887.67	-0.015	190.3	-0.0151				
1887.70	-0.014	190.3	-0.0133				
1887.73	-0.013	190.3	-0.0115				
1887.77	-0.011	190.3	-0.0115				
1887.80	-0.011	190.3	-0.0098				
1887.83	-0.011	190.4	-0.008				
1887.87	-0.009	190.5	-0.0053				
1887.90	-0.007	190.6	-0.0036				
1887.93	-0.006	190.7	-0.0009				
1887.97	-0.004	190.9	0.0027				
1888.00	-0.001	191.1	0.0027				
1888.05	0	191.3	0.008				
1888.08	0.001	191.4	0.0107				
1888.10	0.004	191.6	0.0107				
1888.13	0.005	191.6	0.0142				
1888.17	0.005	191.8	0.0186				
1888.20	0.007	192.1	0.0231				
1888.23	0.011	192.3	0.0275				
1888.27	0.012	192.5	0.0311				
1888.30	0.013	192.8	0.0346				
1888.33	0.017	193.1	0.0346				
1888.37	0.017	193.1	0.0382				
1888.40	0.017	193.3	0.0408				
1888.43	0.019	193.6	0.0435				
1888.47	0.022	193.8	0.0479				
1888.50	0.023	194	0.0497				
1888.53	0.024	194.3	0.0524				
1888.57	0.026	194.5	0.0524				
1888.60	0.026	194.5	0.055				
1888.63	0.026	194.7	0.0568				
1888.67	0.027	194.9	0.0586				
1888.70	0.028	195.1	0.0595				
1888.73	0.028	195.3	0.0604				
1888.77	0.028	195.4	0.0612				
1888.80	0.029	195.6	0.0612				
1888.83	0.029	195.6	0.0612				
1888.87	0.029	195.7	0.0621				
1888.90	0.029	195.8	0.0621				
1888.93	0.028	195.9	0.0621				
1888.97	0.027	195.9	0.0604				
1889.00	0.027	196	0.0595				
1889.03	0.025	196	0.0595				
1889.07	0.025	196	0.0586				
1889.10	0.025	196	0.0568				
1889.13	0.024	195.9	0.055				
1889.17	0.021	195.8	0.0524				
1889.20	0.02	195.8	0.0506				
1889.23	0.019	195.7	0.0479				
1889.27	0.016	195.5	0.0479				
1889.30	0.014	195.5	0.0444				
1889.33	0.014	195.3	0.0426				
1889.37	0.014	195.2	0.0391				
1889.40	0.01	194.9	0.0355				
1889.43	0.008	194.8	0.032				
1889.48	0.007	194.6	0.0284				
1889.52	0.005	194.4	0.0257				
1889.55	0.003	194.2	0.0222				
1889.57	0.001	193.9	0.0178				
1889.60	-0.001	193.6	0.0178				
1889.63	-0.003	193.4	0.0133				
1889.67	-0.003	193.4	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1889.70	-0.004	193.1	0.0071				
1889.73	-0.007	192.8	0.0036				
1889.77	-0.009	192.6	0				
1889.80	-0.01	192.3	-0.0036				
1889.83	-0.011	192	-0.0036				
1889.87	-0.013	191.8	-0.0062				
1889.90	-0.013	191.8	-0.008				
1889.93	-0.014	191.6	-0.0098				
1889.97	-0.015	191.3	-0.0124				
1890.00	-0.016	191.2	-0.0133				
1890.03	-0.016	191	-0.0142				
1890.07	-0.017	190.8	-0.016				
1890.10	-0.017	190.7	-0.016				
1890.13	-0.017	190.7	-0.0169				
1890.17	-0.017	190.5	-0.0169				
1890.20	-0.017	190.4	-0.0169				
1890.23	-0.017	190.3	-0.0169				
1890.27	-0.017	190.3	-0.016				
1890.30	-0.016	190.3	-0.0151				
1890.33	-0.015	190.3	-0.0151				
1890.37	-0.014	190.3	-0.0142				
1890.40	-0.014	190.2	-0.0133				
1890.43	-0.013	190.3	-0.0115				
1890.47	-0.011	190.4	-0.0089				
1890.50	-0.01	190.4	-0.008				
1890.53	-0.009	190.5	-0.0044				
1890.57	-0.006	190.6	-0.0044				
1890.60	-0.005	190.6	-0.0018				
1890.63	-0.005	190.8	0				
1890.67	-0.003	191	0.0036				
1890.70	0	191.2	0.0071				
1890.73	0.001	191.3	0.0107				
1890.77	0.003	191.5	0.0142				
1890.80	0.006	191.8	0.0142				
1890.83	0.008	191.8	0.0186				
1890.87	0.008	192	0.0222				
1890.90	0.009	192.2	0.0257				
1890.95	0.013	192.7	0.0302				
1890.98	0.013	192.7	0.032				
1891.00	0.014	192.9	0.0364				
1891.03	0.017	193.2	0.0399				
1891.07	0.019	193.4	0.0426				
1891.10	0.02	193.6	0.0462				
1891.13	0.022	193.9	0.0462				
1891.17	0.023	194.1	0.0488				
1891.20	0.023	194.1	0.0515				
1891.23	0.024	194.4	0.0541				
1891.27	0.026	194.6	0.0559				
1891.30	0.027	194.8	0.0577				
1891.33	0.027	195	0.0586				
1891.37	0.028	195.1	0.0595				
1891.40	0.029	195.3	0.0595				
1891.43	0.029	195.3	0.0612				
1891.47	0.029	195.5	0.0612				
1891.50	0.029	195.6	0.0612				
1891.53	0.029	195.8	0.0621				
1891.57	0.029	195.9	0.0621				
1891.60	0.028	195.9	0.0612				
1891.63	0.027	196	0.0612				
1891.67	0.026	196	0.0604				
1891.70	0.026	196	0.0595				
1891.73	0.026	195.9	0.0577				
1891.77	0.024	195.9	0.0559				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1891.80	0.023	195.9	0.0541				
1891.83	0.022	195.8	0.0524				
1891.87	0.019	195.7	0.0524				
1891.90	0.018	195.7	0.0488				
1891.93	0.018	195.6	0.047				
1891.97	0.017	195.4	0.0444				
1892.00	0.013	195.2	0.0408				
1892.03	0.012	195.1	0.0382				
1892.07	0.011	194.9	0.0346				
1892.10	0.007	194.6	0.0346				
1892.13	0.006	194.6	0.0302				
1892.17	0.006	194.5	0.0275				
1892.20	0.004	194.2	0.0222				
1892.23	0	193.9	0.0178				
1892.27	0	193.7	0.0151				
1892.30	-0.002	193.4	0.0107				
1892.33	-0.005	193.1	0.0107				
1892.37	-0.006	193.1	0.0071				
1892.42	-0.007	192.7	0.0018				
1892.45	-0.009	192.5	0.0018				
1892.47	-0.01	192.5	-0.0009				
1892.50	-0.01	192.2	-0.0036				
1892.53	-0.012	192	-0.0071				
1892.57	-0.014	191.7	-0.0089				
1892.60	-0.014	191.5	-0.0107				
1892.63	-0.015	191.3	-0.0124				
1892.67	-0.016	191.1	-0.0124				
1892.70	-0.016	191.1	-0.0142				
1892.73	-0.016	190.9	-0.0151				
1892.77	-0.017	190.7	-0.016				
1892.80	-0.017	190.6	-0.0169				
1892.83	-0.017	190.5	-0.0169				
1892.87	-0.017	190.4	-0.0169				
1892.90	-0.017	190.3	-0.0169				
1892.93	-0.016	190.3	-0.016				
1892.97	-0.016	190.3	-0.016				
1893.00	-0.016	190.2	-0.0142				
1893.03	-0.015	190.3	-0.0133				
1893.07	-0.013	190.2	-0.0124				
1893.10	-0.012	190.3	-0.0107				
1893.13	-0.011	190.4	-0.008				
1893.17	-0.009	190.5	-0.008				
1893.20	-0.009	190.5	-0.0062				
1893.23	-0.008	190.5	-0.0036				
1893.27	-0.006	190.7	-0.0009				
1893.30	-0.004	190.8	0.0018				
1893.33	-0.003	191	0.0044				
1893.37	0	191.2	0.008				
1893.40	0.002	191.4	0.008				
1893.43	0.004	191.4	0.0115				
1893.47	0.004	191.6	0.0151				
1893.50	0.006	191.8	0.0186				
1893.53	0.009	192.1	0.0231				
1893.57	0.01	192.2	0.0257				
1893.60	0.012	192.6	0.0311				
1893.63	0.015	192.8	0.0311				
1893.67	0.016	192.8	0.0355				
1893.70	0.016	193	0.0382				
1893.73	0.017	193.3	0.0417				
1893.77	0.021	193.6	0.0453				
1893.80	0.021	193.8	0.047				
1893.85	0.022	194.1	0.0506				
1893.88	0.024	194.2	0.0515				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1893.92	0.025	194.4	0.055				
1893.93	0.025	194.7	0.0568				
1893.97	0.027	194.9	0.0568				
1894.00	0.028	194.9	0.0586				
1894.03	0.028	195	0.0595				
1894.07	0.028	195.2	0.0604				
1894.10	0.029	195.4	0.0612				
1894.13	0.029	195.6	0.0612				
1894.17	0.029	195.7	0.0621				
1894.20	0.029	195.8	0.0621				
1894.23	0.029	195.8	0.0621				
1894.27	0.029	195.9	0.0621				
1894.30	0.028	195.9	0.0612				
1894.33	0.027	196	0.0604				
1894.37	0.026	196	0.0595				
1894.40	0.026	196	0.0577				
1894.43	0.023	195.9	0.0577				
1894.47	0.022	195.9	0.055				
1894.50	0.022	195.9	0.0541				
1894.53	0.021	195.8	0.0515				
1894.57	0.018	195.6	0.0488				
1894.60	0.017	195.6	0.0462				
1894.63	0.016	195.3	0.0426				
1894.67	0.012	195.1	0.0426				
1894.70	0.011	195.1	0.0399				
1894.73	0.011	195	0.0364				
1894.77	0.01	194.8	0.0328				
1894.80	0.006	194.5	0.0284				
1894.83	0.005	194.3	0.0249				
1894.87	0.003	194.1	0.0213				
1894.90	0	193.8	0.0213				
1894.93	-0.001	193.6	0.0169				
1894.97	-0.001	193.6	0.0142				
1895.00	-0.003	193.4	0.0098				
1895.03	-0.006	193	0.0062				
1895.07	-0.007	192.8	0.0036				
1895.10	-0.008	192.5	-0.0009				
1895.13	-0.01	192.2	-0.0009				
1895.17	-0.012	192	-0.0036				
1895.20	-0.012	192	-0.0053				
1895.23	-0.013	191.8	-0.0089				
1895.27	-0.014	191.5	-0.0107				
1895.32	-0.015	191.3	-0.0124				
1895.35	-0.015	191.2	-0.0133				
1895.37	-0.016	191	-0.0142				
1895.40	-0.017	190.8	-0.0151				
1895.43	-0.017	190.6	-0.016				
1895.47	-0.017	190.5	-0.016				
1895.50	-0.017	190.4	-0.016				
1895.53	-0.017	190.4	-0.016				
1895.57	-0.017	190.3	-0.016				
1895.60	-0.016	190.3	-0.016				
1895.63	-0.016	190.2	-0.0151				
1895.67	-0.015	190.2	-0.0151				
1895.70	-0.015	190.2	-0.0133				
1895.73	-0.013	190.2	-0.0133				
1895.77	-0.012	190.2	-0.0115				
1895.80	-0.012	190.2	-0.0107				
1895.83	-0.011	190.3	-0.008				
1895.87	-0.008	190.4	-0.0053				
1895.90	-0.007	190.5	-0.0036				
1895.93	-0.006	190.7	-0.0009				
1895.97	-0.003	190.9	-0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1896.00	-0.001	190.9	0.0027				
1896.03	-0.001	191	0.0062				
1896.07	0	191.2	0.0098				
1896.10	0.004	191.4	0.0133				
1896.13	0.005	191.6	0.016				
1896.17	0.006	191.8	0.0204				
1896.20	0.01	192.1	0.0204				
1896.23	0.011	192.1	0.0249				
1896.27	0.011	192.3	0.0284				
1896.30	0.012	192.6	0.0328				
1896.33	0.016	192.9	0.0364				
1896.37	0.017	193.1	0.0391				
1896.40	0.018	193.3	0.0426				
1896.43	0.021	193.6	0.0426				
1896.47	0.022	193.8	0.0462				
1896.50	0.022	193.8	0.0488				
1896.53	0.023	194.1	0.0515				
1896.57	0.024	194.4	0.0541				
1896.60	0.026	194.6	0.0568				
1896.63	0.026	194.7	0.0577				
1896.67	0.027	194.9	0.0577				
1896.70	0.028	195.1	0.0595				
1896.75	0.028	195.2	0.0612				
1896.78	0.029	195.4	0.0612				
1896.82	0.029	195.6	0.0612				
1896.83	0.029	195.6	0.0621				
1896.87	0.029	195.7	0.0621				
1896.90	0.029	195.8	0.0621				
1896.93	0.028	195.9	0.0621				
1896.97	0.027	195.9	0.0604				
1897.00	0.026	195.9	0.0595				
1897.03	0.025	195.9	0.0595				
1897.07	0.025	195.9	0.0586				
1897.10	0.025	195.9	0.0577				
1897.13	0.023	195.8	0.055				
1897.17	0.021	195.8	0.0533				
1897.20	0.02	195.7	0.0506				
1897.23	0.019	195.6	0.0479				
1897.27	0.016	195.4	0.0479				
1897.30	0.015	195.4	0.0453				
1897.33	0.015	195.3	0.0426				
1897.37	0.013	195.1	0.0391				
1897.40	0.01	194.9	0.0346				
1897.43	0.009	194.7	0.032				
1897.47	0.007	194.4	0.0284				
1897.50	0.004	194.2	0.0284				
1897.53	0.002	194.2	0.024				
1897.57	0.002	194	0.0204				
1897.60	0.001	193.7	0.016				
1897.63	-0.003	193.4	0.0124				
1897.67	-0.004	193.2	0.0089				
1897.70	-0.005	192.9	0.0053				
1897.73	-0.008	192.6	0.0053				
1897.77	-0.009	192.6	0.0018				
1897.80	-0.009	192.4	-0.0009				
1897.83	-0.01	192.1	-0.0044				
1897.87	-0.013	191.9	-0.0071				
1897.90	-0.013	191.7	-0.0089				
1897.93	-0.014	191.5	-0.0107				
1897.97	-0.016	191.2	-0.0107				
1898.00	-0.016	191.2	-0.0133				
1898.03	-0.016	191	-0.0133				
1898.07	-0.016	190.9	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1898.10	-0.017	190.7	-0.016				
1898.13	-0.017	190.6	-0.016				
1898.17	-0.017	190.5	-0.016				
1898.22	-0.017	190.4	-0.0169				
1898.25	-0.017	190.3	-0.0169				
1898.27	-0.017	190.2	-0.016				
1898.30	-0.015	190.2	-0.016				
1898.33	-0.015	190.2	-0.0142				
1898.37	-0.015	190.1	-0.0133				
1898.40	-0.014	190.2	-0.0124				
1898.43	-0.012	190.2	-0.0107				
1898.47	-0.012	190.2	-0.0098				
1898.50	-0.01	190.3	-0.0062				
1898.53	-0.007	190.5	-0.0062				
1898.57	-0.007	190.5	-0.0036				
1898.60	-0.007	190.6	-0.0018				
1898.63	-0.005	190.7	0.0009				
1898.67	-0.001	190.9	0.0053				
1898.70	-0.001	191	0.008				
1898.73	0.001	191.3	0.0115				
1898.77	0.005	191.5	0.0115				
1898.80	0.005	191.5	0.0151				
1898.83	0.005	191.7	0.0186				
1898.87	0.007	191.9	0.0222				
1898.90	0.011	192.2	0.0275				
1898.93	0.012	192.4	0.0311				
1898.97	0.013	192.7	0.0346				
1899.00	0.017	193	0.0346				
1899.03	0.018	193	0.0391				
1899.07	0.018	193.2	0.0408				
1899.10	0.019	193.4	0.0444				
1899.13	0.021	193.7	0.0479				
1899.17	0.023	193.9	0.0506				
1899.20	0.023	194.1	0.0524				
1899.23	0.025	194.4	0.0524				
1899.27	0.026	194.6	0.055				
1899.30	0.026	194.6	0.0568				
1899.33	0.027	194.8	0.0586				
1899.37	0.028	195	0.0595				
1899.40	0.028	195.2	0.0604				
1899.43	0.028	195.3	0.0612				
1899.47	0.029	195.5	0.0612				
1899.50	0.029	195.6	0.0621				
1899.53	0.029	195.6	0.0621				
1899.57	0.029	195.7	0.0621				
1899.60	0.028	195.8	0.0621				
1899.63	0.028	195.9	0.0612				
1899.68	0.027	195.9	0.0604				
1899.72	0.027	195.9	0.0595				
1899.73	0.025	195.9	0.0577				
1899.77	0.024	195.9	0.0559				
1899.80	0.023	195.8	0.0541				
1899.83	0.021	195.7	0.0541				
1899.87	0.019	195.7	0.0524				
1899.90	0.019	195.7	0.0497				
1899.93	0.018	195.5	0.047				
1899.97	0.015	195.3	0.0435				
1900.00	0.014	195.2	0.0408				
1900.03	0.012	195	0.0373				
1900.07	0.008	194.7	0.0373				
1900.10	0.008	194.7	0.0337				
1900.13	0.008	194.6	0.0311				
1900.17	0.006	194.3	0.0257				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1900.20	0.002	194.1	0.0222				
1900.23	0.002	193.9	0.0186				
1900.27	0	193.6	0.0151				
1900.30	-0.004	193.3	0.0151				
1900.33	-0.004	193.3	0.0107				
1900.37	-0.004	193.1	0.0071				
1900.40	-0.006	192.7	0.0036				
1900.43	-0.009	192.5	0				
1900.47	-0.009	192.3	-0.0027				
1900.50	-0.011	192	-0.0053				
1900.53	-0.014	191.7	-0.0053				
1900.57	-0.014	191.7	-0.0089				
1900.60	-0.014	191.5	-0.0098				
1900.63	-0.015	191.3	-0.0115				
1900.67	-0.016	191.1	-0.0133				
1900.70	-0.017	190.9	-0.0142				
1900.73	-0.017	190.8	-0.0151				
1900.77	-0.017	190.6	-0.0151				
1900.80	-0.017	190.6	-0.016				
1900.83	-0.017	190.5	-0.016				
1900.87	-0.017	190.4	-0.0169				
1900.90	-0.017	190.3	-0.0169				
1900.93	-0.016	190.2	-0.016				
1900.97	-0.016	190.2	-0.0151				
1901.00	-0.015	190.2	-0.0151				
1901.03	-0.014	190.2	-0.0142				
1901.07	-0.014	190.2	-0.0124				
1901.12	-0.012	190.2	-0.0107				
1901.15	-0.011	190.2	-0.0107				
1901.17	-0.011	190.3	-0.008				
1901.20	-0.01	190.4	-0.0062				
1901.23	-0.007	190.5	-0.0027				
1901.27	-0.006	190.6	-0.0009				
1901.30	-0.004	190.7	0.0027				
1901.33	-0.001	191	0.0027				
1901.37	0.001	191.2	0.0062				
1901.40	0.001	191.2	0.0089				
1901.43	0.002	191.3	0.0124				
1901.47	0.005	191.6	0.016				
1901.50	0.007	191.8	0.0195				
1901.53	0.008	192	0.024				
1901.57	0.011	192.3	0.024				
1901.60	0.013	192.5	0.0284				
1901.63	0.013	192.5	0.032				
1901.67	0.014	192.7	0.0355				
1901.70	0.017	193	0.0399				
1901.73	0.019	193.3	0.0426				
1901.77	0.02	193.5	0.0453				
1901.80	0.022	193.8	0.0453				
1901.83	0.024	194	0.0488				
1901.87	0.024	194	0.0515				
1901.90	0.024	194.2	0.0533				
1901.93	0.025	194.5	0.0559				
1901.97	0.027	194.7	0.0577				
1902.00	0.027	194.9	0.0586				
1902.03	0.028	195	0.0595				
1902.07	0.028	195.2	0.0595				
1902.10	0.029	195.2	0.0612				
1902.13	0.029	195.4	0.0612				
1902.17	0.029	195.5	0.0621				
1902.20	0.029	195.6	0.0621				
1902.23	0.029	195.7	0.0621				
1902.27	0.028	195.8	0.0621				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1902.30	0.027	195.9	0.0621				
1902.33	0.027	195.9	0.0604				
1902.37	0.027	195.9	0.0595				
1902.40	0.025	195.9	0.0577				
1902.43	0.024	195.8	0.0559				
1902.47	0.023	195.8	0.055				
1902.50	0.021	195.7	0.0524				
1902.53	0.019	195.6	0.0524				
1902.58	0.018	195.5	0.0479				
1902.62	0.017	195.4	0.0462				
1902.63	0.014	195.2	0.0462				
1902.67	0.013	195.2	0.0426				
1902.70	0.013	195.1	0.0399				
1902.73	0.012	194.9	0.0364				
1902.77	0.007	194.6	0.032				
1902.80	0.007	194.5	0.0293				
1902.83	0.005	194.2	0.0249				
1902.87	0.001	194	0.0249				
1902.90	0.001	194	0.0204				
1902.93	0.001	193.8	0.0169				
1902.97	-0.001	193.5	0.0133				
1903.00	-0.005	193.2	0.0089				
1903.03	-0.005	193	0.0053				
1903.07	-0.007	192.7	0.0027				
1903.10	-0.01	192.4	0.0027				
1903.13	-0.011	192.4	-0.0009				
1903.17	-0.011	192.2	-0.0036				
1903.20	-0.011	191.9	-0.0062				
1903.23	-0.014	191.6	-0.0089				
1903.27	-0.014	191.5	-0.0107				
1903.30	-0.015	191.2	-0.0124				
1903.33	-0.016	191	-0.0124				
1903.37	-0.017	191	-0.0142				
1903.40	-0.017	190.8	-0.0151				
1903.43	-0.017	190.7	-0.016				
1903.47	-0.018	190.5	-0.0169				
1903.50	-0.017	190.4	-0.0169				
1903.53	-0.017	190.3	-0.016				
1903.57	-0.017	190.3	-0.016				
1903.60	-0.016	190.2	-0.016				
1903.63	-0.016	190.2	-0.016				
1903.67	-0.016	190.1	-0.0151				
1903.70	-0.015	190.1	-0.0142				
1903.73	-0.013	190.2	-0.0124				
1903.77	-0.012	190.2	-0.0107				
1903.80	-0.011	190.3	-0.0107				
1903.83	-0.009	190.3	-0.0089				
1903.87	-0.009	190.3	-0.0062				
1903.90	-0.008	190.4	-0.0036				
1903.93	-0.006	190.6	-0.0009				
1903.97	-0.004	190.8	0.0018				
1904.02	-0.003	190.9	0.0053				
1904.05	-0.001	191.1	0.0071				
1904.08	0.001	191.2	0.0107				
1904.10	0.003	191.4	0.0133				
1904.13	0.005	191.7	0.0178				
1904.17	0.008	191.9	0.0178				
1904.20	0.009	191.9	0.0213				
1904.23	0.009	192.1	0.0249				
1904.27	0.011	192.4	0.0302				
1904.30	0.014	192.7	0.0337				
1904.33	0.015	192.9	0.0373				
1904.37	0.017	193.2	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1904.40	0.02	193.4	0.0408				
1904.43	0.021	193.4	0.0444				
1904.47	0.021	193.6	0.047				
1904.50	0.022	193.9	0.0497				
1904.53	0.024	194.1	0.0524				
1904.57	0.025	194.3	0.0541				
1904.60	0.025	194.5	0.0559				
1904.63	0.027	194.8	0.0559				
1904.67	0.027	194.8	0.0586				
1904.70	0.027	194.9	0.0595				
1904.73	0.028	195.1	0.0604				
1904.77	0.029	195.3	0.0612				
1904.80	0.029	195.4	0.0612				
1904.83	0.029	195.6	0.0621				
1904.87	0.029	195.7	0.0621				
1904.90	0.028	195.7	0.0621				
1904.93	0.028	195.8	0.0621				
1904.97	0.028	195.8	0.0612				
1905.00	0.026	195.8	0.0595				
1905.03	0.026	195.9	0.0586				
1905.07	0.025	195.9	0.0577				
1905.10	0.023	195.8	0.0577				
1905.13	0.022	195.8	0.055				
1905.17	0.022	195.8	0.0541				
1905.20	0.021	195.7	0.0506				
1905.23	0.018	195.5	0.0479				
1905.27	0.017	195.4	0.0462				
1905.30	0.016	195.3	0.0435				
1905.33	0.013	195	0.0435				
1905.37	0.011	194.9	0.0399				
1905.40	0.011	194.9	0.0364				
1905.43	0.01	194.7	0.0328				
1905.48	0.005	194.3	0.0293				
1905.52	0.005	194.3	0.0275				
1905.53	0.004	194.1	0.0231				
1905.57	0.001	193.8	0.0186				
1905.60	-0.001	193.6	0.0151				
1905.63	-0.001	193.4	0.0124				
1905.67	-0.004	193	0.0124				
1905.70	-0.007	192.8	0.008				
1905.73	-0.007	192.8	0.0044				
1905.77	-0.008	192.6	0.0009				
1905.80	-0.01	192.3	-0.0018				
1905.83	-0.011	192	-0.0044				
1905.87	-0.012	191.8	-0.0071				
1905.90	-0.014	191.5	-0.0071				
1905.93	-0.015	191.3	-0.0098				
1905.97	-0.015	191.3	-0.0115				
1906.00	-0.015	191.2	-0.0124				
1906.03	-0.016	190.9	-0.0142				
1906.07	-0.017	190.8	-0.0151				
1906.10	-0.017	190.6	-0.016				
1906.13	-0.017	190.5	-0.0169				
1906.17	-0.017	190.4	-0.0169				
1906.20	-0.017	190.4	-0.016				
1906.23	-0.017	190.3	-0.016				
1906.27	-0.017	190.2	-0.016				
1906.30	-0.016	190.2	-0.0151				
1906.33	-0.015	190.1	-0.0142				
1906.37	-0.014	190.1	-0.0133				
1906.40	-0.013	190.2	-0.0133				
1906.43	-0.013	190.2	-0.0115				
1906.47	-0.012	190.2	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1906.50	-0.01	190.3	-0.0071				
1906.53	-0.008	190.4	-0.0053				
1906.57	-0.007	190.5	-0.0027				
1906.60	-0.006	190.7	0				
1906.63	-0.003	190.8	0				
1906.67	-0.001	190.8	0.0036				
1906.70	-0.001	191	0.0062				
1906.73	0	191.2	0.0098				
1906.77	0.003	191.4	0.0133				
1906.80	0.005	191.6	0.016				
1906.83	0.006	191.8	0.0204				
1906.87	0.01	192.1	0.0204				
1906.92	0.011	192.3	0.0284				
1906.95	0.012	192.5	0.0311				
1906.98	0.015	192.7	0.0311				
1907.00	0.016	192.7	0.0346				
1907.03	0.016	193	0.0382				
1907.07	0.017	193.2	0.0417				
1907.10	0.02	193.5	0.0453				
1907.13	0.021	193.7	0.0479				
1907.17	0.022	194	0.0506				
1907.20	0.025	194.2	0.0506				
1907.23	0.025	194.2	0.0533				
1907.27	0.025	194.4	0.055				
1907.30	0.026	194.6	0.0577				
1907.33	0.027	194.8	0.0586				
1907.37	0.028	195	0.0604				
1907.40	0.028	195.2	0.0612				
1907.43	0.029	195.4	0.0612				
1907.47	0.029	195.4	0.0621				
1907.50	0.029	195.5	0.0621				
1907.53	0.029	195.6	0.0621				
1907.57	0.029	195.7	0.0621				
1907.60	0.028	195.8	0.0621				
1907.63	0.028	195.8	0.0604				
1907.67	0.026	195.8	0.0604				
1907.70	0.026	195.8	0.0595				
1907.73	0.026	195.9	0.0586				
1907.77	0.025	195.8	0.0568				
1907.80	0.023	195.8	0.055				
1907.83	0.021	195.7	0.0524				
1907.87	0.02	195.6	0.0497				
1907.90	0.018	195.4	0.0497				
1907.93	0.016	195.3	0.047				
1907.97	0.016	195.3	0.0444				
1908.00	0.015	195.2	0.0417				
1908.03	0.012	194.9	0.0382				
1908.07	0.01	194.8	0.0355				
1908.10	0.009	194.6	0.0311				
1908.13	0.006	194.3	0.0311				
1908.17	0.004	194.1	0.0275				
1908.20	0.004	194.1	0.024				
1908.23	0.002	193.9	0.0195				
1908.27	0	193.6	0.0151				
1908.30	-0.003	193.4	0.0115				
1908.33	-0.004	193.1	0.0089				
1908.38	-0.006	192.8	0.0044				
1908.42	-0.007	192.6	0.0027				
1908.43	-0.008	192.4	0				
1908.47	-0.01	192.1	-0.0036				
1908.50	-0.012	191.8	-0.0036				
1908.53	-0.012	191.8	-0.0062				
1908.57	-0.013	191.6	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1908.60	-0.014	191.4	-0.0098				
1908.63	-0.015	191.2	-0.0115				
1908.67	-0.016	191	-0.0133				
1908.70	-0.017	190.8	-0.0151				
1908.73	-0.017	190.6	-0.0151				
1908.77	-0.017	190.6	-0.0151				
1908.80	-0.017	190.5	-0.016				
1908.83	-0.017	190.4	-0.0169				
1908.87	-0.017	190.3	-0.0169				
1908.90	-0.017	190.2	-0.016				
1908.93	-0.016	190.1	-0.016				
1908.97	-0.015	190.1	-0.016				
1909.00	-0.015	190.1	-0.0151				
1909.03	-0.015	190.1	-0.0142				
1909.07	-0.014	190.1	-0.0124				
1909.10	-0.012	190.2	-0.0107				
1909.13	-0.012	190.2	-0.0089				
1909.17	-0.01	190.3	-0.0062				
1909.20	-0.007	190.4	-0.0062				
1909.23	-0.006	190.4	-0.0044				
1909.27	-0.006	190.5	-0.0018				
1909.30	-0.005	190.7	0.0018				
1909.33	-0.002	190.8	0.0044				
1909.37	-0.001	191	0.008				
1909.40	0.001	191.2	0.0115				
1909.43	0.004	191.5	0.0115				
1909.47	0.006	191.5	0.0151				
1909.50	0.006	191.7	0.0186				
1909.53	0.007	191.9	0.0222				
1909.57	0.011	192.2	0.0275				
1909.60	0.012	192.3	0.0302				
1909.63	0.013	192.6	0.0346				
1909.67	0.017	192.9	0.0346				
1909.70	0.017	192.9	0.0391				
1909.73	0.017	193.1	0.0408				
1909.77	0.019	193.4	0.0444				
1909.80	0.022	193.7	0.0479				
1909.85	0.022	193.9	0.0506				
1909.88	0.023	194.1	0.0515				
1909.90	0.025	194.3	0.0541				
1909.93	0.026	194.5	0.0559				
1909.97	0.026	194.7	0.0577				
1910.00	0.027	194.9	0.0577				
1910.03	0.028	195	0.0595				
1910.07	0.028	195	0.0604				
1910.10	0.028	195.2	0.0612				
1910.13	0.029	195.4	0.0621				
1910.17	0.029	195.5	0.0621				
1910.20	0.029	195.6	0.0621				
1910.23	0.029	195.7	0.0621				
1910.27	0.028	195.8	0.0621				
1910.30	0.028	195.8	0.0621				
1910.33	0.027	195.8	0.0604				
1910.37	0.026	195.8	0.0586				
1910.40	0.025	195.8	0.0577				
1910.43	0.024	195.8	0.0559				
1910.47	0.022	195.7	0.0541				
1910.50	0.02	195.6	0.0541				
1910.53	0.02	195.6	0.0515				
1910.57	0.02	195.6	0.0488				
1910.60	0.018	195.4	0.0462				
1910.63	0.015	195.2	0.0435				
1910.67	0.014	195.1	0.0408				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1910.70	0.012	194.9	0.0373				
1910.73	0.009	194.7	0.0373				
1910.77	0.008	194.7	0.0337				
1910.80	0.008	194.5	0.0311				
1910.83	0.006	194.3	0.0275				
1910.87	0.002	194	0.0222				
1910.90	0.002	193.8	0.0186				
1910.93	0	193.5	0.0142				
1910.97	-0.004	193.2	0.0142				
1911.00	-0.004	193.2	0.0107				
1911.03	-0.004	193	0.0071				
1911.07	-0.006	192.7	0.0036				
1911.10	-0.009	192.4	0				
1911.13	-0.01	192.2	-0.0027				
1911.17	-0.011	191.9	-0.0053				
1911.20	-0.013	191.6	-0.0053				
1911.23	-0.014	191.6	-0.008				
1911.28	-0.014	191.3	-0.0107				
1911.32	-0.015	191.1	-0.0107				
1911.35	-0.016	191.1	-0.0124				
1911.37	-0.016	190.9	-0.0133				
1911.40	-0.017	190.7	-0.0151				
1911.43	-0.017	190.6	-0.016				
1911.47	-0.017	190.4	-0.016				
1911.50	-0.017	190.3	-0.016				
1911.53	-0.017	190.2	-0.016				
1911.57	-0.017	190.2	-0.016				
1911.60	-0.017	190.1	-0.016				
1911.63	-0.016	190.1	-0.0151				
1911.67	-0.015	190.1	-0.0142				
1911.70	-0.015	190.1	-0.0133				
1911.73	-0.014	190.1	-0.0115				
1911.77	-0.012	190.2	-0.0115				
1911.80	-0.011	190.2	-0.0098				
1911.83	-0.011	190.2	-0.008				
1911.87	-0.01	190.3	-0.0053				
1911.90	-0.006	190.4	-0.0027				
1911.93	-0.006	190.5	-0.0009				
1911.97	-0.004	190.7	0.0027				
1912.00	-0.001	190.9	0.0027				
1912.03	0	191.1	0.0062				
1912.07	0	191.1	0.0089				
1912.10	0.002	191.2	0.0124				
1912.13	0.005	191.5	0.0169				
1912.17	0.007	191.7	0.0204				
1912.20	0.008	191.9	0.024				
1912.23	0.011	192.2	0.024				
1912.27	0.013	192.5	0.0293				
1912.30	0.013	192.5	0.0328				
1912.33	0.015	192.7	0.0364				
1912.37	0.017	193	0.0399				
1912.40	0.019	193.2	0.0426				
1912.43	0.02	193.4	0.0462				
1912.47	0.022	193.7	0.0497				
1912.50	0.024	194	0.0497				
1912.53	0.024	194	0.0515				
1912.57	0.024	194.2	0.0541				
1912.60	0.025	194.4	0.0559				
1912.63	0.027	194.6	0.0577				
1912.67	0.027	194.8	0.0595				
1912.70	0.028	195	0.0604				
1912.75	0.028	195.1	0.0612				
1912.78	0.029	195.3	0.0612				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1912.80	0.029	195.4	0.0621				
1912.83	0.029	195.6	0.0621				
1912.87	0.029	195.6	0.0621				
1912.90	0.029	195.7	0.0621				
1912.93	0.028	195.8	0.0621				
1912.97	0.028	195.8	0.0612				
1913.00	0.027	195.8	0.0604				
1913.03	0.026	195.8	0.0586				
1913.07	0.025	195.8	0.0586				
1913.10	0.023	195.8	0.0577				
1913.13	0.023	195.8	0.0559				
1913.17	0.022	195.7	0.0533				
1913.20	0.02	195.6	0.0506				
1913.23	0.019	195.5	0.0488				
1913.27	0.017	195.4	0.0462				
1913.30	0.014	195.1	0.0462				
1913.33	0.013	195	0.0426				
1913.37	0.013	195	0.0399				
1913.40	0.012	194.8	0.0364				
1913.43	0.008	194.6	0.0328				
1913.47	0.007	194.4	0.0302				
1913.50	0.005	194.2	0.0249				
1913.53	0.002	193.9	0.0249				
1913.57	0	193.7	0.0204				
1913.60	0	193.7	0.0169				
1913.63	-0.001	193.4	0.0133				
1913.67	-0.004	193.1	0.0098				
1913.70	-0.005	192.9	0.0071				
1913.73	-0.007	192.7	0.0027				
1913.77	-0.009	192.3	0.0027				
1913.80	-0.011	192.1	-0.0009				
1913.83	-0.011	192.1	-0.0036				
1913.87	-0.012	191.9	-0.0062				
1913.90	-0.013	191.6	-0.0089				
1913.93	-0.015	191.4	-0.0107				
1913.97	-0.015	191.2	-0.0115				
1914.00	-0.016	191	-0.0133				
1914.03	-0.017	190.8	-0.0133				
1914.07	-0.017	190.8	-0.0142				
1914.10	-0.017	190.6	-0.0151				
1914.13	-0.017	190.5	-0.016				
1914.18	-0.017	190.4	-0.016				
1914.22	-0.017	190.3	-0.016				
1914.25	-0.017	190.2	-0.016				
1914.27	-0.016	190.1	-0.016				
1914.30	-0.016	190.1	-0.0151				
1914.33	-0.015	190	-0.0142				
1914.37	-0.014	190.1	-0.0142				
1914.40	-0.013	190.1	-0.0133				
1914.43	-0.013	190.1	-0.0115				
1914.47	-0.012	190.1	-0.0098				
1914.50	-0.01	190.2	-0.0071				
1914.53	-0.009	190.3	-0.0053				
1914.57	-0.007	190.4	-0.0027				
1914.60	-0.005	190.6	-0.0027				
1914.63	-0.003	190.7	0.0009				
1914.67	-0.003	190.7	0.0036				
1914.70	-0.002	190.9	0.0062				
1914.73	0.001	191.2	0.0107				
1914.77	0.003	191.3	0.0133				
1914.80	0.004	191.5	0.0178				
1914.83	0.007	191.8	0.0178				
1914.87	0.01	192	0.0213				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1914.90	0.01	192	0.0249				
1914.93	0.011	192.2	0.0293				
1914.97	0.013	192.5	0.0328				
1915.00	0.015	192.8	0.0364				
1915.03	0.017	193	0.0408				
1915.07	0.019	193.3	0.0408				
1915.10	0.021	193.5	0.0444				
1915.13	0.021	193.5	0.047				
1915.17	0.022	193.7	0.0497				
1915.20	0.023	194	0.0524				
1915.23	0.025	194.2	0.0541				
1915.27	0.026	194.4	0.0559				
1915.30	0.027	194.7	0.0559				
1915.33	0.028	194.8	0.0586				
1915.37	0.028	194.8	0.0595				
1915.40	0.028	195	0.0604				
1915.43	0.028	195.2	0.0612				
1915.47	0.029	195.3	0.0621				
1915.50	0.029	195.4	0.0621				
1915.53	0.029	195.6	0.0621				
1915.57	0.029	195.7	0.0621				
1915.60	0.028	195.7	0.0621				
1915.65	0.027	195.8	0.0612				
1915.68	0.027	195.8	0.0612				
1915.70	0.026	195.8	0.0604				
1915.73	0.026	195.8	0.0586				
1915.77	0.025	195.8	0.0568				
1915.80	0.023	195.7	0.055				
1915.83	0.021	195.7	0.0533				
1915.87	0.02	195.6	0.0506				
1915.90	0.017	195.4	0.0506				
1915.93	0.016	195.4	0.0479				
1915.97	0.016	195.3	0.0453				
1916.00	0.015	195.1	0.0417				
1916.03	0.012	194.9	0.0382				
1916.07	0.01	194.8	0.0355				
1916.10	0.009	194.6	0.0311				
1916.13	0.005	194.3	0.0311				
1916.17	0.004	194.3	0.0275				
1916.20	0.004	194.1	0.024				
1916.23	0.003	193.9	0.0204				
1916.27	-0.001	193.5	0.016				
1916.30	-0.002	193.3	0.0124				
1916.33	-0.004	193.1	0.008				
1916.37	-0.007	192.8	0.008				
1916.40	-0.008	192.5	0.0044				
1916.43	-0.008	192.5	0.0018				
1916.47	-0.009	192.3	-0.0018				
1916.50	-0.011	192	-0.0044				
1916.53	-0.012	191.8	-0.0062				
1916.57	-0.013	191.5	-0.0089				
1916.60	-0.015	191.3	-0.0089				
1916.63	-0.015	191.1	-0.0115				
1916.67	-0.015	191.1	-0.0124				
1916.70	-0.016	190.9	-0.0142				
1916.73	-0.017	190.7	-0.0151				
1916.77	-0.017	190.6	-0.016				
1916.80	-0.017	190.4	-0.016				
1916.83	-0.017	190.3	-0.016				
1916.87	-0.017	190.2	-0.016				
1916.90	-0.017	190.2	-0.016				
1916.93	-0.017	190.1	-0.016				
1916.97	-0.016	190.1	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1917.00	-0.015	190.1	-0.0142				
1917.03	-0.015	190.1	-0.0133				
1917.07	-0.014	190.1	-0.0133				
1917.12	-0.013	190.1	-0.0107				
1917.15	-0.011	190.1	-0.008				
1917.17	-0.009	190.3	-0.0062				
1917.20	-0.007	190.4	-0.0062				
1917.23	-0.007	190.4	-0.0036				
1917.27	-0.007	190.4	-0.0018				
1917.30	-0.005	190.7	0.0018				
1917.33	-0.002	190.8	0.0053				
1917.37	-0.001	191	0.0089				
1917.40	0.002	191.2	0.0124				
1917.43	0.004	191.4	0.0124				
1917.47	0.005	191.4	0.0151				
1917.50	0.005	191.6	0.0186				
1917.53	0.007	191.9	0.0231				
1917.57	0.011	192.2	0.0275				
1917.60	0.012	192.3	0.0311				
1917.63	0.014	192.6	0.0355				
1917.67	0.017	192.9	0.0355				
1917.70	0.017	192.9	0.0382				
1917.73	0.017	193.1	0.0417				
1917.77	0.019	193.4	0.0444				
1917.80	0.022	193.6	0.0479				
1917.83	0.022	193.8	0.0506				
1917.87	0.023	194.1	0.0524				
1917.90	0.026	194.3	0.0524				
1917.93	0.026	194.3	0.0559				
1917.97	0.026	194.5	0.0568				
1918.00	0.027	194.7	0.0586				
1918.03	0.028	194.9	0.0604				
1918.07	0.028	195.1	0.0612				
1918.10	0.028	195.2	0.0621				
1918.13	0.029	195.4	0.0621				
1918.17	0.029	195.4	0.0621				
1918.20	0.029	195.5	0.0621				
1918.23	0.029	195.6	0.0621				
1918.27	0.028	195.7	0.0621				
1918.30	0.028	195.8	0.0612				
1918.33	0.027	195.8	0.0604				
1918.37	0.026	195.8	0.0604				
1918.40	0.024	195.8	0.0586				
1918.43	0.024	195.8	0.0568				
1918.47	0.024	195.7	0.055				
1918.50	0.021	195.6	0.0533				
1918.55	0.02	195.5	0.0515				
1918.58	0.02	195.5	0.0497				
1918.60	0.017	195.3	0.0462				
1918.63	0.015	195.2	0.0444				
1918.67	0.014	195.1	0.0408				
1918.70	0.011	194.8	0.0408				
1918.73	0.009	194.6	0.0373				
1918.77	0.009	194.6	0.0346				
1918.80	0.008	194.5	0.0302				
1918.83	0.005	194.2	0.0257				
1918.87	0.003	194	0.0222				
1918.90	0.002	193.8	0.0186				
1918.93	-0.001	193.4	0.0186				
1918.97	-0.003	193.2	0.0142				
1919.00	-0.003	193.2	0.0107				
1919.03	-0.005	193	0.0071				
1919.07	-0.007	192.7	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1919.10	-0.009	192.4	0				
1919.13	-0.01	192.2	-0.0018				
1919.17	-0.011	191.9	-0.0053				
1919.20	-0.013	191.6	-0.0053				
1919.23	-0.013	191.6	-0.008				
1919.27	-0.014	191.4	-0.0098				
1919.30	-0.015	191.2	-0.0115				
1919.33	-0.016	191	-0.0133				
1919.37	-0.016	190.8	-0.0142				
1919.40	-0.017	190.6	-0.0151				
1919.43	-0.017	190.5	-0.0151				
1919.47	-0.017	190.5	-0.016				
1919.50	-0.017	190.4	-0.016				
1919.53	-0.017	190.3	-0.016				
1919.57	-0.017	190.2	-0.016				
1919.60	-0.016	190.1	-0.0151				
1919.63	-0.016	190.1	-0.0151				
1919.67	-0.015	190.1	-0.0151				
1919.70	-0.014	190.1	-0.0142				
1919.73	-0.014	190	-0.0124				
1919.77	-0.013	190.1	-0.0107				
1919.80	-0.011	190.2	-0.0089				
1919.83	-0.01	190.2	-0.0071				
1919.87	-0.009	190.3	-0.0044				
1919.90	-0.006	190.4	-0.0044				
1919.93	-0.005	190.4	-0.0018				
1919.97	-0.005	190.6	0.0009				
1920.02	-0.001	190.9	0.0044				
1920.05	0	190.9	0.0062				
1920.07	0	191	0.0098				
1920.10	0.002	191.2	0.0133				
1920.13	0.006	191.5	0.0169				
1920.17	0.007	191.7	0.0204				
1920.20	0.008	191.9	0.024				
1920.23	0.012	192.2	0.024				
1920.27	0.013	192.2	0.0293				
1920.30	0.013	192.4	0.032				
1920.33	0.014	192.7	0.0364				
1920.37	0.017	192.9	0.0399				
1920.40	0.019	193.2	0.0426				
1920.43	0.02	193.4	0.0462				
1920.47	0.022	193.7	0.0462				
1920.50	0.023	193.7	0.0497				
1920.53	0.023	193.9	0.0515				
1920.57	0.024	194.1	0.0541				
1920.60	0.026	194.4	0.0568				
1920.63	0.027	194.6	0.0577				
1920.67	0.027	194.8	0.0604				
1920.70	0.028	194.9	0.0604				
1920.73	0.029	195.1	0.0604				
1920.77	0.029	195.1	0.0612				
1920.80	0.029	195.2	0.0621				
1920.83	0.029	195.4	0.0621				
1920.87	0.029	195.5	0.0621				
1920.90	0.028	195.6	0.0621				
1920.93	0.028	195.7	0.0621				
1920.97	0.027	195.7	0.0621				
1921.00	0.027	195.7	0.0612				
1921.03	0.026	195.8	0.0595				
1921.07	0.025	195.8	0.0586				
1921.10	0.024	195.7	0.0568				
1921.13	0.023	195.7	0.055				
1921.17	0.021	195.6	0.055				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1921.20	0.019	195.5	0.0524				
1921.23	0.019	195.5	0.0506				
1921.27	0.018	195.4	0.047				
1921.30	0.016	195.1	0.0435				
1921.33	0.013	195	0.0417				
1921.37	0.012	194.9	0.0382				
1921.40	0.01	194.6	0.0337				
1921.45	0.007	194.4	0.0311				
1921.48	0.007	194.3	0.0293				
1921.52	0.005	194	0.0249				
1921.53	0.002	193.8	0.0249				
1921.57	0.001	193.8	0.0213				
1921.60	0.001	193.6	0.0178				
1921.63	-0.001	193.3	0.0133				
1921.67	-0.004	193	0.0098				
1921.70	-0.005	192.8	0.0062				
1921.73	-0.007	192.5	0.0027				
1921.77	-0.01	192.2	0.0027				
1921.80	-0.01	192.2	-0.0009				
1921.83	-0.01	192	-0.0027				
1921.87	-0.012	191.7	-0.0062				
1921.90	-0.014	191.5	-0.008				
1921.93	-0.014	191.3	-0.0098				
1921.97	-0.015	191.1	-0.0124				
1922.00	-0.017	190.9	-0.0124				
1922.03	-0.016	190.9	-0.0133				
1922.07	-0.016	190.7	-0.0142				
1922.10	-0.017	190.6	-0.0151				
1922.13	-0.017	190.4	-0.016				
1922.17	-0.017	190.3	-0.016				
1922.20	-0.017	190.2	-0.016				
1922.23	-0.017	190.1	-0.016				
1922.27	-0.016	190.1	-0.016				
1922.30	-0.016	190.1	-0.0151				
1922.33	-0.016	190.1	-0.0133				
1922.37	-0.014	190.1	-0.0124				
1922.40	-0.013	190.1	-0.0115				
1922.43	-0.012	190.1	-0.0098				
1922.47	-0.011	190.2	-0.0098				
1922.50	-0.009	190.2	-0.008				
1922.53	-0.009	190.2	-0.0062				
1922.57	-0.008	190.3	-0.0027				
1922.60	-0.005	190.5	0				
1922.63	-0.004	190.6	0.0027				
1922.67	-0.003	190.8	0.0053				
1922.70	0.001	191	0.0053				
1922.73	0.002	191.2	0.0098				
1922.77	0.002	191.2	0.0124				
1922.80	0.003	191.4	0.016				
1922.83	0.007	191.7	0.0204				
1922.87	0.009	191.9	0.024				
1922.92	0.01	192.1	0.0284				
1922.95	0.011	192.3	0.0302				
1922.97	0.014	192.5	0.0337				
1923.00	0.015	192.7	0.0382				
1923.03	0.017	193	0.0417				
1923.07	0.02	193.3	0.0417				
1923.10	0.02	193.3	0.0453				
1923.13	0.021	193.5	0.0479				
1923.17	0.022	193.8	0.0506				
1923.20	0.024	194	0.0533				
1923.23	0.024	194.2	0.055				
1923.27	0.026	194.5	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1923.30	0.027	194.7	0.0568				
1923.33	0.027	194.7	0.0586				
1923.37	0.027	194.8	0.0595				
1923.40	0.028	195	0.0612				
1923.43	0.029	195.2	0.0621				
1923.47	0.029	195.3	0.0621				
1923.50	0.029	195.4	0.063				
1923.53	0.029	195.6	0.063				
1923.57	0.028	195.6	0.063				
1923.60	0.028	195.7	0.0621				
1923.63	0.028	195.7	0.0621				
1923.67	0.027	195.8	0.0612				
1923.70	0.026	195.8	0.0595				
1923.73	0.025	195.7	0.0577				
1923.77	0.023	195.7	0.0577				
1923.80	0.022	195.7	0.055				
1923.83	0.022	195.7	0.0541				
1923.87	0.021	195.5	0.0515				
1923.90	0.018	195.4	0.0488				
1923.93	0.017	195.3	0.047				
1923.97	0.016	195.1	0.0435				
1924.00	0.012	194.9	0.0435				
1924.03	0.011	194.9	0.0399				
1924.07	0.011	194.8	0.0373				
1924.10	0.01	194.5	0.0337				
1924.13	0.006	194.3	0.0293				
1924.17	0.005	194.2	0.0257				
1924.20	0.003	193.9	0.0222				
1924.23	0	193.6	0.0222				
1924.27	-0.001	193.6	0.0178				
1924.30	-0.001	193.4	0.0142				
1924.35	-0.005	192.9	0.0107				
1924.38	-0.006	192.9	0.0089				
1924.42	-0.006	192.7	0.0053				
1924.43	-0.007	192.4	0.0018				
1924.47	-0.011	192.1	-0.0018				
1924.50	-0.011	191.9	-0.0036				
1924.53	-0.012	191.7	-0.0062				
1924.57	-0.014	191.4	-0.0062				
1924.60	-0.015	191.2	-0.0089				
1924.63	-0.015	191.2	-0.0107				
1924.67	-0.015	191	-0.0124				
1924.70	-0.016	190.8	-0.0133				
1924.73	-0.017	190.6	-0.0142				
1924.77	-0.017	190.5	-0.0151				
1924.80	-0.017	190.4	-0.0151				
1924.83	-0.017	190.2	-0.016				
1924.87	-0.017	190.2	-0.016				
1924.90	-0.017	190.1	-0.016				
1924.93	-0.017	190.1	-0.0151				
1924.97	-0.016	190	-0.0151				
1925.00	-0.015	190	-0.0133				
1925.03	-0.014	190	-0.0124				
1925.07	-0.013	190.1	-0.0124				
1925.10	-0.012	190.1	-0.0107				
1925.13	-0.012	190.1	-0.0089				
1925.17	-0.011	190.2	-0.0071				
1925.20	-0.008	190.3	-0.0044				
1925.23	-0.007	190.3	-0.0027				
1925.27	-0.006	190.5	0.0009				
1925.30	-0.003	190.7	0.0009				
1925.33	-0.002	190.7	0.0036				
1925.37	-0.002	190.8	0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1925.40	0	191.1	0.0107				
1925.43	0.004	191.3	0.0142				
1925.47	0.005	191.5	0.0178				
1925.50	0.006	191.7	0.0213				
1925.53	0.01	192	0.0213				
1925.57	0.011	192	0.0257				
1925.60	0.011	192.1	0.0293				
1925.63	0.013	192.5	0.0337				
1925.67	0.016	192.7	0.0373				
1925.70	0.017	192.9	0.0399				
1925.73	0.018	193.2	0.0435				
1925.77	0.021	193.5	0.0435				
1925.82	0.022	193.7	0.0488				
1925.85	0.022	193.9	0.0515				
1925.87	0.024	194.1	0.0515				
1925.90	0.025	194.1	0.0533				
1925.93	0.025	194.3	0.055				
1925.97	0.026	194.6	0.0577				
1926.00	0.028	194.8	0.0595				
1926.03	0.028	194.9	0.0604				
1926.07	0.028	195.1	0.0612				
1926.10	0.029	195.2	0.0612				
1926.13	0.029	195.2	0.0621				
1926.17	0.029	195.4	0.0621				
1926.20	0.029	195.5	0.063				
1926.23	0.029	195.6	0.0621				
1926.27	0.028	195.7	0.0621				
1926.30	0.027	195.7	0.0612				
1926.33	0.027	195.7	0.0612				
1926.37	0.025	195.7	0.0604				
1926.40	0.025	195.8	0.0586				
1926.43	0.024	195.8	0.0568				
1926.47	0.023	195.7	0.055				
1926.50	0.022	195.6	0.0533				
1926.53	0.02	195.5	0.0506				
1926.57	0.018	195.4	0.0506				
1926.60	0.016	195.2	0.0479				
1926.63	0.016	195.2	0.0453				
1926.67	0.015	195.1	0.0417				
1926.70	0.012	194.9	0.0391				
1926.73	0.01	194.7	0.0355				
1926.77	0.009	194.5	0.0328				
1926.80	0.006	194.3	0.0328				
1926.83	0.004	194.1	0.0284				
1926.87	0.004	194.1	0.0249				
1926.90	0.002	193.8	0.0204				
1926.93	0	193.5	0.016				
1926.97	-0.003	193.3	0.0124				
1927.00	-0.003	193	0.0089				
1927.03	-0.006	192.7	0.0089				
1927.07	-0.008	192.5	0.0053				
1927.10	-0.008	192.5	0.0018				
1927.13	-0.009	192.3	-0.0009				
1927.17	-0.011	191.9	-0.0036				
1927.20	-0.012	191.7	-0.0062				
1927.23	-0.013	191.5	-0.0089				
1927.28	-0.015	191.2	-0.0115				
1927.32	-0.015	191	-0.0124				
1927.33	-0.016	190.9	-0.0133				
1927.37	-0.016	190.7	-0.0142				
1927.40	-0.017	190.5	-0.0142				
1927.43	-0.017	190.5	-0.0151				
1927.47	-0.017	190.4	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1927.50	-0.017	190.3	-0.016				
1927.53	-0.017	190.2	-0.016				
1927.57	-0.017	190.1	-0.016				
1927.60	-0.016	190	-0.0151				
1927.63	-0.016	190	-0.0151				
1927.67	-0.015	190	-0.0142				
1927.70	-0.015	190	-0.0133				
1927.73	-0.014	190	-0.0124				
1927.77	-0.012	190	-0.0107				
1927.80	-0.011	190.1	-0.0089				
1927.83	-0.01	190.2	-0.0062				
1927.87	-0.007	190.3	-0.0062				
1927.90	-0.006	190.3	-0.0036				
1927.93	-0.006	190.4	-0.0018				
1927.97	-0.005	190.5	0.0018				
1928.00	-0.002	190.7	0.0053				
1928.03	-0.001	190.9	0.008				
1928.07	0.001	191.1	0.0115				
1928.10	0.005	191.3	0.0115				
1928.13	0.005	191.3	0.016				
1928.17	0.005	191.5	0.0186				
1928.20	0.007	191.7	0.0231				
1928.23	0.011	192.1	0.0284				
1928.27	0.012	192.2	0.0302				
1928.30	0.013	192.5	0.0346				
1928.33	0.017	192.8	0.0346				
1928.37	0.018	193	0.0391				
1928.40	0.018	193	0.0417				
1928.43	0.019	193.2	0.0453				
1928.47	0.021	193.6	0.0479				
1928.50	0.023	193.8	0.0506				
1928.53	0.023	194	0.0533				
1928.57	0.025	194.2	0.0533				
1928.60	0.027	194.4	0.055				
1928.63	0.027	194.4	0.0577				
1928.67	0.027	194.6	0.0586				
1928.72	0.028	195	0.0604				
1928.75	0.028	195	0.0604				
1928.78	0.028	195.1	0.0612				
1928.80	0.028	195.2	0.0621				
1928.83	0.029	195.4	0.063				
1928.87	0.029	195.5	0.063				
1928.90	0.029	195.6	0.063				
1928.93	0.028	195.7	0.063				
1928.97	0.028	195.7	0.0621				
1929.00	0.027	195.7	0.0604				
1929.03	0.026	195.7	0.0595				
1929.07	0.025	195.7	0.0577				
1929.10	0.024	195.7	0.0568				
1929.13	0.023	195.6	0.0541				
1929.17	0.02	195.5	0.0541				
1929.20	0.02	195.5	0.0524				
1929.23	0.02	195.5	0.0506				
1929.27	0.018	195.3	0.047				
1929.30	0.015	195.1	0.0435				
1929.33	0.014	195	0.0417				
1929.37	0.012	194.8	0.0373				
1929.40	0.009	194.5	0.0373				
1929.43	0.008	194.5	0.0337				
1929.47	0.008	194.4	0.0311				
1929.50	0.006	194.1	0.0275				
1929.53	0.002	193.9	0.0222				
1929.57	0.002	193.7	0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1929.60	0	193.4	0.0151				
1929.63	-0.004	193.1	0.0151				
1929.67	-0.005	193.1	0.0107				
1929.70	-0.005	192.9	0.008				
1929.73	-0.006	192.6	0.0044				
1929.77	-0.009	192.3	0.0009				
1929.80	-0.01	192.1	-0.0018				
1929.83	-0.011	191.8	-0.0044				
1929.87	-0.013	191.6	-0.0044				
1929.90	-0.014	191.6	-0.008				
1929.93	-0.014	191.4	-0.0089				
1929.97	-0.015	191.2	-0.0115				
1930.00	-0.016	190.9	-0.0133				
1930.03	-0.016	190.8	-0.0133				
1930.07	-0.017	190.6	-0.0151				
1930.10	-0.017	190.4	-0.0151				
1930.13	-0.017	190.4	-0.016				
1930.18	-0.017	190.2	-0.016				
1930.22	-0.017	190.1	-0.016				
1930.23	-0.017	190.1	-0.016				
1930.27	-0.017	190	-0.0151				
1930.30	-0.016	190	-0.0151				
1930.33	-0.015	190	-0.0142				
1930.37	-0.014	190	-0.0124				
1930.40	-0.014	190	-0.0115				
1930.43	-0.011	190	-0.0115				
1930.47	-0.011	190	-0.0098				
1930.50	-0.011	190.1	-0.008				
1930.53	-0.01	190.2	-0.0053				
1930.57	-0.007	190.3	-0.0027				
1930.60	-0.006	190.4	-0.0009				
1930.63	-0.004	190.6	0.0027				
1930.67	-0.001	190.8	0.0027				
1930.70	0.001	191	0.0062				
1930.73	0.001	191	0.0098				
1930.77	0.002	191.1	0.0133				
1930.80	0.005	191.4	0.0169				
1930.83	0.007	191.6	0.0204				
1930.87	0.008	191.8	0.024				
1930.90	0.011	192.2	0.024				
1930.93	0.013	192.4	0.0293				
1930.97	0.013	192.4	0.0328				
1931.00	0.014	192.6	0.0364				
1931.03	0.016	192.9	0.0399				
1931.07	0.019	193.1	0.0435				
1931.10	0.02	193.3	0.0462				
1931.13	0.022	193.6	0.0497				
1931.17	0.024	193.9	0.0497				
1931.20	0.024	193.9	0.0515				
1931.23	0.024	194	0.0533				
1931.27	0.025	194.3	0.0559				
1931.30	0.027	194.5	0.0586				
1931.33	0.027	194.7	0.0595				
1931.37	0.028	194.9	0.0604				
1931.40	0.028	195	0.0604				
1931.43	0.029	195	0.0612				
1931.47	0.029	195.2	0.0621				
1931.50	0.029	195.3	0.0621				
1931.53	0.029	195.4	0.0621				
1931.57	0.029	195.6	0.0621				
1931.62	0.028	195.7	0.0621				
1931.65	0.028	195.7	0.0612				
1931.68	0.027	195.7	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1931.70	0.026	195.8	0.0595				
1931.73	0.024	195.7	0.0595				
1931.77	0.023	195.7	0.0577				
1931.80	0.023	195.7	0.0559				
1931.83	0.023	195.6	0.0541				
1931.87	0.02	195.5	0.0515				
1931.90	0.019	195.4	0.0488				
1931.93	0.017	195.2	0.0462				
1931.97	0.014	195	0.0462				
1932.00	0.013	194.9	0.0426				
1932.03	0.013	194.9	0.0408				
1932.07	0.012	194.8	0.0364				
1932.10	0.008	194.5	0.0328				
1932.13	0.006	194.3	0.0302				
1932.17	0.006	194.1	0.0257				
1932.20	0.002	193.8	0.0257				
1932.23	0	193.6	0.0213				
1932.27	0	193.6	0.0178				
1932.30	-0.001	193.4	0.0133				
1932.33	-0.004	193	0.0098				
1932.37	-0.005	192.8	0.0062				
1932.40	-0.007	192.6	0.0027				
1932.43	-0.009	192.2	0.0027				
1932.47	-0.011	192	-0.0009				
1932.50	-0.011	192	-0.0036				
1932.53	-0.011	191.8	-0.0053				
1932.57	-0.013	191.5	-0.008				
1932.60	-0.015	191.3	-0.0098				
1932.63	-0.015	191.1	-0.0115				
1932.67	-0.016	190.9	-0.0133				
1932.70	-0.017	190.7	-0.0133				
1932.73	-0.017	190.7	-0.0142				
1932.77	-0.017	190.5	-0.0151				
1932.80	-0.017	190.4	-0.0151				
1932.83	-0.017	190.3	-0.016				
1932.87	-0.017	190.2	-0.016				
1932.90	-0.017	190.1	-0.016				
1932.93	-0.016	190	-0.016				
1932.97	-0.016	190	-0.0151				
1933.00	-0.016	190	-0.0142				
1933.03	-0.014	190	-0.0124				
1933.08	-0.013	190	-0.0115				
1933.12	-0.013	190	-0.0107				
1933.13	-0.012	190.1	-0.0089				
1933.17	-0.01	190.2	-0.0071				
1933.20	-0.009	190.2	-0.0044				
1933.23	-0.007	190.4	-0.0027				
1933.27	-0.004	190.5	-0.0027				
1933.30	-0.004	190.5	0.0009				
1933.33	-0.004	190.6	0.0036				
1933.37	-0.002	190.9	0.0071				
1933.40	0.002	191.1	0.0115				
1933.43	0.003	191.2	0.0142				
1933.47	0.004	191.5	0.0178				
1933.50	0.008	191.7	0.0178				
1933.53	0.009	191.7	0.0222				
1933.57	0.009	191.9	0.0249				
1933.60	0.011	192.2	0.0302				
1933.63	0.014	192.5	0.0346				
1933.67	0.015	192.7	0.0373				
1933.70	0.017	193	0.0408				
1933.73	0.02	193.2	0.0408				
1933.77	0.021	193.2	0.0444				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1933.80	0.021	193.4	0.047				
1933.83	0.022	193.7	0.0497				
1933.87	0.024	193.9	0.0533				
1933.90	0.025	194.1	0.055				
1933.93	0.026	194.4	0.0568				
1933.97	0.027	194.6	0.0568				
1934.00	0.027	194.6	0.0586				
1934.03	0.027	194.7	0.0595				
1934.07	0.028	194.9	0.0604				
1934.10	0.029	195.1	0.0621				
1934.13	0.029	195.2	0.0621				
1934.17	0.029	195.3	0.0621				
1934.20	0.029	195.4	0.0621				
1934.23	0.028	195.6	0.0621				
1934.27	0.028	195.6	0.0621				
1934.30	0.028	195.7	0.0612				
1934.33	0.027	195.7	0.0604				
1934.37	0.026	195.7	0.0595				
1934.40	0.025	195.7	0.0577				
1934.43	0.024	195.6	0.0577				
1934.47	0.022	195.6	0.0559				
1934.52	0.021	195.5	0.0533				
1934.55	0.02	195.4	0.0506				
1934.58	0.017	195.3	0.0506				
1934.60	0.016	195.3	0.0479				
1934.63	0.016	195.2	0.0453				
1934.67	0.015	195	0.0417				
1934.70	0.011	194.8	0.0382				
1934.73	0.011	194.6	0.0355				
1934.77	0.008	194.4	0.032				
1934.80	0.005	194.2	0.032				
1934.83	0.004	194.2	0.0275				
1934.87	0.004	194	0.024				
1934.90	0.002	193.7	0.0195				
1934.93	-0.001	193.4	0.016				
1934.97	-0.002	193.2	0.0124				
1935.00	-0.004	192.9	0.008				
1935.03	-0.007	192.6	0.008				
1935.07	-0.007	192.6	0.0053				
1935.10	-0.007	192.4	0.0018				
1935.13	-0.009	192.1	-0.0018				
1935.17	-0.012	191.8	-0.0044				
1935.20	-0.012	191.6	-0.0062				
1935.23	-0.013	191.4	-0.008				
1935.27	-0.015	191.2	-0.008				
1935.30	-0.015	191.2	-0.0107				
1935.33	-0.015	191	-0.0115				
1935.37	-0.016	190.8	-0.0133				
1935.40	-0.017	190.6	-0.0151				
1935.43	-0.017	190.5	-0.0151				
1935.47	-0.017	190.3	-0.016				
1935.50	-0.017	190.2	-0.016				
1935.53	-0.017	190.2	-0.016				
1935.57	-0.017	190.1	-0.016				
1935.60	-0.017	190	-0.0151				
1935.63	-0.016	190	-0.0142				
1935.67	-0.015	190	-0.0133				
1935.70	-0.015	190	-0.0124				
1935.73	-0.013	190	-0.0124				
1935.77	-0.012	190	-0.0107				
1935.80	-0.012	190	-0.0089				
1935.83	-0.011	190.1	-0.0071				
1935.87	-0.008	190.2	-0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1935.90	-0.007	190.3	-0.0027				
1935.93	-0.006	190.5	0.0009				
1935.98	-0.003	190.7	0.0036				
1936.02	-0.002	190.7	0.0053				
1936.03	-0.001	190.9	0.0089				
1936.07	0.003	191.2	0.0089				
1936.10	0.004	191.2	0.0124				
1936.13	0.004	191.3	0.0151				
1936.17	0.005	191.5	0.0195				
1936.20	0.009	191.8	0.024				
1936.23	0.01	192	0.0275				
1936.27	0.012	192.2	0.032				
1936.30	0.015	192.6	0.032				
1936.33	0.016	192.7	0.0355				
1936.37	0.016	192.7	0.0382				
1936.40	0.017	193	0.0426				
1936.43	0.02	193.3	0.0462				
1936.47	0.021	193.5	0.0479				
1936.50	0.022	193.7	0.0515				
1936.53	0.024	194	0.0515				
1936.57	0.025	194.2	0.0541				
1936.60	0.025	194.2	0.0559				
1936.63	0.026	194.4	0.0577				
1936.67	0.027	194.6	0.0595				
1936.70	0.028	194.8	0.0604				
1936.73	0.028	195	0.0612				
1936.77	0.028	195.1	0.0612				
1936.80	0.029	195.2	0.0621				
1936.83	0.029	195.2	0.0621				
1936.87	0.029	195.4	0.063				
1936.90	0.029	195.5	0.063				
1936.93	0.028	195.6	0.0621				
1936.97	0.028	195.7	0.0612				
1937.00	0.027	195.7	0.0604				
1937.03	0.025	195.7	0.0604				
1937.07	0.025	195.7	0.0586				
1937.10	0.025	195.7	0.0577				
1937.13	0.024	195.6	0.0559				
1937.17	0.021	195.5	0.0533				
1937.20	0.02	195.4	0.0515				
1937.23	0.019	195.2	0.0479				
1937.27	0.015	195.1	0.0479				
1937.30	0.015	195.1	0.0453				
1937.33	0.015	195	0.0435				
1937.37	0.013	194.8	0.0391				
1937.40	0.01	194.6	0.0355				
1937.45	0.009	194.4	0.032				
1937.48	0.008	194.3	0.0302				
1937.50	0.005	194	0.0257				
1937.53	0.003	193.9	0.0222				
1937.57	0.002	193.6	0.0186				
1937.60	-0.002	193.3	0.0186				
1937.63	-0.003	193.3	0.0142				
1937.67	-0.003	193.1	0.0115				
1937.70	-0.004	192.8	0.008				
1937.73	-0.007	192.5	0.0036				
1937.77	-0.009	192.3	0.0009				
1937.80	-0.01	192	-0.0018				
1937.83	-0.012	191.8	-0.0018				
1937.87	-0.013	191.6	-0.0053				
1937.90	-0.013	191.6	-0.0071				
1937.93	-0.014	191.3	-0.0089				
1937.97	-0.015	191.1	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1938.00	-0.016	190.9	-0.0124				
1938.03	-0.016	190.7	-0.0133				
1938.07	-0.017	190.5	-0.0133				
1938.10	-0.017	190.4	-0.0142				
1938.13	-0.017	190.4	-0.0151				
1938.17	-0.017	190.3	-0.016				
1938.20	-0.018	190.2	-0.016				
1938.23	-0.017	190.1	-0.0151				
1938.27	-0.016	190	-0.0151				
1938.30	-0.016	190	-0.0151				
1938.33	-0.015	190	-0.0142				
1938.37	-0.015	190	-0.0133				
1938.40	-0.014	190	-0.0115				
1938.43	-0.013	190	-0.0107				
1938.47	-0.011	190.1	-0.0089				
1938.50	-0.01	190.1	-0.0062				
1938.53	-0.008	190.3	-0.0062				
1938.57	-0.006	190.4	-0.0036				
1938.60	-0.006	190.4	-0.0018				
1938.63	-0.005	190.5	0.0018				
1938.67	-0.002	190.7	0.0053				
1938.70	0	190.9	0.008				
1938.73	0.001	191	0.0115				
1938.77	0.004	191.3	0.016				
1938.80	0.006	191.5	0.016				
1938.83	0.006	191.5	0.0186				
1938.88	0.009	191.9	0.0249				
1938.92	0.011	192.1	0.0249				
1938.95	0.011	192.1	0.0284				
1938.97	0.012	192.3	0.0337				
1939.00	0.015	192.7	0.0382				
1939.03	0.018	192.9	0.0408				
1939.07	0.018	193.1	0.0435				
1939.10	0.02	193.4	0.0462				
1939.13	0.022	193.6	0.0462				
1939.17	0.023	193.6	0.0497				
1939.20	0.023	193.8	0.0524				
1939.23	0.024	194.1	0.055				
1939.27	0.026	194.3	0.0568				
1939.30	0.026	194.5	0.0586				
1939.33	0.027	194.7	0.0595				
1939.37	0.028	194.9	0.0595				
1939.40	0.028	194.9	0.0612				
1939.43	0.028	195	0.0612				
1939.47	0.029	195.2	0.0621				
1939.50	0.029	195.3	0.0621				
1939.53	0.029	195.4	0.063				
1939.57	0.029	195.5	0.063				
1939.60	0.028	195.6	0.063				
1939.63	0.027	195.6	0.0621				
1939.67	0.027	195.7	0.0612				
1939.70	0.026	195.7	0.0595				
1939.73	0.025	195.6	0.0586				
1939.77	0.024	195.6	0.0568				
1939.80	0.023	195.6	0.055				
1939.83	0.02	195.4	0.055				
1939.87	0.019	195.4	0.0524				
1939.90	0.019	195.4	0.0506				
1939.93	0.018	195.2	0.0479				
1939.97	0.015	195.1	0.0444				
1940.00	0.014	194.9	0.0417				
1940.03	0.012	194.8	0.0382				
1940.07	0.009	194.5	0.0382				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1940.10	0.007	194.3	0.0346				
1940.13	0.007	194.3	0.032				
1940.17	0.006	194.2	0.0275				
1940.20	0.003	193.9	0.0231				
1940.23	0.001	193.7	0.0195				
1940.27	0	193.4	0.0151				
1940.30	-0.003	193.1	0.0151				
1940.35	-0.005	192.8	0.008				
1940.38	-0.005	192.7	0.0062				
1940.40	-0.007	192.4	0.0062				
1940.43	-0.009	192.1	0.0027				
1940.47	-0.009	192.1	-0.0009				
1940.50	-0.01	191.9	-0.0036				
1940.53	-0.012	191.6	-0.0062				
1940.57	-0.014	191.4	-0.008				
1940.60	-0.014	191.2	-0.0098				
1940.63	-0.015	190.9	-0.0115				
1940.67	-0.016	190.7	-0.0115				
1940.70	-0.016	190.7	-0.0133				
1940.73	-0.016	190.6	-0.0142				
1940.77	-0.017	190.4	-0.0151				
1940.80	-0.017	190.3	-0.016				
1940.83	-0.017	190.2	-0.016				
1940.87	-0.017	190.1	-0.016				
1940.90	-0.017	190	-0.016				
1940.93	-0.016	190	-0.016				
1940.97	-0.016	189.9	-0.0151				
1941.00	-0.016	189.9	-0.0133				
1941.03	-0.014	189.9	-0.0124				
1941.07	-0.013	189.9	-0.0115				
1941.10	-0.013	190	-0.0098				
1941.13	-0.011	190	-0.0098				
1941.17	-0.009	190	-0.008				
1941.20	-0.009	190.1	-0.0053				
1941.23	-0.008	190.2	-0.0036				
1941.27	-0.005	190.4	0				
1941.30	-0.004	190.5	0.0027				
1941.33	-0.003	190.7	0.0062				
1941.37	0.001	190.9	0.0062				
1941.40	0.002	190.9	0.0098				
1941.43	0.002	191	0.0133				
1941.47	0.004	191.3	0.0169				
1941.50	0.008	191.6	0.0213				
1941.53	0.008	191.7	0.024				
1941.57	0.01	192	0.0293				
1941.60	0.013	192.3	0.0293				
1941.63	0.014	192.3	0.0328				
1941.67	0.014	192.5	0.0355				
1941.70	0.016	192.7	0.0399				
1941.73	0.019	193	0.0435				
1941.78	0.02	193.3	0.0462				
1941.82	0.02	193.4	0.0479				
1941.85	0.023	193.7	0.0506				
1941.87	0.023	193.9	0.0524				
1941.90	0.025	194.1	0.055				
1941.93	0.026	194.4	0.055				
1941.97	0.027	194.6	0.0577				
1942.00	0.027	194.6	0.0586				
1942.03	0.027	194.7	0.0604				
1942.07	0.028	194.9	0.0612				
1942.10	0.029	195.1	0.0621				
1942.13	0.029	195.2	0.0621				
1942.17	0.029	195.3	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1942.20	0.029	195.4	0.0621				
1942.23	0.029	195.4	0.0621				
1942.27	0.028	195.6	0.0621				
1942.30	0.028	195.6	0.0612				
1942.33	0.027	195.6	0.0604				
1942.37	0.026	195.7	0.0586				
1942.40	0.025	195.6	0.0586				
1942.43	0.023	195.6	0.0568				
1942.47	0.023	195.6	0.0559				
1942.50	0.023	195.5	0.0541				
1942.53	0.02	195.4	0.0515				
1942.57	0.018	195.3	0.0488				
1942.60	0.017	195.2	0.0453				
1942.63	0.014	195	0.0453				
1942.67	0.013	194.8	0.0426				
1942.70	0.013	194.8	0.0399				
1942.73	0.011	194.7	0.0373				
1942.77	0.009	194.4	0.0328				
1942.80	0.006	194.2	0.0293				
1942.83	0.005	194	0.0249				
1942.87	0.003	193.7	0.0213				
1942.90	0	193.5	0.0213				
1942.93	0	193.5	0.0178				
1942.97	-0.001	193.3	0.0142				
1943.00	-0.003	192.9	0.0098				
1943.03	-0.006	192.7	0.0062				
1943.07	-0.007	192.5	0.0027				
1943.10	-0.009	192.1	0				
1943.13	-0.011	191.9	0				
1943.17	-0.011	191.9	-0.0027				
1943.20	-0.011	191.7	-0.0053				
1943.25	-0.014	191.2	-0.008				
1943.28	-0.015	191.2	-0.0098				
1943.30	-0.015	191	-0.0107				
1943.33	-0.015	190.8	-0.0124				
1943.37	-0.017	190.6	-0.0142				
1943.40	-0.017	190.5	-0.0142				
1943.43	-0.017	190.3	-0.0151				
1943.47	-0.017	190.2	-0.0151				
1943.50	-0.017	190.2	-0.016				
1943.53	-0.017	190.1	-0.016				
1943.57	-0.017	190	-0.0151				
1943.60	-0.016	189.9	-0.0151				
1943.63	-0.016	189.9	-0.0142				
1943.67	-0.015	189.9	-0.0133				
1943.70	-0.014	189.9	-0.0133				
1943.73	-0.013	189.9	-0.0124				
1943.77	-0.013	189.9	-0.0107				
1943.80	-0.012	190	-0.0089				
1943.83	-0.01	190.1	-0.0062				
1943.87	-0.009	190.1	-0.0044				
1943.90	-0.007	190.3	-0.0018				
1943.93	-0.004	190.4	-0.0018				
1943.97	-0.003	190.4	0.0018				
1944.00	-0.003	190.5	0.0036				
1944.03	-0.002	190.8	0.0071				
1944.07	0.002	190.9	0.0115				
1944.10	0.003	191.1	0.0142				
1944.13	0.004	191.4	0.0186				
1944.17	0.008	191.6	0.0186				
1944.20	0.009	191.6	0.0231				
1944.23	0.009	191.8	0.0257				
1944.27	0.011	192.1	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1944.30	0.014	192.4	0.0346				
1944.33	0.015	192.6	0.0373				
1944.37	0.017	192.8	0.0417				
1944.40	0.02	193.1	0.0417				
1944.43	0.02	193.1	0.0444				
1944.47	0.02	193.3	0.047				
1944.50	0.022	193.6	0.0506				
1944.53	0.024	193.8	0.0533				
1944.57	0.025	194.1	0.0559				
1944.60	0.026	194.2	0.0568				
1944.63	0.027	194.5	0.0568				
1944.67	0.028	194.6	0.0586				
1944.72	0.028	194.8	0.0612				
1944.75	0.028	194.9	0.0612				
1944.77	0.028	195.1	0.0621				
1944.80	0.028	195.1	0.0621				
1944.83	0.029	195.2	0.063				
1944.87	0.029	195.4	0.063				
1944.90	0.029	195.5	0.063				
1944.93	0.029	195.6	0.063				
1944.97	0.028	195.6	0.0612				
1945.00	0.026	195.6	0.0612				
1945.03	0.026	195.6	0.0604				
1945.07	0.026	195.7	0.0595				
1945.10	0.025	195.6	0.0577				
1945.13	0.022	195.6	0.055				
1945.17	0.022	195.5	0.0533				
1945.20	0.02	195.3	0.0506				
1945.23	0.017	195.2	0.0506				
1945.27	0.016	195.2	0.0479				
1945.30	0.016	195.1	0.0453				
1945.33	0.015	194.9	0.0426				
1945.37	0.011	194.7	0.0382				
1945.40	0.01	194.6	0.0355				
1945.43	0.009	194.3	0.032				
1945.47	0.005	194.1	0.032				
1945.50	0.004	194.1	0.0284				
1945.53	0.004	193.9	0.0249				
1945.57	0.003	193.6	0.0204				
1945.60	-0.001	193.4	0.016				
1945.63	-0.002	193.2	0.0124				
1945.67	-0.004	192.8	0.0089				
1945.70	-0.007	192.6	0.0089				
1945.73	-0.008	192.6	0.0053				
1945.77	-0.008	192.3	0.0027				
1945.80	-0.009	192.1	-0.0009				
1945.83	-0.012	191.8	-0.0044				
1945.87	-0.012	191.6	-0.0053				
1945.90	-0.013	191.3	-0.008				
1945.93	-0.015	191.1	-0.008				
1945.97	-0.016	191.1	-0.0107				
1946.00	-0.016	190.9	-0.0115				
1946.03	-0.016	190.7	-0.0133				
1946.07	-0.017	190.6	-0.0142				
1946.10	-0.017	190.4	-0.0151				
1946.15	-0.017	190.3	-0.0151				
1946.18	-0.017	190.1	-0.0151				
1946.22	-0.017	190.1	-0.0151				
1946.23	-0.017	190	-0.0151				
1946.27	-0.016	189.9	-0.0151				
1946.30	-0.016	189.9	-0.0151				
1946.33	-0.016	189.9	-0.0142				
1946.37	-0.015	189.9	-0.0124				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1946.40	-0.013	189.9	-0.0107				
1946.43	-0.012	189.9	-0.0107				
1946.47	-0.011	190	-0.008				
1946.50	-0.009	190.1	-0.008				
1946.53	-0.008	190.2	-0.0053				
1946.57	-0.008	190.2	-0.0036				
1946.60	-0.006	190.3	0				
1946.63	-0.004	190.5	0.0027				
1946.67	-0.002	190.6	0.0053				
1946.70	-0.001	190.8	0.0089				
1946.73	0.002	191	0.0089				
1946.77	0.004	191.2	0.0124				
1946.80	0.004	191.2	0.016				
1946.83	0.005	191.4	0.0204				
1946.87	0.009	191.7	0.024				
1946.90	0.011	191.9	0.0284				
1946.93	0.012	192.1	0.032				
1946.97	0.014	192.4	0.032				
1947.00	0.016	192.7	0.0364				
1947.03	0.016	192.7	0.0391				
1947.07	0.017	192.9	0.0426				
1947.10	0.019	193.2	0.0453				
1947.13	0.021	193.4	0.0488				
1947.17	0.022	193.7	0.0515				
1947.20	0.024	193.9	0.0541				
1947.23	0.026	194.1	0.0541				
1947.27	0.026	194.1	0.0559				
1947.30	0.026	194.3	0.0577				
1947.33	0.027	194.5	0.0595				
1947.37	0.028	194.7	0.0604				
1947.40	0.028	194.9	0.0612				
1947.43	0.029	195	0.0621				
1947.47	0.029	195.2	0.0621				
1947.50	0.029	195.2	0.0621				
1947.53	0.029	195.3	0.0621				
1947.57	0.029	195.4	0.063				
1947.62	0.028	195.5	0.063				
1947.65	0.028	195.6	0.0621				
1947.67	0.027	195.6	0.0612				
1947.70	0.026	195.6	0.0604				
1947.73	0.025	195.6	0.0586				
1947.77	0.024	195.6	0.0568				
1947.80	0.022	195.5	0.0568				
1947.83	0.021	195.5	0.055				
1947.87	0.021	195.4	0.0533				
1947.90	0.02	195.3	0.0506				
1947.93	0.017	195.1	0.047				
1947.97	0.015	195	0.0444				
1948.00	0.014	194.9	0.0417				
1948.03	0.011	194.7	0.0417				
1948.07	0.01	194.7	0.0373				
1948.10	0.01	194.5	0.0346				
1948.13	0.008	194.3	0.0311				
1948.17	0.004	194	0.0257				
1948.20	0.003	193.8	0.0231				
1948.23	0.002	193.6	0.0186				
1948.27	-0.002	193.3	0.0186				
1948.30	-0.003	193	0.0142				
1948.33	-0.003	193	0.0115				
1948.37	-0.005	192.8	0.008				
1948.40	-0.007	192.5	0.0044				
1948.43	-0.008	192.2	0.0018				
1948.47	-0.01	192	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1948.50	-0.012	191.7	-0.0018				
1948.53	-0.013	191.5	-0.0053				
1948.57	-0.013	191.5	-0.0071				
1948.60	-0.014	191.3	-0.0089				
1948.63	-0.015	191	-0.0115				
1948.67	-0.016	190.8	-0.0124				
1948.70	-0.016	190.6	-0.0133				
1948.73	-0.016	190.5	-0.0133				
1948.77	-0.017	190.3	-0.0142				
1948.80	-0.017	190.3	-0.0151				
1948.83	-0.017	190.2	-0.0151				
1948.87	-0.017	190.1	-0.016				
1948.90	-0.017	190	-0.0151				
1948.93	-0.016	189.9	-0.0151				
1948.97	-0.016	189.9	-0.0151				
1949.00	-0.015	189.9	-0.0142				
1949.05	-0.014	189.9	-0.0124				
1949.08	-0.014	189.9	-0.0107				
1949.12	-0.012	189.9	-0.0107				
1949.13	-0.011	189.9	-0.0089				
1949.17	-0.011	190	-0.0071				
1949.20	-0.009	190.1	-0.0044				
1949.23	-0.007	190.2	-0.0027				
1949.27	-0.006	190.3	0				
1949.30	-0.004	190.5	0.0036				
1949.33	-0.001	190.7	0.0036				
1949.37	0	190.7	0.0071				
1949.40	0	190.8	0.0098				
1949.43	0.002	191.1	0.0133				
1949.47	0.005	191.3	0.0178				
1949.50	0.006	191.5	0.0213				
1949.53	0.009	191.8	0.0249				
1949.57	0.012	192	0.0249				
1949.60	0.013	192	0.0302				
1949.63	0.013	192.2	0.0328				
1949.67	0.014	192.5	0.0364				
1949.70	0.017	192.8	0.0408				
1949.73	0.018	193	0.0435				
1949.77	0.02	193.3	0.047				
1949.80	0.023	193.5	0.047				
1949.83	0.023	193.5	0.0506				
1949.87	0.023	193.7	0.0524				
1949.90	0.024	194	0.055				
1949.93	0.026	194.2	0.0568				
1949.97	0.027	194.4	0.0586				
1950.00	0.027	194.6	0.0595				
1950.03	0.028	194.8	0.0595				
1950.07	0.028	194.8	0.0612				
1950.10	0.028	194.9	0.0621				
1950.13	0.029	195.1	0.0621				
1950.17	0.029	195.2	0.063				
1950.20	0.029	195.3	0.063				
1950.23	0.028	195.4	0.063				
1950.27	0.028	195.5	0.063				
1950.30	0.027	195.5	0.0621				
1950.33	0.027	195.6	0.0612				
1950.37	0.027	195.6	0.0604				
1950.40	0.025	195.6	0.0586				
1950.43	0.024	195.6	0.0577				
1950.47	0.023	195.5	0.055				
1950.52	0.021	195.4	0.0533				
1950.55	0.02	195.3	0.0524				
1950.57	0.019	195.2	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1950.60	0.016	195	0.0488				
1950.63	0.015	195	0.0462				
1950.67	0.015	194.9	0.0435				
1950.70	0.013	194.7	0.0399				
1950.73	0.01	194.5	0.0364				
1950.77	0.009	194.4	0.0337				
1950.80	0.007	194.2	0.0293				
1950.83	0.003	193.9	0.0293				
1950.87	0.002	193.9	0.024				
1950.90	0.002	193.7	0.0213				
1950.93	0.001	193.5	0.0178				
1950.97	-0.002	193.1	0.0133				
1951.00	-0.004	192.9	0.0107				
1951.03	-0.005	192.7	0.0062				
1951.07	-0.008	192.3	0.0062				
1951.10	-0.009	192.1	0.0027				
1951.13	-0.009	192.1	0				
1951.17	-0.01	191.8	-0.0027				
1951.20	-0.012	191.5	-0.0062				
1951.23	-0.014	191.3	-0.008				
1951.27	-0.014	191.2	-0.0098				
1951.30	-0.015	190.9	-0.0098				
1951.33	-0.016	190.7	-0.0115				
1951.37	-0.016	190.7	-0.0124				
1951.40	-0.017	190.5	-0.0142				
1951.43	-0.017	190.4	-0.0151				
1951.47	-0.017	190.3	-0.0151				
1951.50	-0.017	190.1	-0.0151				
1951.53	-0.017	190	-0.0151				
1951.57	-0.017	189.9	-0.0151				
1951.60	-0.017	189.9	-0.0151				
1951.63	-0.016	189.9	-0.0142				
1951.67	-0.016	189.9	-0.0133				
1951.70	-0.014	189.9	-0.0124				
1951.73	-0.014	189.9	-0.0107				
1951.77	-0.012	189.9	-0.0107				
1951.80	-0.01	190	-0.0089				
1951.83	-0.01	190	-0.0071				
1951.87	-0.009	190.1	-0.0044				
1951.90	-0.007	190.2	-0.0027				
1951.95	-0.005	190.3	0				
1951.98	-0.005	190.4	0.0018				
1952.02	-0.003	190.6	0.0053				
1952.03	0	190.8	0.0089				
1952.07	0.001	190.9	0.0115				
1952.10	0.003	191.2	0.0151				
1952.13	0.006	191.4	0.0151				
1952.17	0.007	191.4	0.0195				
1952.20	0.007	191.6	0.0231				
1952.23	0.009	191.9	0.0275				
1952.27	0.013	192.1	0.032				
1952.30	0.014	192.3	0.0346				
1952.33	0.015	192.6	0.0382				
1952.37	0.018	192.9	0.0382				
1952.40	0.019	192.9	0.0426				
1952.43	0.019	193.1	0.0453				
1952.47	0.02	193.4	0.0479				
1952.50	0.023	193.6	0.0515				
1952.53	0.024	193.8	0.0533				
1952.57	0.024	194.1	0.0559				
1952.60	0.026	194.3	0.0559				
1952.63	0.027	194.3	0.0577				
1952.67	0.027	194.5	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1952.70	0.027	194.7	0.0604				
1952.73	0.028	194.8	0.0612				
1952.77	0.029	195	0.0621				
1952.80	0.029	195.1	0.063				
1952.83	0.029	195.2	0.063				
1952.87	0.029	195.2	0.063				
1952.90	0.029	195.3	0.063				
1952.93	0.028	195.5	0.063				
1952.97	0.028	195.5	0.0621				
1953.00	0.027	195.6	0.0612				
1953.03	0.026	195.6	0.0595				
1953.07	0.024	195.5	0.0595				
1953.10	0.024	195.5	0.0577				
1953.13	0.024	195.5	0.0568				
1953.17	0.022	195.4	0.0541				
1953.20	0.02	195.3	0.0515				
1953.23	0.019	195.2	0.0497				
1953.27	0.017	195.1	0.0462				
1953.30	0.014	194.9	0.0462				
1953.33	0.013	194.8	0.0435				
1953.37	0.013	194.8	0.0408				
1953.42	0.009	194.4	0.0364				
1953.45	0.008	194.2	0.0346				
1953.47	0.008	194.2	0.032				
1953.50	0.006	194.1	0.0284				
1953.53	0.004	193.7	0.0231				
1953.57	0.001	193.5	0.0195				
1953.60	0	193.3	0.016				
1953.63	-0.003	193	0.0115				
1953.67	-0.005	192.7	0.0115				
1953.70	-0.005	192.7	0.008				
1953.73	-0.006	192.5	0.0044				
1953.77	-0.008	192.2	0.0018				
1953.80	-0.011	191.9	-0.0018				
1953.83	-0.011	191.7	-0.0036				
1953.87	-0.012	191.4	-0.0062				
1953.90	-0.014	191.2	-0.0062				
1953.93	-0.015	191.2	-0.0089				
1953.97	-0.015	191	-0.0107				
1954.00	-0.015	190.8	-0.0115				
1954.03	-0.016	190.6	-0.0133				
1954.07	-0.017	190.5	-0.0142				
1954.10	-0.017	190.3	-0.0142				
1954.13	-0.017	190.2	-0.0142				
1954.17	-0.017	190.2	-0.0151				
1954.20	-0.017	190.1	-0.0151				
1954.23	-0.017	190	-0.0151				
1954.27	-0.017	189.9	-0.0151				
1954.30	-0.016	189.9	-0.0142				
1954.33	-0.015	189.8	-0.0133				
1954.37	-0.014	189.8	-0.0133				
1954.40	-0.013	189.8	-0.0115				
1954.43	-0.013	189.9	-0.0098				
1954.47	-0.012	189.9	-0.0089				
1954.50	-0.009	190	-0.0062				
1954.53	-0.009	190.1	-0.0044				
1954.57	-0.007	190.2	-0.0018				
1954.60	-0.004	190.4	-0.0018				
1954.63	-0.003	190.4	0.0018				
1954.67	-0.003	190.5	0.0044				
1954.70	-0.002	190.7	0.008				
1954.73	0.002	190.9	0.0115				
1954.77	0.003	191.1	0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1954.80	0.004	191.3	0.0186				
1954.83	0.008	191.6	0.0186				
1954.88	0.009	191.8	0.0257				
1954.92	0.01	191.9	0.0293				
1954.93	0.013	192.2	0.0293				
1954.97	0.015	192.4	0.0328				
1955.00	0.015	192.4	0.0364				
1955.03	0.016	192.7	0.0399				
1955.07	0.019	193	0.0435				
1955.10	0.02	193.2	0.0462				
1955.13	0.021	193.4	0.0488				
1955.17	0.023	193.7	0.0488				
1955.20	0.024	193.9	0.0524				
1955.23	0.024	193.9	0.0541				
1955.27	0.025	194.1	0.0568				
1955.30	0.026	194.4	0.0586				
1955.33	0.027	194.5	0.0595				
1955.37	0.028	194.7	0.0612				
1955.40	0.029	194.9	0.0612				
1955.43	0.029	195	0.0621				
1955.47	0.029	195	0.063				
1955.50	0.029	195.1	0.063				
1955.53	0.029	195.2	0.063				
1955.57	0.029	195.4	0.063				
1955.60	0.028	195.5	0.063				
1955.63	0.027	195.6	0.0621				
1955.67	0.027	195.6	0.0621				
1955.70	0.025	195.6	0.0612				
1955.73	0.025	195.6	0.0595				
1955.77	0.024	195.5	0.0577				
1955.80	0.023	195.5	0.0559				
1955.83	0.022	195.4	0.0541				
1955.87	0.02	195.2	0.0515				
1955.90	0.017	195.1	0.0515				
1955.93	0.017	195.1	0.0479				
1955.97	0.017	195.1	0.0462				
1956.00	0.015	194.8	0.0426				
1956.03	0.011	194.6	0.0391				
1956.07	0.011	194.5	0.0364				
1956.10	0.009	194.2	0.032				
1956.13	0.005	194	0.032				
1956.17	0.004	194	0.0284				
1956.20	0.004	193.8	0.0249				
1956.23	0.002	193.5	0.0204				
1956.27	-0.001	193.3	0.016				
1956.32	-0.002	193.1	0.0133				
1956.35	-0.002	192.8	0.0107				
1956.38	-0.006	192.6	0.0071				
1956.40	-0.007	192.4	0.0044				
1956.43	-0.008	192.1	0.0009				
1956.47	-0.011	191.8	0.0009				
1956.50	-0.011	191.8	-0.0027				
1956.53	-0.011	191.6	-0.0044				
1956.57	-0.012	191.3	-0.0071				
1956.60	-0.015	191.1	-0.0098				
1956.63	-0.015	190.9	-0.0107				
1956.67	-0.015	190.7	-0.0124				
1956.70	-0.017	190.5	-0.0124				
1956.73	-0.017	190.5	-0.0133				
1956.77	-0.017	190.4	-0.0142				
1956.80	-0.017	190.2	-0.0151				
1956.83	-0.017	190.1	-0.0151				
1956.87	-0.017	190	-0.0151				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1956.90	-0.017	189.9	-0.0151				
1956.93	-0.016	189.9	-0.0151				
1956.97	-0.016	189.8	-0.0142				
1957.00	-0.016	189.8	-0.0142				
1957.03	-0.015	189.8	-0.0124				
1957.07	-0.014	189.9	-0.0107				
1957.10	-0.012	189.9	-0.0098				
1957.13	-0.012	189.9	-0.008				
1957.17	-0.01	190	-0.0053				
1957.20	-0.007	190.2	-0.0053				
1957.23	-0.007	190.2	-0.0027				
1957.27	-0.006	190.2	0				
1957.30	-0.005	190.4	0.0027				
1957.33	-0.002	190.6	0.0053				
1957.37	-0.001	190.7	0.0089				
1957.40	0.001	191	0.0124				
1957.43	0.004	191.2	0.0124				
1957.47	0.005	191.2	0.016				
1957.50	0.005	191.3	0.0195				
1957.53	0.007	191.6	0.024				
1957.57	0.011	191.9	0.0284				
1957.60	0.012	192.1	0.032				
1957.63	0.014	192.4	0.0355				
1957.67	0.017	192.6	0.0355				
1957.70	0.017	192.6	0.0391				
1957.73	0.017	192.8	0.0426				
1957.78	0.021	193.3	0.0462				
1957.82	0.022	193.3	0.0479				
1957.83	0.022	193.5	0.0497				
1957.87	0.023	193.8	0.0524				
1957.90	0.025	194	0.0559				
1957.93	0.026	194.2	0.0568				
1957.97	0.026	194.4	0.0586				
1958.00	0.028	194.6	0.0586				
1958.03	0.028	194.6	0.0604				
1958.07	0.028	194.8	0.0612				
1958.10	0.028	194.9	0.0621				
1958.13	0.029	195.1	0.063				
1958.17	0.029	195.2	0.063				
1958.20	0.029	195.3	0.0639				
1958.23	0.029	195.4	0.0639				
1958.27	0.028	195.4	0.063				
1958.30	0.028	195.5	0.063				
1958.33	0.027	195.6	0.0612				
1958.37	0.026	195.5	0.0604				
1958.40	0.025	195.5	0.0595				
1958.43	0.024	195.5	0.0568				
1958.47	0.022	195.4	0.0568				
1958.50	0.021	195.4	0.055				
1958.53	0.021	195.4	0.0533				
1958.57	0.02	195.2	0.0506				
1958.60	0.017	195	0.047				
1958.63	0.015	194.9	0.0453				
1958.67	0.014	194.8	0.0417				
1958.70	0.011	194.6	0.0417				
1958.73	0.009	194.4	0.0373				
1958.77	0.009	194.4	0.0346				
1958.80	0.008	194.2	0.032				
1958.83	0.006	193.9	0.0284				
1958.87	0.003	193.7	0.0231				
1958.90	0.001	193.5	0.0195				
1958.93	-0.001	193.2	0.0151				
1958.97	-0.003	193	0.0151				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1959.00	-0.004	193	0.0115				
1959.03	-0.004	192.7	0.008				
1959.07	-0.006	192.4	0.0053				
1959.10	-0.009	192.2	0.0009				
1959.13	-0.01	192	-0.0009				
1959.17	-0.011	191.7	-0.0036				
1959.22	-0.013	191.4	-0.0071				
1959.25	-0.013	191.2	-0.0071				
1959.28	-0.014	191	-0.0098				
1959.30	-0.016	190.8	-0.0098				
1959.33	-0.016	190.8	-0.0115				
1959.37	-0.016	190.6	-0.0124				
1959.40	-0.016	190.5	-0.0142				
1959.43	-0.017	190.3	-0.0142				
1959.47	-0.017	190.2	-0.0151				
1959.50	-0.017	190	-0.0151				
1959.53	-0.017	189.9	-0.0151				
1959.57	-0.017	189.9	-0.0151				
1959.60	-0.017	189.9	-0.0151				
1959.63	-0.016	189.8	-0.0133				
1959.67	-0.015	189.8	-0.0133				
1959.70	-0.014	189.8	-0.0115				
1959.73	-0.014	189.8	-0.0107				
1959.77	-0.011	189.9	-0.0107				
1959.80	-0.011	189.9	-0.0089				
1959.83	-0.011	189.9	-0.0071				
1959.87	-0.01	190	-0.0044				
1959.90	-0.007	190.2	-0.0018				
1959.93	-0.006	190.3	0				
1959.97	-0.004	190.4	0.0044				
1960.00	-0.001	190.6	0.0044				
1960.03	0	190.8	0.008				
1960.07	0	190.8	0.0098				
1960.10	0.002	191	0.0142				
1960.13	0.005	191.2	0.0178				
1960.17	0.007	191.4	0.0213				
1960.20	0.008	191.6	0.0257				
1960.23	0.011	192	0.0257				
1960.27	0.013	192.2	0.0311				
1960.30	0.013	192.2	0.0337				
1960.33	0.014	192.4	0.0373				
1960.37	0.017	192.7	0.0408				
1960.40	0.019	193	0.0435				
1960.43	0.02	193.2	0.047				
1960.47	0.022	193.5	0.0506				
1960.50	0.023	193.7	0.0506				
1960.53	0.023	193.7	0.0524				
1960.57	0.024	193.9	0.055				
1960.60	0.026	194.2	0.0577				
1960.63	0.027	194.4	0.0586				
1960.68	0.027	194.5	0.0604				
1960.72	0.027	194.7	0.0612				
1960.73	0.028	194.8	0.0621				
1960.77	0.029	195	0.063				
1960.80	0.029	195.1	0.063				
1960.83	0.029	195.2	0.063				
1960.87	0.029	195.2	0.063				
1960.90	0.029	195.4	0.063				
1960.93	0.028	195.4	0.063				
1960.97	0.028	195.5	0.063				
1961.00	0.027	195.6	0.0612				
1961.03	0.026	195.6	0.0604				
1961.07	0.024	195.5	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1961.10	0.023	195.5	0.0577				
1961.13	0.023	195.5	0.0568				
1961.17	0.022	195.4	0.055				
1961.20	0.02	195.3	0.0524				
1961.23	0.019	195.2	0.0506				
1961.27	0.017	195	0.0462				
1961.30	0.014	194.9	0.0462				
1961.33	0.013	194.9	0.0435				
1961.37	0.013	194.7	0.0408				
1961.40	0.011	194.5	0.0373				
1961.43	0.008	194.3	0.0337				
1961.47	0.007	194.1	0.0302				
1961.50	0.005	193.9	0.0257				
1961.53	0.001	193.6	0.0257				
1961.57	0.001	193.6	0.0213				
1961.60	0.001	193.4	0.0186				
1961.63	-0.001	193.2	0.0142				
1961.67	-0.004	192.9	0.0107				
1961.70	-0.006	192.6	0.0071				
1961.73	-0.007	192.4	0.0044				
1961.77	-0.009	192.1	0.0044				
1961.80	-0.011	191.8	0.0009				
1961.83	-0.011	191.8	-0.0018				
1961.87	-0.011	191.6	-0.0044				
1961.90	-0.014	191.3	-0.0071				
1961.93	-0.014	191.1	-0.0089				
1961.97	-0.015	190.9	-0.0107				
1962.00	-0.016	190.7	-0.0107				
1962.03	-0.017	190.5	-0.0124				
1962.07	-0.017	190.5	-0.0142				
1962.10	-0.017	190.4	-0.0142				
1962.15	-0.017	190.1	-0.0151				
1962.18	-0.017	190.1	-0.0151				
1962.20	-0.017	190	-0.0151				
1962.23	-0.017	189.9	-0.0151				
1962.27	-0.016	189.8	-0.0142				
1962.30	-0.016	189.8	-0.0142				
1962.33	-0.015	189.8	-0.0124				
1962.37	-0.014	189.8	-0.0124				
1962.40	-0.013	189.8	-0.0115				
1962.43	-0.013	189.8	-0.0107				
1962.47	-0.012	189.9	-0.008				
1962.50	-0.01	190	-0.0062				
1962.53	-0.009	190	-0.0044				
1962.57	-0.007	190.2	-0.0018				
1962.60	-0.004	190.3	-0.0018				
1962.63	-0.003	190.3	0.0018				
1962.67	-0.003	190.4	0.0044				
1962.70	-0.002	190.7	0.008				
1962.73	0.002	190.9	0.0115				
1962.77	0.002	191	0.0142				
1962.80	0.004	191.3	0.0186				
1962.83	0.009	191.5	0.0186				
1962.87	0.009	191.5	0.0231				
1962.90	0.009	191.7	0.0275				
1962.93	0.01	192	0.0302				
1962.97	0.014	192.3	0.0346				
1963.00	0.015	192.5	0.0373				
1963.03	0.016	192.8	0.0417				
1963.07	0.02	193	0.0417				
1963.10	0.021	193	0.0453				
1963.13	0.021	193.3	0.0479				
1963.17	0.022	193.5	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1963.20	0.024	193.7	0.0541				
1963.23	0.025	193.9	0.0559				
1963.27	0.026	194.2	0.0577				
1963.30	0.027	194.4	0.0577				
1963.33	0.027	194.4	0.0595				
1963.37	0.027	194.6	0.0604				
1963.40	0.028	194.7	0.0612				
1963.43	0.029	194.9	0.0621				
1963.47	0.029	195	0.063				
1963.50	0.029	195.1	0.063				
1963.53	0.029	195.2	0.063				
1963.58	0.029	195.4	0.063				
1963.62	0.028	195.5	0.063				
1963.63	0.028	195.5	0.063				
1963.67	0.026	195.5	0.0621				
1963.70	0.026	195.5	0.0604				
1963.73	0.026	195.6	0.0595				
1963.77	0.024	195.4	0.0568				
1963.80	0.023	195.4	0.0559				
1963.83	0.022	195.4	0.0533				
1963.87	0.02	195.2	0.0533				
1963.90	0.017	195.1	0.0515				
1963.93	0.017	195.1	0.0488				
1963.97	0.016	195	0.0453				
1964.00	0.014	194.8	0.0426				
1964.03	0.012	194.6	0.0391				
1964.07	0.01	194.5	0.0355				
1964.10	0.008	194.2	0.032				
1964.13	0.005	194	0.032				
1964.17	0.004	194	0.0284				
1964.20	0.004	193.8	0.0249				
1964.23	0.002	193.5	0.0213				
1964.27	-0.001	193.3	0.0169				
1964.30	-0.002	193	0.0133				
1964.33	-0.004	192.7	0.0098				
1964.37	-0.007	192.5	0.0098				
1964.40	-0.007	192.5	0.0053				
1964.43	-0.007	192.3	0.0036				
1964.47	-0.009	191.9	0				
1964.50	-0.012	191.7	-0.0027				
1964.53	-0.012	191.5	-0.0053				
1964.57	-0.013	191.2	-0.008				
1964.60	-0.015	191	-0.008				
1964.63	-0.015	191	-0.0107				
1964.67	-0.015	190.8	-0.0115				
1964.70	-0.016	190.6	-0.0124				
1964.73	-0.017	190.4	-0.0142				
1964.77	-0.017	190.3	-0.0142				
1964.80	-0.017	190.2	-0.0142				
1964.83	-0.017	190	-0.0142				
1964.87	-0.017	190	-0.0151				
1964.90	-0.017	189.9	-0.0151				
1964.93	-0.017	189.9	-0.0142				
1964.97	-0.016	189.8	-0.0133				
1965.00	-0.015	189.8	-0.0133				
1965.05	-0.014	189.8	-0.0115				
1965.08	-0.013	189.8	-0.0107				
1965.10	-0.013	189.8	-0.0098				
1965.13	-0.011	189.9	-0.0071				
1965.17	-0.009	190	-0.0071				
1965.20	-0.008	190	-0.0053				
1965.23	-0.008	190	-0.0036				
1965.27	-0.007	190.2	0				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1965.30	-0.003	190.4	0.0036				
1965.33	-0.002	190.5	0.0062				
1965.37	-0.001	190.7	0.0098				
1965.40	0.003	191	0.0098				
1965.43	0.004	191.1	0.0133				
1965.47	0.004	191.1	0.0169				
1965.50	0.005	191.3	0.0213				
1965.53	0.009	191.6	0.0249				
1965.57	0.011	191.8	0.0284				
1965.60	0.012	192	0.032				
1965.63	0.014	192.3	0.032				
1965.67	0.016	192.6	0.0364				
1965.70	0.016	192.6	0.0391				
1965.73	0.017	192.8	0.0426				
1965.77	0.02	193.1	0.0462				
1965.80	0.022	193.3	0.0488				
1965.83	0.022	193.6	0.0515				
1965.87	0.024	193.8	0.0515				
1965.90	0.026	194	0.0541				
1965.93	0.026	194	0.0568				
1965.97	0.026	194.2	0.0586				
1966.00	0.027	194.5	0.0604				
1966.03	0.028	194.6	0.0612				
1966.07	0.028	194.8	0.0621				
1966.10	0.029	194.9	0.063				
1966.13	0.029	195.1	0.063				
1966.17	0.029	195.1	0.063				
1966.20	0.029	195.2	0.063				
1966.23	0.029	195.3	0.063				
1966.27	0.028	195.4	0.063				
1966.30	0.028	195.4	0.0621				
1966.33	0.027	195.5	0.0612				
1966.37	0.025	195.4	0.0612				
1966.40	0.025	195.4	0.0595				
1966.43	0.025	195.5	0.0586				
1966.48	0.022	195.4	0.0559				
1966.52	0.021	195.4	0.0559				
1966.55	0.021	195.3	0.0533				
1966.57	0.02	195.2	0.0506				
1966.60	0.016	195	0.0479				
1966.63	0.015	194.9	0.0453				
1966.67	0.014	194.8	0.0417				
1966.70	0.011	194.5	0.0417				
1966.73	0.01	194.5	0.0382				
1966.77	0.01	194.4	0.0355				
1966.80	0.008	194.2	0.0311				
1966.83	0.005	193.9	0.0275				
1966.87	0.003	193.7	0.0231				
1966.90	0.002	193.5	0.0195				
1966.93	-0.001	193.2	0.0195				
1966.97	-0.003	192.9	0.0151				
1967.00	-0.003	192.9	0.0124				
1967.03	-0.004	192.7	0.008				
1967.07	-0.007	192.4	0.0044				
1967.10	-0.008	192.2	0.0018				
1967.13	-0.01	191.9	-0.0009				
1967.17	-0.012	191.6	-0.0009				
1967.20	-0.013	191.4	-0.0044				
1967.23	-0.013	191.4	-0.0062				
1967.27	-0.014	191.2	-0.0089				
1967.30	-0.015	190.9	-0.0107				
1967.33	-0.016	190.7	-0.0115				
1967.37	-0.016	190.5	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1967.40	-0.017	190.4	-0.0133				
1967.43	-0.017	190.2	-0.0142				
1967.47	-0.017	190.2	-0.0142				
1967.50	-0.017	190.1	-0.0142				
1967.53	-0.017	190	-0.0151				
1967.57	-0.017	189.9	-0.0151				
1967.60	-0.016	189.8	-0.0142				
1967.63	-0.016	189.8	-0.0133				
1967.67	-0.015	189.8	-0.0133				
1967.70	-0.014	189.8	-0.0124				
1967.73	-0.014	189.8	-0.0115				
1967.77	-0.013	189.8	-0.0098				
1967.80	-0.011	189.9	-0.008				
1967.83	-0.01	189.9	-0.0053				
1967.87	-0.009	190.1	-0.0027				
1967.90	-0.006	190.2	-0.0027				
1967.95	-0.005	190.3	0.0018				
1967.98	-0.004	190.5	0.0036				
1968.00	-0.001	190.6	0.0036				
1968.03	0	190.6	0.0071				
1968.07	0	190.8	0.0107				
1968.10	0.002	191	0.0142				
1968.13	0.006	191.3	0.0186				
1968.17	0.006	191.4	0.0213				
1968.20	0.008	191.7	0.0257				
1968.23	0.012	192	0.0257				
1968.27	0.013	192	0.0311				
1968.30	0.013	192.2	0.0337				
1968.33	0.014	192.4	0.0373				
1968.37	0.017	192.7	0.0408				
1968.40	0.018	192.9	0.0435				
1968.43	0.02	193.2	0.047				
1968.47	0.022	193.4	0.047				
1968.50	0.023	193.4	0.0506				
1968.53	0.023	193.6	0.0524				
1968.57	0.024	193.9	0.055				
1968.60	0.026	194.1	0.0577				
1968.63	0.027	194.3	0.0586				
1968.67	0.027	194.5	0.0604				
1968.70	0.028	194.7	0.0604				
1968.73	0.028	194.7	0.0612				
1968.77	0.028	194.8	0.0621				
1968.80	0.029	195	0.063				
1968.83	0.029	195.1	0.063				
1968.87	0.029	195.2	0.063				
1968.90	0.028	195.3	0.063				
1968.93	0.028	195.4	0.063				
1968.97	0.027	195.4	0.0621				
1969.00	0.027	195.4	0.0612				
1969.03	0.027	195.5	0.0604				
1969.07	0.025	195.4	0.0595				
1969.10	0.024	195.4	0.0577				
1969.13	0.023	195.4	0.055				
1969.17	0.021	195.2	0.055				
1969.20	0.019	195.1	0.0533				
1969.23	0.019	195.1	0.0515				
1969.27	0.018	195.1	0.0479				
1969.30	0.016	194.9	0.0444				
1969.33	0.013	194.7	0.0417				
1969.38	0.012	194.6	0.0382				
1969.42	0.011	194.4	0.0373				
1969.45	0.008	194.2	0.0337				
1969.47	0.007	194.1	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1969.50	0.004	193.8	0.0302				
1969.53	0.002	193.6	0.0249				
1969.57	0.002	193.6	0.0222				
1969.60	0.001	193.3	0.0178				
1969.63	-0.002	193	0.0133				
1969.67	-0.004	192.8	0.0107				
1969.70	-0.005	192.6	0.0071				
1969.73	-0.007	192.2	0.0036				
1969.77	-0.009	192	0.0036				
1969.80	-0.009	192	0				
1969.83	-0.01	191.7	-0.0027				
1969.87	-0.012	191.4	-0.0053				
1969.90	-0.014	191.2	-0.008				
1969.93	-0.014	191	-0.0098				
1969.97	-0.015	190.8	-0.0115				
1970.00	-0.016	190.6	-0.0115				
1970.03	-0.017	190.6	-0.0124				
1970.07	-0.017	190.4	-0.0133				
1970.10	-0.017	190.3	-0.0142				
1970.13	-0.017	190.1	-0.0142				
1970.17	-0.017	190	-0.0151				
1970.20	-0.017	189.9	-0.0151				
1970.23	-0.016	189.8	-0.0151				
1970.27	-0.016	189.8	-0.0142				
1970.30	-0.016	189.8	-0.0142				
1970.33	-0.016	189.8	-0.0133				
1970.37	-0.014	189.8	-0.0124				
1970.40	-0.013	189.8	-0.0107				
1970.43	-0.012	189.8	-0.0089				
1970.47	-0.01	189.9	-0.0089				
1970.50	-0.01	189.9	-0.0071				
1970.53	-0.01	190	-0.0044				
1970.57	-0.008	190.1	-0.0018				
1970.60	-0.005	190.3	0.0009				
1970.63	-0.004	190.4	0.0036				
1970.67	-0.002	190.6	0.0071				
1970.70	0.001	190.8	0.0071				
1970.73	0.002	190.8	0.0107				
1970.77	0.002	190.9	0.0142				
1970.80	0.004	191.2	0.0178				
1970.85	0.008	191.4	0.0222				
1970.88	0.008	191.6	0.024				
1970.90	0.009	191.8	0.0284				
1970.93	0.012	192	0.032				
1970.97	0.014	192.3	0.0355				
1971.00	0.015	192.5	0.0391				
1971.03	0.018	192.8	0.0391				
1971.07	0.019	192.8	0.0426				
1971.10	0.019	193	0.0453				
1971.13	0.02	193.3	0.0488				
1971.17	0.023	193.5	0.0515				
1971.20	0.024	193.7	0.0541				
1971.23	0.024	194	0.0559				
1971.27	0.026	194.2	0.0559				
1971.30	0.027	194.4	0.0586				
1971.33	0.027	194.4	0.0604				
1971.37	0.027	194.6	0.0604				
1971.40	0.028	194.8	0.0621				
1971.43	0.029	194.9	0.063				
1971.47	0.029	195	0.0639				
1971.50	0.029	195.2	0.0639				
1971.53	0.029	195.3	0.0639				
1971.57	0.029	195.3	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1971.60	0.028	195.4	0.063				
1971.63	0.027	195.4	0.063				
1971.67	0.027	195.5	0.0621				
1971.70	0.026	195.5	0.0604				
1971.73	0.025	195.4	0.0586				
1971.77	0.023	195.4	0.0586				
1971.80	0.023	195.4	0.0568				
1971.83	0.022	195.4	0.055				
1971.87	0.021	195.2	0.0533				
1971.90	0.018	195.1	0.0506				
1971.93	0.017	195	0.0479				
1971.97	0.016	194.9	0.0444				
1972.00	0.012	194.7	0.0444				
1972.03	0.011	194.7	0.0417				
1972.07	0.011	194.5	0.0391				
1972.10	0.01	194.3	0.0346				
1972.13	0.006	194.1	0.0302				
1972.17	0.005	193.9	0.0275				
1972.20	0.003	193.6	0.0231				
1972.23	0	193.4	0.0231				
1972.27	-0.001	193.4	0.0186				
1972.32	-0.002	192.9	0.0133				
1972.35	-0.005	192.7	0.0133				
1972.37	-0.006	192.7	0.0107				
1972.40	-0.006	192.4	0.0062				
1972.43	-0.007	192.1	0.0027				
1972.47	-0.011	191.8	-0.0009				
1972.50	-0.011	191.6	-0.0027				
1972.53	-0.012	191.4	-0.0053				
1972.57	-0.014	191.2	-0.0053				
1972.60	-0.015	191.2	-0.008				
1972.63	-0.015	191	-0.0089				
1972.67	-0.015	190.7	-0.0115				
1972.70	-0.016	190.5	-0.0124				
1972.73	-0.017	190.4	-0.0133				
1972.77	-0.017	190.2	-0.0142				
1972.80	-0.017	190.1	-0.0142				
1972.83	-0.017	190.1	-0.0142				
1972.87	-0.017	190	-0.0151				
1972.90	-0.017	189.9	-0.0151				
1972.93	-0.016	189.8	-0.0142				
1972.97	-0.016	189.8	-0.0133				
1973.00	-0.015	189.8	-0.0124				
1973.03	-0.014	189.8	-0.0124				
1973.07	-0.013	189.8	-0.0115				
1973.10	-0.013	189.8	-0.0098				
1973.13	-0.012	189.9	-0.008				
1973.17	-0.009	189.9	-0.0053				
1973.20	-0.009	190	-0.0044				
1973.23	-0.007	190.1	-0.0009				
1973.27	-0.004	190.3	-0.0009				
1973.30	-0.003	190.4	0.0027				
1973.33	-0.003	190.4	0.0053				
1973.37	-0.002	190.6	0.008				
1973.40	0.001	190.8	0.0124				
1973.43	0.003	191	0.0151				
1973.47	0.004	191.2	0.0186				
1973.50	0.007	191.5	0.0186				
1973.53	0.01	191.7	0.0231				
1973.57	0.01	191.7	0.0275				
1973.60	0.011	191.9	0.0311				
1973.63	0.014	192.2	0.0355				
1973.67	0.016	192.5	0.0382				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1973.70	0.017	192.7	0.0417				
1973.75	0.019	193	0.0453				
1973.78	0.02	193.2	0.047				
1973.82	0.021	193.4	0.0497				
1973.83	0.023	193.6	0.0533				
1973.87	0.025	193.9	0.0533				
1973.90	0.025	193.9	0.055				
1973.93	0.025	194.1	0.0568				
1973.97	0.026	194.2	0.0586				
1974.00	0.027	194.5	0.0604				
1974.03	0.028	194.6	0.0612				
1974.07	0.028	194.8	0.0621				
1974.10	0.029	194.9	0.0621				
1974.13	0.029	194.9	0.063				
1974.17	0.029	195.1	0.063				
1974.20	0.029	195.2	0.0639				
1974.23	0.029	195.3	0.0639				
1974.27	0.028	195.4	0.063				
1974.30	0.027	195.4	0.0621				
1974.33	0.026	195.5	0.0621				
1974.37	0.025	195.5	0.0612				
1974.40	0.025	195.5	0.0604				
1974.43	0.025	195.5	0.0586				
1974.47	0.023	195.4	0.0568				
1974.50	0.021	195.3	0.055				
1974.53	0.02	195.2	0.0515				
1974.57	0.017	195.1	0.0515				
1974.60	0.017	195.1	0.0488				
1974.63	0.017	195	0.047				
1974.67	0.015	194.8	0.0435				
1974.70	0.011	194.6	0.0399				
1974.73	0.011	194.5	0.0364				
1974.77	0.009	194.2	0.032				
1974.80	0.005	194	0.032				
1974.83	0.004	194	0.0284				
1974.87	0.004	193.8	0.0257				
1974.90	0.002	193.6	0.0213				
1974.93	-0.001	193.3	0.0178				
1974.97	-0.002	193	0.0142				
1975.00	-0.004	192.8	0.0098				
1975.03	-0.006	192.4	0.0098				
1975.07	-0.008	192.2	0.0062				
1975.10	-0.008	192.2	0.0036				
1975.13	-0.009	192	0				
1975.17	-0.011	191.7	-0.0027				
1975.22	-0.012	191.5	-0.0044				
1975.25	-0.013	191.3	-0.0062				
1975.27	-0.014	191	-0.0089				
1975.30	-0.015	190.8	-0.0107				
1975.33	-0.015	190.6	-0.0115				
1975.37	-0.016	190.4	-0.0115				
1975.40	-0.017	190.3	-0.0124				
1975.43	-0.017	190.3	-0.0142				
1975.47	-0.017	190.1	-0.0142				
1975.50	-0.017	190	-0.0151				
1975.53	-0.017	189.9	-0.0142				
1975.57	-0.017	189.8	-0.0142				
1975.60	-0.016	189.8	-0.0142				
1975.63	-0.015	189.8	-0.0142				
1975.67	-0.015	189.8	-0.0133				
1975.70	-0.015	189.7	-0.0124				
1975.73	-0.014	189.7	-0.0107				
1975.77	-0.012	189.8	-0.0089				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1975.80	-0.011	189.8	-0.0071				
1975.83	-0.01	189.9	-0.0044				
1975.87	-0.007	190.1	-0.0044				
1975.90	-0.007	190.1	-0.0018				
1975.93	-0.007	190.1	0				
1975.97	-0.005	190.3	0.0036				
1976.00	-0.002	190.5	0.0062				
1976.03	-0.001	190.6	0.0089				
1976.07	0.001	190.9	0.0133				
1976.10	0.004	191.1	0.0133				
1976.13	0.005	191.1	0.0169				
1976.17	0.005	191.3	0.0195				
1976.20	0.007	191.5	0.024				
1976.23	0.011	191.8	0.0293				
1976.27	0.012	192	0.0328				
1976.30	0.013	192.3	0.0355				
1976.33	0.016	192.5	0.0355				
1976.37	0.017	192.5	0.0399				
1976.40	0.017	192.8	0.0435				
1976.43	0.019	193	0.0462				
1976.47	0.022	193.3	0.0497				
1976.50	0.022	193.5	0.0515				
1976.53	0.023	193.7	0.0541				
1976.57	0.025	194	0.0541				
1976.60	0.026	194	0.0568				
1976.65	0.027	194.4	0.0595				
1976.68	0.027	194.5	0.0595				
1976.72	0.028	194.7	0.0604				
1976.73	0.028	194.7	0.0621				
1976.77	0.028	194.9	0.063				
1976.80	0.029	195	0.063				
1976.83	0.029	195.1	0.063				
1976.87	0.029	195.2	0.0639				
1976.90	0.029	195.3	0.063				
1976.93	0.028	195.4	0.063				
1976.97	0.028	195.4	0.063				
1977.00	0.027	195.5	0.0621				
1977.03	0.026	195.4	0.0604				
1977.07	0.024	195.4	0.0586				
1977.10	0.024	195.4	0.0577				
1977.13	0.023	195.3	0.0559				
1977.17	0.021	195.3	0.0559				
1977.20	0.019	195.3	0.0541				
1977.23	0.019	195.2	0.0506				
1977.27	0.018	195	0.0479				
1977.30	0.015	194.9	0.0453				
1977.33	0.014	194.7	0.0426				
1977.37	0.012	194.5	0.0391				
1977.40	0.009	194.3	0.0391				
1977.43	0.008	194.3	0.0355				
1977.47	0.008	194.1	0.032				
1977.50	0.006	193.9	0.0284				
1977.53	0.002	193.7	0.024				
1977.57	0.001	193.5	0.0204				
1977.60	0	193.2	0.016				
1977.63	-0.004	192.9	0.016				
1977.67	-0.004	192.9	0.0124				
1977.70	-0.004	192.7	0.0089				
1977.73	-0.006	192.3	0.0053				
1977.77	-0.009	192.1	0.0018				
1977.80	-0.01	191.9	-0.0009				
1977.83	-0.011	191.6	-0.0036				
1977.87	-0.013	191.3	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1977.90	-0.014	191.3	-0.0062				
1977.93	-0.014	191.2	-0.008				
1977.97	-0.015	190.9	-0.0098				
1978.00	-0.016	190.7	-0.0115				
1978.03	-0.016	190.5	-0.0124				
1978.07	-0.017	190.3	-0.0133				
1978.12	-0.017	190.2	-0.0142				
1978.15	-0.017	190	-0.0142				
1978.17	-0.017	190	-0.0151				
1978.20	-0.017	189.9	-0.0151				
1978.23	-0.017	189.9	-0.0151				
1978.27	-0.017	189.8	-0.0142				
1978.30	-0.016	189.7	-0.0133				
1978.33	-0.015	189.7	-0.0133				
1978.37	-0.015	189.7	-0.0115				
1978.40	-0.014	189.7	-0.0098				
1978.43	-0.012	189.8	-0.0098				
1978.47	-0.011	189.8	-0.008				
1978.50	-0.011	189.8	-0.0062				
1978.53	-0.009	189.9	-0.0044				
1978.57	-0.007	190.1	-0.0018				
1978.60	-0.006	190.2	0.0009				
1978.63	-0.004	190.3	0.0044				
1978.67	-0.001	190.5	0.0044				
1978.70	0	190.7	0.008				
1978.73	0	190.7	0.0107				
1978.77	0.002	190.9	0.0142				
1978.80	0.005	191.2	0.0186				
1978.83	0.007	191.3	0.0213				
1978.87	0.008	191.5	0.0257				
1978.90	0.011	191.9	0.0257				
1978.93	0.013	192.1	0.0311				
1978.97	0.013	192.1	0.0337				
1979.00	0.014	192.3	0.0373				
1979.03	0.017	192.6	0.0417				
1979.07	0.019	192.9	0.0444				
1979.10	0.02	193.1	0.047				
1979.13	0.021	193.4	0.047				
1979.17	0.023	193.6	0.0497				
1979.20	0.023	193.6	0.0533				
1979.23	0.024	193.8	0.055				
1979.27	0.025	194	0.0577				
1979.30	0.027	194.2	0.0595				
1979.33	0.027	194.4	0.0604				
1979.37	0.028	194.6	0.0621				
1979.40	0.028	194.8	0.0621				
1979.43	0.029	194.8	0.063				
1979.47	0.029	194.9	0.0639				
1979.50	0.029	195	0.063				
1979.53	0.029	195.1	0.0639				
1979.58	0.028	195.2	0.0639				
1979.62	0.028	195.4	0.0639				
1979.63	0.027	195.4	0.063				
1979.67	0.027	195.4	0.0621				
1979.70	0.026	195.4	0.0604				
1979.73	0.024	195.4	0.0604				
1979.77	0.024	195.4	0.0586				
1979.80	0.024	195.4	0.0568				
1979.83	0.022	195.3	0.055				
1979.87	0.02	195.2	0.0524				
1979.90	0.019	195.1	0.0497				
1979.93	0.017	195	0.047				
1979.97	0.014	194.8	0.047				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1980.00	0.013	194.8	0.0435				
1980.03	0.013	194.6	0.0408				
1980.07	0.012	194.5	0.0373				
1980.10	0.008	194.2	0.0337				
1980.13	0.007	194	0.0311				
1980.17	0.005	193.8	0.0257				
1980.20	0.001	193.5	0.0257				
1980.23	0.001	193.5	0.0222				
1980.27	0.001	193.3	0.0186				
1980.30	-0.001	193.1	0.0151				
1980.33	-0.004	192.8	0.0115				
1980.37	-0.006	192.6	0.008				
1980.40	-0.006	192.3	0.0044				
1980.43	-0.009	192	0.0044				
1980.47	-0.011	191.7	0.0009				
1980.50	-0.011	191.7	-0.0018				
1980.53	-0.012	191.5	-0.0044				
1980.57	-0.013	191.2	-0.0071				
1980.60	-0.014	191	-0.0089				
1980.63	-0.015	190.8	-0.0107				
1980.67	-0.016	190.6	-0.0107				
1980.70	-0.017	190.4	-0.0115				
1980.73	-0.017	190.4	-0.0133				
1980.77	-0.017	190.3	-0.0133				
1980.80	-0.017	190.1	-0.0142				
1980.83	-0.017	190	-0.0142				
1980.87	-0.017	189.9	-0.0142				
1980.90	-0.017	189.8	-0.0142				
1980.93	-0.016	189.8	-0.0142				
1980.97	-0.016	189.8	-0.0133				
1981.02	-0.015	189.7	-0.0124				
1981.05	-0.014	189.7	-0.0124				
1981.07	-0.013	189.7	-0.0115				
1981.10	-0.013	189.7	-0.0098				
1981.13	-0.012	189.8	-0.008				
1981.17	-0.01	189.9	-0.0053				
1981.20	-0.008	190	-0.0036				
1981.23	-0.007	190.1	-0.0009				
1981.27	-0.004	190.3	-0.0009				
1981.30	-0.003	190.3	0.0018				
1981.33	-0.003	190.4	0.0053				
1981.37	-0.002	190.6	0.0089				
1981.40	0.002	190.8	0.0124				
1981.43	0.003	191	0.0151				
1981.47	0.004	191.2	0.0195				
1981.50	0.008	191.5	0.0195				
1981.53	0.01	191.5	0.0231				
1981.57	0.01	191.7	0.0275				
1981.60	0.011	191.9	0.0311				
1981.63	0.014	192.2	0.0346				
1981.67	0.015	192.4	0.0373				
1981.70	0.016	192.6	0.0417				
1981.73	0.02	193	0.0417				
1981.77	0.02	193	0.0462				
1981.80	0.02	193.1	0.0479				
1981.83	0.022	193.4	0.0515				
1981.87	0.024	193.7	0.0541				
1981.90	0.025	193.9	0.0559				
1981.93	0.026	194.1	0.0586				
1981.97	0.027	194.3	0.0586				
1982.00	0.027	194.3	0.0604				
1982.03	0.027	194.5	0.0604				
1982.07	0.028	194.6	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1982.10	0.028	194.8	0.063				
1982.13	0.029	194.9	0.063				
1982.17	0.029	195.1	0.063				
1982.20	0.029	195.2	0.063				
1982.23	0.028	195.3	0.0639				
1982.27	0.028	195.3	0.063				
1982.30	0.028	195.4	0.063				
1982.33	0.027	195.4	0.0612				
1982.37	0.026	195.4	0.0604				
1982.40	0.025	195.4	0.0586				
1982.43	0.023	195.3	0.0568				
1982.48	0.022	195.3	0.0559				
1982.52	0.022	195.3	0.0541				
1982.53	0.02	195.1	0.0515				
1982.57	0.018	195	0.0515				
1982.60	0.018	195	0.0488				
1982.63	0.016	194.9	0.0453				
1982.67	0.014	194.7	0.0426				
1982.70	0.011	194.5	0.0391				
1982.73	0.01	194.4	0.0364				
1982.77	0.008	194.1	0.0328				
1982.80	0.005	193.9	0.0328				
1982.83	0.004	193.9	0.0293				
1982.87	0.004	193.7	0.0249				
1982.90	0.002	193.4	0.0213				
1982.93	-0.001	193.2	0.0178				
1982.97	-0.002	193	0.0142				
1983.00	-0.004	192.7	0.0107				
1983.03	-0.006	192.4	0.0107				
1983.07	-0.007	192.4	0.0062				
1983.10	-0.007	192.2	0.0036				
1983.13	-0.009	191.9	0				
1983.17	-0.012	191.6	-0.0027				
1983.20	-0.012	191.4	-0.0053				
1983.23	-0.013	191.2	-0.0071				
1983.27	-0.015	190.9	-0.0071				
1983.30	-0.015	190.9	-0.0098				
1983.33	-0.015	190.7	-0.0107				
1983.37	-0.016	190.5	-0.0124				
1983.40	-0.017	190.4	-0.0133				
1983.43	-0.017	190.2	-0.0142				
1983.47	-0.017	190.1	-0.0142				
1983.50	-0.017	190	-0.0142				
1983.53	-0.017	190	-0.0142				
1983.57	-0.017	189.9	-0.0142				
1983.60	-0.017	189.8	-0.0142				
1983.63	-0.016	189.8	-0.0133				
1983.67	-0.015	189.7	-0.0124				
1983.70	-0.014	189.7	-0.0115				
1983.73	-0.013	189.8	-0.0115				
1983.77	-0.012	189.8	-0.0098				
1983.80	-0.012	189.8	-0.008				
1983.83	-0.011	189.9	-0.0062				
1983.87	-0.008	190	-0.0036				
1983.92	-0.007	190	-0.0018				
1983.95	-0.007	190.1	0				
1983.98	-0.003	190.3	0.0036				
1984.00	-0.003	190.4	0.0062				
1984.03	-0.001	190.6	0.0107				
1984.07	0.003	190.9	0.0107				
1984.10	0.004	191	0.0142				
1984.13	0.004	191	0.0169				
1984.17	0.005	191.3	0.0204				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1984.20	0.009	191.6	0.0249				
1984.23	0.01	191.7	0.0293				
1984.27	0.012	192	0.0328				
1984.30	0.015	192.3	0.0328				
1984.33	0.016	192.5	0.0373				
1984.37	0.016	192.5	0.0399				
1984.40	0.018	192.7	0.0435				
1984.43	0.02	193	0.047				
1984.47	0.021	193.2	0.0488				
1984.50	0.022	193.5	0.0524				
1984.53	0.024	193.8	0.0524				
1984.57	0.026	194	0.055				
1984.60	0.026	194	0.0577				
1984.63	0.026	194.1	0.0586				
1984.67	0.027	194.4	0.0604				
1984.70	0.028	194.5	0.0612				
1984.73	0.028	194.7	0.0621				
1984.77	0.029	194.9	0.0621				
1984.80	0.029	195	0.063				
1984.83	0.029	195	0.063				
1984.87	0.029	195.1	0.0639				
1984.90	0.029	195.2	0.0639				
1984.93	0.028	195.3	0.0639				
1984.97	0.028	195.4	0.0621				
1985.00	0.027	195.4	0.0612				
1985.03	0.025	195.4	0.0612				
1985.07	0.025	195.4	0.0595				
1985.10	0.025	195.4	0.0586				
1985.13	0.023	195.3	0.0559				
1985.17	0.021	195.2	0.0541				
1985.20	0.02	195.1	0.0524				
1985.23	0.019	195	0.0497				
1985.27	0.016	194.9	0.0497				
1985.30	0.015	194.9	0.0462				
1985.33	0.015	194.7	0.0444				
1985.38	0.011	194.4	0.0408				
1985.42	0.01	194.4	0.0391				
1985.43	0.01	194.3	0.0355				
1985.47	0.008	194	0.0311				
1985.50	0.005	193.8	0.0275				
1985.53	0.003	193.6	0.024				
1985.57	0.001	193.3	0.0195				
1985.60	-0.002	193.1	0.0195				
1985.63	-0.003	193.1	0.016				
1985.67	-0.003	192.8	0.0115				
1985.70	-0.005	192.5	0.008				
1985.73	-0.007	192.3	0.0044				
1985.77	-0.009	192	0.0018				
1985.80	-0.009	191.8	0				
1985.83	-0.012	191.5	0				
1985.87	-0.013	191.5	-0.0036				
1985.90	-0.013	191.3	-0.0062				
1985.93	-0.013	191.1	-0.008				
1985.97	-0.015	190.8	-0.0107				
1986.00	-0.016	190.6	-0.0115				
1986.03	-0.016	190.5	-0.0124				
1986.07	-0.017	190.3	-0.0124				
1986.10	-0.018	190.1	-0.0142				
1986.13	-0.018	190.1	-0.0151				
1986.17	-0.017	190	-0.0142				
1986.20	-0.017	189.9	-0.0142				
1986.23	-0.017	189.8	-0.0142				
1986.27	-0.017	189.7	-0.0142				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1986.30	-0.016	189.7	-0.0142				
1986.33	-0.015	189.7	-0.0133				
1986.37	-0.015	189.7	-0.0124				
1986.40	-0.014	189.7	-0.0107				
1986.43	-0.012	189.8	-0.0089				
1986.47	-0.011	189.8	-0.0071				
1986.50	-0.01	189.9	-0.0044				
1986.53	-0.008	190	-0.0027				
1986.57	-0.006	190.1	-0.0027				
1986.60	-0.006	190.1	0				
1986.63	-0.005	190.2	0.0036				
1986.67	-0.002	190.5	0.0071				
1986.70	0	190.6	0.0098				
1986.73	0.001	190.8	0.0133				
1986.77	0.004	191.1	0.0178				
1986.82	0.006	191.3	0.0204				
1986.85	0.007	191.4	0.0222				
1986.88	0.008	191.6	0.0257				
1986.90	0.011	191.9	0.0257				
1986.93	0.013	191.9	0.0311				
1986.97	0.013	192.1	0.0346				
1987.00	0.015	192.4	0.0382				
1987.03	0.017	192.7	0.0417				
1987.07	0.018	192.9	0.0444				
1987.10	0.02	193.1	0.0479				
1987.13	0.022	193.4	0.0479				
1987.17	0.023	193.4	0.0506				
1987.20	0.023	193.6	0.0533				
1987.23	0.024	193.9	0.0559				
1987.27	0.026	194.1	0.0577				
1987.30	0.027	194.3	0.0595				
1987.33	0.027	194.4	0.0604				
1987.37	0.028	194.6	0.0604				
1987.40	0.028	194.6	0.0621				
1987.43	0.028	194.8	0.063				
1987.47	0.029	194.9	0.063				
1987.50	0.029	195	0.0639				
1987.53	0.029	195.1	0.0639				
1987.57	0.029	195.2	0.0639				
1987.60	0.028	195.3	0.0639				
1987.63	0.027	195.4	0.063				
1987.67	0.027	195.4	0.0621				
1987.70	0.026	195.4	0.0612				
1987.73	0.025	195.4	0.0595				
1987.77	0.024	195.3	0.0577				
1987.80	0.023	195.3	0.055				
1987.83	0.021	195.1	0.055				
1987.87	0.019	195.1	0.0533				
1987.90	0.019	195.1	0.0515				
1987.93	0.018	195	0.0488				
1987.97	0.016	194.8	0.0453				
1988.00	0.013	194.7	0.0426				
1988.03	0.012	194.5	0.0391				
1988.07	0.01	194.3	0.0355				
1988.10	0.007	194.1	0.0355				
1988.13	0.007	194.1	0.032				
1988.17	0.006	193.9	0.0293				
1988.20	0.004	193.6	0.024				
1988.23	0.001	193.4	0.0204				
1988.28	-0.001	193.2	0.0151				
1988.32	-0.002	192.9	0.0142				
1988.33	-0.004	192.7	0.0107				
1988.37	-0.006	192.4	0.0071				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1988.40	-0.007	192.1	0.0044				
1988.43	-0.009	191.9	0.0044				
1988.47	-0.01	191.9	0.0009				
1988.50	-0.01	191.6	-0.0018				
1988.53	-0.012	191.4	-0.0044				
1988.57	-0.014	191.2	-0.0071				
1988.60	-0.014	190.9	-0.0089				
1988.63	-0.015	190.7	-0.0098				
1988.67	-0.016	190.5	-0.0098				
1988.70	-0.016	190.5	-0.0115				
1988.73	-0.016	190.4	-0.0133				
1988.77	-0.017	190.2	-0.0142				
1988.80	-0.017	190	-0.0142				
1988.83	-0.017	189.9	-0.0142				
1988.87	-0.017	189.8	-0.0142				
1988.90	-0.016	189.8	-0.0142				
1988.93	-0.016	189.8	-0.0142				
1988.97	-0.016	189.7	-0.0133				
1989.00	-0.016	189.7	-0.0115				
1989.03	-0.014	189.7	-0.0115				
1989.07	-0.014	189.7	-0.0107				
1989.10	-0.013	189.7	-0.0089				
1989.13	-0.011	189.8	-0.0089				
1989.17	-0.009	189.8	-0.0062				
1989.20	-0.009	189.9	-0.0036				
1989.23	-0.008	190	-0.0018				
1989.27	-0.005	190.1	0.0009				
1989.30	-0.004	190.3	0.0036				
1989.33	-0.003	190.4	0.0071				
1989.37	0.001	190.6	0.0071				
1989.40	0.002	190.6	0.0107				
1989.43	0.002	190.8	0.0142				
1989.47	0.003	191	0.0178				
1989.50	0.007	191.3	0.0222				
1989.53	0.009	191.5	0.0257				
1989.57	0.01	191.7	0.0302				
1989.60	0.013	192	0.0302				
1989.63	0.015	192.3	0.0337				
1989.67	0.015	192.3	0.0373				
1989.70	0.016	192.5	0.0408				
1989.75	0.019	193	0.0444				
1989.78	0.019	193	0.0462				
1989.80	0.02	193.2	0.0488				
1989.83	0.023	193.5	0.0524				
1989.87	0.024	193.7	0.0541				
1989.90	0.024	193.9	0.0559				
1989.93	0.026	194.1	0.0559				
1989.97	0.027	194.3	0.0586				
1990.00	0.027	194.3	0.0604				
1990.03	0.027	194.5	0.0612				
1990.07	0.028	194.7	0.063				
1990.10	0.029	194.8	0.063				
1990.13	0.029	194.9	0.0639				
1990.17	0.029	195.1	0.0639				
1990.20	0.029	195.2	0.0639				
1990.23	0.029	195.2	0.0639				
1990.27	0.028	195.2	0.0639				
1990.30	0.028	195.3	0.063				
1990.33	0.027	195.4	0.0621				
1990.37	0.026	195.4	0.0604				
1990.40	0.025	195.3	0.0586				
1990.43	0.023	195.3	0.0586				
1990.47	0.022	195.3	0.0577				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1990.50	0.022	195.2	0.0559				
1990.53	0.021	195.1	0.0533				
1990.57	0.018	195	0.0506				
1990.60	0.017	194.9	0.0479				
1990.63	0.015	194.7	0.0444				
1990.67	0.013	194.6	0.0444				
1990.70	0.011	194.6	0.0417				
1990.73	0.011	194.4	0.0382				
1990.77	0.01	194.1	0.0346				
1990.80	0.006	194	0.0311				
1990.83	0.005	193.8	0.0284				
1990.87	0.003	193.5	0.0231				
1990.90	0	193.2	0.0231				
1990.93	-0.001	193.2	0.0186				
1990.97	-0.001	193	0.0151				
1991.00	-0.003	192.7	0.0115				
1991.03	-0.006	192.4	0.008				
1991.07	-0.007	192.2	0.0044				
1991.10	-0.008	191.9	0.0009				
1991.13	-0.011	191.7	0.0009				
1991.18	-0.011	191.4	-0.0036				
1991.22	-0.012	191.2	-0.0053				
1991.25	-0.014	191	-0.0053				
1991.27	-0.015	191	-0.008				
1991.30	-0.015	190.8	-0.0098				
1991.33	-0.015	190.6	-0.0107				
1991.37	-0.016	190.4	-0.0124				
1991.40	-0.017	190.3	-0.0133				
1991.43	-0.017	190.1	-0.0133				
1991.47	-0.017	190	-0.0133				
1991.50	-0.017	190	-0.0142				
1991.53	-0.017	189.9	-0.0142				
1991.57	-0.017	189.8	-0.0142				
1991.60	-0.016	189.7	-0.0142				
1991.63	-0.016	189.7	-0.0133				
1991.67	-0.015	189.6	-0.0124				
1991.70	-0.014	189.7	-0.0124				
1991.73	-0.013	189.7	-0.0107				
1991.77	-0.013	189.7	-0.0098				
1991.80	-0.012	189.7	-0.008				
1991.83	-0.01	189.8	-0.0053				
1991.87	-0.008	189.9	-0.0036				
1991.90	-0.008	190	-0.0009				
1991.93	-0.005	190.2	-0.0009				
1991.97	-0.003	190.3	0.0018				
1992.00	-0.003	190.3	0.0053				
1992.03	-0.002	190.5	0.0089				
1992.07	0.002	190.7	0.0124				
1992.10	0.003	190.9	0.0151				
1992.13	0.005	191.1	0.0195				
1992.17	0.008	191.4	0.0195				
1992.20	0.01	191.6	0.0231				
1992.23	0.01	191.6	0.0275				
1992.27	0.011	191.8	0.0311				
1992.30	0.014	192.1	0.0355				
1992.33	0.016	192.4	0.0391				
1992.37	0.017	192.6	0.0417				
1992.40	0.019	192.9	0.0462				
1992.43	0.021	193.1	0.0462				
1992.47	0.021	193.1	0.0488				
1992.50	0.022	193.4	0.0515				
1992.53	0.023	193.6	0.0541				
1992.57	0.025	193.8	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1992.60	0.026	194	0.0586				
1992.65	0.027	194.3	0.0604				
1992.68	0.027	194.4	0.0604				
1992.70	0.028	194.6	0.0621				
1992.73	0.028	194.7	0.063				
1992.77	0.029	194.9	0.063				
1992.80	0.029	194.9	0.0639				
1992.83	0.029	195	0.0639				
1992.87	0.029	195.1	0.0639				
1992.90	0.029	195.2	0.0639				
1992.93	0.028	195.3	0.063				
1992.97	0.028	195.4	0.0621				
1993.00	0.027	195.4	0.0621				
1993.03	0.025	195.4	0.0612				
1993.07	0.025	195.4	0.0604				
1993.10	0.025	195.4	0.0586				
1993.13	0.022	195.2	0.0568				
1993.17	0.021	195.2	0.055				
1993.20	0.02	195.1	0.0524				
1993.23	0.018	195	0.0524				
1993.27	0.016	195	0.0497				
1993.30	0.016	194.9	0.047				
1993.33	0.015	194.7	0.0435				
1993.37	0.012	194.5	0.0399				
1993.40	0.01	194.3	0.0373				
1993.43	0.009	194.2	0.0337				
1993.47	0.005	193.9	0.0337				
1993.50	0.004	193.7	0.0302				
1993.53	0.004	193.7	0.0257				
1993.57	0.002	193.5	0.0222				
1993.60	0	193.2	0.0178				
1993.63	-0.003	192.9	0.0142				
1993.67	-0.003	192.7	0.0115				
1993.70	-0.006	192.4	0.0115				
1993.73	-0.008	192.1	0.0071				
1993.77	-0.008	192.1	0.0036				
1993.80	-0.009	191.9	0				
1993.83	-0.011	191.6	-0.0027				
1993.87	-0.012	191.4	-0.0044				
1993.90	-0.013	191.2	-0.0071				
1993.93	-0.015	190.9	-0.0071				
1993.97	-0.016	190.6	-0.0098				
1994.00	-0.016	190.6	-0.0107				
1994.03	-0.016	190.5	-0.0115				
1994.08	-0.017	190.2	-0.0124				
1994.12	-0.017	190.2	-0.0133				
1994.15	-0.017	190	-0.0133				
1994.17	-0.017	189.9	-0.0142				
1994.20	-0.017	189.8	-0.0142				
1994.23	-0.017	189.7	-0.0142				
1994.27	-0.016	189.7	-0.0133				
1994.30	-0.016	189.6	-0.0133				
1994.33	-0.015	189.6	-0.0124				
1994.37	-0.015	189.6	-0.0115				
1994.40	-0.014	189.7	-0.0107				
1994.43	-0.012	189.7	-0.0089				
1994.47	-0.011	189.7	-0.0071				
1994.50	-0.01	189.8	-0.0044				
1994.53	-0.008	190	-0.0044				
1994.57	-0.006	190	-0.0027				
1994.60	-0.006	190.1	0				
1994.63	-0.005	190.2	0.0036				
1994.67	-0.002	190.4	0.0062				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1994.70	0	190.6	0.0098				
1994.73	0.001	190.7	0.0133				
1994.77	0.004	191	0.0133				
1994.80	0.006	191	0.0169				
1994.83	0.006	191.2	0.0204				
1994.87	0.007	191.4	0.0249				
1994.90	0.011	191.7	0.0293				
1994.93	0.012	191.9	0.0328				
1994.97	0.013	192.1	0.0364				
1995.00	0.016	192.4	0.0364				
1995.03	0.018	192.7	0.0399				
1995.07	0.018	192.7	0.0435				
1995.10	0.019	192.9	0.0462				
1995.13	0.021	193.2	0.0497				
1995.17	0.023	193.4	0.0524				
1995.20	0.024	193.6	0.055				
1995.23	0.025	193.9	0.055				
1995.27	0.026	194.1	0.0568				
1995.30	0.026	194.1	0.0586				
1995.33	0.027	194.3	0.0604				
1995.37	0.028	194.5	0.0621				
1995.40	0.029	194.6	0.063				
1995.43	0.028	194.8	0.063				
1995.47	0.028	194.9	0.0639				
1995.50	0.029	195	0.0639				
1995.55	0.029	195.1	0.0639				
1995.58	0.029	195.2	0.0639				
1995.60	0.028	195.3	0.0639				
1995.63	0.028	195.3	0.0639				
1995.67	0.028	195.4	0.0621				
1995.70	0.026	195.3	0.0612				
1995.73	0.025	195.4	0.0595				
1995.77	0.024	195.3	0.0577				
1995.80	0.023	195.3	0.0568				
1995.83	0.021	195.2	0.0568				
1995.87	0.02	195.2	0.0541				
1995.90	0.02	195.1	0.0524				
1995.93	0.018	194.9	0.0488				
1995.97	0.015	194.8	0.0453				
1996.00	0.014	194.7	0.0426				
1996.03	0.012	194.4	0.0399				
1996.07	0.009	194.3	0.0399				
1996.10	0.008	194.3	0.0355				
1996.13	0.008	194.1	0.0328				
1996.17	0.006	193.8	0.0293				
1996.20	0.003	193.6	0.024				
1996.23	0.002	193.4	0.0213				
1996.27	0	193.1	0.016				
1996.30	-0.004	192.8	0.016				
1996.33	-0.005	192.8	0.0124				
1996.37	-0.005	192.6	0.0089				
1996.40	-0.006	192.3	0.0053				
1996.43	-0.009	192	0.0027				
1996.47	-0.01	191.8	0				
1996.50	-0.011	191.5	-0.0027				
1996.53	-0.013	191.3	-0.0027				
1996.57	-0.014	191.3	-0.0053				
1996.60	-0.014	191	-0.0071				
1996.63	-0.014	190.8	-0.0098				
1996.67	-0.016	190.6	-0.0107				
1996.70	-0.016	190.4	-0.0124				
1996.73	-0.017	190.2	-0.0133				
1996.77	-0.018	190.1	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1996.80	-0.017	190.1	-0.0142				
1996.83	-0.017	190	-0.0142				
1996.87	-0.017	189.9	-0.0142				
1996.90	-0.017	189.8	-0.0142				
1996.93	-0.016	189.7	-0.0133				
1996.98	-0.016	189.7	-0.0124				
1997.02	-0.015	189.6	-0.0124				
1997.05	-0.015	189.6	-0.0107				
1997.07	-0.014	189.6	-0.0098				
1997.10	-0.011	189.7	-0.0098				
1997.13	-0.011	189.7	-0.008				
1997.17	-0.011	189.7	-0.0071				
1997.20	-0.01	189.8	-0.0036				
1997.23	-0.007	190	-0.0009				
1997.27	-0.006	190.1	0.0018				
1997.30	-0.004	190.2	0.0044				
1997.33	-0.001	190.4	0.0044				
1997.37	0	190.6	0.008				
1997.40	0	190.6	0.0107				
1997.43	0.002	190.8	0.0151				
1997.47	0.005	191.1	0.0195				
1997.50	0.007	191.3	0.0222				
1997.53	0.008	191.5	0.0275				
1997.57	0.011	191.8	0.0275				
1997.60	0.013	192	0.032				
1997.63	0.013	192	0.0346				
1997.67	0.014	192.3	0.0382				
1997.70	0.017	192.6	0.0426				
1997.73	0.019	192.8	0.0453				
1997.77	0.02	193	0.0479				
1997.80	0.022	193.3	0.0479				
1997.83	0.024	193.5	0.0506				
1997.87	0.024	193.5	0.0533				
1997.90	0.024	193.7	0.0559				
1997.93	0.025	194	0.0586				
1997.97	0.027	194.2	0.0604				
1998.00	0.027	194.4	0.0612				
1998.03	0.028	194.5	0.0612				
1998.07	0.029	194.7	0.0621				
1998.10	0.029	194.7	0.0639				
1998.13	0.029	194.8	0.0639				
1998.17	0.029	195	0.0648				
1998.20	0.029	195.1	0.0648				
1998.23	0.029	195.2	0.0648				
1998.27	0.028	195.2	0.0639				
1998.30	0.027	195.3	0.0639				
1998.33	0.026	195.3	0.063				
1998.37	0.026	195.3	0.0612				
1998.40	0.026	195.3	0.0604				
1998.45	0.023	195.2	0.0586				
1998.48	0.023	195.3	0.0577				
1998.50	0.022	195.2	0.055				
1998.53	0.019	195.1	0.0524				
1998.57	0.019	195	0.0506				
1998.60	0.017	194.8	0.0479				
1998.63	0.014	194.7	0.0479				
1998.67	0.013	194.7	0.0444				
1998.70	0.013	194.5	0.0417				
1998.73	0.011	194.3	0.0391				
1998.77	0.008	194.1	0.0346				
1998.80	0.007	194	0.032				
1998.83	0.005	193.7	0.0275				
1998.87	0.001	193.4	0.0275				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1998.90	0.001	193.4	0.0222				
1998.93	0.001	193.3	0.0195				
1998.97	-0.001	193	0.0151				
1999.00	-0.005	192.7	0.0107				
1999.03	-0.005	192.4	0.008				
1999.07	-0.007	192.2	0.0053				
1999.10	-0.01	191.9	0.0053				
1999.13	-0.01	191.7	0.0009				
1999.17	-0.01	191.7	-0.0009				
1999.20	-0.011	191.4	-0.0036				
1999.23	-0.014	191.2	-0.0071				
1999.27	-0.014	190.9	-0.008				
1999.30	-0.015	190.7	-0.0098				
1999.33	-0.016	190.5	-0.0098				
1999.37	-0.017	190.3	-0.0115				
1999.40	-0.017	190.3	-0.0124				
1999.43	-0.017	190.2	-0.0133				
1999.47	-0.017	190	-0.0133				
1999.50	-0.017	189.9	-0.0142				
1999.53	-0.017	189.8	-0.0142				
1999.57	-0.017	189.7	-0.0142				
1999.60	-0.016	189.7	-0.0133				
1999.63	-0.016	189.7	-0.0133				
1999.67	-0.016	189.6	-0.0124				
1999.70	-0.015	189.7	-0.0107				
1999.73	-0.013	189.7	-0.0098				
1999.77	-0.013	189.7	-0.0089				
1999.80	-0.011	189.8	-0.0053				
1999.83	-0.009	189.9	-0.0053				
1999.87	-0.009	189.9	-0.0036				
1999.92	-0.006	190	0				
1999.95	-0.005	190.2	0				
1999.97	-0.004	190.2	0.0027				
2000.00	-0.004	190.3	0.0053				
2000.03	-0.002	190.5	0.0089				
2000.07	0.002	190.7	0.0133				
2000.10	0.003	190.9	0.016				
2000.13	0.004	191.2	0.0195				
2000.17	0.008	191.4	0.0195				
2000.20	0.009	191.4	0.024				
2000.23	0.009	191.6	0.0284				
2000.27	0.011	191.9	0.0328				
2000.30	0.014	192.1	0.0364				
2000.33	0.015	192.3	0.0391				
2000.37	0.017	192.6	0.0426				
2000.40	0.02	192.9	0.0426				
2000.43	0.02	192.9	0.0462				
2000.47	0.02	193.1	0.0488				
2000.50	0.022	193.4	0.0515				
2000.53	0.024	193.6	0.0541				
2000.57	0.025	193.8	0.0568				
2000.60	0.026	194	0.0586				
2000.63	0.027	194.2	0.0586				
2000.67	0.027	194.2	0.0604				
2000.70	0.027	194.4	0.0621				
2000.73	0.028	194.6	0.0621				
2000.77	0.029	194.7	0.0639				
2000.80	0.029	194.9	0.0639				
2000.83	0.029	195	0.0639				
2000.87	0.029	195.1	0.0639				
2000.90	0.029	195.1	0.0639				
2000.93	0.029	195.2	0.0639				
2000.97	0.028	195.2	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2001.00	0.027	195.3	0.0621				
2001.03	0.026	195.3	0.0604				
2001.07	0.025	195.3	0.0595				
2001.10	0.023	195.2	0.0595				
2001.13	0.022	195.2	0.0577				
2001.17	0.022	195.2	0.0559				
2001.20	0.021	195.1	0.0533				
2001.23	0.018	194.9	0.0506				
2001.27	0.017	194.8	0.0488				
2001.30	0.016	194.7	0.0453				
2001.35	0.012	194.5	0.0417				
2001.38	0.012	194.4	0.0408				
2001.42	0.011	194.3	0.0373				
2001.43	0.007	194	0.0373				
2001.47	0.006	193.8	0.0328				
2001.50	0.006	193.8	0.0302				
2001.53	0.005	193.7	0.0249				
2001.57	0.002	193.3	0.0213				
2001.60	-0.001	193.1	0.0178				
2001.63	-0.002	192.9	0.0142				
2001.67	-0.005	192.5	0.0142				
2001.70	-0.006	192.3	0.0098				
2001.73	-0.006	192.3	0.0071				
2001.77	-0.007	192.1	0.0036				
2001.80	-0.01	191.8	0				
2001.83	-0.012	191.5	-0.0027				
2001.87	-0.012	191.3	-0.0044				
2001.90	-0.014	191	-0.0044				
2001.93	-0.015	190.8	-0.0071				
2001.97	-0.015	190.8	-0.0089				
2002.00	-0.015	190.6	-0.0107				
2002.03	-0.016	190.4	-0.0115				
2002.07	-0.017	190.3	-0.0133				
2002.10	-0.017	190.1	-0.0133				
2002.13	-0.017	190	-0.0133				
2002.17	-0.017	189.9	-0.0133				
2002.20	-0.017	189.9	-0.0133				
2002.23	-0.017	189.8	-0.0133				
2002.27	-0.017	189.7	-0.0133				
2002.30	-0.016	189.7	-0.0133				
2002.33	-0.015	189.6	-0.0124				
2002.37	-0.014	189.6	-0.0107				
2002.40	-0.013	189.7	-0.0107				
2002.43	-0.012	189.7	-0.0089				
2002.47	-0.012	189.7	-0.008				
2002.50	-0.011	189.8	-0.0053				
2002.53	-0.009	189.9	-0.0036				
2002.57	-0.007	190	-0.0009				
2002.60	-0.006	190.2	0.0027				
2002.63	-0.002	190.3	0.0027				
2002.67	-0.001	190.3	0.0062				
2002.70	-0.001	190.4	0.0089				
2002.73	0	190.7	0.0115				
2002.77	0.003	190.9	0.016				
2002.82	0.005	191.1	0.0195				
2002.85	0.005	191.2	0.0213				
2002.87	0.009	191.5	0.0249				
2002.90	0.01	191.7	0.0302				
2002.93	0.012	192	0.0337				
2002.97	0.015	192.2	0.0337				
2003.00	0.016	192.2	0.0373				
2003.03	0.016	192.4	0.0399				
2003.07	0.017	192.7	0.0435				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2003.10	0.02	193	0.0479				
2003.13	0.021	193.2	0.0497				
2003.17	0.022	193.4	0.0533				
2003.20	0.025	193.7	0.0533				
2003.23	0.025	193.7	0.0559				
2003.27	0.025	193.9	0.0568				
2003.30	0.026	194.1	0.0595				
2003.33	0.027	194.3	0.0612				
2003.37	0.028	194.5	0.0621				
2003.40	0.028	194.6	0.063				
2003.43	0.029	194.8	0.063				
2003.47	0.029	194.8	0.0639				
2003.50	0.029	194.9	0.0639				
2003.53	0.029	195	0.0639				
2003.57	0.029	195.1	0.0639				
2003.60	0.028	195.2	0.0639				
2003.63	0.028	195.3	0.063				
2003.67	0.026	195.2	0.063				
2003.70	0.025	195.2	0.0612				
2003.73	0.025	195.2	0.0604				
2003.77	0.025	195.2	0.0595				
2003.80	0.023	195.2	0.0568				
2003.83	0.021	195.1	0.055				
2003.87	0.02	195	0.0524				
2003.90	0.018	194.9	0.0524				
2003.93	0.016	194.8	0.0497				
2003.97	0.016	194.8	0.047				
2004.00	0.015	194.7	0.0444				
2004.03	0.012	194.4	0.0408				
2004.07	0.01	194.3	0.0382				
2004.10	0.009	194.1	0.0337				
2004.13	0.005	193.8	0.0337				
2004.17	0.004	193.6	0.0293				
2004.20	0.004	193.6	0.0257				
2004.25	0.001	193.2	0.0222				
2004.28	-0.001	193	0.0204				
2004.32	-0.001	193	0.0169				
2004.33	-0.003	192.7	0.0115				
2004.37	-0.005	192.4	0.008				
2004.40	-0.007	192.1	0.0053				
2004.43	-0.008	191.9	0.0027				
2004.47	-0.01	191.6	-0.0009				
2004.50	-0.012	191.4	-0.0009				
2004.53	-0.013	191.4	-0.0036				
2004.57	-0.013	191.2	-0.0053				
2004.60	-0.014	190.9	-0.0071				
2004.63	-0.015	190.7	-0.0098				
2004.67	-0.016	190.5	-0.0107				
2004.70	-0.016	190.3	-0.0124				
2004.73	-0.017	190.2	-0.0124				
2004.77	-0.017	190.2	-0.0133				
2004.80	-0.017	190	-0.0133				
2004.83	-0.017	189.9	-0.0133				
2004.87	-0.017	189.8	-0.0142				
2004.90	-0.017	189.7	-0.0142				
2004.93	-0.016	189.7	-0.0133				
2004.97	-0.015	189.6	-0.0133				
2005.00	-0.015	189.6	-0.0124				
2005.03	-0.015	189.6	-0.0115				
2005.07	-0.014	189.6	-0.0098				
2005.10	-0.012	189.7	-0.008				
2005.13	-0.011	189.7	-0.0071				
2005.17	-0.01	189.8	-0.0044				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2005.20	-0.007	189.9	-0.0044				
2005.23	-0.007	189.9	-0.0018				
2005.27	-0.007	190	0.0009				
2005.30	-0.005	190.2	0.0036				
2005.33	-0.002	190.4	0.0071				
2005.37	-0.001	190.5	0.0098				
2005.40	0.001	190.7	0.0133				
2005.43	0.005	191	0.0133				
2005.47	0.005	191	0.0178				
2005.50	0.005	191.2	0.0204				
2005.53	0.007	191.4	0.0249				
2005.57	0.011	191.6	0.0293				
2005.60	0.012	191.9	0.0328				
2005.63	0.013	192.1	0.0364				
2005.67	0.017	192.4	0.0364				
2005.72	0.018	192.6	0.0426				
2005.75	0.018	192.8	0.0444				
2005.77	0.021	193.1	0.0444				
2005.80	0.022	193.3	0.0479				
2005.83	0.022	193.3	0.0506				
2005.87	0.023	193.5	0.0533				
2005.90	0.024	193.8	0.0559				
2005.93	0.026	194	0.0586				
2005.97	0.026	194.1	0.0595				
2006.00	0.027	194.4	0.0595				
2006.03	0.028	194.5	0.0612				
2006.07	0.028	194.5	0.063				
2006.10	0.028	194.7	0.063				
2006.13	0.028	194.8	0.0639				
2006.17	0.029	195	0.0639				
2006.20	0.029	195.1	0.0648				
2006.23	0.029	195.2	0.0639				
2006.27	0.028	195.2	0.0639				
2006.30	0.027	195.2	0.0639				
2006.33	0.027	195.3	0.063				
2006.37	0.027	195.3	0.0612				
2006.40	0.025	195.2	0.0595				
2006.43	0.024	195.2	0.0586				
2006.47	0.023	195.2	0.0559				
2006.50	0.02	195.1	0.0559				
2006.53	0.02	195.1	0.0541				
2006.57	0.02	195	0.0515				
2006.60	0.018	194.9	0.0488				
2006.63	0.015	194.7	0.0453				
2006.67	0.014	194.6	0.0435				
2006.70	0.012	194.4	0.0391				
2006.73	0.009	194.2	0.0391				
2006.77	0.008	194.2	0.0355				
2006.80	0.008	194	0.0328				
2006.83	0.006	193.7	0.0293				
2006.87	0.002	193.5	0.024				
2006.90	0.002	193.3	0.0213				
2006.93	0	193	0.0169				
2006.97	-0.004	192.7	0.0169				
2007.00	-0.005	192.7	0.0124				
2007.03	-0.005	192.5	0.0098				
2007.07	-0.006	192.3	0.0062				
2007.10	-0.009	192	0.0027				
2007.13	-0.01	191.7	0				
2007.18	-0.011	191.5	-0.0018				
2007.22	-0.012	191.3	-0.0036				
2007.23	-0.013	191.1	-0.0062				
2007.27	-0.014	190.8	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2007.30	-0.016	190.6	-0.008				
2007.33	-0.016	190.6	-0.0107				
2007.37	-0.016	190.4	-0.0115				
2007.40	-0.017	190.2	-0.0124				
2007.43	-0.017	190.1	-0.0133				
2007.47	-0.017	189.9	-0.0142				
2007.50	-0.017	189.8	-0.0142				
2007.53	-0.017	189.7	-0.0142				
2007.57	-0.017	189.7	-0.0142				
2007.60	-0.017	189.7	-0.0142				
2007.63	-0.016	189.6	-0.0133				
2007.67	-0.015	189.6	-0.0124				
2007.70	-0.014	189.6	-0.0115				
2007.73	-0.014	189.6	-0.0089				
2007.77	-0.012	189.7	-0.0089				
2007.80	-0.011	189.7	-0.008				
2007.83	-0.011	189.7	-0.0062				
2007.87	-0.01	189.8	-0.0036				
2007.90	-0.007	189.9	-0.0009				
2007.93	-0.005	190	0.0018				
2007.97	-0.004	190.2	0.0053				
2008.00	-0.001	190.4	0.0053				
2008.03	0	190.6	0.008				
2008.07	0	190.6	0.0107				
2008.10	0.002	190.7	0.0151				
2008.13	0.005	191	0.0186				
2008.17	0.007	191.2	0.0222				
2008.20	0.008	191.4	0.0257				
2008.23	0.011	191.7	0.0257				
2008.27	0.013	192	0.0311				
2008.30	0.013	192	0.0346				
2008.33	0.014	192.2	0.0373				
2008.37	0.016	192.5	0.0417				
2008.40	0.019	192.7	0.0444				
2008.43	0.02	192.9	0.0479				
2008.47	0.022	193.2	0.0479				
2008.50	0.023	193.4	0.0506				
2008.53	0.023	193.4	0.0533				
2008.57	0.024	193.6	0.0559				
2008.62	0.026	194.1	0.0577				
2008.65	0.026	194.1	0.0595				
2008.67	0.027	194.3	0.0604				
2008.70	0.028	194.5	0.0621				
2008.73	0.028	194.6	0.063				
2008.77	0.028	194.8	0.063				
2008.80	0.029	194.9	0.0639				
2008.83	0.029	195	0.0639				
2008.87	0.029	195	0.0639				
2008.90	0.029	195.1	0.0639				
2008.93	0.029	195.2	0.0639				
2008.97	0.027	195.2	0.063				
2009.00	0.027	195.3	0.0621				
2009.03	0.026	195.2	0.0604				
2009.07	0.024	195.2	0.0604				
2009.10	0.023	195.2	0.0586				
2009.13	0.023	195.2	0.0577				
2009.17	0.022	195.1	0.055				
2009.20	0.02	195	0.0533				
2009.23	0.019	195	0.0506				
2009.27	0.017	194.8	0.047				
2009.30	0.014	194.6	0.047				
2009.33	0.013	194.6	0.0444				
2009.37	0.013	194.5	0.0426				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2009.40	0.012	194.3	0.0382				
2009.43	0.008	194.1	0.0346				
2009.47	0.007	193.9	0.032				
2009.50	0.005	193.7	0.0275				
2009.53	0.002	193.4	0.0275				
2009.57	0	193.4	0.0231				
2009.60	0	193.2	0.0195				
2009.63	-0.001	193	0.016				
2009.67	-0.004	192.6	0.0115				
2009.70	-0.005	192.4	0.008				
2009.73	-0.007	192.2	0.0044				
2009.77	-0.01	191.8	0.0044				
2009.80	-0.01	191.6	0.0018				
2009.83	-0.01	191.6	-0.0009				
2009.87	-0.011	191.4	-0.0036				
2009.90	-0.013	191.1	-0.0062				
2009.93	-0.015	190.9	-0.008				
2009.97	-0.015	190.7	-0.0098				
2010.00	-0.016	190.5	-0.0098				
2010.03	-0.017	190.3	-0.0115				
2010.08	-0.017	190.2	-0.0124				
2010.12	-0.017	190	-0.0133				
2010.13	-0.017	189.9	-0.0133				
2010.17	-0.017	189.9	-0.0142				
2010.20	-0.017	189.8	-0.0142				
2010.23	-0.017	189.7	-0.0142				
2010.27	-0.017	189.6	-0.0133				
2010.30	-0.016	189.6	-0.0124				
2010.33	-0.015	189.6	-0.0115				
2010.37	-0.014	189.6	-0.0115				
2010.40	-0.013	189.6	-0.0107				
2010.43	-0.013	189.6	-0.0089				
2010.47	-0.012	189.6	-0.0071				
2010.50	-0.009	189.8	-0.0053				
2010.53	-0.009	189.8	-0.0027				
2010.57	-0.007	190	0				
2010.60	-0.004	190.1	0				
2010.63	-0.003	190.1	0.0036				
2010.67	-0.003	190.2	0.0062				
2010.70	-0.002	190.4	0.0089				
2010.73	0.002	190.6	0.0133				
2010.77	0.002	190.8	0.016				
2010.80	0.004	191.1	0.0204				
2010.83	0.008	191.3	0.0204				
2010.87	0.009	191.3	0.024				
2010.90	0.009	191.5	0.0284				
2010.93	0.011	191.7	0.032				
2010.97	0.014	192	0.0364				
2011.00	0.015	192.2	0.0391				
2011.03	0.017	192.5	0.0426				
2011.07	0.02	192.8	0.0426				
2011.10	0.02	192.8	0.0462				
2011.13	0.02	193	0.0488				
2011.17	0.022	193.3	0.0515				
2011.20	0.024	193.5	0.0541				
2011.23	0.025	193.7	0.0568				
2011.27	0.026	193.9	0.0586				
2011.30	0.027	194.2	0.0586				
2011.33	0.028	194.2	0.0612				
2011.37	0.028	194.3	0.0612				
2011.40	0.028	194.5	0.063				
2011.43	0.029	194.7	0.0639				
2011.47	0.029	194.8	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2011.52	0.029	194.9	0.0639				
2011.55	0.029	195	0.0639				
2011.58	0.029	195.1	0.0639				
2011.60	0.028	195.2	0.0639				
2011.63	0.028	195.2	0.0639				
2011.67	0.026	195.2	0.063				
2011.70	0.026	195.2	0.0612				
2011.73	0.026	195.2	0.0604				
2011.77	0.024	195.2	0.0586				
2011.80	0.022	195.1	0.0568				
2011.83	0.022	195.1	0.0541				
2011.87	0.02	195	0.0541				
2011.90	0.017	194.9	0.0524				
2011.93	0.017	194.9	0.0497				
2011.97	0.017	194.8	0.047				
2012.00	0.014	194.6	0.0435				
2012.03	0.011	194.4	0.0399				
2012.07	0.011	194.2	0.0373				
2012.10	0.008	194	0.0373				
2012.13	0.005	193.8	0.0337				
2012.17	0.005	193.8	0.0302				
2012.20	0.004	193.6	0.0249				
2012.23	0.001	193.3	0.0213				
2012.27	-0.001	193	0.0178				
2012.30	-0.002	192.8	0.0142				
2012.33	-0.005	192.5	0.0142				
2012.37	-0.006	192.2	0.0098				
2012.40	-0.006	192.2	0.0071				
2012.43	-0.007	192	0.0036				
2012.47	-0.01	191.7	0				
2012.50	-0.011	191.4	-0.0027				
2012.53	-0.012	191.2	-0.0053				
2012.57	-0.014	190.9	-0.0071				
2012.60	-0.015	190.7	-0.0071				
2012.63	-0.015	190.7	-0.0089				
2012.67	-0.015	190.6	-0.0107				
2012.70	-0.016	190.4	-0.0115				
2012.73	-0.017	190.2	-0.0124				
2012.77	-0.017	190	-0.0133				
2012.80	-0.017	189.9	-0.0142				
2012.83	-0.017	189.8	-0.0142				
2012.87	-0.017	189.8	-0.0142				
2012.90	-0.017	189.7	-0.0142				
2012.93	-0.017	189.6	-0.0133				
2012.98	-0.016	189.6	-0.0124				
2013.02	-0.016	189.5	-0.0124				
2013.03	-0.015	189.5	-0.0107				
2013.07	-0.014	189.5	-0.0098				
2013.10	-0.012	189.6	-0.008				
2013.13	-0.011	189.7	-0.0062				
2013.17	-0.009	189.7	-0.0062				
2013.20	-0.008	189.7	-0.0036				
2013.23	-0.008	189.8	-0.0018				
2013.27	-0.007	190	0.0009				
2013.30	-0.004	190.1	0.0044				
2013.33	-0.002	190.3	0.0071				
2013.37	-0.001	190.4	0.0107				
2013.40	0.003	190.7	0.0107				
2013.43	0.004	190.7	0.0142				
2013.47	0.004	190.8	0.0178				
2013.50	0.005	191.1	0.0222				
2013.53	0.009	191.4	0.0257				
2013.57	0.01	191.6	0.0293				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2013.60	0.011	191.8	0.0337				
2013.63	0.015	192.1	0.0337				
2013.67	0.016	192.3	0.0382				
2013.70	0.016	192.3	0.0408				
2013.73	0.017	192.6	0.0444				
2013.77	0.02	192.9	0.0479				
2013.80	0.021	193.1	0.0497				
2013.83	0.022	193.3	0.0533				
2013.87	0.024	193.6	0.0533				
2013.90	0.025	193.8	0.055				
2013.93	0.025	193.8	0.0577				
2013.97	0.026	194	0.0595				
2014.00	0.027	194.2	0.0612				
2014.03	0.028	194.4	0.0621				
2014.07	0.028	194.5	0.063				
2014.10	0.029	194.7	0.063				
2014.13	0.029	194.8	0.0639				
2014.17	0.029	194.8	0.0639				
2014.20	0.029	195	0.0648				
2014.23	0.029	195	0.0648				
2014.27	0.028	195.1	0.0639				
2014.30	0.028	195.2	0.063				
2014.33	0.027	195.2	0.0621				
2014.37	0.025	195.2	0.0621				
2014.42	0.025	195.2	0.0604				
2014.45	0.024	195.2	0.0586				
2014.48	0.022	195.1	0.0586				
2014.50	0.021	195.1	0.0559				
2014.53	0.021	195	0.0541				
2014.57	0.02	194.9	0.0515				
2014.60	0.016	194.8	0.0488				
2014.63	0.015	194.7	0.0462				
2014.67	0.014	194.5	0.0426				
2014.70	0.011	194.3	0.0426				
2014.73	0.01	194.3	0.0391				
2014.77	0.01	194.1	0.0355				
2014.80	0.008	193.9	0.032				
2014.83	0.004	193.6	0.0284				
2014.87	0.003	193.5	0.0249				
2014.90	0.002	193.1	0.0204				
2014.93	-0.002	192.9	0.0204				
2014.97	-0.003	192.9	0.016				
2015.00	-0.003	192.7	0.0133				
2015.03	-0.005	192.4	0.0089				
2015.07	-0.007	192.1	0.0062				
2015.10	-0.008	191.9	0.0027				
2015.13	-0.009	191.6	0				
2015.17	-0.012	191.3	0				
2015.20	-0.013	191.3	-0.0036				
2015.23	-0.013	191.1	-0.0053				
2015.27	-0.014	190.8	-0.008				
2015.30	-0.016	190.6	-0.0098				
2015.33	-0.016	190.5	-0.0107				
2015.37	-0.016	190.3	-0.0115				
2015.40	-0.017	190.1	-0.0115				
2015.43	-0.017	190.1	-0.0133				
2015.47	-0.017	190	-0.0133				
2015.50	-0.017	189.8	-0.0133				
2015.53	-0.017	189.7	-0.0133				
2015.57	-0.017	189.7	-0.0133				
2015.60	-0.016	189.6	-0.0124				
2015.63	-0.016	189.6	-0.0124				
2015.67	-0.015	189.6	-0.0115				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2015.70	-0.015	189.5	-0.0107				
2015.73	-0.014	189.5	-0.0098				
2015.77	-0.012	189.6	-0.008				
2015.80	-0.011	189.6	-0.0071				
2015.83	-0.01	189.7	-0.0044				
2015.88	-0.007	189.9	-0.0018				
2015.92	-0.007	189.9	0				
2015.93	-0.006	190.1	0.0027				
2015.97	-0.002	190.2	0.0027				
2016.00	-0.002	190.2	0.0062				
2016.03	-0.002	190.3	0.008				
2016.07	0	190.5	0.0124				
2016.10	0.004	190.8	0.016				
2016.13	0.005	190.9	0.0186				
2016.17	0.006	191.2	0.0231				
2016.20	0.01	191.5	0.0231				
2016.23	0.011	191.5	0.0284				
2016.27	0.011	191.7	0.0311				
2016.30	0.012	191.9	0.0346				
2016.33	0.016	192.2	0.0391				
2016.37	0.017	192.4	0.0426				
2016.40	0.018	192.7	0.0462				
2016.43	0.021	193	0.0462				
2016.47	0.022	193.2	0.0488				
2016.50	0.022	193.2	0.0515				
2016.53	0.023	193.4	0.0541				
2016.57	0.025	193.7	0.0568				
2016.60	0.026	193.9	0.0586				
2016.63	0.026	194.1	0.0604				
2016.67	0.027	194.3	0.0604				
2016.70	0.028	194.4	0.0621				
2016.73	0.028	194.4	0.063				
2016.77	0.028	194.6	0.063				
2016.80	0.029	194.7	0.0639				
2016.83	0.029	194.9	0.0648				
2016.87	0.029	195	0.0648				
2016.90	0.029	195.1	0.0648				
2016.93	0.028	195.1	0.0648				
2016.97	0.028	195.1	0.0639				
2017.00	0.027	195.2	0.0621				
2017.03	0.026	195.2	0.0612				
2017.07	0.025	195.2	0.0604				
2017.10	0.024	195.1	0.0586				
2017.13	0.023	195.1	0.0568				
2017.17	0.021	195	0.0568				
2017.20	0.019	195	0.0541				
2017.23	0.019	194.9	0.0524				
2017.27	0.018	194.8	0.0497				
2017.30	0.015	194.6	0.0462				
2017.35	0.014	194.5	0.0435				
2017.38	0.013	194.4	0.0417				
2017.40	0.01	194.2	0.0382				
2017.43	0.009	194	0.0346				
2017.47	0.007	193.7	0.0311				
2017.50	0.003	193.5	0.0311				
2017.53	0.002	193.5	0.0257				
2017.57	0.002	193.3	0.0231				
2017.60	0.001	193	0.0186				
2017.63	-0.003	192.8	0.0142				
2017.67	-0.004	192.5	0.0115				
2017.70	-0.005	192.2	0.008				
2017.73	-0.008	191.9	0.008				
2017.77	-0.009	191.9	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2017.80	-0.009	191.7	0.0009				
2017.83	-0.01	191.5	-0.0009				
2017.87	-0.013	191.2	-0.0044				
2017.90	-0.013	191	-0.0062				
2017.93	-0.014	190.8	-0.008				
2017.97	-0.015	190.6	-0.008				
2018.00	-0.016	190.6	-0.0098				
2018.03	-0.016	190.4	-0.0107				
2018.07	-0.016	190.2	-0.0124				
2018.10	-0.017	190	-0.0133				
2018.13	-0.017	189.9	-0.0133				
2018.17	-0.017	189.8	-0.0133				
2018.20	-0.017	189.7	-0.0133				
2018.23	-0.017	189.7	-0.0142				
2018.27	-0.017	189.6	-0.0133				
2018.30	-0.016	189.6	-0.0124				
2018.33	-0.015	189.5	-0.0115				
2018.37	-0.015	189.5	-0.0107				
2018.40	-0.014	189.5	-0.0089				
2018.43	-0.012	189.6	-0.0089				
2018.47	-0.011	189.6	-0.0071				
2018.50	-0.011	189.7	-0.0053				
2018.53	-0.009	189.7	-0.0027				
2018.57	-0.007	189.9	-0.0009				
2018.60	-0.006	190	0.0018				
2018.63	-0.004	190.1	0.0053				
2018.67	-0.001	190.3	0.0053				
2018.70	0	190.5	0.0089				
2018.73	0	190.5	0.0115				
2018.78	0.004	190.9	0.0151				
2018.82	0.005	191.1	0.0178				
2018.85	0.005	191.1	0.0204				
2018.87	0.007	191.3	0.0249				
2018.90	0.01	191.6	0.0302				
2018.93	0.012	191.8	0.0337				
2018.97	0.013	192	0.0364				
2019.00	0.016	192.3	0.0364				
2019.03	0.018	192.6	0.0408				
2019.07	0.018	192.6	0.0444				
2019.10	0.019	192.8	0.047				
2019.13	0.021	193.1	0.0506				
2019.17	0.023	193.3	0.0533				
2019.20	0.024	193.5	0.055				
2019.23	0.025	193.8	0.0577				
2019.27	0.026	194	0.0577				
2019.30	0.027	194	0.0595				
2019.33	0.027	194.1	0.0604				
2019.37	0.027	194.3	0.0621				
2019.40	0.028	194.5	0.063				
2019.43	0.029	194.6	0.0639				
2019.47	0.029	194.8	0.0639				
2019.50	0.029	194.9	0.0639				
2019.53	0.029	194.9	0.0639				
2019.57	0.029	195	0.0648				
2019.60	0.028	195.1	0.0648				
2019.63	0.028	195.2	0.0639				
2019.67	0.027	195.2	0.0621				
2019.70	0.026	195.2	0.0612				
2019.73	0.024	195.1	0.0612				
2019.77	0.024	195.1	0.0595				
2019.80	0.024	195.1	0.0586				
2019.83	0.022	195.1	0.0559				
2019.87	0.02	195	0.0533				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2019.90	0.019	194.9	0.0515				
2019.93	0.017	194.7	0.0479				
2019.97	0.014	194.5	0.0479				
2020.00	0.013	194.5	0.0444				
2020.03	0.013	194.4	0.0417				
2020.07	0.012	194.2	0.0391				
2020.10	0.008	194	0.0346				
2020.13	0.007	193.8	0.032				
2020.17	0.005	193.6	0.0275				
2020.20	0.002	193.3	0.0275				
2020.25	0	193.1	0.0204				
2020.28	0	192.9	0.0178				
2020.30	-0.003	192.6	0.0178				
2020.33	-0.004	192.6	0.0133				
2020.37	-0.004	192.4	0.0107				
2020.40	-0.006	192.2	0.0071				
2020.43	-0.009	191.8	0.0027				
2020.47	-0.01	191.6	0.0009				
2020.50	-0.011	191.4	-0.0027				
2020.53	-0.013	191.1	-0.0027				
2020.57	-0.014	190.9	-0.0053				
2020.60	-0.014	190.9	-0.0071				
2020.63	-0.015	190.7	-0.0098				
2020.67	-0.016	190.4	-0.0107				
2020.70	-0.016	190.3	-0.0115				
2020.73	-0.016	190.1	-0.0124				
2020.77	-0.017	190	-0.0124				
2020.80	-0.017	189.8	-0.0133				
2020.83	-0.017	189.8	-0.0133				
2020.87	-0.017	189.7	-0.0142				
2020.90	-0.017	189.6	-0.0142				
2020.93	-0.016	189.6	-0.0133				
2020.97	-0.016	189.5	-0.0124				
2021.00	-0.015	189.5	-0.0124				
2021.03	-0.014	189.5	-0.0115				
2021.07	-0.014	189.5	-0.0098				
2021.10	-0.013	189.5	-0.008				
2021.13	-0.012	189.6	-0.0071				
2021.17	-0.01	189.7	-0.0044				
2021.20	-0.009	189.7	-0.0027				
2021.23	-0.007	189.9	0.0009				
2021.27	-0.005	190.1	0.0009				
2021.30	-0.005	190.1	0.0036				
2021.33	-0.003	190.2	0.0071				
2021.37	-0.001	190.4	0.0098				
2021.40	0.002	190.6	0.0133				
2021.43	0.003	190.7	0.0169				
2021.47	0.005	191	0.0204				
2021.50	0.008	191.3	0.0204				
2021.53	0.009	191.3	0.024				
2021.57	0.009	191.5	0.0284				
2021.60	0.011	191.7	0.032				
2021.63	0.014	192	0.0364				
2021.68	0.015	192.2	0.0391				
2021.72	0.016	192.4	0.0408				
2021.75	0.019	192.7	0.0453				
2021.77	0.02	192.9	0.0479				
2021.80	0.021	193.2	0.0506				
2021.83	0.024	193.4	0.0506				
2021.87	0.024	193.4	0.0541				
2021.90	0.024	193.6	0.0559				
2021.93	0.025	193.8	0.0577				
2021.97	0.027	194.1	0.0604				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2022.00	0.027	194.2	0.0612				
2022.03	0.028	194.4	0.063				
2022.07	0.029	194.6	0.063				
2022.10	0.029	194.6	0.0639				
2022.13	0.029	194.7	0.0639				
2022.17	0.029	194.8	0.0639				
2022.20	0.029	194.9	0.0648				
2022.23	0.029	195	0.0648				
2022.27	0.028	195.1	0.0639				
2022.30	0.028	195.2	0.0639				
2022.33	0.026	195.2	0.063				
2022.37	0.026	195.2	0.0621				
2022.40	0.026	195.2	0.0604				
2022.43	0.024	195.1	0.0586				
2022.47	0.023	195.1	0.0568				
2022.50	0.022	195	0.055				
2022.53	0.019	194.9	0.055				
2022.57	0.018	194.9	0.0524				
2022.60	0.018	194.8	0.0497				
2022.63	0.016	194.7	0.047				
2022.67	0.013	194.5	0.0435				
2022.70	0.012	194.4	0.0408				
2022.73	0.01	194.2	0.0373				
2022.77	0.007	193.9	0.0373				
2022.80	0.006	193.9	0.0328				
2022.83	0.006	193.7	0.0302				
2022.87	0.004	193.5	0.0249				
2022.90	0.001	193.2	0.0213				
2022.93	0	193	0.0186				
2022.97	-0.002	192.8	0.0142				
2023.00	-0.005	192.4	0.0142				
2023.03	-0.006	192.2	0.0098				
2023.07	-0.006	192.2	0.0071				
2023.10	-0.007	191.9	0.0036				
2023.15	-0.011	191.4	0				
2023.18	-0.011	191.4	-0.0009				
2023.20	-0.011	191.2	-0.0036				
2023.23	-0.013	190.9	-0.0062				
2023.27	-0.015	190.7	-0.008				
2023.30	-0.015	190.6	-0.0098				
2023.33	-0.016	190.3	-0.0098				
2023.37	-0.017	190.1	-0.0115				
2023.40	-0.017	190.1	-0.0124				
2023.43	-0.017	190	-0.0124				
2023.47	-0.017	189.9	-0.0133				
2023.50	-0.017	189.8	-0.0133				
2023.53	-0.017	189.6	-0.0133				
2023.57	-0.017	189.6	-0.0133				
2023.60	-0.016	189.5	-0.0133				
2023.63	-0.016	189.5	-0.0133				
2023.67	-0.016	189.5	-0.0124				
2023.70	-0.015	189.5	-0.0107				
2023.73	-0.013	189.5	-0.0098				
2023.77	-0.013	189.5	-0.008				
2023.80	-0.011	189.6	-0.0053				
2023.83	-0.009	189.7	-0.0053				
2023.87	-0.008	189.7	-0.0036				
2023.90	-0.008	189.8	-0.0009				
2023.93	-0.007	189.9	0.0018				
2023.97	-0.003	190.1	0.0044				
2024.00	-0.003	190.2	0.0071				
2024.03	-0.001	190.5	0.0107				
2024.07	0.003	190.7	0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2024.10	0.004	190.7	0.0151				
2024.13	0.004	190.8	0.0178				
2024.17	0.005	191.1	0.0222				
2024.20	0.009	191.3	0.0257				
2024.23	0.01	191.6	0.0302				
2024.27	0.012	191.8	0.0337				
2024.30	0.015	192.1	0.0337				
2024.33	0.016	192.1	0.0373				
2024.37	0.016	192.3	0.0408				
2024.40	0.017	192.6	0.0444				
2024.43	0.02	192.8	0.0479				
2024.47	0.021	193	0.0506				
2024.50	0.022	193.3	0.0524				
2024.53	0.025	193.5	0.0524				
2024.57	0.025	193.5	0.0559				
2024.62	0.025	193.9	0.0586				
2024.65	0.027	194.1	0.0586				
2024.67	0.027	194.1	0.0604				
2024.70	0.027	194.3	0.0612				
2024.73	0.028	194.5	0.063				
2024.77	0.029	194.6	0.0639				
2024.80	0.029	194.7	0.0639				
2024.83	0.029	194.9	0.0648				
2024.87	0.029	195	0.0648				
2024.90	0.029	195.1	0.0648				
2024.93	0.029	195.1	0.0648				
2024.97	0.028	195.1	0.063				
2025.00	0.027	195.1	0.0621				
2025.03	0.026	195.1	0.0612				
2025.07	0.025	195.2	0.0595				
2025.10	0.024	195.1	0.0595				
2025.13	0.022	195.1	0.0577				
2025.17	0.022	195.1	0.0568				
2025.20	0.021	195	0.0533				
2025.23	0.019	194.8	0.0515				
2025.27	0.017	194.7	0.0488				
2025.30	0.016	194.6	0.0453				
2025.33	0.013	194.4	0.0453				
2025.37	0.011	194.2	0.0417				
2025.40	0.011	194.2	0.0391				
2025.43	0.01	194.1	0.0355				
2025.47	0.007	193.8	0.032				
2025.50	0.004	193.6	0.0284				
2025.53	0.003	193.4	0.024				
2025.57	0.001	193.1	0.0195				
2025.60	-0.002	192.8	0.0195				
2025.63	-0.002	192.8	0.016				
2025.67	-0.003	192.6	0.0124				
2025.70	-0.005	192.3	0.0089				
2025.73	-0.007	192	0.0053				
2025.77	-0.008	191.8	0.0027				
2025.80	-0.01	191.5	-0.0009				
2025.83	-0.012	191.3	-0.0009				
2025.87	-0.012	191.3	-0.0036				
2025.90	-0.013	191.1	-0.0053				
2025.93	-0.014	190.8	-0.0071				
2025.97	-0.015	190.6	-0.0089				
2026.00	-0.016	190.4	-0.0107				
2026.05	-0.017	190.2	-0.0124				
2026.08	-0.017	190	-0.0133				
2026.10	-0.017	189.9	-0.0133				
2026.13	-0.017	189.8	-0.0133				
2026.17	-0.017	189.7	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2026.20	-0.017	189.7	-0.0133				
2026.23	-0.017	189.6	-0.0142				
2026.27	-0.017	189.5	-0.0133				
2026.30	-0.016	189.5	-0.0124				
2026.33	-0.015	189.5	-0.0115				
2026.37	-0.015	189.5	-0.0098				
2026.40	-0.013	189.5	-0.0098				
2026.43	-0.012	189.5	-0.0089				
2026.47	-0.012	189.5	-0.0071				
2026.50	-0.011	189.6	-0.0053				
2026.53	-0.008	189.7	-0.0027				
2026.57	-0.007	189.8	-0.0009				
2026.60	-0.006	189.9	0.0027				
2026.63	-0.002	190.1	0.0027				
2026.67	-0.002	190.1	0.0053				
2026.70	-0.002	190.2	0.0089				
2026.73	0	190.5	0.0124				
2026.77	0.004	190.7	0.016				
2026.80	0.005	190.9	0.0195				
2026.83	0.006	191.2	0.0231				
2026.87	0.01	191.4	0.0231				
2026.90	0.011	191.4	0.0284				
2026.93	0.011	191.6	0.0311				
2026.97	0.013	191.9	0.0355				
2027.00	0.016	192.1	0.0399				
2027.03	0.017	192.4	0.0417				
2027.07	0.018	192.6	0.0453				
2027.10	0.021	192.9	0.0453				
2027.13	0.022	192.9	0.0488				
2027.17	0.022	193.1	0.0515				
2027.20	0.023	193.3	0.0541				
2027.23	0.025	193.6	0.0568				
2027.27	0.026	193.8	0.0586				
2027.30	0.026	194	0.0604				
2027.33	0.027	194.2	0.0604				
2027.37	0.028	194.4	0.0612				
2027.40	0.028	194.4	0.063				
2027.43	0.028	194.5	0.063				
2027.47	0.029	194.7	0.0639				
2027.52	0.029	194.8	0.0648				
2027.55	0.029	194.9	0.0648				
2027.57	0.029	195	0.0639				
2027.60	0.028	195.1	0.0648				
2027.63	0.028	195.1	0.063				
2027.67	0.027	195.1	0.063				
2027.70	0.025	195.1	0.0621				
2027.73	0.025	195.1	0.0604				
2027.77	0.025	195.1	0.0595				
2027.80	0.023	195	0.0568				
2027.83	0.021	195	0.0559				
2027.87	0.02	194.9	0.0533				
2027.90	0.019	194.7	0.0497				
2027.93	0.015	194.6	0.0497				
2027.97	0.015	194.6	0.047				
2028.00	0.015	194.5	0.0444				
2028.03	0.013	194.3	0.0408				
2028.07	0.01	194.1	0.0373				
2028.10	0.009	194	0.0346				
2028.13	0.007	193.7	0.0302				
2028.17	0.003	193.4	0.0302				
2028.20	0.002	193.4	0.0257				
2028.23	0.002	193.3	0.0231				
2028.27	0.001	192.9	0.0186				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2028.30	-0.003	192.7	0.0142				
2028.33	-0.004	192.5	0.0115				
2028.37	-0.005	192.1	0.008				
2028.40	-0.009	191.9	0.008				
2028.43	-0.009	191.9	0.0036				
2028.47	-0.009	191.7	0.0018				
2028.50	-0.01	191.4	-0.0018				
2028.53	-0.013	191.2	-0.0044				
2028.57	-0.013	190.9	-0.0062				
2028.60	-0.014	190.7	-0.0089				
2028.63	-0.016	190.4	-0.0089				
2028.67	-0.016	190.4	-0.0107				
2028.70	-0.016	190.3	-0.0115				
2028.73	-0.017	190.1	-0.0124				
2028.77	-0.017	190	-0.0133				
2028.80	-0.017	189.8	-0.0133				
2028.83	-0.017	189.7	-0.0142				
2028.87	-0.017	189.6	-0.0142				
2028.90	-0.017	189.6	-0.0133				
2028.95	-0.016	189.5	-0.0124				
2028.98	-0.016	189.4	-0.0124				
2029.02	-0.015	189.4	-0.0124				
2029.03	-0.015	189.4	-0.0115				
2029.07	-0.014	189.4	-0.0098				
2029.10	-0.012	189.5	-0.008				
2029.13	-0.011	189.5	-0.0071				
2029.17	-0.01	189.6	-0.0044				
2029.20	-0.007	189.7	-0.0044				
2029.23	-0.006	189.8	-0.0018				
2029.27	-0.006	189.8	0				
2029.30	-0.005	189.9	0.0036				
2029.33	-0.002	190.2	0.0071				
2029.37	0	190.3	0.0098				
2029.40	0.001	190.5	0.0133				
2029.43	0.004	190.7	0.0133				
2029.47	0.006	190.9	0.0178				
2029.50	0.006	190.9	0.0213				
2029.53	0.007	191.2	0.0249				
2029.57	0.01	191.5	0.0302				
2029.60	0.012	191.7	0.0328				
2029.63	0.013	191.9	0.0364				
2029.67	0.016	192.2	0.0364				
2029.70	0.018	192.5	0.0399				
2029.73	0.018	192.5	0.0435				
2029.77	0.019	192.7	0.047				
2029.80	0.021	193	0.0506				
2029.83	0.023	193.2	0.0524				
2029.87	0.023	193.4	0.055				
2029.90	0.025	193.7	0.0568				
2029.93	0.027	193.9	0.0568				
2029.97	0.027	193.9	0.0595				
2030.00	0.027	194.1	0.0604				
2030.03	0.027	194.2	0.0621				
2030.07	0.028	194.4	0.063				
2030.10	0.029	194.6	0.0639				
2030.13	0.029	194.7	0.0639				
2030.17	0.029	194.8	0.0639				
2030.20	0.028	194.8	0.0639				
2030.23	0.028	194.9	0.0639				
2030.27	0.028	195	0.0639				
2030.30	0.028	195	0.0639				
2030.33	0.027	195.1	0.0621				
2030.37	0.026	195.1	0.0612				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2030.42	0.024	195	0.0595				
2030.45	0.024	195.1	0.0586				
2030.47	0.023	195	0.0559				
2030.50	0.02	194.9	0.0559				
2030.53	0.019	194.9	0.0541				
2030.57	0.019	194.8	0.0524				
2030.60	0.018	194.7	0.0488				
2030.63	0.015	194.5	0.0462				
2030.67	0.014	194.4	0.0435				
2030.70	0.012	194.3	0.0399				
2030.73	0.009	194	0.0399				
2030.77	0.007	193.8	0.0355				
2030.80	0.007	193.8	0.0328				
2030.83	0.006	193.6	0.0293				
2030.87	0.003	193.3	0.0249				
2030.90	0.001	193.1	0.0213				
2030.93	0	192.9	0.0178				
2030.97	-0.003	192.6	0.0178				
2031.00	-0.005	192.3	0.0133				
2031.03	-0.005	192.3	0.0098				
2031.07	-0.006	192.1	0.0062				
2031.10	-0.008	191.8	0.0027				
2031.13	-0.01	191.5	0				
2031.17	-0.011	191.3	-0.0027				
2031.20	-0.013	191	-0.0027				
2031.23	-0.014	190.8	-0.0053				
2031.27	-0.014	190.8	-0.0071				
2031.30	-0.015	190.6	-0.0089				
2031.33	-0.015	190.4	-0.0107				
2031.37	-0.017	190.2	-0.0124				
2031.40	-0.017	190	-0.0124				
2031.43	-0.017	189.9	-0.0133				
2031.47	-0.017	189.7	-0.0133				
2031.50	-0.017	189.7	-0.0142				
2031.53	-0.017	189.6	-0.0133				
2031.57	-0.017	189.6	-0.0133				
2031.60	-0.017	189.5	-0.0133				
2031.63	-0.016	189.5	-0.0124				
2031.67	-0.015	189.4	-0.0115				
2031.70	-0.014	189.4	-0.0115				
2031.73	-0.013	189.4	-0.0107				
2031.77	-0.013	189.4	-0.0089				
2031.80	-0.012	189.5	-0.0071				
2031.85	-0.009	189.6	-0.0044				
2031.88	-0.009	189.6	-0.0036				
2031.92	-0.008	189.8	-0.0009				
2031.93	-0.005	189.9	0.0018				
2031.97	-0.004	190	0.0044				
2032.00	-0.003	190.2	0.008				
2032.03	0.001	190.4	0.008				
2032.07	0.002	190.4	0.0115				
2032.10	0.002	190.6	0.0142				
2032.13	0.004	190.8	0.0186				
2032.17	0.007	191.1	0.0222				
2032.20	0.008	191.3	0.0257				
2032.23	0.01	191.5	0.0311				
2032.27	0.014	191.8	0.0311				
2032.30	0.014	191.8	0.0346				
2032.33	0.014	192	0.0382				
2032.37	0.016	192.3	0.0417				
2032.40	0.019	192.6	0.0453				
2032.43	0.02	192.8	0.047				
2032.47	0.021	193	0.0506				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2032.50	0.024	193.3	0.0506				
2032.53	0.024	193.3	0.0541				
2032.57	0.024	193.5	0.0559				
2032.60	0.025	193.7	0.0577				
2032.63	0.027	193.9	0.0604				
2032.67	0.027	194.1	0.0612				
2032.70	0.028	194.3	0.0621				
2032.73	0.029	194.4	0.0621				
2032.77	0.028	194.4	0.0639				
2032.80	0.028	194.6	0.0639				
2032.83	0.029	194.7	0.0639				
2032.87	0.028	194.8	0.0639				
2032.90	0.029	194.9	0.0648				
2032.93	0.029	195	0.0639				
2032.97	0.027	195	0.0639				
2033.00	0.027	195	0.063				
2033.03	0.027	195.1	0.0621				
2033.07	0.025	195.1	0.0604				
2033.10	0.024	195	0.0586				
2033.13	0.023	195	0.0568				
2033.17	0.022	194.9	0.0541				
2033.20	0.019	194.8	0.0541				
2033.23	0.018	194.8	0.0515				
2033.27	0.018	194.7	0.0497				
2033.32	0.014	194.4	0.0462				
2033.35	0.013	194.4	0.0453				
2033.37	0.013	194.3	0.0426				
2033.40	0.011	194.1	0.0382				
2033.43	0.008	193.9	0.0346				
2033.47	0.007	193.7	0.032				
2033.50	0.005	193.5	0.0284				
2033.53	0.002	193.2	0.0284				
2033.57	0	193	0.0231				
2033.60	0	193	0.0195				
2033.63	-0.001	192.8	0.016				
2033.67	-0.004	192.4	0.0115				
2033.70	-0.005	192.2	0.0089				
2033.73	-0.007	192	0.0053				
2033.77	-0.01	191.6	0.0053				
2033.80	-0.011	191.4	0.0018				
2033.83	-0.011	191.4	-0.0009				
2033.87	-0.011	191.2	-0.0027				
2033.90	-0.013	190.9	-0.0053				
2033.93	-0.015	190.7	-0.008				
2033.97	-0.015	190.5	-0.0089				
2034.00	-0.016	190.3	-0.0089				
2034.03	-0.017	190.1	-0.0107				
2034.07	-0.017	190.1	-0.0124				
2034.10	-0.017	189.9	-0.0133				
2034.13	-0.017	189.8	-0.0133				
2034.17	-0.017	189.7	-0.0133				
2034.20	-0.017	189.6	-0.0142				
2034.23	-0.017	189.5	-0.0133				
2034.27	-0.016	189.5	-0.0133				
2034.30	-0.016	189.5	-0.0133				
2034.33	-0.016	189.4	-0.0124				
2034.37	-0.015	189.4	-0.0107				
2034.40	-0.013	189.4	-0.0098				
2034.43	-0.013	189.4	-0.008				
2034.47	-0.011	189.5	-0.0053				
2034.50	-0.009	189.6	-0.0053				
2034.53	-0.008	189.6	-0.0036				
2034.57	-0.008	189.7	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2034.60	-0.007	189.9	0.0009				
2034.63	-0.004	190	0.0044				
2034.67	-0.003	190.1	0.0071				
2034.70	-0.001	190.4	0.0107				
2034.73	0.003	190.6	0.0107				
2034.78	0.003	190.7	0.0169				
2034.82	0.004	190.9	0.0195				
2034.83	0.008	191.2	0.0195				
2034.87	0.009	191.2	0.024				
2034.90	0.009	191.4	0.0284				
2034.93	0.011	191.7	0.0328				
2034.97	0.014	191.9	0.0373				
2035.00	0.015	192.1	0.0399				
2035.03	0.016	192.4	0.0426				
2035.07	0.02	192.7	0.0426				
2035.10	0.02	192.7	0.0462				
2035.13	0.02	192.9	0.0488				
2035.17	0.022	193.1	0.0524				
2035.20	0.024	193.4	0.055				
2035.23	0.025	193.6	0.0559				
2035.27	0.025	193.8	0.0586				
2035.30	0.027	194	0.0586				
2035.33	0.028	194	0.0604				
2035.37	0.028	194.2	0.0621				
2035.40	0.028	194.3	0.063				
2035.43	0.028	194.5	0.0639				
2035.47	0.029	194.6	0.0639				
2035.50	0.029	194.8	0.0648				
2035.53	0.029	194.9	0.0648				
2035.57	0.029	195	0.0648				
2035.60	0.029	195	0.0648				
2035.63	0.028	195	0.0639				
2035.67	0.027	195	0.0621				
2035.70	0.026	195	0.0612				
2035.73	0.025	195	0.0595				
2035.77	0.024	195	0.0595				
2035.80	0.022	194.9	0.0577				
2035.83	0.022	194.9	0.0559				
2035.87	0.021	194.9	0.0541				
2035.90	0.019	194.7	0.0515				
2035.93	0.017	194.6	0.0488				
2035.97	0.016	194.5	0.0453				
2036.00	0.013	194.3	0.0417				
2036.03	0.011	194.1	0.0417				
2036.07	0.011	194.1	0.0391				
2036.10	0.01	194	0.0355				
2036.13	0.007	193.7	0.032				
2036.17	0.004	193.5	0.0284				
2036.22	0.003	193.3	0.024				
2036.25	0.002	193.1	0.0222				
2036.28	-0.001	192.8	0.0178				
2036.30	-0.002	192.6	0.0151				
2036.33	-0.004	192.3	0.0115				
2036.37	-0.007	192	0.0115				
2036.40	-0.008	192	0.0071				
2036.43	-0.008	191.8	0.0036				
2036.47	-0.009	191.6	0.0009				
2036.50	-0.011	191.3	-0.0018				
2036.53	-0.012	191.1	-0.0036				
2036.57	-0.013	190.8	-0.0062				
2036.60	-0.015	190.6	-0.0062				
2036.63	-0.015	190.6	-0.008				
2036.67	-0.015	190.4	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2036.70	-0.016	190.2	-0.0115				
2036.73	-0.017	190	-0.0124				
2036.77	-0.017	189.9	-0.0133				
2036.80	-0.017	189.8	-0.0133				
2036.83	-0.017	189.6	-0.0133				
2036.87	-0.017	189.6	-0.0133				
2036.90	-0.017	189.5	-0.0133				
2036.93	-0.017	189.5	-0.0133				
2036.97	-0.016	189.4	-0.0124				
2037.00	-0.015	189.4	-0.0115				
2037.03	-0.015	189.4	-0.0098				
2037.07	-0.012	189.4	-0.0098				
2037.10	-0.012	189.4	-0.0089				
2037.13	-0.012	189.4	-0.0071				
2037.17	-0.011	189.6	-0.0053				
2037.20	-0.008	189.7	-0.0027				
2037.23	-0.007	189.7	0				
2037.27	-0.006	189.9	0.0027				
2037.30	-0.002	190.1	0.0027				
2037.33	-0.002	190.1	0.0062				
2037.37	-0.002	190.2	0.0089				
2037.40	0	190.4	0.0124				
2037.43	0.004	190.6	0.016				
2037.47	0.005	190.8	0.0195				
2037.50	0.006	191.1	0.024				
2037.53	0.01	191.3	0.024				
2037.57	0.011	191.3	0.0284				
2037.60	0.011	191.5	0.0311				
2037.63	0.012	191.8	0.0355				
2037.68	0.016	192.3	0.0391				
2037.72	0.016	192.3	0.0408				
2037.73	0.017	192.5	0.0444				
2037.77	0.02	192.8	0.0479				
2037.80	0.022	193	0.0506				
2037.83	0.022	193.2	0.0533				
2037.87	0.024	193.5	0.0533				
2037.90	0.026	193.7	0.0559				
2037.93	0.026	193.7	0.0577				
2037.97	0.026	193.9	0.0595				
2038.00	0.027	194.1	0.0612				
2038.03	0.028	194.3	0.0621				
2038.07	0.028	194.4	0.063				
2038.10	0.028	194.5	0.063				
2038.13	0.029	194.7	0.0639				
2038.17	0.029	194.7	0.0648				
2038.20	0.029	194.8	0.0648				
2038.23	0.029	194.9	0.0648				
2038.27	0.028	195	0.0648				
2038.30	0.028	195.1	0.0639				
2038.33	0.027	195.1	0.0621				
2038.37	0.025	195.1	0.0621				
2038.40	0.025	195.1	0.0612				
2038.43	0.025	195	0.0595				
2038.47	0.023	195	0.0577				
2038.50	0.021	194.9	0.055				
2038.53	0.02	194.9	0.0533				
2038.57	0.019	194.7	0.0506				
2038.60	0.016	194.6	0.0506				
2038.63	0.015	194.6	0.0479				
2038.67	0.015	194.4	0.0453				
2038.70	0.013	194.2	0.0417				
2038.73	0.009	194	0.0373				
2038.77	0.009	193.9	0.0346				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2038.80	0.007	193.6	0.0311				
2038.83	0.003	193.4	0.0311				
2038.87	0.003	193.4	0.0257				
2038.90	0.003	193.2	0.0231				
2038.93	0.001	192.9	0.0186				
2038.97	-0.003	192.6	0.0142				
2039.00	-0.004	192.4	0.0124				
2039.03	-0.005	192.1	0.008				
2039.07	-0.009	191.8	0.008				
2039.12	-0.009	191.6	0.0027				
2039.15	-0.01	191.4	0				
2039.18	-0.012	191.2	0				
2039.20	-0.012	191.2	-0.0027				
2039.23	-0.012	190.9	-0.0044				
2039.27	-0.014	190.7	-0.0071				
2039.30	-0.016	190.4	-0.0098				
2039.33	-0.016	190.3	-0.0107				
2039.37	-0.016	190.1	-0.0115				
2039.40	-0.017	189.9	-0.0115				
2039.43	-0.017	189.9	-0.0124				
2039.47	-0.017	189.8	-0.0133				
2039.50	-0.017	189.7	-0.0133				
2039.53	-0.017	189.6	-0.0133				
2039.57	-0.017	189.5	-0.0133				
2039.60	-0.017	189.4	-0.0133				
2039.63	-0.016	189.4	-0.0133				
2039.67	-0.015	189.4	-0.0115				
2039.70	-0.015	189.4	-0.0107				
2039.73	-0.014	189.4	-0.0098				
2039.77	-0.012	189.4	-0.008				
2039.80	-0.011	189.5	-0.0071				
2039.83	-0.01	189.5	-0.0036				
2039.87	-0.007	189.7	-0.0036				
2039.90	-0.006	189.8	-0.0009				
2039.93	-0.006	189.8	0.0009				
2039.97	-0.005	189.9	0.0044				
2040.00	-0.002	190.1	0.0071				
2040.03	-0.001	190.3	0.0098				
2040.07	0.001	190.4	0.0142				
2040.10	0.004	190.7	0.0142				
2040.13	0.006	190.9	0.0178				
2040.17	0.006	190.9	0.0213				
2040.20	0.007	191.1	0.0257				
2040.23	0.01	191.4	0.0302				
2040.27	0.012	191.6	0.0337				
2040.30	0.013	191.8	0.0373				
2040.33	0.016	192.2	0.0408				
2040.37	0.018	192.4	0.0408				
2040.40	0.018	192.4	0.0444				
2040.43	0.019	192.6	0.047				
2040.47	0.021	192.9	0.0497				
2040.50	0.023	193.1	0.0524				
2040.53	0.023	193.3	0.055				
2040.58	0.025	193.6	0.0577				
2040.62	0.026	193.8	0.0595				
2040.63	0.027	194	0.0604				
2040.67	0.027	194.2	0.0621				
2040.70	0.028	194.3	0.0621				
2040.73	0.029	194.3	0.063				
2040.77	0.029	194.5	0.0639				
2040.80	0.029	194.6	0.0639				
2040.83	0.029	194.7	0.0639				
2040.87	0.028	194.8	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2040.90	0.029	194.9	0.0648				
2040.93	0.028	195	0.0648				
2040.97	0.027	195	0.0648				
2041.00	0.027	195	0.063				
2041.03	0.027	195	0.0621				
2041.07	0.025	195	0.0604				
2041.10	0.024	195	0.0595				
2041.13	0.023	195	0.0568				
2041.17	0.02	194.9	0.0568				
2041.20	0.02	194.9	0.0541				
2041.23	0.02	194.8	0.0524				
2041.27	0.018	194.6	0.0497				
2041.30	0.015	194.5	0.0462				
2041.33	0.014	194.4	0.0444				
2041.37	0.012	194.2	0.0399				
2041.40	0.009	193.9	0.0399				
2041.43	0.007	193.9	0.0364				
2041.47	0.007	193.8	0.0337				
2041.50	0.006	193.6	0.0293				
2041.53	0.003	193.3	0.0249				
2041.57	0.002	193.1	0.0222				
2041.60	0	192.8	0.0169				
2041.63	-0.004	192.5	0.0169				
2041.67	-0.005	192.5	0.0133				
2041.70	-0.005	192.3	0.0107				
2041.73	-0.006	192	0.0071				
2041.77	-0.009	191.7	0.0036				
2041.80	-0.01	191.5	0.0009				
2041.83	-0.011	191.2	-0.0027				
2041.87	-0.013	191	-0.0027				
2041.90	-0.014	190.8	-0.0053				
2041.93	-0.014	190.8	-0.0062				
2041.97	-0.015	190.6	-0.0089				
2042.02	-0.016	190.2	-0.0098				
2042.05	-0.016	190.2	-0.0115				
2042.08	-0.017	190	-0.0115				
2042.10	-0.017	189.8	-0.0124				
2042.13	-0.017	189.7	-0.0133				
2042.17	-0.017	189.6	-0.0133				
2042.20	-0.017	189.5	-0.0133				
2042.23	-0.017	189.4	-0.0133				
2042.27	-0.017	189.4	-0.0133				
2042.30	-0.016	189.4	-0.0124				
2042.33	-0.015	189.4	-0.0115				
2042.37	-0.014	189.4	-0.0107				
2042.40	-0.014	189.4	-0.0089				
2042.43	-0.012	189.4	-0.0089				
2042.47	-0.01	189.5	-0.0071				
2042.50	-0.01	189.5	-0.0053				
2042.53	-0.01	189.5	-0.0036				
2042.57	-0.007	189.7	0				
2042.60	-0.005	189.8	0.0018				
2042.63	-0.004	189.9	0.0053				
2042.67	-0.002	190.2	0.0089				
2042.70	0.001	190.4	0.0089				
2042.73	0.001	190.4	0.0115				
2042.77	0.002	190.5	0.0151				
2042.80	0.004	190.8	0.0195				
2042.83	0.007	191	0.0231				
2042.87	0.008	191.2	0.0275				
2042.90	0.011	191.5	0.032				
2042.93	0.013	191.8	0.032				
2042.97	0.013	191.8	0.0355				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2043.00	0.014	191.9	0.0391				
2043.03	0.017	192.3	0.0426				
2043.07	0.019	192.5	0.0453				
2043.10	0.02	192.7	0.0488				
2043.13	0.021	193	0.0515				
2043.17	0.024	193.2	0.0515				
2043.20	0.024	193.2	0.0541				
2043.23	0.024	193.4	0.0568				
2043.27	0.025	193.7	0.0586				
2043.30	0.027	193.9	0.0604				
2043.33	0.027	194	0.0612				
2043.37	0.028	194.2	0.063				
2043.40	0.028	194.4	0.063				
2043.43	0.029	194.4	0.0639				
2043.48	0.029	194.7	0.0639				
2043.52	0.029	194.8	0.0639				
2043.53	0.029	194.8	0.0648				
2043.57	0.029	194.9	0.0648				
2043.60	0.029	194.9	0.0648				
2043.63	0.028	195	0.0639				
2043.67	0.027	195	0.063				
2043.70	0.026	195	0.0612				
2043.73	0.024	195	0.0612				
2043.77	0.023	195	0.0595				
2043.80	0.023	195	0.0577				
2043.83	0.022	194.9	0.0559				
2043.87	0.02	194.8	0.0533				
2043.90	0.019	194.7	0.0515				
2043.93	0.017	194.6	0.0479				
2043.97	0.014	194.4	0.0479				
2044.00	0.013	194.4	0.0453				
2044.03	0.013	194.3	0.0426				
2044.07	0.012	194.1	0.0391				
2044.10	0.008	193.9	0.0346				
2044.13	0.007	193.7	0.032				
2044.17	0.005	193.5	0.0284				
2044.20	0.002	193.2	0.0284				
2044.23	0	193	0.0231				
2044.27	0	193	0.0195				
2044.30	-0.001	192.7	0.016				
2044.33	-0.004	192.4	0.0124				
2044.37	-0.006	192.2	0.0089				
2044.40	-0.006	191.9	0.0053				
2044.43	-0.009	191.6	0.0053				
2044.47	-0.011	191.4	0.0018				
2044.50	-0.011	191.4	-0.0009				
2044.53	-0.012	191.2	-0.0036				
2044.57	-0.014	190.9	-0.0062				
2044.60	-0.014	190.7	-0.0071				
2044.63	-0.015	190.5	-0.0089				
2044.67	-0.016	190.2	-0.0089				
2044.70	-0.017	190.1	-0.0107				
2044.73	-0.017	190.1	-0.0115				
2044.77	-0.017	189.9	-0.0124				
2044.80	-0.017	189.8	-0.0133				
2044.83	-0.017	189.7	-0.0133				
2044.87	-0.017	189.5	-0.0133				
2044.90	-0.017	189.5	-0.0133				
2044.95	-0.016	189.4	-0.0124				
2044.98	-0.016	189.4	-0.0124				
2045.00	-0.015	189.3	-0.0115				
2045.03	-0.014	189.3	-0.0115				
2045.07	-0.013	189.3	-0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2045.10	-0.013	189.3	-0.0089				
2045.13	-0.012	189.4	-0.0071				
2045.17	-0.009	189.5	-0.0044				
2045.20	-0.009	189.6	-0.0027				
2045.23	-0.007	189.7	0				
2045.27	-0.004	189.9	0				
2045.30	-0.004	189.9	0.0036				
2045.33	-0.004	190	0.0062				
2045.37	-0.002	190.2	0.0098				
2045.40	0.002	190.4	0.0133				
2045.43	0.003	190.6	0.016				
2045.47	0.004	190.8	0.0204				
2045.50	0.008	191.1	0.0204				
2045.53	0.009	191.1	0.0249				
2045.57	0.009	191.3	0.0284				
2045.60	0.011	191.5	0.0328				
2045.63	0.014	191.8	0.0364				
2045.67	0.015	192	0.0399				
2045.70	0.016	192.3	0.0426				
2045.73	0.02	192.6	0.0426				
2045.77	0.02	192.6	0.047				
2045.80	0.02	192.8	0.0488				
2045.83	0.022	193	0.0524				
2045.87	0.024	193.3	0.055				
2045.90	0.025	193.5	0.0568				
2045.93	0.026	193.7	0.0586				
2045.97	0.027	193.9	0.0586				
2046.00	0.028	193.9	0.0604				
2046.03	0.028	194.1	0.0621				
2046.07	0.028	194.3	0.063				
2046.10	0.028	194.4	0.0639				
2046.13	0.029	194.6	0.0648				
2046.17	0.029	194.7	0.0648				
2046.20	0.029	194.8	0.0648				
2046.23	0.029	194.9	0.0648				
2046.27	0.029	194.9	0.0648				
2046.30	0.028	195	0.0639				
2046.33	0.027	194.9	0.0621				
2046.38	0.026	195	0.0612				
2046.42	0.025	195	0.0612				
2046.45	0.024	195	0.0595				
2046.47	0.022	194.9	0.0577				
2046.50	0.022	194.9	0.055				
2046.53	0.02	194.7	0.0524				
2046.57	0.017	194.6	0.0524				
2046.60	0.017	194.6	0.0497				
2046.63	0.017	194.5	0.047				
2046.67	0.014	194.3	0.0435				
2046.70	0.012	194.2	0.0408				
2046.73	0.011	194	0.0382				
2046.77	0.009	193.8	0.0337				
2046.80	0.005	193.5	0.0337				
2046.83	0.004	193.5	0.0302				
2046.87	0.004	193.4	0.0275				
2046.90	0.002	193	0.0222				
2046.93	-0.001	192.8	0.0186				
2046.97	-0.002	192.6	0.0151				
2047.00	-0.004	192.3	0.0115				
2047.03	-0.007	192	0.0115				
2047.07	-0.008	192	0.0071				
2047.10	-0.008	191.8	0.0044				
2047.13	-0.009	191.5	0.0018				
2047.17	-0.011	191.2	-0.0018				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2047.20	-0.012	191	-0.0036				
2047.23	-0.013	190.8	-0.0062				
2047.27	-0.015	190.5	-0.0062				
2047.30	-0.015	190.5	-0.0089				
2047.33	-0.015	190.3	-0.0098				
2047.37	-0.016	190.2	-0.0107				
2047.40	-0.017	190	-0.0124				
2047.43	-0.017	189.8	-0.0124				
2047.47	-0.017	189.7	-0.0124				
2047.50	-0.017	189.6	-0.0124				
2047.53	-0.017	189.6	-0.0133				
2047.57	-0.017	189.5	-0.0133				
2047.60	-0.017	189.4	-0.0133				
2047.63	-0.016	189.4	-0.0124				
2047.67	-0.015	189.3	-0.0107				
2047.70	-0.014	189.4	-0.0098				
2047.73	-0.013	189.4	-0.0098				
2047.77	-0.012	189.4	-0.0089				
2047.80	-0.012	189.4	-0.0071				
2047.85	-0.009	189.5	-0.0044				
2047.88	-0.008	189.5	-0.0036				
2047.90	-0.008	189.6	-0.0009				
2047.93	-0.007	189.8	0.0018				
2047.97	-0.004	190	0.0044				
2048.00	-0.002	190.1	0.008				
2048.03	-0.001	190.3	0.0115				
2048.07	0.003	190.5	0.0115				
2048.10	0.004	190.5	0.0151				
2048.13	0.004	190.7	0.0186				
2048.17	0.005	190.9	0.0222				
2048.20	0.009	191.2	0.0257				
2048.23	0.01	191.4	0.0311				
2048.27	0.012	191.7	0.0346				
2048.30	0.015	191.9	0.0346				
2048.33	0.016	191.9	0.0382				
2048.37	0.016	192.1	0.0408				
2048.40	0.017	192.4	0.0453				
2048.43	0.02	192.7	0.0479				
2048.47	0.021	192.9	0.0506				
2048.50	0.023	193.1	0.0533				
2048.53	0.024	193.4	0.0533				
2048.57	0.026	193.6	0.0559				
2048.60	0.026	193.6	0.0577				
2048.63	0.026	193.8	0.0595				
2048.67	0.027	194	0.0612				
2048.70	0.028	194.2	0.063				
2048.73	0.028	194.3	0.0639				
2048.77	0.029	194.5	0.0639				
2048.80	0.029	194.6	0.0648				
2048.83	0.029	194.6	0.0648				
2048.87	0.029	194.7	0.0648				
2048.90	0.029	194.8	0.0648				
2048.93	0.028	194.9	0.0648				
2048.97	0.028	195	0.0639				
2049.00	0.027	194.9	0.0621				
2049.03	0.025	195	0.0621				
2049.07	0.025	195	0.0612				
2049.10	0.025	195	0.0595				
2049.13	0.023	194.9	0.0577				
2049.17	0.021	194.9	0.0559				
2049.20	0.021	194.8	0.0541				
2049.23	0.019	194.6	0.0506				
2049.27	0.016	194.5	0.0506				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2049.30	0.015	194.5	0.0479				
2049.33	0.015	194.4	0.0453				
2049.37	0.013	194.2	0.0417				
2049.40	0.009	194	0.0382				
2049.43	0.009	193.8	0.0355				
2049.47	0.007	193.6	0.0311				
2049.52	0.003	193.3	0.0275				
2049.55	0.003	193.2	0.024				
2049.57	0.002	192.9	0.0204				
2049.60	-0.002	192.7	0.0204				
2049.63	-0.003	192.7	0.0169				
2049.67	-0.003	192.5	0.0142				
2049.70	-0.004	192.2	0.0098				
2049.73	-0.007	191.9	0.0062				
2049.77	-0.009	191.6	0.0036				
2049.80	-0.01	191.4	0				
2049.83	-0.012	191.1	0				
2049.87	-0.013	190.9	-0.0027				
2049.90	-0.013	190.9	-0.0053				
2049.93	-0.014	190.7	-0.0071				
2049.97	-0.015	190.4	-0.0089				
2050.00	-0.016	190.2	-0.0107				
2050.03	-0.016	190.1	-0.0115				
2050.07	-0.017	189.9	-0.0115				
2050.10	-0.017	189.7	-0.0124				
2050.13	-0.017	189.7	-0.0133				
2050.17	-0.017	189.6	-0.0133				
2050.20	-0.017	189.5	-0.0133				
2050.23	-0.017	189.4	-0.0133				
2050.27	-0.016	189.4	-0.0124				
2050.30	-0.016	189.3	-0.0115				
2050.33	-0.015	189.3	-0.0115				
2050.37	-0.014	189.3	-0.0107				
2050.40	-0.014	189.3	-0.0098				
2050.43	-0.013	189.4	-0.008				
2050.47	-0.011	189.4	-0.0062				
2050.50	-0.01	189.5	-0.0036				
2050.53	-0.009	189.6	-0.0018				
2050.57	-0.006	189.7	-0.0018				
2050.60	-0.005	189.7	0.0009				
2050.63	-0.005	189.8	0.0036				
2050.67	-0.004	190.1	0.0071				
2050.70	0	190.3	0.0107				
2050.73	0.001	190.4	0.0142				
2050.77	0.003	190.6	0.0178				
2050.80	0.006	190.9	0.0178				
2050.83	0.007	190.9	0.0213				
2050.87	0.007	191	0.0249				
2050.90	0.009	191.3	0.0302				
2050.95	0.013	191.6	0.0337				
2050.98	0.013	191.8	0.0355				
2051.02	0.014	192	0.0399				
2051.03	0.018	192.3	0.0426				
2051.07	0.018	192.5	0.0453				
2051.10	0.019	192.8	0.0488				
2051.13	0.023	193	0.0488				
2051.17	0.023	193	0.0524				
2051.20	0.023	193.2	0.0541				
2051.23	0.024	193.4	0.0568				
2051.27	0.026	193.7	0.0595				
2051.30	0.027	193.9	0.0604				
2051.33	0.027	194	0.0621				
2051.37	0.028	194.2	0.0621				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2051.40	0.029	194.2	0.063				
2051.43	0.029	194.4	0.0639				
2051.47	0.029	194.5	0.0648				
2051.50	0.029	194.7	0.0648				
2051.53	0.029	194.8	0.0648				
2051.57	0.029	194.8	0.0648				
2051.60	0.028	194.9	0.0648				
2051.63	0.027	195	0.0648				
2051.67	0.027	195	0.0639				
2051.70	0.026	195	0.0621				
2051.73	0.025	195	0.0604				
2051.77	0.024	194.9	0.0595				
2051.80	0.023	194.9	0.0568				
2051.83	0.021	194.8	0.055				
2051.87	0.019	194.7	0.055				
2051.90	0.019	194.7	0.0524				
2051.93	0.018	194.6	0.0497				
2051.97	0.016	194.4	0.047				
2052.00	0.013	194.3	0.0435				
2052.03	0.012	194.2	0.0408				
2052.07	0.01	193.9	0.0364				
2052.10	0.007	193.7	0.0364				
2052.13	0.006	193.7	0.0328				
2052.17	0.006	193.5	0.0311				
2052.20	0.004	193.2	0.0257				
2052.23	0.001	193	0.0222				
2052.27	0	192.8	0.0186				
2052.30	-0.002	192.5	0.0142				
2052.33	-0.006	192.2	0.0142				
2052.37	-0.006	192.2	0.0098				
2052.42	-0.007	191.8	0.0062				
2052.45	-0.009	191.6	0.0062				
2052.47	-0.01	191.6	0.0036				
2052.50	-0.01	191.3	0				
2052.53	-0.012	191	-0.0027				
2052.57	-0.014	190.8	-0.0053				
2052.60	-0.014	190.6	-0.0071				
2052.63	-0.015	190.4	-0.0089				
2052.67	-0.016	190.2	-0.0089				
2052.70	-0.016	190.2	-0.0107				
2052.73	-0.016	190	-0.0115				
2052.77	-0.017	189.8	-0.0124				
2052.80	-0.017	189.7	-0.0133				
2052.83	-0.017	189.6	-0.0133				
2052.87	-0.017	189.5	-0.0133				
2052.90	-0.017	189.4	-0.0133				
2052.93	-0.016	189.4	-0.0124				
2052.97	-0.016	189.3	-0.0124				
2053.00	-0.016	189.3	-0.0115				
2053.03	-0.015	189.3	-0.0107				
2053.07	-0.013	189.3	-0.0089				
2053.10	-0.013	189.3	-0.0071				
2053.13	-0.01	189.4	-0.0071				
2053.17	-0.01	189.4	-0.0053				
2053.20	-0.01	189.5	-0.0027				
2053.23	-0.008	189.6	0				
2053.27	-0.005	189.8	0.0027				
2053.30	-0.004	189.9	0.0053				
2053.33	-0.003	190.1	0.0089				
2053.37	0.001	190.3	0.0089				
2053.40	0.002	190.3	0.0124				
2053.43	0.002	190.4	0.0151				
2053.47	0.004	190.7	0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2053.50	0.007	190.9	0.0231				
2053.53	0.008	191.2	0.0275				
2053.57	0.01	191.4	0.032				
2053.60	0.014	191.7	0.032				
2053.63	0.014	191.7	0.0355				
2053.67	0.014	191.9	0.0382				
2053.70	0.016	192.1	0.0417				
2053.73	0.019	192.4	0.0453				
2053.77	0.02	192.6	0.0479				
2053.80	0.021	192.9	0.0515				
2053.83	0.023	193.2	0.0515				
2053.88	0.024	193.4	0.0559				
2053.92	0.025	193.5	0.0586				
2053.93	0.026	193.8	0.0586				
2053.97	0.027	194	0.0595				
2054.00	0.027	194	0.0612				
2054.03	0.027	194.1	0.063				
2054.07	0.028	194.3	0.0639				
2054.10	0.029	194.5	0.0639				
2054.13	0.029	194.6	0.0648				
2054.17	0.029	194.7	0.0648				
2054.20	0.029	194.8	0.0648				
2054.23	0.029	194.8	0.0648				
2054.27	0.029	194.9	0.0648				
2054.30	0.028	194.9	0.0639				
2054.33	0.027	195	0.063				
2054.37	0.026	195	0.0612				
2054.40	0.025	194.9	0.0604				
2054.43	0.023	194.9	0.0604				
2054.47	0.022	194.9	0.0586				
2054.50	0.022	194.9	0.0568				
2054.53	0.021	194.8	0.0541				
2054.57	0.018	194.7	0.0515				
2054.60	0.017	194.6	0.0488				
2054.63	0.015	194.4	0.0462				
2054.67	0.012	194.2	0.0462				
2054.70	0.011	194.2	0.0426				
2054.73	0.011	194.1	0.0391				
2054.77	0.009	193.8	0.0355				
2054.80	0.006	193.6	0.032				
2054.83	0.005	193.4	0.0293				
2054.87	0.003	193.1	0.024				
2054.90	0	192.9	0.024				
2054.93	-0.001	192.9	0.0204				
2054.97	-0.001	192.7	0.0169				
2055.00	-0.003	192.4	0.0133				
2055.03	-0.006	192.1	0.0089				
2055.07	-0.007	191.9	0.0062				
2055.10	-0.008	191.6	0.0027				
2055.13	-0.011	191.3	0.0027				
2055.17	-0.011	191.3	0				
2055.20	-0.011	191.1	-0.0027				
2055.23	-0.013	190.8	-0.0044				
2055.27	-0.014	190.6	-0.0071				
2055.32	-0.015	190.4	-0.0089				
2055.35	-0.015	190.2	-0.0098				
2055.38	-0.016	190	-0.0107				
2055.40	-0.017	189.9	-0.0115				
2055.43	-0.017	189.7	-0.0124				
2055.47	-0.017	189.6	-0.0124				
2055.50	-0.017	189.6	-0.0133				
2055.53	-0.017	189.5	-0.0133				
2055.57	-0.017	189.4	-0.0133				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2055.60	-0.017	189.3	-0.0124				
2055.63	-0.016	189.3	-0.0115				
2055.67	-0.015	189.3	-0.0107				
2055.70	-0.014	189.3	-0.0107				
2055.73	-0.013	189.3	-0.0098				
2055.77	-0.013	189.3	-0.008				
2055.80	-0.012	189.3	-0.0062				
2055.83	-0.01	189.5	-0.0036				
2055.87	-0.009	189.5	-0.0018				
2055.90	-0.007	189.6	0.0009				
2055.93	-0.005	189.8	0.0009				
2055.97	-0.003	190	0.0036				
2056.00	-0.003	190	0.0062				
2056.03	-0.001	190.1	0.0098				
2056.07	0.001	190.4	0.0133				
2056.10	0.003	190.5	0.0169				
2056.13	0.004	190.7	0.0204				
2056.17	0.008	191	0.0204				
2056.20	0.01	191.2	0.0249				
2056.23	0.01	191.2	0.0293				
2056.27	0.011	191.4	0.0328				
2056.30	0.013	191.8	0.0364				
2056.33	0.016	192	0.0399				
2056.37	0.017	192.2	0.0435				
2056.40	0.019	192.5	0.0435				
2056.43	0.021	192.8	0.047				
2056.47	0.021	192.8	0.0497				
2056.50	0.022	193	0.0524				
2056.53	0.023	193.2	0.055				
2056.57	0.025	193.5	0.0577				
2056.60	0.026	193.6	0.0595				
2056.63	0.027	193.9	0.0612				
2056.67	0.028	194	0.0612				
2056.70	0.028	194	0.063				
2056.73	0.028	194.2	0.0639				
2056.78	0.029	194.5	0.0639				
2056.82	0.029	194.5	0.0648				
2056.83	0.029	194.6	0.0648				
2056.87	0.029	194.7	0.0648				
2056.90	0.029	194.8	0.0648				
2056.93	0.028	194.9	0.0648				
2056.97	0.028	195	0.0639				
2057.00	0.026	194.9	0.0639				
2057.03	0.026	194.9	0.0621				
2057.07	0.026	195	0.0621				
2057.10	0.025	194.9	0.0595				
2057.13	0.022	194.9	0.0577				
2057.17	0.022	194.8	0.0559				
2057.20	0.02	194.7	0.0533				
2057.23	0.017	194.6	0.0533				
2057.27	0.017	194.6	0.0506				
2057.30	0.017	194.5	0.0479				
2057.33	0.015	194.3	0.0444				
2057.37	0.011	194.1	0.0408				
2057.40	0.01	194	0.0382				
2057.43	0.009	193.8	0.0346				
2057.47	0.005	193.5	0.0346				
2057.50	0.004	193.5	0.0311				
2057.53	0.004	193.3	0.0284				
2057.57	0.003	193.1	0.0231				
2057.60	-0.001	192.8	0.0186				
2057.63	-0.002	192.6	0.016				
2057.67	-0.004	192.3	0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2057.70	-0.007	192	0.0115				
2057.73	-0.007	192	0.008				
2057.77	-0.007	191.8	0.0053				
2057.80	-0.009	191.5	0.0018				
2057.83	-0.012	191.2	-0.0018				
2057.87	-0.012	191	-0.0036				
2057.90	-0.013	190.8	-0.0053				
2057.93	-0.015	190.5	-0.0053				
2057.97	-0.016	190.3	-0.008				
2058.00	-0.016	190.3	-0.0098				
2058.03	-0.016	190.1	-0.0107				
2058.07	-0.017	189.9	-0.0124				
2058.10	-0.017	189.8	-0.0124				
2058.13	-0.017	189.6	-0.0124				
2058.17	-0.017	189.5	-0.0124				
2058.22	-0.017	189.5	-0.0133				
2058.25	-0.017	189.4	-0.0133				
2058.28	-0.016	189.3	-0.0133				
2058.30	-0.015	189.3	-0.0124				
2058.33	-0.015	189.3	-0.0115				
2058.37	-0.015	189.2	-0.0098				
2058.40	-0.014	189.3	-0.0089				
2058.43	-0.012	189.3	-0.0071				
2058.47	-0.011	189.4	-0.0053				
2058.50	-0.01	189.5	-0.0027				
2058.53	-0.007	189.6	-0.0027				
2058.57	-0.007	189.6	-0.0009				
2058.60	-0.007	189.6	0.0018				
2058.63	-0.005	189.9	0.0044				
2058.67	-0.002	190	0.008				
2058.70	-0.001	190.2	0.0115				
2058.73	0.001	190.4	0.0142				
2058.77	0.004	190.6	0.0142				
2058.80	0.005	190.6	0.0178				
2058.83	0.005	190.8	0.0213				
2058.87	0.007	191.1	0.0257				
2058.90	0.011	191.3	0.0311				
2058.93	0.012	191.5	0.0337				
2058.97	0.013	191.8	0.0373				
2059.00	0.017	192.1	0.0373				
2059.03	0.017	192.1	0.0417				
2059.07	0.017	192.3	0.0444				
2059.10	0.019	192.6	0.0479				
2059.13	0.022	192.8	0.0506				
2059.17	0.022	193	0.0533				
2059.20	0.024	193.3	0.0559				
2059.23	0.026	193.5	0.0559				
2059.27	0.026	193.5	0.0586				
2059.30	0.026	193.7	0.0604				
2059.33	0.027	193.9	0.0612				
2059.37	0.027	194.1	0.0621				
2059.40	0.028	194.3	0.0639				
2059.43	0.029	194.4	0.0648				
2059.47	0.029	194.5	0.0648				
2059.50	0.029	194.5	0.0648				
2059.53	0.029	194.7	0.0648				
2059.57	0.029	194.7	0.0648				
2059.60	0.028	194.8	0.0648				
2059.63	0.028	194.9	0.0639				
2059.68	0.027	194.9	0.063				
2059.72	0.026	194.9	0.0621				
2059.73	0.025	194.9	0.0604				
2059.77	0.024	194.9	0.0586				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2059.80	0.022	194.8	0.0586				
2059.83	0.021	194.8	0.0568				
2059.87	0.021	194.8	0.055				
2059.90	0.019	194.7	0.0515				
2059.93	0.017	194.5	0.0488				
2059.97	0.015	194.4	0.047				
2060.00	0.014	194.3	0.0435				
2060.03	0.011	194	0.0435				
2060.07	0.009	193.9	0.0399				
2060.10	0.009	193.9	0.0373				
2060.13	0.008	193.7	0.0328				
2060.17	0.005	193.4	0.0293				
2060.20	0.003	193.2	0.0249				
2060.23	0.002	193	0.0213				
2060.27	-0.002	192.6	0.0213				
2060.30	-0.003	192.4	0.0169				
2060.33	-0.003	192.4	0.0142				
2060.37	-0.004	192.2	0.0107				
2060.40	-0.007	191.8	0.0062				
2060.43	-0.009	191.6	0.0036				
2060.47	-0.01	191.4	0.0009				
2060.50	-0.012	191.1	0.0009				
2060.53	-0.013	190.9	-0.0027				
2060.57	-0.013	190.9	-0.0044				
2060.60	-0.014	190.7	-0.0071				
2060.63	-0.015	190.4	-0.0089				
2060.67	-0.016	190.2	-0.0098				
2060.70	-0.016	190	-0.0115				
2060.73	-0.017	189.9	-0.0124				
2060.77	-0.017	189.7	-0.0124				
2060.80	-0.017	189.7	-0.0124				
2060.83	-0.017	189.6	-0.0124				
2060.87	-0.017	189.5	-0.0133				
2060.90	-0.017	189.4	-0.0124				
2060.93	-0.017	189.3	-0.0124				
2060.97	-0.016	189.3	-0.0115				
2061.00	-0.015	189.3	-0.0115				
2061.03	-0.014	189.3	-0.0107				
2061.07	-0.014	189.3	-0.0089				
2061.10	-0.013	189.3	-0.0071				
2061.15	-0.011	189.4	-0.0053				
2061.18	-0.011	189.4	-0.0044				
2061.20	-0.01	189.5	-0.0027				
2061.23	-0.006	189.6	0.0009				
2061.27	-0.006	189.7	0.0027				
2061.30	-0.004	189.9	0.0062				
2061.33	-0.001	190.1	0.0062				
2061.37	0	190.1	0.0098				
2061.40	0	190.2	0.0124				
2061.43	0.002	190.5	0.016				
2061.47	0.005	190.7	0.0204				
2061.50	0.006	190.9	0.0231				
2061.53	0.008	191.2	0.0284				
2061.57	0.012	191.4	0.0284				
2061.60	0.013	191.4	0.0328				
2061.63	0.013	191.6	0.0355				
2061.67	0.014	191.9	0.0391				
2061.70	0.018	192.2	0.0426				
2061.73	0.018	192.4	0.0453				
2061.77	0.019	192.7	0.0488				
2061.80	0.022	192.9	0.0488				
2061.83	0.023	192.9	0.0515				
2061.87	0.023	193.1	0.0541				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2061.90	0.024	193.4	0.0568				
2061.93	0.026	193.6	0.0595				
2061.97	0.026	193.8	0.0604				
2062.00	0.027	194	0.0621				
2062.03	0.028	194.2	0.0621				
2062.07	0.029	194.2	0.0639				
2062.10	0.029	194.3	0.0639				
2062.13	0.028	194.5	0.0648				
2062.17	0.029	194.6	0.0648				
2062.20	0.029	194.7	0.0648				
2062.23	0.029	194.8	0.0648				
2062.27	0.028	194.9	0.0648				
2062.30	0.028	194.9	0.0648				
2062.33	0.028	194.9	0.0639				
2062.37	0.027	194.9	0.0621				
2062.40	0.025	194.9	0.0604				
2062.43	0.024	194.9	0.0595				
2062.47	0.023	194.8	0.0568				
2062.50	0.021	194.7	0.0568				
2062.53	0.019	194.6	0.055				
2062.58	0.018	194.5	0.0506				
2062.62	0.017	194.5	0.0506				
2062.63	0.015	194.3	0.0488				
2062.67	0.015	194.3	0.0462				
2062.70	0.013	194.2	0.0417				
2062.73	0.01	193.9	0.0382				
2062.77	0.008	193.7	0.0346				
2062.80	0.007	193.6	0.032				
2062.83	0.005	193.3	0.032				
2062.87	0.002	193	0.0284				
2062.90	0.002	193	0.0231				
2062.93	0.001	192.9	0.0195				
2062.97	-0.002	192.5	0.0151				
2063.00	-0.005	192.2	0.0115				
2063.03	-0.005	192	0.0089				
2063.07	-0.007	191.7	0.0053				
2063.10	-0.009	191.5	0.0053				
2063.13	-0.009	191.5	0.0018				
2063.17	-0.01	191.2	-0.0009				
2063.20	-0.012	190.9	-0.0036				
2063.23	-0.014	190.7	-0.0062				
2063.27	-0.014	190.5	-0.0071				
2063.30	-0.015	190.3	-0.0089				
2063.33	-0.016	190.1	-0.0089				
2063.37	-0.016	190.1	-0.0107				
2063.40	-0.016	189.9	-0.0115				
2063.43	-0.017	189.8	-0.0124				
2063.47	-0.017	189.6	-0.0133				
2063.50	-0.017	189.5	-0.0133				
2063.53	-0.017	189.4	-0.0133				
2063.57	-0.017	189.4	-0.0133				
2063.60	-0.016	189.4	-0.0124				
2063.63	-0.016	189.3	-0.0115				
2063.67	-0.016	189.3	-0.0115				
2063.70	-0.014	189.3	-0.0098				
2063.73	-0.014	189.3	-0.0089				
2063.77	-0.013	189.3	-0.0071				
2063.80	-0.01	189.4	-0.0071				
2063.83	-0.01	189.4	-0.0053				
2063.87	-0.01	189.5	-0.0027				
2063.90	-0.008	189.6	0				
2063.93	-0.005	189.7	0.0027				
2063.97	-0.004	189.8	0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2064.00	-0.002	190	0.0089				
2064.05	0.001	190.2	0.0124				
2064.08	0.001	190.3	0.0142				
2064.10	0.003	190.6	0.0178				
2064.13	0.006	190.8	0.0178				
2064.17	0.007	190.8	0.0213				
2064.20	0.007	191	0.0249				
2064.23	0.009	191.3	0.0293				
2064.27	0.013	191.5	0.0337				
2064.30	0.014	191.7	0.0373				
2064.33	0.015	192	0.0408				
2064.37	0.018	192.3	0.0408				
2064.40	0.019	192.3	0.0444				
2064.43	0.019	192.5	0.047				
2064.47	0.02	192.7	0.0506				
2064.50	0.023	193	0.0533				
2064.53	0.024	193.2	0.055				
2064.57	0.025	193.4	0.0577				
2064.60	0.026	193.7	0.0577				
2064.63	0.027	193.9	0.0595				
2064.67	0.027	193.9	0.0612				
2064.70	0.027	194	0.0621				
2064.73	0.028	194.2	0.0639				
2064.77	0.029	194.4	0.0639				
2064.80	0.029	194.5	0.0648				
2064.83	0.029	194.6	0.0648				
2064.87	0.029	194.7	0.0648				
2064.90	0.029	194.7	0.0648				
2064.93	0.029	194.8	0.0648				
2064.97	0.028	194.9	0.0648				
2065.00	0.027	194.9	0.063				
2065.03	0.026	194.9	0.0612				
2065.07	0.024	194.9	0.0612				
2065.10	0.023	194.8	0.0595				
2065.13	0.023	194.8	0.0577				
2065.17	0.022	194.8	0.0559				
2065.20	0.02	194.7	0.0541				
2065.23	0.018	194.6	0.0515				
2065.27	0.017	194.5	0.0488				
2065.30	0.015	194.2	0.0453				
2065.33	0.012	194.1	0.0453				
2065.37	0.012	194.1	0.0426				
2065.40	0.011	194	0.0391				
2065.43	0.009	193.7	0.0355				
2065.48	0.006	193.5	0.032				
2065.52	0.006	193.4	0.0302				
2065.55	0.004	193.1	0.0257				
2065.57	0.001	192.9	0.0222				
2065.60	0	192.7	0.0178				
2065.63	-0.002	192.4	0.0142				
2065.67	-0.005	192.1	0.0142				
2065.70	-0.006	192.1	0.0107				
2065.73	-0.006	191.9	0.008				
2065.77	-0.008	191.6	0.0044				
2065.80	-0.01	191.3	0.0018				
2065.83	-0.011	191.2	-0.0009				
2065.87	-0.012	190.8	-0.0036				
2065.90	-0.014	190.6	-0.0036				
2065.93	-0.015	190.6	-0.0062				
2065.97	-0.015	190.4	-0.008				
2066.00	-0.015	190.2	-0.0098				
2066.03	-0.017	190	-0.0107				
2066.07	-0.017	189.8	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2066.10	-0.017	189.7	-0.0124				
2066.13	-0.017	189.6	-0.0124				
2066.17	-0.017	189.6	-0.0124				
2066.20	-0.017	189.5	-0.0133				
2066.23	-0.017	189.4	-0.0124				
2066.27	-0.017	189.3	-0.0124				
2066.30	-0.016	189.3	-0.0115				
2066.33	-0.015	189.2	-0.0107				
2066.37	-0.014	189.2	-0.0107				
2066.40	-0.013	189.2	-0.0098				
2066.43	-0.013	189.3	-0.008				
2066.47	-0.012	189.3	-0.0062				
2066.50	-0.01	189.4	-0.0036				
2066.53	-0.009	189.5	-0.0018				
2066.57	-0.007	189.6	0.0009				
2066.60	-0.004	189.8	0.0009				
2066.63	-0.003	189.8	0.0036				
2066.67	-0.003	189.9	0.0071				
2066.70	-0.002	190.1	0.0107				
2066.73	0.002	190.3	0.0142				
2066.77	0.003	190.5	0.0169				
2066.80	0.004	190.7	0.0204				
2066.83	0.008	191	0.0204				
2066.87	0.009	191	0.0249				
2066.90	0.009	191.2	0.0284				
2066.95	0.013	191.6	0.0328				
2066.98	0.014	191.8	0.0346				
2067.00	0.014	191.8	0.0382				
2067.03	0.016	192.1	0.0426				
2067.07	0.018	192.4	0.0453				
2067.10	0.02	192.6	0.0488				
2067.13	0.021	192.8	0.0515				
2067.17	0.023	193.1	0.0515				
2067.20	0.025	193.3	0.055				
2067.23	0.025	193.3	0.0568				
2067.27	0.025	193.5	0.0586				
2067.30	0.026	193.7	0.0612				
2067.33	0.028	193.9	0.0621				
2067.37	0.027	194.1	0.063				
2067.40	0.028	194.3	0.063				
2067.43	0.029	194.4	0.0639				
2067.47	0.029	194.4	0.0648				
2067.50	0.029	194.5	0.0648				
2067.53	0.029	194.7	0.0648				
2067.57	0.029	194.7	0.0657				
2067.60	0.029	194.8	0.0648				
2067.63	0.028	194.9	0.0639				
2067.67	0.026	194.9	0.0639				
2067.70	0.026	194.9	0.063				
2067.73	0.026	194.9	0.0612				
2067.77	0.024	194.8	0.0595				
2067.80	0.022	194.8	0.0577				
2067.83	0.022	194.7	0.0568				
2067.87	0.021	194.7	0.0541				
2067.90	0.017	194.5	0.0541				
2067.93	0.016	194.5	0.0506				
2067.97	0.016	194.4	0.0488				
2068.00	0.015	194.2	0.0453				
2068.03	0.011	194	0.0417				
2068.07	0.011	193.9	0.0382				
2068.10	0.009	193.7	0.0346				
2068.13	0.005	193.4	0.0346				
2068.17	0.004	193.4	0.0302				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2068.20	0.004	193.2	0.0284				
2068.23	0.002	193	0.0231				
2068.27	-0.001	192.7	0.0186				
2068.30	-0.002	192.5	0.016				
2068.33	-0.004	192.2	0.0124				
2068.38	-0.007	191.9	0.008				
2068.42	-0.007	191.7	0.0062				
2068.45	-0.008	191.4	0.0027				
2068.47	-0.011	191.2	0.0027				
2068.50	-0.011	191.2	0				
2068.53	-0.011	191	-0.0018				
2068.57	-0.012	190.7	-0.0044				
2068.60	-0.015	190.5	-0.0071				
2068.63	-0.015	190.3	-0.008				
2068.67	-0.016	190.1	-0.0098				
2068.70	-0.017	189.9	-0.0098				
2068.73	-0.017	189.9	-0.0107				
2068.77	-0.017	189.8	-0.0115				
2068.80	-0.017	189.6	-0.0124				
2068.83	-0.017	189.5	-0.0124				
2068.87	-0.017	189.4	-0.0124				
2068.90	-0.017	189.3	-0.0124				
2068.93	-0.016	189.3	-0.0124				
2068.97	-0.015	189.3	-0.0115				
2069.00	-0.015	189.3	-0.0107				
2069.03	-0.015	189.2	-0.0098				
2069.07	-0.014	189.3	-0.0089				
2069.10	-0.012	189.3	-0.0071				
2069.13	-0.012	189.3	-0.0053				
2069.17	-0.01	189.4	-0.0027				
2069.20	-0.008	189.5	-0.0027				
2069.23	-0.006	189.5	0				
2069.27	-0.006	189.6	0.0027				
2069.30	-0.005	189.8	0.0053				
2069.33	-0.002	190	0.008				
2069.37	-0.001	190.1	0.0115				
2069.40	0.001	190.4	0.0151				
2069.43	0.005	190.6	0.0151				
2069.47	0.005	190.6	0.0195				
2069.50	0.005	190.8	0.0222				
2069.53	0.007	191	0.0275				
2069.57	0.011	191.3	0.0311				
2069.60	0.012	191.5	0.0346				
2069.63	0.013	191.8	0.0382				
2069.67	0.017	192	0.0382				
2069.70	0.018	192	0.0417				
2069.73	0.018	192.3	0.0453				
2069.77	0.019	192.5	0.0479				
2069.80	0.022	192.8	0.0515				
2069.85	0.022	193	0.0533				
2069.88	0.023	193.2	0.055				
2069.90	0.025	193.4	0.0577				
2069.93	0.025	193.6	0.0595				
2069.97	0.026	193.8	0.0612				
2070.00	0.028	194	0.0612				
2070.03	0.028	194	0.063				
2070.07	0.028	194.2	0.0639				
2070.10	0.028	194.3	0.0648				
2070.13	0.029	194.5	0.0657				
2070.17	0.029	194.6	0.0657				
2070.20	0.029	194.7	0.0657				
2070.23	0.028	194.8	0.0657				
2070.27	0.028	194.8	0.0657				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2070.30	0.028	194.9	0.0648				
2070.33	0.027	194.9	0.0639				
2070.37	0.026	194.9	0.063				
2070.40	0.025	194.9	0.0612				
2070.43	0.024	194.9	0.0595				
2070.47	0.022	194.8	0.0595				
2070.50	0.021	194.8	0.0568				
2070.53	0.021	194.7	0.055				
2070.57	0.02	194.6	0.0524				
2070.60	0.016	194.5	0.0497				
2070.63	0.015	194.4	0.047				
2070.67	0.014	194.2	0.0435				
2070.70	0.01	194	0.0435				
2070.73	0.009	194	0.0399				
2070.77	0.009	193.8	0.0373				
2070.80	0.008	193.6	0.0337				
2070.83	0.004	193.4	0.0293				
2070.87	0.003	193.2	0.0257				
2070.90	0.002	192.9	0.0213				
2070.93	-0.002	192.6	0.0213				
2070.97	-0.003	192.6	0.0169				
2071.00	-0.003	192.4	0.0142				
2071.03	-0.004	192.1	0.0107				
2071.07	-0.007	191.8	0.0071				
2071.10	-0.009	191.6	0.0036				
2071.13	-0.01	191.3	0.0009				
2071.17	-0.012	191	0.0009				
2071.20	-0.013	190.8	-0.0018				
2071.23	-0.013	190.8	-0.0036				
2071.27	-0.014	190.6	-0.0062				
2071.32	-0.016	190.2	-0.008				
2071.35	-0.016	190.2	-0.0089				
2071.37	-0.016	190	-0.0098				
2071.40	-0.016	189.8	-0.0107				
2071.43	-0.017	189.7	-0.0115				
2071.47	-0.017	189.6	-0.0124				
2071.50	-0.017	189.4	-0.0124				
2071.53	-0.017	189.4	-0.0124				
2071.57	-0.017	189.4	-0.0124				
2071.60	-0.017	189.3	-0.0124				
2071.63	-0.016	189.2	-0.0115				
2071.67	-0.015	189.2	-0.0107				
2071.70	-0.015	189.2	-0.0098				
2071.73	-0.014	189.2	-0.008				
2071.77	-0.012	189.3	-0.008				
2071.80	-0.011	189.3	-0.0062				
2071.83	-0.011	189.3	-0.0044				
2071.87	-0.009	189.5	-0.0018				
2071.90	-0.007	189.6	0.0009				
2071.93	-0.006	189.7	0.0036				
2071.97	-0.004	189.9	0.0062				
2072.00	-0.001	190	0.0062				
2072.03	0	190	0.0098				
2072.07	0	190.2	0.0124				
2072.10	0.002	190.4	0.016				
2072.13	0.005	190.6	0.0204				
2072.17	0.006	190.8	0.024				
2072.20	0.008	191.2	0.0284				
2072.23	0.012	191.4	0.0284				
2072.27	0.013	191.4	0.0328				
2072.30	0.013	191.6	0.0355				
2072.33	0.014	191.9	0.0391				
2072.37	0.017	192.1	0.0435				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2072.40	0.018	192.3	0.0462				
2072.43	0.02	192.6	0.0497				
2072.47	0.023	192.9	0.0497				
2072.50	0.023	192.9	0.0524				
2072.53	0.023	193.1	0.055				
2072.57	0.024	193.3	0.0568				
2072.60	0.026	193.5	0.0595				
2072.63	0.026	193.7	0.0612				
2072.67	0.027	193.9	0.0621				
2072.70	0.028	194.1	0.0621				
2072.75	0.028	194.2	0.0648				
2072.78	0.029	194.4	0.0648				
2072.82	0.029	194.5	0.0648				
2072.83	0.029	194.5	0.0648				
2072.87	0.029	194.6	0.0657				
2072.90	0.029	194.7	0.0657				
2072.93	0.028	194.8	0.0657				
2072.97	0.028	194.9	0.0648				
2073.00	0.027	194.9	0.063				
2073.03	0.026	194.9	0.063				
2073.07	0.025	194.9	0.0621				
2073.10	0.025	194.9	0.0604				
2073.13	0.024	194.8	0.0577				
2073.17	0.021	194.7	0.0559				
2073.20	0.02	194.7	0.0541				
2073.23	0.019	194.5	0.0515				
2073.27	0.016	194.4	0.0515				
2073.30	0.015	194.4	0.0488				
2073.33	0.015	194.3	0.0462				
2073.37	0.013	194.1	0.0417				
2073.40	0.009	193.9	0.0382				
2073.43	0.009	193.7	0.0355				
2073.47	0.007	193.5	0.032				
2073.50	0.003	193.2	0.032				
2073.53	0.002	193.2	0.0275				
2073.57	0.002	193	0.024				
2073.60	0.001	192.8	0.0195				
2073.63	-0.003	192.5	0.016				
2073.67	-0.004	192.3	0.0133				
2073.70	-0.005	192	0.0089				
2073.73	-0.009	191.7	0.0089				
2073.77	-0.009	191.7	0.0053				
2073.80	-0.009	191.4	0.0027				
2073.83	-0.01	191.2	0				
2073.87	-0.012	190.9	-0.0027				
2073.90	-0.013	190.7	-0.0044				
2073.93	-0.014	190.5	-0.0071				
2073.97	-0.016	190.2	-0.0071				
2074.00	-0.016	190.2	-0.0089				
2074.03	-0.016	190.1	-0.0098				
2074.07	-0.016	189.9	-0.0115				
2074.10	-0.017	189.7	-0.0115				
2074.13	-0.017	189.6	-0.0124				
2074.17	-0.017	189.5	-0.0124				
2074.22	-0.017	189.4	-0.0133				
2074.25	-0.017	189.3	-0.0124				
2074.27	-0.016	189.2	-0.0124				
2074.30	-0.016	189.2	-0.0124				
2074.33	-0.015	189.2	-0.0115				
2074.37	-0.015	189.2	-0.0107				
2074.40	-0.014	189.2	-0.0089				
2074.43	-0.013	189.2	-0.0071				
2074.47	-0.011	189.3	-0.0053				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2074.50	-0.01	189.4	-0.0036				
2074.53	-0.008	189.5	-0.0036				
2074.57	-0.006	189.6	-0.0009				
2074.60	-0.006	189.6	0.0018				
2074.63	-0.005	189.7	0.0044				
2074.67	-0.003	189.9	0.008				
2074.70	0	190.1	0.0115				
2074.73	0.001	190.2	0.0142				
2074.77	0.003	190.5	0.0186				
2074.80	0.006	190.7	0.0186				
2074.83	0.006	190.7	0.0222				
2074.87	0.007	190.9	0.0257				
2074.90	0.01	191.2	0.0311				
2074.93	0.013	191.5	0.0346				
2074.97	0.013	191.7	0.0373				
2075.00	0.015	192	0.0408				
2075.03	0.018	192.2	0.0408				
2075.07	0.019	192.2	0.0444				
2075.10	0.019	192.4	0.0479				
2075.13	0.02	192.7	0.0506				
2075.17	0.023	193	0.0533				
2075.20	0.024	193.2	0.0559				
2075.23	0.025	193.4	0.0586				
2075.27	0.027	193.6	0.0586				
2075.30	0.027	193.6	0.0604				
2075.33	0.027	193.8	0.0612				
2075.37	0.027	194	0.063				
2075.40	0.028	194.2	0.0639				
2075.43	0.029	194.3	0.0648				
2075.47	0.029	194.4	0.0648				
2075.50	0.029	194.6	0.0648				
2075.53	0.029	194.6	0.0657				
2075.57	0.029	194.7	0.0648				
2075.60	0.029	194.7	0.0657				
2075.65	0.027	194.8	0.0648				
2075.68	0.027	194.9	0.0639				
2075.72	0.027	194.9	0.063				
2075.73	0.025	194.8	0.0612				
2075.77	0.024	194.8	0.0595				
2075.80	0.023	194.8	0.0577				
2075.83	0.021	194.7	0.0577				
2075.87	0.019	194.6	0.055				
2075.90	0.019	194.6	0.0533				
2075.93	0.018	194.5	0.0506				
2075.97	0.015	194.3	0.047				
2076.00	0.014	194.2	0.0444				
2076.03	0.012	194	0.0408				
2076.07	0.009	193.8	0.0408				
2076.10	0.007	193.6	0.0373				
2076.13	0.007	193.6	0.0346				
2076.17	0.006	193.4	0.0311				
2076.20	0.004	193.1	0.0275				
2076.23	0.001	192.9	0.0222				
2076.27	0	192.7	0.0186				
2076.30	-0.003	192.4	0.0186				
2076.33	-0.005	192.1	0.0142				
2076.37	-0.005	192.1	0.0115				
2076.40	-0.006	191.9	0.008				
2076.43	-0.008	191.5	0.0044				
2076.47	-0.01	191.3	0.0009				
2076.50	-0.011	191.1	-0.0018				
2076.53	-0.012	190.8	-0.0036				
2076.57	-0.014	190.6	-0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2076.60	-0.014	190.6	-0.0062				
2076.63	-0.015	190.4	-0.008				
2076.67	-0.016	190.2	-0.0089				
2076.70	-0.016	190	-0.0107				
2076.73	-0.017	189.8	-0.0115				
2076.77	-0.017	189.7	-0.0124				
2076.80	-0.017	189.5	-0.0124				
2076.83	-0.017	189.5	-0.0124				
2076.87	-0.017	189.4	-0.0124				
2076.90	-0.017	189.3	-0.0124				
2076.93	-0.016	189.3	-0.0124				
2076.97	-0.016	189.2	-0.0115				
2077.00	-0.015	189.2	-0.0098				
2077.03	-0.014	189.2	-0.0098				
2077.07	-0.013	189.2	-0.0089				
2077.12	-0.012	189.2	-0.0071				
2077.15	-0.011	189.3	-0.0071				
2077.17	-0.01	189.3	-0.0053				
2077.20	-0.01	189.3	-0.0027				
2077.23	-0.008	189.5	0				
2077.27	-0.005	189.7	0.0027				
2077.30	-0.004	189.8	0.0053				
2077.33	-0.003	190	0.0089				
2077.37	0.001	190.2	0.0089				
2077.40	0.002	190.2	0.0124				
2077.43	0.002	190.3	0.016				
2077.47	0.004	190.6	0.0204				
2077.50	0.007	190.8	0.024				
2077.53	0.009	191	0.0284				
2077.57	0.01	191.3	0.032				
2077.60	0.013	191.6	0.032				
2077.63	0.014	191.6	0.0355				
2077.67	0.014	191.8	0.0391				
2077.70	0.016	192.1	0.0426				
2077.73	0.019	192.3	0.0462				
2077.77	0.02	192.5	0.0488				
2077.80	0.021	192.8	0.0524				
2077.83	0.023	193.1	0.0524				
2077.87	0.024	193.1	0.055				
2077.90	0.024	193.3	0.0568				
2077.93	0.025	193.5	0.0586				
2077.97	0.027	193.7	0.0612				
2078.00	0.027	193.9	0.0621				
2078.03	0.028	194.1	0.0639				
2078.07	0.028	194.2	0.0639				
2078.10	0.029	194.2	0.0639				
2078.13	0.029	194.4	0.0648				
2078.17	0.029	194.5	0.0648				
2078.20	0.029	194.6	0.0657				
2078.23	0.029	194.7	0.0657				
2078.27	0.028	194.8	0.0648				
2078.30	0.027	194.8	0.0648				
2078.33	0.026	194.8	0.0639				
2078.37	0.026	194.8	0.063				
2078.40	0.026	194.8	0.0612				
2078.43	0.024	194.8	0.0595				
2078.47	0.023	194.8	0.0586				
2078.50	0.022	194.7	0.0559				
2078.55	0.019	194.6	0.0533				
2078.58	0.019	194.5	0.0524				
2078.62	0.017	194.4	0.0488				
2078.63	0.014	194.2	0.0488				
2078.67	0.013	194.1	0.0453				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2078.70	0.013	194.1	0.0435				
2078.73	0.012	193.9	0.0399				
2078.77	0.008	193.7	0.0355				
2078.80	0.007	193.5	0.0337				
2078.83	0.005	193.3	0.0293				
2078.87	0.002	193	0.0293				
2078.90	0	192.8	0.024				
2078.93	0	192.8	0.0213				
2078.97	-0.001	192.5	0.0169				
2079.00	-0.004	192.2	0.0124				
2079.03	-0.006	192	0.0089				
2079.07	-0.007	191.7	0.0062				
2079.10	-0.009	191.4	0.0062				
2079.13	-0.011	191.2	0.0036				
2079.17	-0.011	191.2	0				
2079.20	-0.012	191	-0.0027				
2079.23	-0.013	190.7	-0.0053				
2079.27	-0.015	190.5	-0.0071				
2079.30	-0.015	190.3	-0.008				
2079.33	-0.016	190.1	-0.0098				
2079.37	-0.017	189.9	-0.0098				
2079.40	-0.017	189.9	-0.0107				
2079.43	-0.017	189.7	-0.0115				
2079.47	-0.017	189.6	-0.0115				
2079.50	-0.017	189.5	-0.0124				
2079.53	-0.017	189.4	-0.0124				
2079.57	-0.017	189.3	-0.0124				
2079.60	-0.016	189.2	-0.0124				
2079.63	-0.016	189.2	-0.0115				
2079.67	-0.016	189.2	-0.0107				
2079.70	-0.015	189.2	-0.0098				
2079.73	-0.013	189.2	-0.008				
2079.77	-0.012	189.2	-0.0062				
2079.80	-0.011	189.3	-0.0044				
2079.83	-0.009	189.4	-0.0044				
2079.87	-0.009	189.4	-0.0027				
2079.90	-0.009	189.5	-0.0009				
2079.93	-0.006	189.7	0.0027				
2079.97	-0.003	189.8	0.0053				
2080.02	-0.002	189.9	0.008				
2080.05	-0.002	190.1	0.0107				
2080.07	0.001	190.3	0.0142				
2080.10	0.003	190.4	0.0178				
2080.13	0.005	190.7	0.0213				
2080.17	0.008	190.9	0.0213				
2080.20	0.009	190.9	0.0249				
2080.23	0.009	191.2	0.0293				
2080.27	0.011	191.4	0.0328				
2080.30	0.014	191.7	0.0373				
2080.33	0.015	191.9	0.0399				
2080.37	0.016	192.1	0.0435				
2080.40	0.02	192.4	0.0435				
2080.43	0.021	192.4	0.0479				
2080.47	0.021	192.6	0.0506				
2080.50	0.022	192.9	0.0533				
2080.53	0.024	193.1	0.0559				
2080.57	0.024	193.3	0.0568				
2080.60	0.026	193.5	0.0595				
2080.63	0.027	193.8	0.0595				
2080.67	0.028	193.8	0.0621				
2080.70	0.028	193.9	0.063				
2080.73	0.028	194.1	0.0639				
2080.77	0.028	194.3	0.0648				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2080.80	0.029	194.4	0.0648				
2080.83	0.029	194.5	0.0657				
2080.87	0.029	194.6	0.0657				
2080.90	0.029	194.6	0.0657				
2080.93	0.029	194.7	0.0657				
2080.97	0.028	194.8	0.0648				
2081.00	0.027	194.8	0.063				
2081.03	0.026	194.8	0.0621				
2081.07	0.025	194.8	0.0612				
2081.10	0.024	194.8	0.0612				
2081.13	0.022	194.7	0.0586				
2081.17	0.022	194.7	0.0577				
2081.20	0.021	194.7	0.055				
2081.23	0.019	194.5	0.0524				
2081.27	0.017	194.4	0.0497				
2081.30	0.016	194.3	0.047				
2081.33	0.013	194.1	0.047				
2081.37	0.011	193.9	0.0435				
2081.40	0.011	193.9	0.0408				
2081.43	0.01	193.7	0.0364				
2081.48	0.006	193.3	0.0328				
2081.52	0.006	193.3	0.0311				
2081.53	0.004	193.2	0.0275				
2081.57	0.001	192.8	0.0231				
2081.60	0	192.6	0.0195				
2081.63	-0.002	192.4	0.0151				
2081.67	-0.005	192.1	0.0151				
2081.70	-0.007	191.8	0.0107				
2081.73	-0.007	191.8	0.008				
2081.77	-0.008	191.6	0.0044				
2081.80	-0.01	191.3	0.0018				
2081.83	-0.011	191	-0.0009				
2081.87	-0.012	190.8	-0.0036				
2081.90	-0.014	190.6	-0.0036				
2081.93	-0.015	190.3	-0.0053				
2081.97	-0.015	190.3	-0.0071				
2082.00	-0.015	190.2	-0.0098				
2082.03	-0.017	190	-0.0115				
2082.07	-0.017	189.8	-0.0115				
2082.10	-0.017	189.7	-0.0115				
2082.13	-0.017	189.5	-0.0124				
2082.17	-0.017	189.4	-0.0124				
2082.20	-0.017	189.4	-0.0124				
2082.23	-0.017	189.3	-0.0124				
2082.27	-0.017	189.2	-0.0124				
2082.30	-0.016	189.2	-0.0115				
2082.33	-0.015	189.2	-0.0107				
2082.37	-0.014	189.2	-0.0089				
2082.40	-0.013	189.2	-0.0089				
2082.43	-0.012	189.2	-0.008				
2082.47	-0.012	189.2	-0.0062				
2082.50	-0.011	189.3	-0.0044				
2082.53	-0.008	189.4	-0.0018				
2082.57	-0.007	189.5	0.0009				
2082.60	-0.006	189.7	0.0036				
2082.63	-0.002	189.9	0.0036				
2082.67	-0.001	189.9	0.0071				
2082.70	-0.001	190	0.0098				
2082.73	0	190.2	0.0133				
2082.77	0.004	190.4	0.0178				
2082.80	0.004	190.6	0.0204				
2082.83	0.006	190.9	0.024				
2082.87	0.01	191.2	0.024				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2082.92	0.011	191.3	0.032				
2082.95	0.011	191.5	0.0346				
2082.98	0.015	191.8	0.0346				
2083.00	0.016	191.8	0.0382				
2083.03	0.016	192	0.0426				
2083.07	0.017	192.3	0.0462				
2083.10	0.02	192.5	0.0488				
2083.13	0.021	192.7	0.0515				
2083.17	0.022	193	0.0541				
2083.20	0.024	193.2	0.0541				
2083.23	0.025	193.2	0.0568				
2083.27	0.025	193.4	0.0586				
2083.30	0.026	193.6	0.0612				
2083.33	0.027	193.8	0.0621				
2083.37	0.028	194	0.063				
2083.40	0.028	194.2	0.0639				
2083.43	0.028	194.3	0.0639				
2083.47	0.029	194.3	0.0648				
2083.50	0.029	194.5	0.0657				
2083.53	0.029	194.6	0.0657				
2083.57	0.029	194.7	0.0657				
2083.60	0.029	194.8	0.0657				
2083.63	0.027	194.8	0.0639				
2083.67	0.027	194.8	0.0639				
2083.70	0.025	194.8	0.063				
2083.73	0.025	194.8	0.0621				
2083.77	0.025	194.8	0.0604				
2083.80	0.023	194.7	0.0586				
2083.83	0.021	194.7	0.0568				
2083.87	0.02	194.6	0.0533				
2083.90	0.018	194.4	0.0533				
2083.93	0.016	194.3	0.0515				
2083.97	0.016	194.3	0.0479				
2084.00	0.015	194.2	0.0453				
2084.03	0.012	194	0.0417				
2084.07	0.01	193.8	0.0391				
2084.10	0.009	193.7	0.0355				
2084.13	0.006	193.4	0.0355				
2084.17	0.004	193.1	0.032				
2084.20	0.004	193.1	0.0284				
2084.23	0.003	193	0.024				
2084.27	0	192.6	0.0195				
2084.30	-0.003	192.4	0.016				
2084.33	-0.004	192.2	0.0124				
2084.38	-0.006	191.8	0.0089				
2084.42	-0.007	191.7	0.0071				
2084.43	-0.008	191.4	0.0036				
2084.47	-0.01	191.1	0				
2084.50	-0.013	190.9	0				
2084.53	-0.013	190.9	-0.0027				
2084.57	-0.013	190.7	-0.0044				
2084.60	-0.014	190.4	-0.0062				
2084.63	-0.015	190.2	-0.008				
2084.67	-0.016	190.1	-0.0098				
2084.70	-0.016	189.8	-0.0115				
2084.73	-0.017	189.7	-0.0115				
2084.77	-0.017	189.7	-0.0115				
2084.80	-0.017	189.5	-0.0124				
2084.83	-0.017	189.4	-0.0124				
2084.87	-0.017	189.3	-0.0124				
2084.90	-0.017	189.3	-0.0124				
2084.93	-0.016	189.2	-0.0115				
2084.97	-0.016	189.1	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2085.00	-0.015	189.1	-0.0107				
2085.03	-0.015	189.1	-0.0098				
2085.07	-0.014	189.2	-0.0089				
2085.10	-0.012	189.2	-0.0071				
2085.13	-0.011	189.2	-0.0053				
2085.17	-0.01	189.3	-0.0027				
2085.20	-0.007	189.4	-0.0027				
2085.23	-0.007	189.4	0				
2085.27	-0.007	189.5	0.0018				
2085.30	-0.005	189.7	0.0053				
2085.33	-0.001	189.9	0.0089				
2085.37	-0.001	190	0.0115				
2085.40	0.001	190.3	0.0151				
2085.43	0.005	190.5	0.0151				
2085.47	0.005	190.5	0.0186				
2085.50	0.005	190.7	0.0222				
2085.53	0.007	190.9	0.0275				
2085.57	0.011	191.2	0.0311				
2085.60	0.012	191.4	0.0346				
2085.63	0.013	191.7	0.0382				
2085.67	0.017	191.9	0.0382				
2085.70	0.017	191.9	0.0417				
2085.73	0.017	192.1	0.0453				
2085.77	0.019	192.4	0.0488				
2085.82	0.022	192.7	0.0515				
2085.85	0.022	192.9	0.0533				
2085.88	0.023	193.1	0.0559				
2085.90	0.025	193.3	0.0577				
2085.93	0.026	193.5	0.0595				
2085.97	0.026	193.7	0.0621				
2086.00	0.028	193.9	0.0621				
2086.03	0.028	193.9	0.063				
2086.07	0.028	194.1	0.0639				
2086.10	0.028	194.2	0.0648				
2086.13	0.029	194.4	0.0657				
2086.17	0.029	194.5	0.0657				
2086.20	0.029	194.6	0.0657				
2086.23	0.029	194.7	0.0657				
2086.27	0.028	194.7	0.0657				
2086.30	0.028	194.8	0.0648				
2086.33	0.027	194.8	0.0639				
2086.37	0.026	194.8	0.0621				
2086.40	0.025	194.8	0.0612				
2086.43	0.024	194.8	0.0595				
2086.47	0.022	194.7	0.0595				
2086.50	0.021	194.7	0.0577				
2086.53	0.021	194.7	0.0559				
2086.57	0.02	194.5	0.0533				
2086.60	0.016	194.4	0.0488				
2086.63	0.015	194.3	0.047				
2086.67	0.014	194.1	0.0444				
2086.70	0.011	193.9	0.0444				
2086.73	0.01	193.7	0.0408				
2086.77	0.01	193.7	0.0373				
2086.80	0.008	193.5	0.0328				
2086.83	0.004	193.3	0.0293				
2086.87	0.003	193.1	0.0257				
2086.90	0.002	192.8	0.0213				
2086.93	-0.002	192.5	0.0213				
2086.97	-0.003	192.3	0.0178				
2087.00	-0.003	192.3	0.0151				
2087.03	-0.004	192.1	0.0107				
2087.07	-0.007	191.7	0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2087.10	-0.008	191.5	0.0044				
2087.13	-0.01	191.3	0.0009				
2087.17	-0.012	190.9	0.0009				
2087.20	-0.013	190.7	-0.0018				
2087.23	-0.013	190.7	-0.0036				
2087.28	-0.015	190.3	-0.0071				
2087.32	-0.015	190.1	-0.0071				
2087.33	-0.015	190.1	-0.008				
2087.37	-0.016	190	-0.0098				
2087.40	-0.017	189.7	-0.0107				
2087.43	-0.017	189.6	-0.0115				
2087.47	-0.017	189.5	-0.0124				
2087.50	-0.017	189.4	-0.0124				
2087.53	-0.017	189.3	-0.0124				
2087.57	-0.017	189.3	-0.0124				
2087.60	-0.017	189.2	-0.0124				
2087.63	-0.016	189.2	-0.0115				
2087.67	-0.015	189.1	-0.0107				
2087.70	-0.014	189.1	-0.0089				
2087.73	-0.014	189.1	-0.008				
2087.77	-0.012	189.2	-0.008				
2087.80	-0.011	189.2	-0.0062				
2087.83	-0.011	189.2	-0.0036				
2087.87	-0.01	189.4	-0.0018				
2087.90	-0.007	189.5	0.0009				
2087.93	-0.006	189.6	0.0036				
2087.97	-0.004	189.8	0.0071				
2088.00	-0.001	190	0.0071				
2088.03	0	190	0.0098				
2088.07	0	190.1	0.0133				
2088.10	0.002	190.3	0.0178				
2088.13	0.006	190.6	0.0213				
2088.17	0.006	190.7	0.024				
2088.20	0.008	191	0.0284				
2088.23	0.012	191.3	0.0284				
2088.27	0.013	191.3	0.0328				
2088.30	0.013	191.5	0.0355				
2088.33	0.014	191.8	0.0399				
2088.37	0.017	192	0.0435				
2088.40	0.018	192.3	0.0462				
2088.43	0.019	192.5	0.0488				
2088.47	0.023	192.8	0.0488				
2088.50	0.023	192.8	0.0533				
2088.53	0.023	193	0.055				
2088.57	0.024	193.2	0.0577				
2088.60	0.026	193.5	0.0595				
2088.63	0.027	193.6	0.0612				
2088.67	0.027	193.8	0.063				
2088.70	0.028	194	0.063				
2088.75	0.028	194.2	0.0648				
2088.78	0.029	194.3	0.0648				
2088.80	0.029	194.4	0.0648				
2088.83	0.029	194.5	0.0657				
2088.87	0.029	194.5	0.0657				
2088.90	0.029	194.6	0.0657				
2088.93	0.029	194.7	0.0657				
2088.97	0.027	194.8	0.0648				
2089.00	0.027	194.8	0.0639				
2089.03	0.026	194.8	0.0621				
2089.07	0.024	194.8	0.0621				
2089.10	0.024	194.8	0.0612				
2089.13	0.024	194.7	0.0595				
2089.17	0.022	194.6	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2089.20	0.02	194.6	0.0541				
2089.23	0.019	194.5	0.0524				
2089.27	0.017	194.3	0.0497				
2089.30	0.014	194.2	0.0497				
2089.33	0.013	194.2	0.0462				
2089.37	0.013	194.1	0.0435				
2089.40	0.011	193.8	0.0399				
2089.43	0.008	193.6	0.0364				
2089.47	0.007	193.5	0.0337				
2089.50	0.005	193.2	0.0284				
2089.53	0.001	192.9	0.0284				
2089.57	0	192.9	0.024				
2089.60	0	192.7	0.0213				
2089.63	-0.001	192.4	0.0169				
2089.67	-0.005	192.2	0.0133				
2089.70	-0.005	191.9	0.0107				
2089.73	-0.007	191.6	0.0062				
2089.77	-0.01	191.4	0.0062				
2089.80	-0.01	191.4	0.0036				
2089.83	-0.01	191.2	0.0009				
2089.87	-0.011	190.8	-0.0018				
2089.90	-0.014	190.6	-0.0053				
2089.93	-0.014	190.4	-0.0062				
2089.97	-0.015	190.2	-0.008				
2090.00	-0.016	190	-0.008				
2090.03	-0.017	190	-0.0098				
2090.07	-0.017	189.9	-0.0107				
2090.10	-0.017	189.7	-0.0115				
2090.13	-0.017	189.5	-0.0115				
2090.18	-0.017	189.4	-0.0115				
2090.22	-0.017	189.3	-0.0115				
2090.23	-0.017	189.2	-0.0115				
2090.27	-0.017	189.2	-0.0115				
2090.30	-0.016	189.2	-0.0107				
2090.33	-0.015	189.1	-0.0107				
2090.37	-0.014	189.1	-0.0098				
2090.40	-0.014	189.1	-0.008				
2090.43	-0.013	189.2	-0.0062				
2090.47	-0.011	189.2	-0.0053				
2090.50	-0.01	189.3	-0.0036				
2090.53	-0.009	189.4	-0.0009				
2090.57	-0.006	189.5	-0.0009				
2090.60	-0.005	189.5	0.0027				
2090.63	-0.005	189.6	0.0053				
2090.67	-0.003	189.8	0.008				
2090.70	0	190	0.0115				
2090.73	0.001	190.2	0.0142				
2090.77	0.002	190.4	0.0178				
2090.80	0.006	190.7	0.0178				
2090.83	0.007	190.7	0.0231				
2090.87	0.007	190.9	0.0257				
2090.90	0.009	191.2	0.0311				
2090.93	0.013	191.4	0.0346				
2090.97	0.013	191.6	0.0373				
2091.00	0.015	191.9	0.0417				
2091.03	0.018	192.2	0.0417				
2091.07	0.019	192.2	0.0453				
2091.10	0.019	192.4	0.0479				
2091.13	0.02	192.6	0.0515				
2091.17	0.023	192.9	0.0541				
2091.20	0.024	193.1	0.0559				
2091.23	0.025	193.3	0.0595				
2091.27	0.027	193.5	0.0595				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2091.30	0.027	193.5	0.0612				
2091.33	0.027	193.7	0.0621				
2091.37	0.027	193.9	0.063				
2091.40	0.028	194.1	0.0648				
2091.43	0.028	194.3	0.0648				
2091.47	0.029	194.4	0.0657				
2091.50	0.029	194.5	0.0657				
2091.53	0.029	194.5	0.0666				
2091.57	0.029	194.6	0.0666				
2091.60	0.029	194.7	0.0657				
2091.65	0.027	194.7	0.0648				
2091.68	0.027	194.8	0.0648				
2091.70	0.027	194.8	0.063				
2091.73	0.025	194.8	0.0612				
2091.77	0.024	194.8	0.0604				
2091.80	0.023	194.7	0.0577				
2091.83	0.021	194.6	0.0577				
2091.87	0.019	194.6	0.0559				
2091.90	0.019	194.6	0.0541				
2091.93	0.018	194.5	0.0497				
2091.97	0.015	194.2	0.0479				
2092.00	0.014	194.1	0.0453				
2092.03	0.012	194	0.0417				
2092.07	0.009	193.7	0.0417				
2092.10	0.007	193.5	0.0373				
2092.13	0.007	193.5	0.0346				
2092.17	0.006	193.3	0.0311				
2092.20	0.003	193	0.0275				
2092.23	0.001	192.8	0.0231				
2092.27	0	192.6	0.0186				
2092.30	-0.003	192.3	0.0186				
2092.33	-0.005	192	0.0151				
2092.37	-0.005	192	0.0115				
2092.40	-0.006	191.8	0.008				
2092.43	-0.008	191.5	0.0044				
2092.47	-0.011	191.2	0.0009				
2092.50	-0.011	191	-0.0009				
2092.53	-0.012	190.7	-0.0036				
2092.57	-0.014	190.5	-0.0036				
2092.60	-0.014	190.5	-0.0053				
2092.63	-0.014	190.3	-0.0071				
2092.67	-0.015	190.1	-0.0089				
2092.70	-0.017	189.9	-0.0107				
2092.73	-0.017	189.7	-0.0115				
2092.77	-0.017	189.6	-0.0115				
2092.80	-0.017	189.5	-0.0115				
2092.83	-0.017	189.5	-0.0115				
2092.87	-0.017	189.3	-0.0115				
2092.90	-0.017	189.3	-0.0115				
2092.93	-0.017	189.2	-0.0115				
2092.97	-0.016	189.1	-0.0107				
2093.00	-0.016	189.2	-0.0098				
2093.03	-0.014	189.2	-0.0098				
2093.08	-0.013	189.2	-0.0071				
2093.12	-0.013	189.2	-0.0062				
2093.15	-0.01	189.3	-0.0062				
2093.17	-0.009	189.3	-0.0044				
2093.20	-0.009	189.3	-0.0018				
2093.23	-0.008	189.4	0				
2093.27	-0.005	189.6	0.0036				
2093.30	-0.004	189.7	0.0062				
2093.33	-0.003	189.9	0.0098				
2093.37	0.001	190.1	0.0098				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2093.40	0.002	190.1	0.0133				
2093.43	0.002	190.3	0.0169				
2093.47	0.004	190.5	0.0195				
2093.50	0.007	190.8	0.024				
2093.53	0.008	191	0.0284				
2093.57	0.01	191.2	0.032				
2093.60	0.014	191.5	0.032				
2093.63	0.015	191.5	0.0364				
2093.67	0.015	191.7	0.0391				
2093.70	0.016	192	0.0426				
2093.73	0.019	192.2	0.0462				
2093.77	0.02	192.5	0.0488				
2093.80	0.021	192.7	0.0524				
2093.83	0.024	193	0.0524				
2093.87	0.024	193	0.0559				
2093.90	0.024	193.1	0.0568				
2093.93	0.025	193.4	0.0595				
2093.97	0.027	193.6	0.0612				
2094.00	0.027	193.8	0.0621				
2094.03	0.028	193.9	0.0639				
2094.07	0.028	194.1	0.0639				
2094.10	0.028	194.1	0.0648				
2094.13	0.028	194.3	0.0648				
2094.17	0.029	194.4	0.0657				
2094.20	0.029	194.5	0.0657				
2094.23	0.029	194.6	0.0666				
2094.27	0.029	194.7	0.0657				
2094.30	0.027	194.7	0.0657				
2094.33	0.027	194.7	0.0639				
2094.37	0.027	194.8	0.063				
2094.40	0.026	194.7	0.0621				
2094.43	0.023	194.7	0.0595				
2094.47	0.023	194.7	0.0586				
2094.50	0.022	194.6	0.0568				
2094.55	0.019	194.5	0.0541				
2094.58	0.019	194.4	0.0524				
2094.60	0.017	194.3	0.0497				
2094.63	0.014	194.1	0.0497				
2094.67	0.013	194.1	0.0462				
2094.70	0.013	194	0.0435				
2094.73	0.012	193.8	0.0399				
2094.77	0.007	193.6	0.0364				
2094.80	0.007	193.4	0.0337				
2094.83	0.005	193.2	0.0293				
2094.87	0.001	192.9	0.0293				
2094.90	0.001	192.9	0.024				
2094.93	0.001	192.7	0.0213				
2094.97	-0.001	192.4	0.0178				
2095.00	-0.005	192.1	0.0133				
2095.03	-0.005	191.9	0.0107				
2095.07	-0.007	191.6	0.0071				
2095.10	-0.01	191.3	0.0071				
2095.13	-0.011	191.1	0.0036				
2095.17	-0.011	191.1	0.0009				
2095.20	-0.012	190.9	-0.0018				
2095.23	-0.013	190.6	-0.0044				
2095.27	-0.014	190.4	-0.0062				
2095.30	-0.015	190.2	-0.0071				
2095.33	-0.016	190	-0.0071				
2095.37	-0.017	189.8	-0.0098				
2095.40	-0.017	189.8	-0.0107				
2095.43	-0.017	189.7	-0.0107				
2095.47	-0.017	189.5	-0.0115				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2095.50	-0.017	189.4	-0.0124				
2095.53	-0.017	189.3	-0.0115				
2095.57	-0.017	189.2	-0.0115				
2095.60	-0.016	189.2	-0.0115				
2095.63	-0.016	189.2	-0.0115				
2095.67	-0.015	189.1	-0.0098				
2095.70	-0.015	189.1	-0.0089				
2095.73	-0.013	189.1	-0.008				
2095.77	-0.013	189.1	-0.0062				
2095.80	-0.011	189.2	-0.0044				
2095.83	-0.009	189.3	-0.0044				
2095.87	-0.008	189.3	-0.0027				
2095.90	-0.008	189.4	0				
2095.93	-0.006	189.6	0.0036				
2095.98	-0.003	189.7	0.0062				
2096.02	-0.003	189.8	0.008				
2096.05	-0.002	190	0.0107				
2096.07	0.001	190.2	0.0142				
2096.10	0.003	190.4	0.0178				
2096.13	0.004	190.6	0.0222				
2096.17	0.008	190.8	0.0222				
2096.20	0.009	190.8	0.0257				
2096.23	0.009	191	0.0302				
2096.27	0.011	191.3	0.0337				
2096.30	0.014	191.6	0.0382				
2096.33	0.015	191.8	0.0408				
2096.37	0.016	192	0.0444				
2096.40	0.02	192.3	0.0444				
2096.43	0.02	192.3	0.0479				
2096.47	0.02	192.5	0.0506				
2096.50	0.022	192.8	0.0541				
2096.53	0.024	193	0.0568				
2096.57	0.025	193.2	0.0586				
2096.60	0.026	193.5	0.0604				
2096.63	0.027	193.7	0.0604				
2096.67	0.028	193.7	0.0621				
2096.70	0.028	193.8	0.0639				
2096.73	0.028	194	0.0639				
2096.77	0.029	194.2	0.0657				
2096.80	0.029	194.3	0.0657				
2096.83	0.029	194.4	0.0657				
2096.87	0.029	194.5	0.0657				
2096.90	0.029	194.5	0.0657				
2096.93	0.029	194.6	0.0657				
2096.97	0.028	194.7	0.0657				
2097.00	0.027	194.7	0.0639				
2097.03	0.026	194.7	0.063				
2097.07	0.025	194.7	0.0612				
2097.10	0.024	194.7	0.0612				
2097.13	0.022	194.6	0.0604				
2097.17	0.022	194.6	0.0577				
2097.20	0.021	194.6	0.0559				
2097.23	0.019	194.4	0.0533				
2097.27	0.017	194.3	0.0506				
2097.30	0.016	194.2	0.047				
2097.33	0.013	194	0.047				
2097.37	0.011	193.8	0.0444				
2097.40	0.011	193.8	0.0408				
2097.45	0.007	193.5	0.0355				
2097.48	0.006	193.3	0.0355				
2097.50	0.004	193.3	0.0328				
2097.53	0.004	193.1	0.0293				
2097.57	0.002	192.8	0.024				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2097.60	-0.001	192.5	0.0204				
2097.63	-0.002	192.3	0.0169				
2097.67	-0.004	192	0.0124				
2097.70	-0.007	191.7	0.0124				
2097.73	-0.008	191.7	0.0089				
2097.77	-0.008	191.5	0.0062				
2097.80	-0.009	191.2	0.0027				
2097.83	-0.011	191	0				
2097.87	-0.012	190.8	-0.0018				
2097.90	-0.013	190.5	-0.0044				
2097.93	-0.015	190.3	-0.0044				
2097.97	-0.015	190.3	-0.0071				
2098.00	-0.015	190.1	-0.008				
2098.03	-0.016	189.9	-0.0089				
2098.07	-0.017	189.7	-0.0107				
2098.10	-0.017	189.6	-0.0107				
2098.13	-0.017	189.4	-0.0115				
2098.17	-0.017	189.3	-0.0115				
2098.20	-0.017	189.3	-0.0115				
2098.23	-0.017	189.2	-0.0115				
2098.27	-0.017	189.2	-0.0115				
2098.30	-0.016	189.1	-0.0107				
2098.33	-0.015	189.1	-0.0098				
2098.37	-0.014	189.1	-0.008				
2098.40	-0.013	189.1	-0.008				
2098.43	-0.012	189.1	-0.0071				
2098.47	-0.012	189.1	-0.0053				
2098.50	-0.011	189.3	-0.0027				
2098.53	-0.008	189.4	-0.0009				
2098.57	-0.007	189.4	0.0009				
2098.60	-0.006	189.6	0.0044				
2098.63	-0.002	189.8	0.0044				
2098.67	-0.002	189.8	0.008				
2098.70	-0.002	189.9	0.0107				
2098.73	0	190.1	0.0142				
2098.77	0.004	190.4	0.0186				
2098.80	0.004	190.5	0.0213				
2098.83	0.006	190.8	0.0257				
2098.87	0.01	191.1	0.0257				
2098.92	0.011	191.2	0.0328				
2098.95	0.012	191.4	0.0355				
2098.97	0.015	191.7	0.0355				
2099.00	0.016	191.7	0.0391				
2099.03	0.016	191.9	0.0426				
2099.07	0.017	192.2	0.0462				
2099.10	0.02	192.4	0.0497				
2099.13	0.021	192.7	0.0515				
2099.17	0.022	192.9	0.055				
2099.20	0.025	193.2	0.055				
2099.23	0.025	193.2	0.0577				
2099.27	0.025	193.4	0.0595				
2099.30	0.026	193.6	0.0612				
2099.33	0.027	193.8	0.063				
2099.37	0.028	193.9	0.0639				
2099.40	0.028	194.1	0.0648				
2099.43	0.029	194.2	0.0648				
2099.47	0.029	194.4	0.0657				
2099.50	0.029	194.4	0.0657				
2099.53	0.029	194.5	0.0666				
2099.57	0.029	194.6	0.0666				
2099.60	0.028	194.7	0.0666				
2099.63	0.028	194.7	0.0657				
2099.67	0.026	194.7	0.0657				

tempo	cella di carico	Δu	LVDI	tempo	cella di carico	Δu	LVDI
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2099.70	0.025	194.7	0.0639				
2099.73	0.025	194.7	0.0621				
2099.77	0.025	194.7	0.0612				
2099.80	0.023	194.7	0.0595				
2099.83	0.021	194.6	0.0577				
2099.87	0.02	194.5	0.0541				
2099.90	0.018	194.4	0.0541				
2099.93	0.016	194.2	0.0515				
2099.97	0.016	194.2	0.0488				
2100.00	0.015	194.1	0.0462				
2100.03	0.012	193.9	0.0426				
2100.07	0.01	193.8	0.0399				
2100.10	0.009	193.6	0.0355				
2100.13	0.005	193.3	0.0355				
2100.17	0.004	193.1	0.032				
2100.20	0.004	193.1	0.0284				
2100.23	0.003	192.9	0.024				
2100.27	0	192.6	0.0204				
2100.30	-0.002	192.3	0.0169				
2100.35	-0.004	192.1	0.0124				
2100.38	-0.005	191.8	0.0107				
2100.42	-0.007	191.6	0.008				
2100.43	-0.008	191.4	0.0044				
2100.47	-0.01	191	0.0009				
2100.50	-0.012	190.8	0.0009				
2100.53	-0.012	190.8	-0.0018				
2100.57	-0.013	190.6	-0.0036				
2100.60	-0.014	190.4	-0.0053				
2100.63	-0.015	190.2	-0.008				
2100.67	-0.016	190	-0.0089				
2100.70	-0.016	189.8	-0.0107				
2100.73	-0.017	189.6	-0.0107				
2100.77	-0.017	189.6	-0.0115				
2100.80	-0.017	189.5	-0.0115				
2100.83	-0.017	189.4	-0.0115				
2100.87	-0.017	189.3	-0.0115				
2100.90	-0.017	189.2	-0.0115				
2100.93	-0.016	189.1	-0.0107				
2100.97	-0.015	189.1	-0.0107				
2101.00	-0.015	189.1	-0.0107				
2101.03	-0.015	189.1	-0.0098				
2101.07	-0.014	189.1	-0.008				
2101.10	-0.012	189.2	-0.0062				
2101.13	-0.011	189.2	-0.0044				
2101.17	-0.01	189.3	-0.0027				
2101.20	-0.007	189.4	-0.0027				
2101.23	-0.006	189.4	0				
2101.27	-0.006	189.5	0.0027				
2101.30	-0.005	189.6	0.0062				
2101.33	-0.002	189.8	0.0089				
2101.37	-0.001	190	0.0124				
2101.40	0.001	190.2	0.016				
2101.43	0.004	190.4	0.016				
2101.47	0.006	190.4	0.0195				
2101.50	0.006	190.6	0.0231				
2101.53	0.007	190.8	0.0275				
2101.57	0.011	191.2	0.032				
2101.60	0.012	191.3	0.0346				
2101.63	0.013	191.5	0.0382				
2101.67	0.016	191.9	0.0382				
2101.70	0.018	192.1	0.0426				
2101.73	0.018	192.1	0.0453				
2101.77	0.019	192.3	0.0488				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2101.82	0.022	192.8	0.0524				
2101.85	0.022	192.8	0.0533				
2101.87	0.023	193	0.0559				
2101.90	0.025	193.3	0.0586				
2101.93	0.026	193.5	0.0604				
2101.97	0.026	193.7	0.0621				
2102.00	0.028	193.9	0.0621				
2102.03	0.028	194	0.0639				
2102.07	0.028	194	0.0648				
2102.10	0.028	194.2	0.0657				
2102.13	0.029	194.3	0.0657				
2102.17	0.029	194.4	0.0666				
2102.20	0.029	194.5	0.0666				
2102.23	0.029	194.6	0.0666				
2102.27	0.028	194.7	0.0666				
2102.30	0.027	194.7	0.0657				
2102.33	0.027	194.7	0.0648				
2102.37	0.026	194.7	0.063				
2102.40	0.025	194.7	0.0621				
2102.43	0.024	194.7	0.0604				
2102.47	0.023	194.7	0.0586				
2102.50	0.021	194.6	0.0586				
2102.53	0.02	194.6	0.0559				
2102.57	0.02	194.5	0.0541				
2102.60	0.018	194.3	0.0506				
2102.63	0.015	194.2	0.0479				
2102.67	0.014	194.1	0.0453				
2102.70	0.012	193.9	0.0417				
2102.73	0.009	193.7	0.0417				
2102.77	0.008	193.7	0.0382				
2102.80	0.008	193.5	0.0346				
2102.83	0.006	193.2	0.0311				
2102.87	0.002	193	0.0275				
2102.90	0.001	192.8	0.0231				
2102.93	0	192.5	0.0195				
2102.97	-0.004	192.2	0.0195				
2103.00	-0.005	192.2	0.0151				
2103.03	-0.005	192	0.0124				
2103.07	-0.006	191.8	0.0089				
2103.10	-0.009	191.4	0.0053				
2103.13	-0.01	191.2	0.0027				
2103.17	-0.011	191	0				
2103.20	-0.013	190.7	0				
2103.25	-0.014	190.5	-0.0044				
2103.28	-0.014	190.3	-0.0053				
2103.32	-0.015	190.1	-0.0053				
2103.33	-0.016	189.9	-0.008				
2103.37	-0.016	189.9	-0.0089				
2103.40	-0.016	189.7	-0.0098				
2103.43	-0.017	189.6	-0.0107				
2103.47	-0.017	189.4	-0.0115				
2103.50	-0.017	189.3	-0.0115				
2103.53	-0.017	189.2	-0.0115				
2103.57	-0.017	189.2	-0.0115				
2103.60	-0.017	189.2	-0.0115				
2103.63	-0.016	189.1	-0.0107				
2103.67	-0.016	189.1	-0.0098				
2103.70	-0.014	189.1	-0.008				
2103.73	-0.014	189.1	-0.0071				
2103.77	-0.012	189.2	-0.0053				
2103.80	-0.01	189.2	-0.0053				
2103.83	-0.009	189.2	-0.0036				
2103.87	-0.009	189.3	-0.0009				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2103.90	-0.008	189.4	0.0009				
2103.93	-0.005	189.6	0.0044				
2103.97	-0.004	189.7	0.0062				
2104.00	-0.003	189.9	0.0098				
2104.03	0.001	190.1	0.0098				
2104.07	0.002	190.1	0.0142				
2104.10	0.002	190.2	0.0169				
2104.13	0.003	190.5	0.0204				
2104.17	0.007	190.7	0.0249				
2104.20	0.009	190.9	0.0293				
2104.23	0.01	191.2	0.0328				
2104.27	0.013	191.4	0.0328				
2104.30	0.014	191.4	0.0364				
2104.33	0.014	191.6	0.0399				
2104.37	0.016	192	0.0435				
2104.40	0.019	192.2	0.0479				
2104.43	0.02	192.4	0.0497				
2104.47	0.021	192.7	0.0533				
2104.50	0.024	192.9	0.0533				
2104.53	0.024	192.9	0.0559				
2104.57	0.024	193.1	0.0577				
2104.60	0.025	193.4	0.0604				
2104.63	0.027	193.6	0.0621				
2104.67	0.027	193.8	0.063				
2104.72	0.028	193.9	0.0648				
2104.75	0.028	194.1	0.0657				
2104.77	0.028	194.2	0.0657				
2104.80	0.029	194.4	0.0666				
2104.83	0.029	194.5	0.0666				
2104.87	0.029	194.6	0.0666				
2104.90	0.029	194.6	0.0666				
2104.93	0.028	194.7	0.0666				
2104.97	0.028	194.7	0.0657				
2105.00	0.027	194.7	0.0648				
2105.03	0.026	194.8	0.063				
2105.07	0.024	194.7	0.063				
2105.10	0.023	194.7	0.0612				
2105.13	0.023	194.7	0.0604				
2105.17	0.022	194.6	0.0577				
2105.20	0.02	194.5	0.055				
2105.23	0.018	194.4	0.0533				
2105.27	0.017	194.3	0.0497				
2105.30	0.015	194.1	0.0497				
2105.33	0.012	194	0.047				
2105.37	0.012	194	0.0444				
2105.40	0.011	193.8	0.0408				
2105.43	0.008	193.6	0.0364				
2105.47	0.006	193.4	0.0337				
2105.50	0.005	193.2	0.0302				
2105.53	0.002	192.9	0.0302				
2105.57	0	192.7	0.0249				
2105.60	0	192.7	0.0222				
2105.63	-0.001	192.5	0.0186				
2105.67	-0.004	192.1	0.0133				
2105.70	-0.006	191.9	0.0107				
2105.73	-0.007	191.7	0.0071				
2105.77	-0.009	191.3	0.0036				
2105.80	-0.011	191.1	0.0036				
2105.83	-0.011	191.1	0.0009				
2105.87	-0.012	190.9	-0.0009				
2105.90	-0.013	190.6	-0.0036				
2105.93	-0.015	190.4	-0.0062				
2105.97	-0.015	190.2	-0.0071				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2106.00	-0.016	190	-0.0089				
2106.03	-0.017	189.8	-0.0089				
2106.07	-0.017	189.8	-0.0098				
2106.10	-0.017	189.6	-0.0107				
2106.13	-0.017	189.5	-0.0115				
2106.18	-0.017	189.4	-0.0115				
2106.22	-0.017	189.2	-0.0115				
2106.23	-0.017	189.2	-0.0115				
2106.27	-0.016	189.1	-0.0115				
2106.30	-0.016	189.1	-0.0107				
2106.33	-0.015	189.1	-0.0089				
2106.37	-0.014	189.1	-0.0089				
2106.40	-0.013	189.1	-0.008				
2106.43	-0.013	189.1	-0.0071				
2106.47	-0.012	189.2	-0.0044				
2106.50	-0.01	189.2	-0.0027				
2106.53	-0.009	189.3	0				
2106.57	-0.007	189.5	0.0018				
2106.60	-0.004	189.6	0.0018				
2106.63	-0.003	189.6	0.0053				
2106.67	-0.003	189.7	0.008				
2106.70	-0.001	189.9	0.0115				
2106.73	0.002	190.1	0.0151				
2106.77	0.003	190.3	0.0178				
2106.80	0.004	190.6	0.0213				
2106.83	0.008	190.8	0.0213				
2106.87	0.009	190.8	0.0275				
2106.90	0.009	191	0.0302				
2106.93	0.011	191.3	0.0337				
2106.97	0.014	191.5	0.0382				
2107.00	0.015	191.7	0.0408				
2107.03	0.016	192	0.0444				
2107.07	0.02	192.3	0.0444				
2107.10	0.02	192.3	0.0479				
2107.13	0.02	192.5	0.0506				
2107.17	0.022	192.8	0.0541				
2107.20	0.024	193	0.0568				
2107.23	0.025	193.2	0.0586				
2107.27	0.026	193.4	0.0612				
2107.30	0.027	193.6	0.0612				
2107.33	0.027	193.6	0.0621				
2107.37	0.027	193.8	0.063				
2107.40	0.028	194	0.0648				
2107.43	0.029	194.1	0.0657				
2107.47	0.029	194.3	0.0657				
2107.50	0.029	194.4	0.0666				
2107.53	0.029	194.5	0.0666				
2107.57	0.029	194.5	0.0666				
2107.62	0.028	194.7	0.0657				
2107.65	0.028	194.7	0.0657				
2107.67	0.026	194.7	0.0648				
2107.70	0.026	194.7	0.0639				
2107.73	0.026	194.7	0.0621				
2107.77	0.024	194.7	0.0604				
2107.80	0.023	194.7	0.0595				
2107.83	0.022	194.6	0.0568				
2107.87	0.02	194.4	0.0568				
2107.90	0.017	194.4	0.0541				
2107.93	0.017	194.4	0.0524				
2107.97	0.017	194.3	0.0488				
2108.00	0.014	194	0.0462				
2108.03	0.011	193.9	0.0426				
2108.07	0.011	193.8	0.0391				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2108.10	0.008	193.5	0.0391				
2108.13	0.005	193.3	0.0355				
2108.17	0.005	193.3	0.032				
2108.20	0.004	193.1	0.0284				
2108.23	0.002	192.8	0.024				
2108.27	-0.001	192.5	0.0195				
2108.30	-0.002	192.3	0.0169				
2108.33	-0.004	192	0.0124				
2108.37	-0.006	191.7	0.0124				
2108.40	-0.006	191.7	0.0089				
2108.43	-0.007	191.5	0.0062				
2108.47	-0.009	191.2	0.0027				
2108.50	-0.012	190.9	0				
2108.53	-0.012	190.7	-0.0027				
2108.57	-0.013	190.4	-0.0044				
2108.60	-0.015	190.2	-0.0044				
2108.63	-0.016	190.2	-0.0071				
2108.67	-0.016	190	-0.008				
2108.70	-0.016	189.9	-0.0089				
2108.73	-0.017	189.7	-0.0098				
2108.77	-0.017	189.5	-0.0107				
2108.80	-0.017	189.4	-0.0115				
2108.83	-0.017	189.3	-0.0115				
2108.87	-0.017	189.3	-0.0115				
2108.90	-0.017	189.2	-0.0115				
2108.93	-0.017	189.1	-0.0107				
2108.97	-0.016	189.1	-0.0098				
2109.00	-0.015	189.1	-0.0098				
2109.03	-0.015	189.1	-0.008				
2109.08	-0.013	189.1	-0.0062				
2109.12	-0.012	189.1	-0.0062				
2109.13	-0.011	189.1	-0.0036				
2109.17	-0.009	189.3	-0.0036				
2109.20	-0.008	189.3	-0.0018				
2109.23	-0.008	189.3	0.0009				
2109.27	-0.007	189.5	0.0036				
2109.30	-0.003	189.7	0.0071				
2109.33	-0.002	189.8	0.0089				
2109.37	-0.001	189.9	0.0124				
2109.40	0.002	190.2	0.0124				
2109.43	0.004	190.4	0.0169				
2109.47	0.004	190.4	0.0195				
2109.50	0.005	190.6	0.024				
2109.53	0.009	190.9	0.0284				
2109.57	0.01	191.1	0.032				
2109.60	0.012	191.3	0.0355				
2109.63	0.015	191.6	0.0355				
2109.67	0.016	191.8	0.0399				
2109.70	0.016	191.8	0.0426				
2109.73	0.017	192.1	0.0462				
2109.77	0.02	192.4	0.0497				
2109.80	0.022	192.6	0.0524				
2109.83	0.022	192.8	0.055				
2109.87	0.024	193.1	0.055				
2109.90	0.026	193.3	0.0577				
2109.93	0.026	193.3	0.0595				
2109.97	0.026	193.5	0.0612				
2110.00	0.027	193.7	0.063				
2110.03	0.028	193.9	0.0639				
2110.07	0.028	194	0.0648				
2110.10	0.028	194.2	0.0657				
2110.13	0.029	194.3	0.0657				
2110.17	0.029	194.3	0.0666				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2110.20	0.029	194.4	0.0666				
2110.23	0.029	194.5	0.0666				
2110.27	0.028	194.6	0.0666				
2110.30	0.028	194.6	0.0648				
2110.33	0.026	194.6	0.0639				
2110.37	0.025	194.7	0.0639				
2110.40	0.025	194.7	0.063				
2110.43	0.025	194.7	0.0612				
2110.47	0.023	194.6	0.0586				
2110.52	0.021	194.5	0.0577				
2110.55	0.021	194.5	0.0559				
2110.58	0.02	194.4	0.0533				
2110.60	0.016	194.2	0.0506				
2110.63	0.015	194.2	0.0479				
2110.67	0.014	194	0.0444				
2110.70	0.011	193.8	0.0444				
2110.73	0.01	193.8	0.0408				
2110.77	0.01	193.6	0.0391				
2110.80	0.008	193.3	0.0346				
2110.83	0.004	193.1	0.0302				
2110.87	0.003	193	0.0257				
2110.90	0.001	192.7	0.0222				
2110.93	-0.002	192.4	0.0222				
2110.97	-0.002	192.4	0.0186				
2111.00	-0.002	192.2	0.0151				
2111.03	-0.004	191.8	0.0115				
2111.07	-0.007	191.5	0.0071				
2111.10	-0.009	191.4	0.0044				
2111.13	-0.01	191.1	0.0018				
2111.17	-0.012	190.8	0.0018				
2111.20	-0.013	190.8	-0.0009				
2111.23	-0.013	190.6	-0.0027				
2111.27	-0.014	190.3	-0.0053				
2111.30	-0.015	190.1	-0.0071				
2111.33	-0.016	189.9	-0.0089				
2111.37	-0.016	189.8	-0.0098				
2111.40	-0.017	189.6	-0.0098				
2111.43	-0.017	189.6	-0.0107				
2111.47	-0.017	189.5	-0.0115				
2111.50	-0.017	189.4	-0.0115				
2111.53	-0.017	189.3	-0.0115				
2111.57	-0.017	189.2	-0.0115				
2111.60	-0.016	189.1	-0.0107				
2111.63	-0.016	189.1	-0.0107				
2111.67	-0.015	189.1	-0.0098				
2111.70	-0.015	189.1	-0.0089				
2111.73	-0.014	189	-0.008				
2111.77	-0.012	189.1	-0.0062				
2111.80	-0.012	189.1	-0.0044				
2111.83	-0.01	189.2	-0.0018				
2111.87	-0.008	189.4	-0.0018				
2111.90	-0.006	189.5	0.0009				
2111.93	-0.006	189.5	0.0036				
2111.98	-0.003	189.7	0.0062				
2112.02	-0.002	189.9	0.008				
2112.03	-0.002	189.9	0.0107				
2112.07	0	190	0.0142				
2112.10	0.003	190.3	0.0186				
2112.13	0.005	190.5	0.0213				
2112.17	0.006	190.7	0.0257				
2112.20	0.009	191	0.0257				
2112.23	0.011	191.2	0.0302				
2112.27	0.011	191.2	0.0337				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2112.30	0.012	191.4	0.0373				
2112.33	0.015	191.7	0.0417				
2112.37	0.017	192	0.0444				
2112.40	0.018	192.2	0.0479				
2112.43	0.02	192.5	0.0479				
2112.47	0.022	192.7	0.0515				
2112.50	0.022	192.7	0.0533				
2112.53	0.023	192.9	0.0559				
2112.57	0.024	193.2	0.0595				
2112.60	0.026	193.4	0.0612				
2112.63	0.026	193.6	0.063				
2112.67	0.027	193.8	0.0639				
2112.70	0.028	194	0.0639				
2112.73	0.028	194	0.0648				
2112.77	0.028	194.1	0.0657				
2112.80	0.028	194.2	0.0666				
2112.83	0.029	194.4	0.0666				
2112.87	0.029	194.5	0.0666				
2112.90	0.029	194.6	0.0666				
2112.93	0.028	194.6	0.0666				
2112.97	0.027	194.6	0.0666				
2113.00	0.027	194.7	0.0648				
2113.03	0.026	194.7	0.0639				
2113.07	0.025	194.7	0.0621				
2113.10	0.024	194.6	0.0612				
2113.13	0.023	194.6	0.0595				
2113.17	0.02	194.5	0.0595				
2113.20	0.02	194.5	0.0568				
2113.23	0.02	194.5	0.0541				
2113.27	0.018	194.3	0.0515				
2113.30	0.015	194.1	0.0479				
2113.33	0.014	194	0.0462				
2113.37	0.012	193.8	0.0426				
2113.42	0.009	193.6	0.0382				
2113.45	0.009	193.5	0.0364				
2113.48	0.007	193.3	0.0328				
2113.50	0.003	193	0.0328				
2113.53	0.002	193	0.0284				
2113.57	0.002	192.8	0.0257				
2113.60	0.001	192.5	0.0213				
2113.63	-0.003	192.2	0.0169				
2113.67	-0.004	192.1	0.0142				
2113.70	-0.005	191.8	0.0098				
2113.73	-0.008	191.5	0.0098				
2113.77	-0.009	191.5	0.0062				
2113.80	-0.009	191.2	0.0044				
2113.83	-0.01	191	0.0018				
2113.87	-0.013	190.7	-0.0018				
2113.90	-0.013	190.5	-0.0036				
2113.93	-0.014	190.3	-0.0062				
2113.97	-0.016	190	-0.0062				
2114.00	-0.016	189.9	-0.008				
2114.03	-0.016	189.9	-0.0089				
2114.07	-0.016	189.7	-0.0098				
2114.10	-0.017	189.5	-0.0107				
2114.13	-0.017	189.4	-0.0115				
2114.17	-0.017	189.3	-0.0115				
2114.20	-0.017	189.2	-0.0115				
2114.23	-0.017	189.1	-0.0115				
2114.27	-0.017	189.1	-0.0115				
2114.30	-0.016	189	-0.0107				
2114.33	-0.015	189.1	-0.0089				
2114.37	-0.014	189	-0.008				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2114.40	-0.014	189	-0.0071				
2114.43	-0.012	189.1	-0.0044				
2114.47	-0.01	189.2	-0.0044				
2114.50	-0.01	189.2	-0.0036				
2114.53	-0.01	189.2	-0.0018				
2114.57	-0.008	189.4	0.0018				
2114.60	-0.005	189.5	0.0044				
2114.63	-0.004	189.6	0.0071				
2114.67	-0.002	189.8	0.0107				
2114.70	0.001	190	0.0107				
2114.73	0.002	190	0.0142				
2114.77	0.002	190.2	0.0169				
2114.80	0.004	190.4	0.0213				
2114.83	0.007	190.7	0.0249				
2114.88	0.008	190.9	0.0293				
2114.92	0.009	191	0.0311				
2114.93	0.012	191.3	0.0346				
2114.97	0.013	191.5	0.0382				
2115.00	0.015	191.8	0.0426				
2115.03	0.018	192.1	0.0426				
2115.07	0.019	192.1	0.0462				
2115.10	0.019	192.3	0.0488				
2115.13	0.02	192.5	0.0515				
2115.17	0.023	192.8	0.055				
2115.20	0.024	193	0.0568				
2115.23	0.024	193.2	0.0595				
2115.27	0.027	193.5	0.0595				
2115.30	0.027	193.5	0.0612				
2115.33	0.027	193.6	0.063				
2115.37	0.027	193.8	0.0639				
2115.40	0.028	194	0.0657				
2115.43	0.029	194.1	0.0657				
2115.47	0.029	194.3	0.0666				
2115.50	0.029	194.4	0.0666				
2115.53	0.028	194.5	0.0666				
2115.57	0.028	194.5	0.0666				
2115.60	0.028	194.6	0.0666				
2115.63	0.028	194.6	0.0657				
2115.67	0.027	194.7	0.0648				
2115.70	0.026	194.7	0.063				
2115.73	0.025	194.7	0.063				
2115.77	0.023	194.6	0.0621				
2115.80	0.023	194.6	0.0604				
2115.83	0.022	194.6	0.0586				
2115.87	0.021	194.5	0.0559				
2115.90	0.018	194.4	0.0533				
2115.93	0.017	194.3	0.0497				
2115.97	0.015	194	0.0497				
2116.00	0.012	193.9	0.047				
2116.03	0.012	193.9	0.0444				
2116.07	0.011	193.8	0.0408				
2116.10	0.009	193.5	0.0373				
2116.13	0.006	193.3	0.0337				
2116.17	0.005	193.1	0.0302				
2116.20	0.002	192.8	0.0302				
2116.23	0	192.6	0.0257				
2116.27	0	192.6	0.0213				
2116.30	-0.001	192.4	0.0178				
2116.35	-0.005	191.9	0.0142				
2116.38	-0.005	191.9	0.0124				
2116.40	-0.006	191.7	0.0089				
2116.43	-0.008	191.3	0.0053				
2116.47	-0.01	191.1	0.0027				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2116.50	-0.011	190.9	0				
2116.53	-0.012	190.6	-0.0027				
2116.57	-0.014	190.4	-0.0027				
2116.60	-0.014	190.4	-0.0053				
2116.63	-0.015	190.2	-0.0062				
2116.67	-0.015	189.9	-0.008				
2116.70	-0.017	189.7	-0.0098				
2116.73	-0.017	189.6	-0.0107				
2116.77	-0.017	189.5	-0.0107				
2116.80	-0.017	189.3	-0.0107				
2116.83	-0.017	189.3	-0.0115				
2116.87	-0.017	189.2	-0.0115				
2116.90	-0.017	189.1	-0.0115				
2116.93	-0.017	189	-0.0107				
2116.97	-0.016	189	-0.0098				
2117.00	-0.015	189	-0.0089				
2117.03	-0.014	189	-0.0089				
2117.07	-0.013	189	-0.008				
2117.10	-0.013	189	-0.0062				
2117.13	-0.012	189.1	-0.0044				
2117.17	-0.01	189.2	-0.0027				
2117.20	-0.009	189.2	0				
2117.23	-0.007	189.4	0.0027				
2117.27	-0.004	189.5	0.0027				
2117.30	-0.003	189.5	0.0053				
2117.33	-0.003	189.6	0.008				
2117.37	-0.002	189.9	0.0115				
2117.40	0.002	190.1	0.016				
2117.43	0.003	190.2	0.0186				
2117.47	0.005	190.5	0.0222				
2117.50	0.008	190.7	0.0222				
2117.53	0.009	190.7	0.0275				
2117.57	0.009	190.9	0.0311				
2117.60	0.011	191.2	0.0346				
2117.63	0.014	191.5	0.0382				
2117.67	0.015	191.7	0.0417				
2117.70	0.017	192	0.0453				
2117.73	0.02	192.2	0.0453				
2117.78	0.021	192.4	0.0506				
2117.82	0.021	192.6	0.0533				
2117.85	0.023	192.9	0.0533				
2117.87	0.024	192.9	0.0559				
2117.90	0.024	193.1	0.0577				
2117.93	0.025	193.3	0.0604				
2117.97	0.027	193.5	0.063				
2118.00	0.027	193.7	0.0639				
2118.03	0.028	193.9	0.0657				
2118.07	0.028	194	0.0657				
2118.10	0.029	194.2	0.0657				
2118.13	0.029	194.2	0.0666				
2118.17	0.029	194.3	0.0666				
2118.20	0.029	194.4	0.0666				
2118.23	0.029	194.5	0.0666				
2118.27	0.028	194.6	0.0666				
2118.30	0.028	194.6	0.0666				
2118.33	0.026	194.6	0.0657				
2118.37	0.026	194.6	0.0648				
2118.40	0.025	194.7	0.063				
2118.43	0.024	194.6	0.0612				
2118.47	0.023	194.6	0.0595				
2118.50	0.022	194.5	0.0568				
2118.53	0.02	194.4	0.055				
2118.57	0.017	194.3	0.055				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2118.60	0.017	194.3	0.0524				
2118.63	0.016	194.2	0.0497				
2118.67	0.014	194	0.0462				
2118.70	0.011	193.8	0.0435				
2118.73	0.01	193.7	0.0399				
2118.77	0.008	193.4	0.0364				
2118.80	0.005	193.2	0.0364				
2118.83	0.005	193.2	0.0328				
2118.87	0.004	193	0.0293				
2118.90	0.002	192.7	0.024				
2118.93	-0.001	192.5	0.0204				
2118.97	-0.002	192.3	0.0169				
2119.00	-0.004	191.9	0.0133				
2119.03	-0.007	191.6	0.0133				
2119.07	-0.008	191.6	0.0098				
2119.10	-0.008	191.4	0.0071				
2119.13	-0.009	191.2	0.0036				
2119.17	-0.011	190.9	0.0009				
2119.20	-0.012	190.7	-0.0018				
2119.25	-0.013	190.4	-0.0044				
2119.28	-0.015	190.2	-0.0053				
2119.30	-0.015	190	-0.0062				
2119.33	-0.016	189.8	-0.008				
2119.37	-0.017	189.7	-0.008				
2119.40	-0.017	189.7	-0.0089				
2119.43	-0.017	189.5	-0.0098				
2119.47	-0.017	189.4	-0.0107				
2119.50	-0.017	189.2	-0.0107				
2119.53	-0.017	189.1	-0.0107				
2119.57	-0.017	189.1	-0.0107				
2119.60	-0.016	189	-0.0107				
2119.63	-0.016	189	-0.0098				
2119.67	-0.016	189	-0.0089				
2119.70	-0.015	189	-0.008				
2119.73	-0.013	189	-0.0071				
2119.77	-0.012	189	-0.0053				
2119.80	-0.012	189	-0.0036				
2119.83	-0.009	189.2	-0.0036				
2119.87	-0.008	189.2	-0.0009				
2119.90	-0.008	189.3	0.0009				
2119.93	-0.007	189.4	0.0036				
2119.97	-0.004	189.6	0.0071				
2120.00	-0.002	189.7	0.0098				
2120.03	-0.001	189.9	0.0133				
2120.07	0.003	190.1	0.0133				
2120.10	0.004	190.1	0.0178				
2120.13	0.004	190.3	0.0204				
2120.17	0.005	190.5	0.024				
2120.20	0.009	190.8	0.0293				
2120.23	0.01	191	0.0328				
2120.27	0.012	191.2	0.0373				
2120.30	0.015	191.5	0.0373				
2120.33	0.016	191.8	0.0408				
2120.37	0.016	191.8	0.0435				
2120.40	0.017	192	0.047				
2120.43	0.02	192.3	0.0506				
2120.47	0.021	192.5	0.0533				
2120.50	0.022	192.7	0.0559				
2120.53	0.024	193	0.0559				
2120.57	0.025	193.2	0.0586				
2120.60	0.025	193.2	0.0604				
2120.63	0.026	193.4	0.0621				
2120.68	0.028	193.8	0.0639				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2120.72	0.028	193.8	0.0648				
2120.75	0.028	194	0.0657				
2120.77	0.029	194.1	0.0666				
2120.80	0.029	194.2	0.0675				
2120.83	0.029	194.3	0.0675				
2120.87	0.029	194.5	0.0675				
2120.90	0.029	194.6	0.0675				
2120.93	0.029	194.6	0.0675				
2120.97	0.028	194.6	0.0666				
2121.00	0.027	194.6	0.0657				
2121.03	0.026	194.7	0.0648				
2121.07	0.025	194.7	0.063				
2121.10	0.024	194.6	0.0612				
2121.13	0.022	194.5	0.0612				
2121.17	0.021	194.5	0.0586				
2121.20	0.021	194.5	0.0568				
2121.23	0.02	194.3	0.0541				
2121.27	0.016	194.2	0.0515				
2121.30	0.015	194.1	0.0488				
2121.33	0.014	193.9	0.0462				
2121.37	0.01	193.7	0.0462				
2121.40	0.01	193.7	0.0417				
2121.43	0.01	193.6	0.0399				
2121.47	0.008	193.3	0.0355				
2121.50	0.004	193.1	0.032				
2121.53	0.003	192.9	0.0284				
2121.57	0.002	192.6	0.024				
2121.60	-0.002	192.3	0.024				
2121.63	-0.003	192.3	0.0195				
2121.67	-0.003	192.1	0.0169				
2121.70	-0.004	191.8	0.0133				
2121.73	-0.007	191.6	0.0098				
2121.77	-0.008	191.3	0.0062				
2121.80	-0.01	191	0.0036				
2121.83	-0.012	190.8	0.0036				
2121.87	-0.012	190.8	0.0009				
2121.90	-0.012	190.6	-0.0009				
2121.93	-0.014	190.3	-0.0036				
2121.97	-0.015	190.1	-0.0053				
2122.00	-0.016	189.9	-0.0071				
2122.03	-0.016	189.7	-0.008				
2122.07	-0.017	189.5	-0.008				
2122.10	-0.017	189.5	-0.0098				
2122.15	-0.017	189.3	-0.0107				
2122.18	-0.017	189.2	-0.0107				
2122.20	-0.017	189.2	-0.0098				
2122.23	-0.017	189.1	-0.0098				
2122.27	-0.017	189	-0.0098				
2122.30	-0.016	189	-0.0089				
2122.33	-0.015	188.9	-0.008				
2122.37	-0.014	188.9	-0.0062				
2122.40	-0.013	189	-0.0062				
2122.43	-0.012	189	-0.0053				
2122.47	-0.012	189	-0.0036				
2122.50	-0.011	189.1	-0.0018				
2122.53	-0.008	189.2	0.0009				
2122.57	-0.007	189.3	0.0036				
2122.60	-0.006	189.5	0.0071				
2122.63	-0.002	189.6	0.0071				
2122.67	-0.002	189.6	0.0098				
2122.70	-0.002	189.8	0.0124				
2122.73	0	190	0.016				
2122.77	0.004	190.2	0.0204				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2122.80	0.004	190.4	0.0231				
2122.83	0.006	190.7	0.0275				
2122.87	0.01	190.9	0.0275				
2122.90	0.011	190.9	0.0328				
2122.93	0.011	191.2	0.0355				
2122.97	0.012	191.4	0.0391				
2123.00	0.016	191.7	0.0426				
2123.03	0.017	191.9	0.0462				
2123.07	0.018	192.1	0.0497				
2123.10	0.021	192.4	0.0497				
2123.13	0.022	192.4	0.0524				
2123.17	0.022	192.6	0.055				
2123.20	0.023	192.9	0.0577				
2123.23	0.025	193.1	0.0612				
2123.27	0.026	193.3	0.0621				
2123.30	0.026	193.5	0.0639				
2123.33	0.028	193.7	0.0639				
2123.37	0.028	193.7	0.0657				
2123.40	0.028	193.9	0.0666				
2123.43	0.028	194	0.0675				
2123.47	0.029	194.2	0.0675				
2123.50	0.029	194.3	0.0683				
2123.53	0.029	194.4	0.0683				
2123.58	0.029	194.5	0.0683				
2123.62	0.028	194.5	0.0683				
2123.65	0.028	194.6	0.0666				
2123.67	0.026	194.6	0.0666				
2123.70	0.026	194.6	0.0657				
2123.73	0.026	194.6	0.0648				
2123.77	0.025	194.6	0.063				
2123.80	0.023	194.5	0.0612				
2123.83	0.021	194.5	0.0595				
2123.87	0.02	194.4	0.0559				
2123.90	0.018	194.3	0.0559				
2123.93	0.016	194.2	0.0533				
2123.97	0.016	194.2	0.0506				
2124.00	0.015	194	0.0479				
2124.03	0.012	193.8	0.0444				
2124.07	0.01	193.6	0.0408				
2124.10	0.009	193.5	0.0373				
2124.13	0.006	193.2	0.0373				
2124.17	0.003	192.9	0.0337				
2124.20	0.003	192.9	0.0302				
2124.23	0.002	192.8	0.0257				
2124.27	0	192.5	0.0213				
2124.30	-0.003	192.2	0.0178				
2124.33	-0.003	192	0.0151				
2124.37	-0.006	191.7	0.0151				
2124.40	-0.008	191.4	0.0107				
2124.43	-0.008	191.4	0.0071				
2124.47	-0.009	191.2	0.0044				
2124.50	-0.011	190.9	0.0018				
2124.53	-0.012	190.6	-0.0009				
2124.57	-0.013	190.4	-0.0036				
2124.60	-0.015	190.2	-0.0062				
2124.63	-0.016	190	-0.0062				
2124.67	-0.016	190	-0.0071				
2124.70	-0.016	189.8	-0.0089				
2124.73	-0.016	189.6	-0.0098				
2124.77	-0.017	189.5	-0.0098				
2124.80	-0.017	189.3	-0.0107				
2124.83	-0.017	189.2	-0.0107				
2124.87	-0.017	189.1	-0.0107				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2124.90	-0.017	189.1	-0.0107				
2124.93	-0.017	189.1	-0.0098				
2124.97	-0.016	189	-0.0098				
2125.00	-0.015	189	-0.0089				
2125.05	-0.015	189	-0.0071				
2125.08	-0.014	189	-0.0062				
2125.10	-0.012	189	-0.0053				
2125.13	-0.012	189	-0.0036				
2125.17	-0.01	189.2	-0.0009				
2125.20	-0.007	189.3	-0.0009				
2125.23	-0.006	189.3	0.0018				
2125.27	-0.006	189.4	0.0044				
2125.30	-0.005	189.5	0.0071				
2125.33	-0.002	189.7	0.0098				
2125.37	-0.001	189.9	0.0133				
2125.40	0.001	190.1	0.0169				
2125.43	0.005	190.3	0.0169				
2125.47	0.005	190.3	0.0204				
2125.50	0.005	190.5	0.024				
2125.53	0.008	190.7	0.0293				
2125.57	0.01	191	0.0328				
2125.60	0.012	191.2	0.0355				
2125.63	0.013	191.5	0.0399				
2125.67	0.017	191.8	0.0399				
2125.70	0.018	191.8	0.0435				
2125.73	0.018	192	0.0462				
2125.77	0.019	192.2	0.0497				
2125.80	0.022	192.5	0.0533				
2125.83	0.022	192.7	0.055				
2125.87	0.023	192.9	0.0577				
2125.90	0.026	193.2	0.0577				
2125.93	0.026	193.2	0.0604				
2125.97	0.026	193.4	0.0621				
2126.00	0.027	193.6	0.0639				
2126.03	0.028	193.8	0.0648				
2126.07	0.028	193.9	0.0657				
2126.10	0.029	194.1	0.0666				
2126.13	0.029	194.2	0.0666				
2126.17	0.029	194.2	0.0666				
2126.20	0.029	194.3	0.0666				
2126.23	0.029	194.4	0.0666				
2126.27	0.028	194.5	0.0666				
2126.30	0.028	194.6	0.0666				
2126.33	0.027	194.6	0.0648				
2126.37	0.026	194.6	0.0648				
2126.40	0.024	194.6	0.063				
2126.43	0.024	194.6	0.0621				
2126.47	0.023	194.6	0.0604				
2126.52	0.021	194.4	0.0577				
2126.55	0.021	194.4	0.0568				
2126.57	0.02	194.4	0.0541				
2126.60	0.017	194.2	0.0515				
2126.63	0.015	194.1	0.0488				
2126.67	0.014	193.9	0.0453				
2126.70	0.012	193.7	0.0417				
2126.73	0.009	193.5	0.0417				
2126.77	0.009	193.5	0.0391				
2126.80	0.008	193.4	0.0355				
2126.83	0.006	193.1	0.032				
2126.87	0.002	192.8	0.0275				
2126.90	0.001	192.7	0.0231				
2126.93	-0.001	192.3	0.0195				
2126.97	-0.004	192.1	0.0195				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2127.00	-0.004	192.1	0.016				
2127.03	-0.004	191.9	0.0124				
2127.07	-0.006	191.5	0.0089				
2127.10	-0.009	191.3	0.0053				
2127.13	-0.01	191	0.0027				
2127.17	-0.011	190.8	0				
2127.20	-0.013	190.5	0				
2127.23	-0.014	190.5	-0.0027				
2127.27	-0.014	190.3	-0.0044				
2127.30	-0.015	190.1	-0.0062				
2127.33	-0.016	189.9	-0.008				
2127.37	-0.016	189.7	-0.0089				
2127.40	-0.016	189.6	-0.0089				
2127.43	-0.017	189.4	-0.0089				
2127.47	-0.017	189.4	-0.0107				
2127.50	-0.017	189.3	-0.0107				
2127.53	-0.017	189.2	-0.0107				
2127.57	-0.017	189.1	-0.0107				
2127.60	-0.017	189	-0.0107				
2127.63	-0.016	189	-0.0098				
2127.67	-0.015	189	-0.0098				
2127.70	-0.014	189	-0.008				
2127.73	-0.014	189	-0.0071				
2127.77	-0.013	189	-0.0053				
2127.80	-0.011	189.1	-0.0036				
2127.83	-0.01	189.1	-0.0018				
2127.87	-0.009	189.3	0.0009				
2127.90	-0.006	189.4	0.0009				
2127.95	-0.005	189.5	0.0053				
2127.98	-0.004	189.6	0.008				
2128.02	-0.001	189.8	0.008				
2128.03	0	189.8	0.0115				
2128.07	0	189.9	0.0142				
2128.10	0.002	190.2	0.0186				
2128.13	0.006	190.4	0.0222				
2128.17	0.006	190.6	0.0257				
2128.20	0.008	190.9	0.0302				
2128.23	0.012	191.2	0.0302				
2128.27	0.013	191.2	0.0346				
2128.30	0.013	191.3	0.0373				
2128.33	0.014	191.6	0.0417				
2128.37	0.018	191.9	0.0453				
2128.40	0.018	192.1	0.0479				
2128.43	0.02	192.3	0.0515				
2128.47	0.023	192.6	0.0515				
2128.50	0.023	192.6	0.055				
2128.53	0.023	192.8	0.0559				
2128.57	0.024	193	0.0595				
2128.60	0.026	193.3	0.0612				
2128.63	0.027	193.5	0.063				
2128.67	0.027	193.6	0.0648				
2128.70	0.028	193.9	0.0648				
2128.73	0.029	194	0.0657				
2128.77	0.029	194	0.0666				
2128.80	0.029	194.1	0.0666				
2128.83	0.029	194.3	0.0675				
2128.87	0.029	194.4	0.0675				
2128.90	0.028	194.5	0.0675				
2128.93	0.028	194.5	0.0675				
2128.97	0.027	194.6	0.0675				
2129.00	0.027	194.6	0.0666				
2129.03	0.027	194.6	0.0648				
2129.07	0.025	194.6	0.063				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2129.10	0.024	194.5	0.0621				
2129.13	0.023	194.5	0.0595				
2129.17	0.021	194.4	0.0577				
2129.20	0.019	194.3	0.0577				
2129.23	0.019	194.3	0.055				
2129.27	0.018	194.3	0.0524				
2129.30	0.016	194	0.0497				
2129.33	0.013	193.9	0.0462				
2129.37	0.012	193.8	0.0435				
2129.42	0.01	193.5	0.0399				
2129.45	0.008	193.4	0.0382				
2129.47	0.007	193.2	0.0355				
2129.50	0.005	193	0.032				
2129.53	0.002	192.7	0.032				
2129.57	0.001	192.7	0.0275				
2129.60	0.001	192.5	0.0231				
2129.63	-0.001	192.2	0.0195				
2129.67	-0.005	191.9	0.0151				
2129.70	-0.005	191.7	0.0124				
2129.73	-0.007	191.4	0.0089				
2129.77	-0.01	191.2	0.0089				
2129.80	-0.01	191.2	0.0053				
2129.83	-0.01	190.9	0.0027				
2129.87	-0.011	190.6	0				
2129.90	-0.014	190.4	-0.0018				
2129.93	-0.014	190.2	-0.0036				
2129.97	-0.015	190	-0.0053				
2130.00	-0.016	189.8	-0.0053				
2130.03	-0.016	189.8	-0.0071				
2130.07	-0.016	189.6	-0.008				
2130.10	-0.017	189.5	-0.0089				
2130.13	-0.017	189.3	-0.0098				
2130.17	-0.017	189.2	-0.0098				
2130.20	-0.017	189.1	-0.0098				
2130.23	-0.017	189	-0.0098				
2130.27	-0.016	189	-0.0098				
2130.30	-0.016	189	-0.0089				
2130.33	-0.016	188.9	-0.008				
2130.37	-0.014	189	-0.0071				
2130.40	-0.014	189	-0.0053				
2130.43	-0.013	189	-0.0036				
2130.47	-0.01	189.1	-0.0036				
2130.50	-0.01	189.1	-0.0018				
2130.53	-0.01	189.1	0				
2130.57	-0.008	189.3	0.0036				
2130.60	-0.006	189.4	0.0062				
2130.63	-0.004	189.6	0.0089				
2130.67	-0.002	189.7	0.0124				
2130.70	0.001	189.9	0.0124				
2130.73	0.002	189.9	0.0151				
2130.77	0.002	190.1	0.0186				
2130.80	0.004	190.3	0.0231				
2130.85	0.007	190.7	0.0275				
2130.88	0.007	190.7	0.0284				
2130.92	0.008	191	0.0328				
2130.93	0.013	191.3	0.0382				
2130.97	0.014	191.5	0.0399				
2131.00	0.015	191.7	0.0435				
2131.03	0.018	192	0.0435				
2131.07	0.019	192.2	0.0479				
2131.10	0.019	192.2	0.0506				
2131.13	0.02	192.4	0.0533				
2131.17	0.023	192.7	0.0568				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2131.20	0.024	192.9	0.0586				
2131.23	0.025	193.1	0.0604				
2131.27	0.026	193.4	0.0604				
2131.30	0.027	193.6	0.063				
2131.33	0.027	193.6	0.0648				
2131.37	0.028	193.8	0.0657				
2131.40	0.028	193.9	0.0666				
2131.43	0.029	194.1	0.0675				
2131.47	0.029	194.2	0.0683				
2131.50	0.029	194.3	0.0683				
2131.53	0.029	194.4	0.0683				
2131.57	0.029	194.4	0.0683				
2131.60	0.028	194.5	0.0683				
2131.63	0.028	194.6	0.0675				
2131.67	0.027	194.6	0.0666				
2131.70	0.026	194.6	0.0648				
2131.73	0.025	194.6	0.0639				
2131.77	0.023	194.5	0.0639				
2131.80	0.022	194.5	0.0612				
2131.83	0.022	194.5	0.0604				
2131.87	0.021	194.4	0.0577				
2131.90	0.018	194.3	0.055				
2131.93	0.017	194.2	0.0524				
2131.97	0.015	194	0.0488				
2132.00	0.012	193.8	0.0488				
2132.03	0.011	193.8	0.0462				
2132.07	0.011	193.7	0.0435				
2132.10	0.01	193.4	0.0399				
2132.13	0.006	193.2	0.0355				
2132.17	0.005	193	0.032				
2132.20	0.003	192.8	0.0284				
2132.23	0	192.5	0.0284				
2132.27	-0.001	192.5	0.0231				
2132.32	-0.003	192.1	0.0178				
2132.35	-0.005	191.8	0.0178				
2132.37	-0.006	191.8	0.0151				
2132.40	-0.006	191.6	0.0115				
2132.43	-0.007	191.3	0.0071				
2132.47	-0.011	191	0.0036				
2132.50	-0.011	190.8	0.0018				
2132.53	-0.012	190.5	-0.0018				
2132.57	-0.014	190.3	-0.0018				
2132.60	-0.015	190.3	-0.0036				
2132.63	-0.015	190.1	-0.0053				
2132.67	-0.015	189.9	-0.0071				
2132.70	-0.016	189.7	-0.0089				
2132.73	-0.017	189.5	-0.0089				
2132.77	-0.017	189.4	-0.0098				
2132.80	-0.017	189.3	-0.0098				
2132.83	-0.017	189.3	-0.0107				
2132.87	-0.017	189.1	-0.0107				
2132.90	-0.017	189.1	-0.0098				
2132.93	-0.017	189	-0.0098				
2132.97	-0.016	188.9	-0.0089				
2133.00	-0.015	188.9	-0.008				
2133.03	-0.014	188.9	-0.008				
2133.07	-0.013	188.9	-0.0071				
2133.10	-0.013	189	-0.0053				
2133.13	-0.012	189	-0.0036				
2133.17	-0.01	189.1	-0.0018				
2133.20	-0.009	189.2	0.0009				
2133.23	-0.007	189.3	0.0036				
2133.27	-0.005	189.5	0.0036				

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
2133.30	-0.003	189.6	0.0062				
2133.33	-0.003	189.6	0.0098				
2133.37	-0.002	189.7	0.0124				
2133.40	0.001	190	0.016				
2133.43	0.003	190.2	0.0186				
2133.47	0.004	190.4	0.0231				

Prova triassiale ciclica							
tensione di confinamento (kPa)		100	tensione di confinamento (kPa)		100		
deviatore ciclico (kPa)		50	deviatore ciclico (kPa)		70		
frequenza (hz)		0.00625	frequenza (hz)		0.00625		
tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
0.00	0.006	184.7	0.0719	0.00	0.009	193.7	0.0604
0.03	0.006	184.7	0.0728	0.08	0.014	194.4	0.0781
0.07	0.01	185	0.079	0.18	0.033	196.2	0.166
0.10	0.016	185.6	0.087	0.25	0.048	199.1	0.2468
0.13	0.023	186	0.087	0.33	0.056	201	0.3799
0.17	0.023	186	0.0941	0.42	0.069	202.9	0.45
0.20	0.025	186.4	0.103	0.50	0.077	204.7	0.5113
0.23	0.03	187.1	0.1154	0.58	0.082	206.2	0.5583
0.27	0.037	187.7	0.1269	0.67	0.086	207.4	0.5965
0.30	0.039	188.1	0.1367	0.75	0.085	208.6	0.6151
0.33	0.043	188.8	0.1456	0.83	0.082	209	0.6196
0.37	0.048	189.4	0.1456	0.92	0.077	209.1	0.608
0.40	0.05	189.4	0.1571	1.00	0.066	208.7	0.5912
0.43	0.05	189.8	0.1651	1.08	0.056	207.9	0.5601
0.47	0.053	190.5	0.1758	1.17	0.046	207.1	0.5148
0.50	0.058	191	0.1864	1.25	0.029	205.4	0.4465
0.53	0.059	191.4	0.1935	1.33	0.008	202.5	0.3595
0.57	0.06	191.9	0.2006	1.42	-0.005	200.1	0.1997
0.60	0.063	192.4	0.2006	1.50	-0.018	197.7	0.0905
0.65	0.063	192.7	0.2121	1.58	-0.035	194.5	-0.0257
0.68	0.063	193	0.2157	1.68	-0.048	190.8	-0.0994
0.70	0.063	193.3	0.2157	1.75	-0.057	188	-0.2086
0.73	0.063	193.3	0.2184	1.83	-0.065	185.5	-0.2663
0.77	0.063	193.6	0.2201	1.92	-0.071	183.2	-0.3169
0.80	0.062	193.8	0.2201	2.00	-0.073	181.7	-0.348
0.83	0.062	193.9	0.2201	2.08	-0.073	180.7	-0.3639
0.87	0.061	194.1	0.2201	2.17	-0.069	180.3	-0.3666
0.90	0.059	194.1	0.2166	2.25	-0.062	180.6	-0.3595
0.93	0.054	194	0.2166	2.33	-0.055	181.5	-0.3293
0.97	0.052	194	0.2113	2.42	-0.044	182.6	-0.2965
1.00	0.052	193.9	0.2059	2.50	-0.029	184.7	-0.2397
1.03	0.049	193.6	0.1997	2.58	-0.02	186.6	-0.174
1.07	0.042	193.4	0.1917	2.67	-0.005	188.9	-0.087
1.10	0.041	193.2	0.1846	2.75	0.017	191.6	0.0222
1.13	0.037	192.7	0.174	2.83	0.033	195.7	0.1314
1.17	0.028	192.2	0.174	2.92	0.043	198.3	0.2974
1.20	0.026	192.2	0.1616	3.00	0.057	200.6	0.3941
1.23	0.026	191.9	0.1518	3.10	0.071	202.8	0.4776
1.27	0.022	191.3	0.1394	3.17	0.079	205.4	0.5281
1.30	0.012	190.6	0.1225	3.25	0.082	206.9	0.6
1.33	0.011	190.1	0.1118	3.33	0.086	208.1	0.6311
1.37	0.007	189.4	0.0968	3.42	0.085	208.9	0.6444
1.40	-0.003	188.6	0.0968	3.50	0.083	209.4	0.6471
1.43	-0.005	188.6	0.0799	3.58	0.078	209.6	0.6409
1.47	-0.005	188	0.071	3.67	0.065	209.3	0.6222
1.50	-0.009	187.2	0.0577	3.75	0.052	208.3	0.5965
1.53	-0.018	186.3	0.0435	3.83	0.043	207.3	0.5264
1.57	-0.02	185.7	0.0346	3.92	0.027	205.6	0.4554
1.60	-0.024	184.8	0.0213	4.00	0.012	203.6	0.3595
1.63	-0.031	184	0.0213	4.08	0.001	201.5	0.2574
1.67	-0.033	184	0.008	4.17	-0.016	198.7	0.1314
1.70	-0.033	183.3	-0.0009	4.25	-0.036	194.3	0.0115
1.73	-0.035	182.6	-0.0115	4.33	-0.048	191.2	-0.087
1.77	-0.041	181.7	-0.024	4.42	-0.056	188.7	-0.213
1.80	-0.044	181.1	-0.0328	4.50	-0.066	185.8	-0.284

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
1.83	-0.045	180.5	-0.0408	4.60	-0.071	183	-0.3275
1.87	-0.048	179.8	-0.0408	4.67	-0.074	181.6	-0.3604
1.90	-0.049	179.8	-0.0497	4.75	-0.073	180.8	-0.3843
1.93	-0.049	179.3	-0.0568	4.83	-0.07	180.4	-0.3843
1.97	-0.05	178.8	-0.063	4.92	-0.065	180.8	-0.3737
2.00	-0.051	178.3	-0.0683	5.00	-0.057	181.3	-0.3542
2.03	-0.052	178	-0.0719	5.08	-0.045	182.8	-0.3204
2.08	-0.051	177.7	-0.0728	5.17	-0.027	185.4	-0.2698
2.12	-0.051	177.5	-0.0737	5.25	-0.015	187.7	-0.1616
2.13	-0.05	177.3	-0.0746	5.33	-0.001	189.9	-0.0692
2.17	-0.05	177.1	-0.0746	5.42	0.016	192.8	0.0488
2.20	-0.048	177	-0.0746	5.50	0.026	195.4	0.1553
2.23	-0.045	177	-0.0737	5.58	0.041	197.9	0.2707
2.27	-0.045	177.1	-0.0692	5.67	0.06	200.6	0.3808
2.30	-0.043	177.2	-0.0639	5.75	0.071	203.8	0.4625
2.33	-0.037	177.5	-0.0577	5.83	0.077	205.7	0.569
2.37	-0.035	177.7	-0.0515	5.92	0.083	207.2	0.616
2.40	-0.033	178	-0.0426	6.02	0.086	208.4	0.6489
2.43	-0.025	178.6	-0.0426	6.08	0.085	209.6	0.6631
2.47	-0.022	178.6	-0.032	6.17	0.083	210	0.6666
2.50	-0.022	178.9	-0.0231	6.25	0.077	210.2	0.6569
2.53	-0.019	179.3	-0.0107	6.33	0.065	209.7	0.6373
2.57	-0.011	180	0.0044	6.42	0.059	209.1	0.608
2.60	-0.008	180.5	0.016	6.50	0.046	208.2	0.5645
2.63	-0.004	181.1	0.032	6.58	0.025	206.5	0.4909
2.67	0.005	181.9	0.032	6.67	0.009	203.6	0.4092
2.70	0.008	181.9	0.0488	6.75	-0.002	201.3	0.2397
2.73	0.008	182.4	0.0621	6.83	-0.019	198.6	0.1172
2.77	0.012	183	0.0754	6.92	-0.034	195.5	-0.0107
2.80	0.02	183.8	0.0897	7.00	-0.042	192.7	-0.1083
2.83	0.023	184.4	0.1003	7.08	-0.055	189.6	-0.2024
2.87	0.027	185.1	0.1154	7.17	-0.066	186.7	-0.2787
2.90	0.035	185.9	0.1154	7.25	-0.072	183.5	-0.332
2.93	0.038	185.9	0.1305	7.33	-0.073	182.1	-0.3826
2.97	0.038	186.5	0.1402	7.42	-0.073	181.2	-0.395
3.00	0.04	187.2	0.1518	7.52	-0.069	180.6	-0.3977
3.03	0.047	188	0.166	7.58	-0.062	181.1	-0.3906
3.07	0.049	188.6	0.1758	7.67	-0.056	181.7	-0.3613
3.10	0.052	189.1	0.1864	7.75	-0.043	183.3	-0.3249
3.13	0.057	189.8	0.1864	7.83	-0.031	185.1	-0.2681
3.17	0.058	190.4	0.1979	7.92	-0.02	187	-0.2024
3.20	0.058	190.4	0.2059	8.00	-0.003	189.7	-0.1021
3.23	0.059	190.9	0.2139	8.08	0.018	193.7	0.008
3.27	0.062	191.5	0.2219	8.17	0.032	196.5	0.126
3.30	0.062	191.9	0.2263	8.25	0.044	198.9	0.3053
3.33	0.063	192.3	0.2299	8.33	0.058	201.5	0.4128
3.37	0.063	192.6	0.2299	8.42	0.068	203.8	0.5033
3.40	0.063	192.9	0.2334	8.50	0.075	205.6	0.5716
3.43	0.063	192.9	0.2352	8.58	0.082	207.2	0.6249
3.47	0.063	193.2	0.2352	8.67	0.086	209	0.6586
3.50	0.062	193.4	0.2352	8.75	0.085	209.8	0.6808
3.55	0.06	193.5	0.2343	8.83	0.083	210.3	0.6826
3.58	0.06	193.7	0.2334	8.93	0.075	210.3	0.6737
3.60	0.057	193.6	0.2281	9.00	0.063	209.9	0.6604
3.63	0.052	193.5	0.2237	9.08	0.057	209.2	0.6151
3.67	0.05	193.4	0.2184	9.17	0.043	208.2	0.5663
3.70	0.047	193.2	0.2104	9.25	0.027	206.5	0.49
3.73	0.04	192.9	0.2104	9.33	0.017	204.6	0.3994
3.77	0.039	192.9	0.2024	9.42	0	202.4	0.2858
3.80	0.039	192.7	0.1935	9.50	-0.021	199.6	0.1509
3.83	0.034	192.2	0.182	9.58	-0.036	195	0.0337
3.87	0.026	191.8	0.1687	9.67	-0.045	192.1	-0.1331

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
3.90	0.024	191.4	0.158	9.75	-0.057	189.2	-0.2246
3.93	0.02	190.7	0.142	9.83	-0.066	186.3	-0.3036
3.97	0.011	190.1	0.142	9.92	-0.069	184.2	-0.3542
4.00	0.008	190.1	0.1252	10.00	-0.073	182.6	-0.3888
4.03	0.008	189.6	0.1127	10.08	-0.073	181.5	-0.4057
4.07	0.004	188.7	0.0959	10.17	-0.069	180.9	-0.4092
4.10	-0.005	188	0.0781	10.25	-0.064	181.1	-0.3959
4.13	-0.007	187.4	0.0666	10.35	-0.055	182	-0.3755
4.17	-0.011	186.5	0.0524	10.42	-0.041	183.8	-0.3471
4.20	-0.02	185.7	0.0524	10.50	-0.028	185.7	-0.3
4.23	-0.022	185.7	0.0364	10.58	-0.017	187.8	-0.1891
4.27	-0.022	185	0.0249	10.67	0	190.5	-0.087
4.30	-0.026	184.1	0.0107	10.75	0.013	193.2	0.032
4.33	-0.033	183.3	-0.0036	10.83	0.026	195.8	0.15
4.37	-0.034	182.7	-0.0133	10.92	0.043	198.6	0.2814
4.40	-0.037	181.9	-0.0257	11.00	0.061	202.4	0.3923
4.43	-0.043	181.1	-0.0257	11.08	0.07	204.6	0.4847
4.47	-0.044	181.1	-0.0391	11.17	0.077	206.3	0.5965
4.50	-0.044	180.6	-0.0479	11.25	0.083	208	0.6489
4.53	-0.045	179.9	-0.0559	11.33	0.085	209.1	0.6799
4.57	-0.049	179.3	-0.0657	11.42	0.086	210	0.6959
4.60	-0.05	178.8	-0.071	11.50	0.082	210.5	0.6986
4.63	-0.051	178.3	-0.0763	11.58	0.074	210.6	0.6924
4.67	-0.052	177.9	-0.0763	11.67	0.068	210.2	0.6657
4.70	-0.052	177.9	-0.0808	11.75	0.056	209.6	0.6329
4.73	-0.052	177.6	-0.0826	11.85	0.04	208.6	0.5912
4.77	-0.051	177.4	-0.0834	11.92	0.024	206.4	0.5299
4.80	-0.051	177.2	-0.0843	12.00	0.014	204.4	0.3852
4.83	-0.05	177	-0.0834	12.08	-0.004	202.1	0.2681
4.87	-0.049	177	-0.0817	12.17	-0.019	199.3	0.1349
4.90	-0.044	177.1	-0.0817	12.25	-0.029	196.4	0.0107
4.93	-0.043	177.1	-0.0772	12.33	-0.044	193.2	-0.1074
4.97	-0.043	177.1	-0.0737	12.42	-0.059	190.1	-0.2095
5.02	-0.036	177.5	-0.0675	12.50	-0.067	186	-0.284
5.03	-0.034	177.5	-0.0639	12.58	-0.07	184	-0.3693
5.07	-0.034	177.6	-0.0568	12.67	-0.073	182.4	-0.4021
5.10	-0.031	178.1	-0.047	12.75	-0.073	181.5	-0.4154
5.13	-0.022	178.7	-0.0346	12.83	-0.071	181.1	-0.4172
5.17	-0.021	179	-0.0249	12.92	-0.065	181.2	-0.4092
5.20	-0.017	179.5	-0.0115	13.00	-0.053	182.4	-0.3888
5.23	-0.008	180.2	-0.0115	13.08	-0.041	184	-0.3568
5.27	-0.006	180.2	0.0044	13.17	-0.031	185.6	-0.2796
5.30	-0.006	180.7	0.0169	13.25	-0.015	188.1	-0.1988
5.33	-0.002	181.4	0.0364	13.33	0.001	191.3	-0.1305
5.37	0.008	182.2	0.0541	13.42	0.016	194.1	-0.0169
5.40	0.01	182.6	0.0648	13.50	0.029	196.7	0.1802
5.43	0.014	183.3	0.0808	13.58	0.045	199.6	0.3098
5.47	0.023	184.2	0.0808	13.67	0.057	202.1	0.4207
5.50	0.025	184.2	0.0976	13.75	0.066	204.2	0.5131
5.53	0.025	184.7	0.1083	13.83	0.076	206.3	0.5938
5.57	0.029	185.5	0.1243	13.92	0.084	208.5	0.6489
5.60	0.037	186.3	0.1402	14.00	0.086	209.7	0.6986
5.63	0.039	187	0.15	14.08	0.086	210.5	0.7128
5.67	0.042	187.6	0.1642	14.17	0.083	210.9	0.7137
5.70	0.049	188.4	0.1642	14.25	0.077	211	0.7021
5.73	0.051	189	0.1793	14.33	0.07	210.8	0.6853
5.77	0.051	189	0.1891	14.42	0.057	210.1	0.656
5.80	0.053	189.6	0.1997	14.50	0.038	208.3	0.6071
5.83	0.057	190.3	0.2113	14.58	0.028	206.7	0.5051
5.87	0.059	190.8	0.2192	14.67	0.013	204.9	0.4057
5.90	0.06	191.3	0.2272	14.77	-0.006	202.8	0.308
5.93	0.062	191.8	0.2272	14.83	-0.022	198.8	0.182
5.97	0.063	192.3	0.2343	14.92	-0.032	195.8	-0.0151

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
6.00	0.063	192.3	0.2388	15.00	-0.046	192.7	-0.1305
6.03	0.063	192.6	0.2414	15.08	-0.057	189.6	-0.2334
6.07	0.063	192.9	0.2432	15.17	-0.063	187	-0.308
6.10	0.062	193.2	0.2432	15.25	-0.069	184.7	-0.3639
6.13	0.062	193.4	0.2441	15.33	-0.073	182.8	-0.4048
6.17	0.061	193.6	0.2441	15.42	-0.073	181.5	-0.4225
6.20	0.06	193.7	0.2441	15.50	-0.07	181.2	-0.4243
6.23	0.06	193.7	0.2423	15.58	-0.064	181.4	-0.4136
6.27	0.057	193.8	0.237	15.67	-0.054	182.4	-0.3906
6.30	0.054	193.6	0.2317	15.75	-0.047	183.6	-0.3551
6.33	0.049	193.5	0.2263	15.83	-0.034	185.3	-0.3053
6.37	0.047	193.4	0.2201	15.92	-0.013	187.7	-0.2263
6.40	0.044	193	0.2121	16.00	0.002	191.4	-0.1358
6.45	0.04	193	0.2077	16.08	0.013	194	0.0408
6.48	0.036	192.7	0.1971	16.18	0.03	196.8	0.1704
6.50	0.032	192.2	0.1846	16.25	0.047	199.2	0.2743
6.53	0.024	191.7	0.1846	16.33	0.06	203	0.387
6.57	0.022	191.7	0.1704	16.42	0.068	205.1	0.5423
6.60	0.022	191.3	0.158	16.50	0.077	207	0.616
6.63	0.017	190.5	0.1402	16.58	0.083	208.6	0.6719
6.67	0.008	189.9	0.1216	16.67	0.085	209.7	0.7048
6.70	0.006	189.4	0.1092	16.75	0.086	210.6	0.7234
6.73	0.001	188.5	0.0923	16.83	0.082	211.1	0.7261
6.77	-0.007	187.8	0.0923	16.92	0.074	211.3	0.7199
6.80	-0.009	187.8	0.0754	17.00	0.068	211	0.6924
6.83	-0.009	187.2	0.063	17.08	0.055	210.2	0.6595
6.87	-0.014	186.2	0.0462	17.17	0.043	209	0.6045
6.90	-0.022	185.3	0.0293	17.25	0.032	207.7	0.5388
6.93	-0.024	184.7	0.0169	17.33	0.015	205.6	0.4367
6.97	-0.028	183.9	0.0027	17.42	-0.007	202	0.3151
7.00	-0.034	183	0.0027	17.50	-0.02	199.1	0.1846
7.03	-0.036	183	-0.0124	17.58	-0.033	196.4	-0.0124
7.07	-0.036	182.4	-0.0231	17.68	-0.042	193.6	-0.0976
7.10	-0.039	181.6	-0.0373	17.75	-0.06	188.9	-0.2148
7.13	-0.044	180.8	-0.0497	17.83	-0.065	186.3	-0.3311
7.17	-0.045	180.3	-0.0577	17.92	-0.07	184.3	-0.3843
7.20	-0.047	179.6	-0.0666	18.00	-0.074	182.6	-0.4181
7.23	-0.05	179	-0.0666	18.08	-0.073	181.7	-0.4323
7.27	-0.051	179	-0.0754	18.17	-0.071	181.3	-0.4341
7.30	-0.051	178.6	-0.0799	18.25	-0.063	181.5	-0.4252
7.33	-0.051	178.1	-0.0843	18.33	-0.052	182.8	-0.4057
7.37	-0.052	177.8	-0.087	18.42	-0.044	184.2	-0.3524
7.40	-0.052	177.5	-0.0888	18.50	-0.031	185.9	-0.2974
7.43	-0.051	177.3	-0.0888	18.58	-0.016	188.4	-0.2148
7.47	-0.05	177.1	-0.0888	18.67	-0.005	190.8	-0.1163
7.50	-0.049	177.1	-0.0888	18.75	0.011	193.4	0.0018
7.53	-0.049	177	-0.0879	18.83	0.033	196.4	0.1402
7.57	-0.048	177	-0.0861	18.92	0.048	200.5	0.2698
7.60	-0.043	177.1	-0.0817	19.00	0.057	203	0.4447
7.63	-0.041	177.2	-0.0772	19.10	0.069	205.2	0.545
7.67	-0.039	177.5	-0.0701	19.17	0.078	206.9	0.6071
7.70	-0.032	177.8	-0.0701	19.25	0.084	209.2	0.6622
7.73	-0.03	177.8	-0.0621	19.33	0.086	210.3	0.7217
7.77	-0.03	178	-0.055	19.42	0.086	211.1	0.7359
7.80	-0.027	178.6	-0.0435	19.50	0.083	211.5	0.7367
7.83	-0.019	179.2	-0.0293	19.58	0.078	211.7	0.7279
7.87	-0.016	179.5	-0.0186	19.67	0.069	211.4	0.711
7.92	-0.013	180	-0.0098	19.75	0.053	210.3	0.6773
7.95	-0.008	180.5	0.0018	19.83	0.039	209	0.6347
7.97	-0.004	181	0.0169	19.92	0.029	207.6	0.529
8.00	0	181.6	0.0382	20.00	0.011	205.5	0.4207
8.03	0.009	182.5	0.0382	20.08	-0.002	203	0.2965
8.07	0.013	183.1	0.0577	20.17	-0.015	200.5	0.1651

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
8.10	0.013	183.1	0.0719	20.25	-0.032	197.2	0.0204
8.13	0.016	183.7	0.0861	20.33	-0.049	192.5	-0.1012
8.17	0.024	184.6	0.103	20.42	-0.057	189.5	-0.2033
8.20	0.028	185.2	0.1163	20.50	-0.064	187	-0.3302
8.23	0.031	185.9	0.1331	20.58	-0.071	184.9	-0.3772
8.27	0.038	186.8	0.1331	20.67	-0.074	182.6	-0.4136
8.30	0.042	187.5	0.1491	20.75	-0.073	181.8	-0.4376
8.33	0.042	187.5	0.1607	20.83	-0.07	181.4	-0.4376
8.37	0.044	188.1	0.174	20.92	-0.063	181.8	-0.4261
8.40	0.049	188.9	0.1882	21.00	-0.058	182.6	-0.4057
8.43	0.052	189.5	0.1997	21.08	-0.046	183.7	-0.3719
8.47	0.054	190.1	0.2121	21.17	-0.028	185.8	-0.3142
8.50	0.058	190.8	0.2121	21.25	-0.013	189.1	-0.2477
8.53	0.06	191.3	0.2237	21.33	-0.002	191.6	-0.0959
8.57	0.06	191.3	0.2326	21.42	0.014	194.3	0.0293
8.60	0.061	191.8	0.2388	21.50	0.03	197.2	0.1678
8.63	0.063	192.3	0.2441	21.58	0.041	200	0.2982
8.67	0.063	192.7	0.2485	21.67	0.055	202.4	0.4207
8.70	0.063	193	0.2503	21.75	0.071	204.9	0.5335
8.73	0.063	193.3	0.2503	21.83	0.079	207.7	0.608
8.77	0.063	193.5	0.2512	21.92	0.082	209.1	0.6941
8.80	0.063	193.5	0.2521	22.02	0.086	210.3	0.7296
8.83	0.062	193.7	0.2521	22.08	0.085	211.5	0.7456
8.87	0.061	193.9	0.2512	22.17	0.082	211.9	0.7492
8.90	0.058	193.9	0.2485	22.25	0.077	212	0.7367
8.93	0.056	194	0.2432	22.33	0.067	211.6	0.7181
8.97	0.052	193.7	0.237	22.42	0.056	210.7	0.6817
9.00	0.047	193.6	0.237	22.50	0.046	209.9	0.6329
9.03	0.047	193.6	0.2308	22.58	0.03	208.2	0.5601
9.07	0.045	193.5	0.2228	22.67	0.008	205.2	0.4616
9.10	0.041	193.1	0.2148	22.75	-0.005	202.7	0.348
9.13	0.035	192.8	0.205	22.83	-0.018	200.1	0.1376
9.17	0.033	192.6	0.1926	22.92	-0.034	196.8	-0.0053
9.20	0.027	191.9	0.1784	23.00	-0.044	193.6	-0.1269
9.23	0.02	191.4	0.1784	23.08	-0.054	190.8	-0.2272
9.27	0.02	191.4	0.1633	23.17	-0.064	187.7	-0.3196
9.30	0.017	191	0.1482	23.25	-0.072	184.3	-0.3799
9.35	0.006	189.7	0.1296	23.33	-0.073	182.9	-0.4332
9.38	0.006	189.7	0.1198	23.42	-0.073	182	-0.4456
9.40	0.004	189.2	0.1056	23.50	-0.069	181.6	-0.4483
9.43	-0.002	188.3	0.087	23.58	-0.061	182	-0.4403
9.47	-0.009	187.5	0.0692	23.67	-0.056	182.9	-0.4074
9.50	-0.012	186.9	0.055	23.75	-0.044	184.2	-0.3701
9.53	-0.017	185.9	0.0382	23.83	-0.029	186.3	-0.3071
9.57	-0.024	185.1	0.0382	23.92	-0.02	188.5	-0.2343
9.60	-0.024	185.1	0.0213	24.00	-0.004	190.9	-0.134
9.63	-0.026	184.5	0.0089	24.08	0.018	193.7	-0.0062
9.67	-0.03	183.5	-0.0071	24.17	0.033	198	0.1225
9.70	-0.036	182.8	-0.0213	24.25	0.043	200.7	0.3258
9.73	-0.037	182.2	-0.0328	24.33	0.058	203.2	0.4518
9.77	-0.041	181.3	-0.0453	24.42	0.069	205.6	0.5557
9.80	-0.045	180.6	-0.0453	24.50	0.075	207.4	0.6329
9.83	-0.045	180.6	-0.0577	24.58	0.082	209	0.6941
9.87	-0.046	180.1	-0.0666	24.67	0.086	210.8	0.7332
9.90	-0.048	179.4	-0.0763	24.75	0.085	211.5	0.7518
9.93	-0.051	178.9	-0.0834	24.83	0.083	212	0.7554
9.97	-0.051	178.4	-0.087	24.93	0.078	212.2	0.7492
10.00	-0.051	178	-0.0897	25.00	0.064	211.6	0.7314
10.03	-0.051	177.7	-0.0897	25.08	0.054	210.7	0.6808
10.07	-0.051	177.7	-0.0923	25.17	0.043	209.8	0.6284
10.10	-0.051	177.5	-0.0932	25.25	0.026	208.1	0.5477
10.13	-0.051	177.3	-0.0941	25.33	0.014	206	0.4438
10.17	-0.05	177.1	-0.0941	25.42	0	203.9	0.3249

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
10.20	-0.049	177	-0.0923	25.50	-0.022	200.8	0.1713
10.23	-0.047	177.1	-0.0879	25.58	-0.036	196.4	0.0488
10.27	-0.042	177.3	-0.0879	25.67	-0.045	193.3	-0.1394
10.30	-0.04	177.3	-0.0843	25.75	-0.056	190.4	-0.2477
10.33	-0.04	177.4	-0.079	25.83	-0.065	187.4	-0.3355
10.37	-0.037	177.7	-0.0719	25.92	-0.069	185.1	-0.3906
10.40	-0.031	178	-0.063	26.00	-0.073	183.5	-0.4305
10.43	-0.029	178.3	-0.0541	26.08	-0.072	182.5	-0.4483
10.47	-0.025	178.9	-0.0417	26.17	-0.069	181.9	-0.4518
10.50	-0.017	179.5	-0.0417	26.25	-0.064	182.3	-0.4367
10.53	-0.014	179.5	-0.0266	26.35	-0.055	183	-0.4145
10.57	-0.014	179.9	-0.0151	26.42	-0.041	184.1	-0.3852
10.60	-0.01	180.6	0	26.50	-0.027	187	-0.3338
10.63	-0.002	181.2	0.0186	26.58	-0.017	189.2	-0.2184
10.67	0.001	181.7	0.0346	26.67	-0.001	191.7	-0.1127
10.70	0.005	182.6	0.0524	26.75	0.014	194.6	0.0195
10.73	0.014	183.3	0.0524	26.83	0.026	197.4	0.1527
10.77	0.016	183.3	0.071	26.92	0.042	200.2	0.2938
10.82	0.018	184.4	0.0932	27.00	0.06	202.8	0.4252
10.85	0.026	185.1	0.0932	27.08	0.071	206.3	0.5308
10.87	0.029	185.1	0.111	27.17	0.076	208.1	0.656
10.90	0.029	185.8	0.1252	27.25	0.083	209.6	0.7128
10.93	0.033	186.6	0.1411	27.33	0.086	210.8	0.7465
10.97	0.041	187.4	0.1589	27.42	0.086	211.6	0.7625
11.00	0.042	188	0.1704	27.50	0.083	212.2	0.7643
11.03	0.046	188.8	0.1864	27.58	0.075	212.3	0.758
11.07	0.052	189.5	0.1864	27.67	0.065	211.8	0.7412
11.10	0.053	189.5	0.2015	27.75	0.056	211.2	0.6932
11.13	0.053	190.1	0.2121	27.85	0.046	210.3	0.6577
11.17	0.055	190.7	0.2228	27.92	0.023	207.8	0.5805
11.20	0.06	191.3	0.2352	28.00	0.011	205.8	0.4882
11.23	0.061	191.8	0.2414	28.08	-0.003	203.6	0.2982
11.27	0.062	192.3	0.2468	28.17	-0.02	200.5	0.1456
11.30	0.063	192.7	0.2468	28.25	-0.032	197.4	0.0053
11.33	0.063	192.7	0.2521	28.33	-0.043	194.4	-0.1154
11.37	0.063	193.1	0.2565	28.42	-0.056	191.1	-0.2317
11.40	0.063	193.4	0.2592	28.50	-0.067	186.8	-0.3196
11.43	0.063	193.6	0.2592	28.58	-0.071	184.8	-0.4092
11.47	0.062	193.9	0.2592	28.67	-0.073	183.3	-0.442
11.50	0.061	194.1	0.2592	28.75	-0.073	182.4	-0.4545
11.53	0.06	194.2	0.2592	28.83	-0.071	182	-0.4562
11.57	0.057	194.2	0.2574	28.92	-0.066	182.1	-0.4474
11.60	0.057	194.2	0.253	29.00	-0.053	183	-0.4261
11.63	0.055	194.2	0.2468	29.08	-0.04	185.1	-0.3923
11.67	0.05	194	0.2414	29.17	-0.031	187.1	-0.308
11.70	0.046	193.8	0.2343	29.27	-0.017	189.2	-0.2334
11.73	0.044	193.7	0.2263	29.33	0.001	191.4	-0.1473
11.77	0.037	193.3	0.2263	29.42	0.018	195.6	-0.0231
11.80	0.034	193.3	0.2157	29.50	0.029	198.4	0.1855
11.83	0.034	193	0.2059	29.58	0.044	201.1	0.3249
11.87	0.031	192.6	0.1926	29.67	0.058	203.8	0.458
11.90	0.023	191.9	0.1758	29.75	0.066	206.1	0.5601
11.93	0.019	191.5	0.1624	29.83	0.075	207.9	0.6462
11.97	0.016	190.9	0.1447	29.92	0.084	209.6	0.711
12.00	0.007	190	0.1447	30.00	0.086	211.3	0.7474
12.03	0.002	189.4	0.1243	30.08	0.086	212.1	0.774
12.07	0.002	189.4	0.1092	30.17	0.083	212.6	0.7731
12.10	0	188.9	0.0941	30.25	0.076	212.6	0.7643
12.13	-0.007	187.9	0.0746	30.33	0.07	212.3	0.7456
12.17	-0.013	187.1	0.0577	30.42	0.059	211.7	0.7154
12.20	-0.015	186.4	0.0417	30.50	0.039	210.5	0.6613
12.25	-0.021	185.6	0.0302	30.58	0.025	208.2	0.5965
12.28	-0.024	185	0.0178	30.67	0.014	206.3	0.4438

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
12.30	-0.027	184.3	0.0009	30.75	0	204.3	0.3382
12.33	-0.033	183.2	0.0009	30.83	-0.022	201.5	0.1971
12.37	-0.037	182.5	-0.0178	30.92	-0.036	196.9	0.0586
12.40	-0.037	182.5	-0.0311	31.00	-0.045	193.9	-0.1394
12.43	-0.039	181.9	-0.0426	31.08	-0.057	190.7	-0.2539
12.47	-0.042	181.1	-0.055	31.17	-0.065	187.8	-0.3417
12.50	-0.046	180.4	-0.0666	31.25	-0.069	185.6	-0.3994
12.53	-0.047	179.9	-0.0754	31.33	-0.073	183.8	-0.4385
12.57	-0.049	179.2	-0.0754	31.42	-0.072	182.5	-0.4562
12.60	-0.051	178.7	-0.0843	31.50	-0.069	182.2	-0.4598
12.63	-0.051	178.7	-0.0888	31.58	-0.064	182.4	-0.4465
12.67	-0.051	178.3	-0.0923	31.67	-0.055	183.3	-0.4234
12.70	-0.051	177.9	-0.0959	31.75	-0.044	184.9	-0.3817
12.73	-0.051	177.6	-0.0976	31.83	-0.034	186.4	-0.3302
12.77	-0.051	177.4	-0.0985	31.92	-0.018	189	-0.2485
12.80	-0.05	177.2	-0.0985	32.00	0.003	192.9	-0.1429
12.83	-0.05	177.1	-0.0985	32.08	0.016	195.8	-0.024
12.87	-0.05	177.1	-0.0985	32.18	0.027	198.1	0.1616
12.90	-0.048	177	-0.095	32.25	0.042	200.9	0.2982
12.93	-0.044	177.3	-0.0897	32.33	0.061	204.7	0.4332
12.97	-0.04	177.4	-0.0861	32.42	0.07	206.9	0.545
13.00	-0.038	177.5	-0.079	32.50	0.077	208.7	0.6702
13.03	-0.035	178	-0.0719	32.58	0.083	210.2	0.7288
13.07	-0.029	178.3	-0.0719	32.67	0.086	211.4	0.7634
13.10	-0.029	178.3	-0.0621	32.75	0.086	212.2	0.7793
13.13	-0.027	178.6	-0.0515	32.83	0.082	212.8	0.7829
13.17	-0.021	179.3	-0.0373	32.92	0.074	212.8	0.7758
13.20	-0.014	179.8	-0.024	33.00	0.068	212.4	0.7474
13.23	-0.012	180.2	-0.0107	33.08	0.056	211.7	0.7154
13.27	-0.007	181	0.0062	33.17	0.041	210.4	0.6551
13.30	0	181.7	0.0062	33.25	0.032	209	0.5858
13.33	0	181.7	0.024	33.33	0.016	207.2	0.4847
13.37	0.003	182.2	0.0417	33.42	-0.006	204.7	0.3497
13.40	0.009	183.1	0.0612	33.50	-0.022	200.5	0.2104
13.43	0.016	183.7	0.0781	33.58	-0.032	197.5	-0.0036
13.47	0.018	184.3	0.0932	33.67	-0.043	194.8	-0.1047
13.50	0.024	185.3	0.1127	33.75	-0.059	191.6	-0.2299
13.53	0.032	186	0.1127	33.83	-0.066	187.4	-0.3151
13.57	0.032	186	0.1296	33.92	-0.07	185.3	-0.4136
13.60	0.033	186.6	0.142	34.00	-0.073	183.7	-0.4491
13.63	0.038	187.5	0.1589	34.08	-0.073	182.7	-0.4625
13.67	0.044	188.2	0.174	34.17	-0.071	182.3	-0.4642
13.72	0.046	188.7	0.1846	34.25	-0.065	182.4	-0.4554
13.75	0.047	189.4	0.1953	34.33	-0.052	183.8	-0.4349
13.77	0.053	190	0.2095	34.42	-0.041	185.4	-0.4012
13.80	0.054	190.6	0.221	34.50	-0.031	187.1	-0.3178
13.83	0.057	191.3	0.2334	34.58	-0.015	189.7	-0.2308
13.87	0.061	191.8	0.2334	34.67	-0.002	192.3	-0.1216
13.90	0.061	191.8	0.245	34.75	0.011	194.9	0.0036
13.93	0.061	192.3	0.2503	34.83	0.027	198	0.1473
13.97	0.063	192.8	0.2574	34.92	0.049	202.1	0.2991
14.00	0.063	193.2	0.2619	35.00	0.059	204.7	0.4891
14.03	0.063	193.5	0.2645	35.10	0.066	206.6	0.5761
14.07	0.063	193.8	0.2654	35.17	0.078	208.5	0.6586
14.10	0.062	194	0.2654	35.25	0.084	210.8	0.7172
14.13	0.062	194	0.2654	35.33	0.086	211.8	0.7731
14.17	0.062	194.2	0.2654	35.42	0.086	212.6	0.7864
14.20	0.061	194.4	0.2645	35.50	0.083	213.1	0.7882
14.23	0.058	194.4	0.2619	35.58	0.078	213.1	0.7785
14.27	0.056	194.4	0.2574	35.67	0.07	212.9	0.7616
14.30	0.053	194.3	0.2503	35.75	0.054	212.1	0.7288
14.33	0.047	194.1	0.2503	35.83	0.038	210.4	0.6817
14.37	0.046	194.1	0.2432	35.92	0.029	208.9	0.5716

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
14.40	0.046	194	0.237	36.00	0.012	206.9	0.4616
14.43	0.042	193.7	0.2281	36.08	-0.003	204.5	0.3258
14.47	0.035	193.3	0.2157	36.17	-0.014	201.7	0.1855
14.50	0.033	193	0.2059	36.25	-0.031	198.6	0.0355
14.53	0.029	192.5	0.1917	36.33	-0.049	195.2	-0.1074
14.57	0.02	191.9	0.1917	36.42	-0.058	190.6	-0.2166
14.60	0.018	191.9	0.1731	36.52	-0.064	188.1	-0.3515
14.63	0.018	191.4	0.1598	36.58	-0.069	185.9	-0.4012
14.67	0.013	190.6	0.1402	36.67	-0.074	183.5	-0.4429
14.70	0.003	189.9	0.1181	36.75	-0.072	182.8	-0.4633
14.73	0.001	189.4	0.1056	36.83	-0.07	182.4	-0.466
14.77	-0.003	188.5	0.0861	36.92	-0.064	182.7	-0.4554
14.80	-0.012	187.7	0.0861	37.00	-0.055	183.7	-0.4323
14.83	-0.014	187.7	0.0657	37.08	-0.047	184.7	-0.3959
14.87	-0.014	187	0.0524	37.17	-0.032	186.8	-0.3391
14.90	-0.017	186.1	0.0346	37.25	-0.012	190.4	-0.2583
14.93	-0.026	185.1	0.0133	37.33	0	193	-0.1616
14.97	-0.028	184.4	0	37.42	0.014	195.7	0.0311
15.00	-0.031	183.7	-0.0142	37.50	0.031	198.8	0.1829
15.03	-0.037	182.8	-0.0142	37.58	0.044	201.6	0.332
15.07	-0.039	182.8	-0.0302	37.67	0.055	204	0.4527
15.10	-0.039	182.1	-0.0426	37.75	0.068	206.5	0.5725
15.13	-0.041	181.5	-0.055	37.83	0.079	209.3	0.6577
15.18	-0.046	180.6	-0.0683	37.92	0.083	210.8	0.7474
15.20	-0.046	180.2	-0.0754	38.02	0.085	211.8	0.7776
15.23	-0.048	179.7	-0.0834	38.08	0.085	212.7	0.7944
15.27	-0.05	179	-0.0905	38.17	0.082	213.4	0.798
15.30	-0.051	178.6	-0.095	38.25	0.077	213.3	0.7847
15.33	-0.051	178.2	-0.0985	38.33	0.068	213	0.7651
15.37	-0.051	177.9	-0.0985	38.42	0.054	212.1	0.727
15.40	-0.051	177.9	-0.1003	38.50	0.046	211	0.6773
15.43	-0.051	177.6	-0.1021	38.58	0.031	209.6	0.6045
15.47	-0.051	177.4	-0.1021	38.67	0.009	207.6	0.4971
15.50	-0.05	177.3	-0.1021	38.75	-0.006	204	0.3719
15.53	-0.049	177.1	-0.1012	38.83	-0.018	201.2	0.1518
15.57	-0.047	177.2	-0.0959	38.92	-0.033	198.1	0.0044
15.60	-0.042	177.4	-0.0959	39.00	-0.046	194.7	-0.1367
15.63	-0.039	177.5	-0.0914	39.08	-0.054	191.7	-0.2423
15.67	-0.039	177.5	-0.087	39.17	-0.064	188.8	-0.3364
15.70	-0.037	177.7	-0.0808	39.25	-0.072	186.3	-0.4039
15.73	-0.032	178.2	-0.0719	39.33	-0.073	183.9	-0.4456
15.77	-0.028	178.5	-0.063	39.43	-0.073	183	-0.4722
15.80	-0.025	178.9	-0.0506	39.50	-0.071	182.5	-0.4749
15.83	-0.018	179.6	-0.0506	39.58	-0.062	183	-0.4651
15.87	-0.013	180.1	-0.0346	39.67	-0.053	184	-0.4474
15.90	-0.013	180.1	-0.0222	39.75	-0.044	185.2	-0.3914
15.93	-0.01	180.6	-0.0062	39.83	-0.03	187.5	-0.3293
15.97	-0.003	181.4	0.0133	39.92	-0.017	189.9	-0.2423
16.00	0.002	182	0.0302	40.00	-0.005	192.2	-0.1394
16.03	0.005	182.6	0.0479	40.08	0.012	195.3	-0.0018
16.07	0.013	183.5	0.0479	40.17	0.034	199.6	0.142
16.10	0.017	184.1	0.0683	40.25	0.046	202.4	0.3613
16.13	0.017	184.1	0.0834	40.33	0.057	204.7	0.4829
16.17	0.021	184.8	0.1012	40.42	0.07	207.1	0.5974
16.20	0.028	185.7	0.1216	40.50	0.076	209.1	0.679
16.23	0.032	186.4	0.1376	40.58	0.082	210.5	0.7394
16.27	0.035	187.1	0.1518	40.67	0.086	211.8	0.7811
16.30	0.041	187.9	0.1518	40.75	0.085	213.1	0.7989
16.33	0.044	188.6	0.1687	40.83	0.083	213.4	0.8024
16.37	0.044	188.6	0.1829	40.93	0.079	213.6	0.7953
16.40	0.047	189.2	0.1988	41.00	0.066	213.3	0.7767
16.43	0.053	190.1	0.2157	41.08	0.052	212	0.7474
16.47	0.056	190.7	0.2281	41.17	0.043	210.8	0.6666

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
16.50	0.057	191.2	0.237	41.25	0.028	209.4	0.5894
16.53	0.059	191.8	0.237	41.33	0.012	207.3	0.4758
16.57	0.062	192.4	0.2468	41.42	0.001	204.9	0.3488
16.62	0.062	192.8	0.2601	41.50	-0.016	202.3	0.1979
16.65	0.063	193.2	0.2601	41.58	-0.036	199	0.0382
16.67	0.063	193.5	0.2645	41.67	-0.048	194.1	-0.0905
16.70	0.063	193.5	0.2681	41.75	-0.056	191.2	-0.269
16.73	0.063	193.9	0.2707	41.83	-0.065	188.4	-0.3568
16.77	0.063	194.1	0.2716	41.92	-0.071	185.9	-0.4199
16.80	0.062	194.4	0.2725	42.00	-0.073	184.3	-0.4562
16.83	0.062	194.5	0.2716	42.08	-0.073	183.3	-0.474
16.87	0.06	194.6	0.269	42.17	-0.069	182.8	-0.4767
16.90	0.056	194.6	0.269	42.25	-0.061	183.3	-0.4687
16.93	0.054	194.6	0.2654	42.35	-0.058	183.7	-0.4447
16.97	0.054	194.6	0.261	42.42	-0.046	185	-0.4092
17.00	0.052	194.5	0.2548	42.50	-0.027	187.1	-0.3471
17.03	0.046	194.3	0.2459	42.58	-0.013	190.6	-0.2752
17.07	0.044	194.1	0.2388	42.67	-0.002	193	-0.1136
17.10	0.041	193.7	0.229	42.75	0.015	196.1	0.0231
17.13	0.033	193.4	0.229	42.83	0.029	199	0.174
17.17	0.031	193.4	0.2166	42.92	0.041	201.6	0.3142
17.20	0.031	193.1	0.2059	43.00	0.056	204.4	0.4545
17.23	0.027	192.4	0.1908	43.08	0.071	207.8	0.5743
17.27	0.018	191.8	0.1713	43.17	0.078	209.6	0.6613
17.30	0.015	191.4	0.1571	43.25	0.083	211	0.7554
17.33	0.011	190.6	0.1376	43.33	0.086	212.2	0.7927
17.37	0.001	189.8	0.1376	43.42	0.086	213.1	0.8069
17.40	-0.001	189.8	0.1145	43.50	0.084	213.5	0.8086
17.43	-0.001	189.3	0.1012	43.58	0.075	213.7	0.8015
17.47	-0.005	188.3	0.0808	43.67	0.064	213.1	0.7838
17.50	-0.014	187.5	0.0595	43.75	0.056	212.3	0.735
17.53	-0.016	186.8	0.0462	43.83	0.046	211.6	0.6941
17.57	-0.02	185.9	0.0275	43.92	0.025	209.9	0.6151
17.60	-0.028	185	0.0275	44.00	0.009	207	0.5202
17.63	-0.03	185	0.0062	44.08	-0.002	204.6	0.3213
17.67	-0.03	184.3	-0.0071	44.17	-0.018	201.8	0.1687
17.70	-0.032	183.4	-0.0222	44.25	-0.034	198.5	0.0062
17.73	-0.038	182.6	-0.0382	44.33	-0.042	195.4	-0.1207
17.77	-0.04	182	-0.0506	44.42	-0.055	192.2	-0.2423
17.80	-0.042	181.3	-0.063	44.50	-0.066	189.1	-0.3426
17.83	-0.047	180.5	-0.063	44.58	-0.072	185.6	-0.4048
17.87	-0.048	180.5	-0.0754	44.67	-0.073	184.3	-0.4642
17.90	-0.048	180	-0.0843	44.75	-0.073	183.3	-0.4784
17.93	-0.049	179.4	-0.0914	44.83	-0.07	183	-0.4784
17.97	-0.051	178.9	-0.0976	44.92	-0.066	183.2	-0.4687
18.00	-0.052	178.5	-0.1012	45.00	-0.057	183.9	-0.45
18.03	-0.051	178.1	-0.1039	45.08	-0.041	185.4	-0.4092
18.08	-0.051	177.8	-0.1056	45.17	-0.027	188.3	-0.3595
18.12	-0.051	177.6	-0.1056	45.27	-0.02	190	-0.2583
18.13	-0.05	177.4	-0.1056	45.33	-0.004	192.6	-0.1536
18.17	-0.05	177.3	-0.1056	45.42	0.018	196.9	-0.0169
18.20	-0.048	177.3	-0.1056	45.50	0.032	199.9	0.1269
18.23	-0.048	177.2	-0.103	45.58	0.044	202.5	0.348
18.27	-0.045	177.3	-0.0976	45.67	0.058	205.2	0.4873
18.30	-0.04	177.6	-0.0923	45.75	0.068	207.5	0.5992
18.33	-0.038	177.7	-0.087	45.83	0.075	209.3	0.6817
18.37	-0.036	177.9	-0.0799	45.92	0.083	211	0.7509
18.40	-0.03	178.5	-0.0799	46.00	0.086	212.8	0.79
18.43	-0.026	178.8	-0.0701	46.08	0.086	213.5	0.8104
18.47	-0.026	178.8	-0.0604	46.17	0.083	213.9	0.814
18.50	-0.023	179.2	-0.047	46.25	0.076	213.9	0.8051
18.53	-0.015	180	-0.0293	46.33	0.067	213.5	0.7829
18.57	-0.011	180.5	-0.0169	46.42	0.059	213	0.7527

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
18.60	-0.009	181	-0.0018	46.50	0.044	211.6	0.6959
18.63	-0.001	181.8	-0.0018	46.58	0.023	209.3	0.6213
18.67	0.004	182.4	0.0195	46.68	0.013	207.4	0.4704
18.70	0.004	182.4	0.0373	46.75	0.001	205.6	0.3675
18.73	0.007	183.1	0.0559	46.83	-0.021	202.6	0.2086
18.77	0.015	184	0.0772	46.92	-0.036	197.9	0.0586
18.80	0.02	184.6	0.0923	47.00	-0.045	194.7	-0.15
18.83	0.023	185.3	0.1101	47.08	-0.056	191.7	-0.2663
18.87	0.03	186.2	0.1101	47.17	-0.066	188.6	-0.363
18.90	0.034	186.9	0.1305	47.25	-0.069	186.4	-0.4207
18.93	0.034	186.9	0.1456	47.33	-0.072	184.7	-0.4625
18.97	0.036	187.6	0.1616	47.42	-0.073	183.6	-0.4811
19.00	0.043	188.5	0.1793	47.50	-0.069	183.1	-0.4847
19.03	0.047	189.1	0.1944	47.58	-0.064	183.5	-0.4696
19.07	0.049	189.8	0.2095	47.67	-0.056	184.2	-0.4474
19.10	0.054	190.5	0.2095	47.75	-0.042	186	-0.4021
19.13	0.057	191.2	0.2263	47.83	-0.034	187.8	-0.348
19.17	0.057	191.2	0.2379	47.92	-0.019	190	-0.2663
19.20	0.058	191.7	0.2477	48.00	0.002	192.7	-0.1562
19.23	0.061	192.3	0.2574	48.08	0.017	197	-0.032
19.27	0.062	192.8	0.2636	48.18	0.026	199.5	0.1616
19.30	0.062	193.2	0.2681	48.25	0.041	202.1	0.3036
19.33	0.063	193.6	0.2681	48.33	0.06	204.9	0.458
19.37	0.063	193.9	0.2725	48.42	0.071	208.2	0.569
19.40	0.063	193.9	0.2761	48.50	0.076	209.9	0.7003
19.43	0.063	194.2	0.2761	48.58	0.083	211.4	0.7625
19.47	0.062	194.4	0.2769	48.67	0.086	212.7	0.7998
19.52	0.061	194.6	0.2769	48.75	0.086	213.5	0.8157
19.55	0.061	194.8	0.2761	48.83	0.083	214	0.8184
19.57	0.059	194.8	0.2725	48.92	0.075	214.1	0.8104
19.60	0.055	194.8	0.2681	49.00	0.065	213.6	0.7936
19.63	0.053	194.8	0.2636	49.08	0.057	213	0.7456
19.67	0.05	194.6	0.2565	49.17	0.041	211.6	0.687
19.70	0.044	194.4	0.2565	49.25	0.029	210	0.6045
19.73	0.042	194.4	0.2477	49.33	0.016	208.3	0.5033
19.77	0.042	194.2	0.2406	49.42	-0.001	205.7	0.3613
19.80	0.038	193.8	0.2299	49.50	-0.023	201.3	0.2068
19.83	0.031	193.4	0.2157	49.60	-0.033	198.6	0.0018
19.87	0.029	193	0.2042	49.67	-0.042	196	-0.1056
19.90	0.024	192.4	0.1873	49.75	-0.058	192.4	-0.2468
19.93	0.016	191.8	0.1873	49.83	-0.067	188.2	-0.3355
19.97	0.013	191.8	0.1687	49.92	-0.07	186	-0.4341
20.00	0.013	191.3	0.1518	50.00	-0.073	184.5	-0.4704
20.03	0.007	190.4	0.1305	50.08	-0.073	183.5	-0.4855
20.07	-0.001	189.6	0.1092	50.17	-0.071	183.2	-0.4864
20.10	-0.003	189.1	0.0941	50.25	-0.066	183.3	-0.4776
20.13	-0.007	188.2	0.0754	50.33	-0.053	184.2	-0.4562
20.17	-0.016	187.3	0.0754	50.42	-0.04	186.4	-0.4216
20.20	-0.018	187.3	0.0533	50.50	-0.032	188.4	-0.3329
20.23	-0.018	186.6	0.0382	50.58	-0.016	190.6	-0.2477
20.27	-0.022	185.6	0.0186	50.67	-0.001	193.4	-0.1296
20.30	-0.03	184.8	-0.0009	50.75	0.01	196.2	-0.0036
20.33	-0.031	184.1	-0.0142	50.83	0.027	199.1	0.1491
20.37	-0.034	183.2	-0.0293	50.92	0.047	202	0.3071
20.40	-0.04	182.4	-0.0293	51.00	0.06	206	0.4403
20.43	-0.041	182.4	-0.047	51.10	0.066	207.9	0.6027
20.47	-0.041	181.8	-0.0586	51.17	0.075	209.7	0.6844
20.50	-0.044	181	-0.071	51.25	0.084	211.3	0.7572
20.53	-0.048	180.3	-0.0834	51.33	0.086	213.1	0.798
20.57	-0.048	179.8	-0.0888	51.42	0.086	213.9	0.8228
20.60	-0.05	179.3	-0.0968	51.50	0.083	214.3	0.8237
20.63	-0.052	178.8	-0.0968	51.58	0.076	214.3	0.814
20.67	-0.051	178.8	-0.1021	51.67	0.07	214.1	0.7962

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
20.70	-0.051	178.4	-0.1047	51.75	0.058	213.4	0.7651
20.73	-0.051	178.1	-0.1065	51.83	0.038	211.5	0.7101
20.77	-0.051	177.9	-0.1083	51.92	0.026	209.8	0.6409
20.80	-0.05	177.7	-0.1083	52.00	0.013	208.1	0.4802
20.83	-0.05	177.5	-0.1083	52.08	-0.004	205.3	0.332
20.87	-0.048	177.4	-0.1083	52.17	-0.017	202.4	0.1766
20.90	-0.045	177.4	-0.1056	52.25	-0.03	199.7	0.0302
20.93	-0.045	177.5	-0.1021	52.33	-0.044	196.1	-0.1207
20.98	-0.039	177.8	-0.0959	52.42	-0.06	191.2	-0.2406
21.02	-0.037	177.8	-0.0932	52.52	-0.064	188.8	-0.3648
21.03	-0.037	177.9	-0.087	52.58	-0.069	186.7	-0.4225
21.07	-0.034	178.4	-0.0781	52.67	-0.073	184.9	-0.4651
21.10	-0.027	178.9	-0.0666	52.75	-0.073	183.5	-0.4847
21.13	-0.025	179.1	-0.0568	52.83	-0.07	183.3	-0.4873
21.17	-0.021	179.7	-0.0426	52.92	-0.064	183.5	-0.4767
21.20	-0.012	180.4	-0.0426	53.00	-0.054	184.6	-0.4518
21.23	-0.01	180.4	-0.024	53.08	-0.047	186	-0.4128
21.27	-0.01	180.8	-0.0115	53.17	-0.033	187.8	-0.3577
21.30	-0.006	181.5	0.0062	53.25	-0.013	190.3	-0.2707
21.33	0.003	182.3	0.0293	53.33	0.002	194.1	-0.1713
21.37	0.005	182.9	0.0444	53.42	0.013	197	0.0293
21.40	0.009	183.6	0.0648	53.50	0.03	199.9	0.1829
21.43	0.019	184.5	0.0648	53.58	0.045	202.8	0.3391
21.47	0.021	184.5	0.087	53.67	0.054	205.4	0.4704
21.50	0.021	185.1	0.1003	53.75	0.067	207.7	0.5974
21.53	0.025	185.8	0.1207	53.83	0.078	209.7	0.6888
21.57	0.033	186.7	0.1402	53.92	0.084	212	0.7545
21.60	0.036	187.4	0.1553	54.00	0.085	213.1	0.8113
21.63	0.039	188.1	0.1722	54.08	0.086	213.9	0.8273
21.67	0.045	189	0.1722	54.17	0.082	214.4	0.8299
21.70	0.048	189	0.1917	54.25	0.074	214.4	0.8228
21.73	0.048	189.6	0.205	54.33	0.068	214.1	0.7953
21.77	0.05	190.3	0.2192	54.42	0.055	213.3	0.7616
21.80	0.056	191	0.2352	54.50	0.042	212.1	0.7012
21.83	0.057	191.6	0.2459	54.58	0.032	210.7	0.6267
21.87	0.059	192.1	0.2565	54.67	0.015	208.6	0.5175
21.90	0.061	192.7	0.2565	54.75	-0.007	205	0.379
21.93	0.062	193.1	0.2654	54.83	-0.021	201.9	0.2317
21.97	0.062	193.1	0.2707	54.92	-0.032	199	-0.0036
22.00	0.063	193.6	0.2752	55.00	-0.046	195.5	-0.1482
22.03	0.063	193.9	0.2796	55.08	-0.056	192.3	-0.2663
22.07	0.063	194.2	0.2814	55.17	-0.063	189.6	-0.3586
22.10	0.063	194.5	0.2823	55.25	-0.07	187	-0.4287
22.13	0.062	194.7	0.2823	55.33	-0.073	184.5	-0.4669
22.17	0.061	194.9	0.2823	55.43	-0.073	183.7	-0.4935
22.20	0.061	194.9	0.2814	55.50	-0.071	183.3	-0.4944
22.23	0.059	195	0.2769	55.58	-0.063	183.5	-0.4864
22.27	0.056	194.9	0.2725	55.67	-0.052	184.9	-0.4669
22.30	0.052	194.8	0.269	55.75	-0.044	186.4	-0.4074
22.33	0.05	194.8	0.2619	55.83	-0.031	188.3	-0.3462
22.37	0.046	194.5	0.2619	55.92	-0.016	190.9	-0.2548
22.42	0.041	194.3	0.2459	56.00	-0.005	193.5	-0.1482
22.45	0.04	194.2	0.2388	56.08	0.011	196.3	-0.0133
22.47	0.035	193.7	0.2388	56.17	0.033	199.3	0.1473
22.50	0.029	193.3	0.2272	56.25	0.048	203.5	0.2929
22.53	0.029	193.3	0.2148	56.33	0.057	206.1	0.506
22.57	0.027	193	0.1997	56.42	0.069	208.4	0.6231
22.60	0.02	192.2	0.1811	56.50	0.078	210.2	0.7128
22.63	0.014	191.7	0.1633	56.58	0.082	211.8	0.7722
22.67	0.011	191.2	0.1447	56.67	0.085	213	0.8131
22.70	0.004	190.1	0.1216	56.75	0.085	213.9	0.8308
22.73	-0.003	189.5	0.1216	56.85	0.082	214.5	0.8335
22.77	-0.003	189.5	0.103	56.92	0.078	214.7	0.8255

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
22.80	-0.005	188.9	0.0861	57.00	0.07	214.4	0.8095
22.83	-0.011	187.9	0.0657	57.08	0.053	213.7	0.7758
22.87	-0.018	187	0.0462	57.17	0.039	211.9	0.7279
22.90	-0.02	186.3	0.0293	57.25	0.029	210.5	0.6107
22.93	-0.025	185.3	0.0089	57.33	0.012	208.4	0.4953
22.97	-0.031	184.5	0.0089	57.42	-0.003	205.9	0.3506
23.00	-0.031	184.5	-0.0098	57.50	-0.015	203.2	0.2006
23.03	-0.033	183.8	-0.0231	57.58	-0.031	199.9	0.0364
23.07	-0.036	182.9	-0.0399	57.67	-0.049	194.9	-0.1118
23.10	-0.042	182.1	-0.0559	57.75	-0.058	191.8	-0.2308
23.13	-0.043	181.5	-0.0675	57.83	-0.064	189.2	-0.3755
23.17	-0.045	180.8	-0.0781	57.92	-0.071	186.7	-0.4412
23.20	-0.049	180.1	-0.0781	58.00	-0.073	185	-0.4776
23.23	-0.049	180.1	-0.0879	58.08	-0.073	184.1	-0.4935
23.27	-0.049	179.7	-0.0941	58.17	-0.071	183.6	-0.4953
23.30	-0.05	179.2	-0.1012	58.25	-0.062	184.1	-0.4864
23.33	-0.052	178.7	-0.1065	58.35	-0.056	184.8	-0.4616
23.37	-0.052	178.4	-0.1092	58.42	-0.047	185.9	-0.4216
23.40	-0.051	178.1	-0.1101	58.50	-0.028	188.2	-0.3604
23.43	-0.051	177.8	-0.1101	58.58	-0.013	191.6	-0.2876
23.47	-0.05	177.8	-0.111	58.67	-0.002	194.3	-0.1207
23.50	-0.05	177.7	-0.111	58.75	0.014	197.1	0.016
23.53	-0.049	177.5	-0.1101	58.83	0.03	200.2	0.1811
23.57	-0.046	177.6	-0.1065	58.92	0.041	203	0.3293
23.60	-0.044	177.6	-0.103	59.00	0.055	205.5	0.4722
23.63	-0.041	177.8	-0.0959	59.08	0.07	208	0.6036
23.67	-0.036	178.1	-0.0959	59.17	0.079	210.8	0.6897
23.70	-0.034	178.1	-0.0888	59.25	0.082	212.3	0.7882
23.73	-0.034	178.4	-0.0834	59.33	0.086	213.4	0.822
23.77	-0.031	178.7	-0.0719	59.42	0.086	214.2	0.8379
23.80	-0.023	179.4	-0.0586	59.50	0.084	214.7	0.8397
23.83	-0.02	179.7	-0.047	59.58	0.078	214.8	0.8317
23.88	-0.017	180.2	-0.0382	59.67	0.066	214.4	0.8131
23.92	-0.013	180.6	-0.0266	59.77	0.055	213.6	0.7714
23.93	-0.008	181.2	-0.0098	59.83	0.047	212.5	0.719
23.97	-0.005	181.8	0.0115	59.92	0.031	211	0.6409
24.00	0.004	182.7	0.0115	60.00	0.009	209.1	0.5317
24.03	0.009	183.3	0.0355	60.08	-0.006	205.4	0.4021
24.07	0.009	183.3	0.0533	60.17	-0.018	202.7	0.1678
24.10	0.012	184	0.071	60.25	-0.033	199.4	0.008
24.13	0.019	184.9	0.0923	60.33	-0.046	196	-0.1411
24.17	0.024	185.6	0.1092	60.42	-0.054	193	-0.2548
24.20	0.027	186.2	0.1278	60.50	-0.064	189.8	-0.3551
24.23	0.034	187.2	0.1278	60.58	-0.072	186.3	-0.4234
24.27	0.038	187.9	0.1491	60.67	-0.073	184.9	-0.4669
24.30	0.038	187.9	0.1651	60.75	-0.073	184	-0.4944
24.33	0.04	188.6	0.1811	60.83	-0.07	183.7	-0.4944
24.37	0.046	189.4	0.1997	60.92	-0.064	184.1	-0.4829
24.40	0.05	190.1	0.2166	61.00	-0.057	184.6	-0.4607
24.43	0.052	190.7	0.2299	61.08	-0.045	186.3	-0.4225
24.47	0.056	191.5	0.2299	61.17	-0.027	189.3	-0.363
24.50	0.059	192	0.2441	61.27	-0.019	191.1	-0.2681
24.53	0.059	192	0.2556	61.33	-0.005	193.5	-0.1527
24.57	0.06	192.5	0.2645	61.42	0.012	196.7	-0.0053
24.60	0.061	193.1	0.2725	61.50	0.034	201.2	0.1482
24.63	0.063	193.5	0.2796	61.58	0.046	204	0.3808
24.67	0.063	193.9	0.2832	61.67	0.057	206.3	0.5157
24.70	0.064	194.3	0.2832	61.75	0.07	208.7	0.6382
24.73	0.063	194.6	0.2858	61.83	0.076	210.6	0.719
24.77	0.063	194.6	0.2867	61.92	0.082	212.1	0.7829
24.80	0.063	194.8	0.2876	62.00	0.086	213.4	0.8255
24.83	0.062	195	0.2876	62.08	0.085	214.5	0.8424
24.87	0.06	195.1	0.2858	62.17	0.083	214.9	0.8459

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
24.90	0.058	195.2	0.2814	62.25	0.077	215	0.8353
24.93	0.055	195	0.2761	62.33	0.066	214.5	0.8149
24.97	0.05	195	0.2761	62.42	0.059	213.7	0.782
25.00	0.05	195	0.2707	62.50	0.046	212.8	0.7305
25.03	0.049	194.9	0.2636	62.58	0.025	211.1	0.6435
25.07	0.045	194.5	0.2548	62.68	0.013	208.6	0.5113
25.10	0.039	194.3	0.245	62.75	0.001	206.3	0.3764
25.13	0.037	194.1	0.2343	62.83	-0.015	203.5	0.2175
25.17	0.031	193.5	0.2192	62.92	-0.036	200.3	0.047
25.20	0.025	193	0.2192	63.00	-0.049	195.2	-0.0932
25.23	0.025	193	0.2042	63.08	-0.055	192.3	-0.2787
25.27	0.022	192.7	0.1891	63.17	-0.065	189.4	-0.3755
25.30	0.016	191.8	0.1687	63.25	-0.071	187	-0.442
25.35	0.007	191.2	0.1482	63.33	-0.072	185.4	-0.4767
25.38	0.007	190.8	0.1394	63.42	-0.073	184.3	-0.4953
25.40	0.004	190	0.1207	63.50	-0.069	183.8	-0.498
25.43	-0.005	189.2	0.0994	63.58	-0.062	184.3	-0.49
25.47	-0.007	188.6	0.0826	63.67	-0.056	185	-0.458
25.50	-0.011	187.7	0.0612	63.75	-0.043	186.6	-0.4172
25.53	-0.02	186.7	0.0612	63.83	-0.031	188.8	-0.3488
25.57	-0.022	186.7	0.0382	63.92	-0.02	190.9	-0.2716
25.60	-0.022	186.1	0.0222	64.00	-0.004	193.7	-0.1553
25.63	-0.026	185.1	0.0036	64.08	0.018	198.1	-0.0178
25.67	-0.033	184.2	-0.0169	64.17	0.028	200.6	0.1775
25.70	-0.034	183.6	-0.0302	64.25	0.041	203.2	0.3293
25.73	-0.037	182.7	-0.0462	64.33	0.056	206.1	0.4882
25.77	-0.043	181.9	-0.0462	64.42	0.071	209.3	0.6054
25.80	-0.044	181.9	-0.0621	64.50	0.077	211.2	0.7376
25.83	-0.044	181.3	-0.0728	64.58	0.083	212.6	0.7998
25.87	-0.046	180.6	-0.0843	64.67	0.086	213.8	0.8335
25.90	-0.05	180	-0.0941	64.75	0.086	214.5	0.8477
25.93	-0.05	179.5	-0.1003	64.83	0.083	215	0.8495
25.97	-0.051	179	-0.1056	64.92	0.075	215.1	0.8424
26.00	-0.052	178.6	-0.1056	65.00	0.064	214.5	0.8246
26.03	-0.052	178.6	-0.111	65.08	0.056	213.7	0.7731
26.07	-0.052	178.3	-0.1127	65.17	0.043	212.6	0.7172
26.10	-0.051	178	-0.1136	65.25	0.027	210.9	0.6267
26.13	-0.051	177.8	-0.1136	65.33	0.017	209	0.5228
26.17	-0.05	177.7	-0.1136	65.42	0	206.8	0.3861
26.20	-0.049	177.6	-0.1118	65.50	-0.021	203.8	0.221
26.23	-0.045	177.7	-0.1118	65.60	-0.033	199.6	0.0115
26.27	-0.043	177.7	-0.1074	65.67	-0.042	196.4	-0.1243
26.30	-0.043	177.8	-0.103	65.75	-0.055	193.2	-0.2583
26.33	-0.04	178	-0.0959	65.83	-0.066	190	-0.3613
26.37	-0.034	178.4	-0.0879	65.92	-0.072	186.5	-0.4261
26.40	-0.032	178.6	-0.0817	66.00	-0.073	185.1	-0.4864
26.43	-0.029	179	-0.0701	66.08	-0.073	184.2	-0.5024
26.47	-0.021	179.7	-0.0701	66.17	-0.07	183.9	-0.5024
26.50	-0.018	179.7	-0.055	66.25	-0.066	184	-0.4926
26.53	-0.018	180.1	-0.0435	66.33	-0.057	184.8	-0.4722
26.57	-0.015	180.6	-0.0284	66.42	-0.041	186.3	-0.4323
26.60	-0.007	181.3	-0.008	66.50	-0.028	189.3	-0.3817
26.63	-0.003	181.9	0.008	66.58	-0.017	191.5	-0.2539
26.67	0	182.6	0.0293	66.67	-0.001	194.4	-0.1331
26.70	0.009	183.5	0.0293	66.75	0.014	197.4	0.0115
26.73	0.013	183.5	0.0524	66.83	0.026	200.1	0.1607
26.78	0.014	184.6	0.0799	66.92	0.042	203.1	0.3249
26.82	0.021	185.4	0.0799	67.02	0.061	207.1	0.5397
26.83	0.025	186	0.0994	67.08	0.068	209	0.6249
26.87	0.025	186	0.1172	67.17	0.075	210.7	0.7146
26.90	0.029	186.7	0.1385	67.25	0.083	212.4	0.7864
26.93	0.036	187.8	0.1598	67.33	0.087	214.2	0.8273
26.97	0.04	188.4	0.1749	67.42	0.085	214.8	0.8459

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
27.00	0.042	189.1	0.1926	67.50	0.083	215.2	0.8495
27.03	0.048	189.9	0.1926	67.58	0.076	215.2	0.8397
27.07	0.052	190.6	0.2121	67.67	0.068	214.8	0.8193
27.10	0.052	190.6	0.2263	67.75	0.059	214.3	0.7873
27.13	0.053	191.2	0.2397	67.83	0.044	213	0.7323
27.17	0.057	191.9	0.2548	67.92	0.023	210.5	0.6506
27.20	0.06	192.5	0.2636	68.00	0.013	208.6	0.4962
27.23	0.06	192.9	0.2716	68.08	-0.003	206.3	0.3524
27.27	0.062	193.5	0.2716	68.17	-0.019	203.3	0.1829
27.30	0.063	193.9	0.2787	68.25	-0.029	200.1	0.0302
27.33	0.063	193.9	0.2849	68.33	-0.043	196.9	-0.1234
27.37	0.063	194.3	0.2876	68.42	-0.058	193.4	-0.2565
27.40	0.063	194.6	0.2903	68.52	-0.065	189.5	-0.3781
27.43	0.063	194.8	0.2911	68.58	-0.069	187.3	-0.4394
27.47	0.062	195	0.2911	68.67	-0.073	185.5	-0.4829
27.50	0.061	195.2	0.2911	68.75	-0.073	184.5	-0.5024
27.53	0.059	195.4	0.2911	68.83	-0.069	184	-0.5051
27.57	0.059	195.4	0.2885	68.92	-0.064	184.3	-0.4909
27.60	0.057	195.4	0.2832	69.00	-0.055	185.2	-0.4678
27.63	0.054	195.2	0.2778	69.08	-0.042	186.9	-0.4216
27.67	0.049	195.1	0.2725	69.17	-0.034	188.6	-0.3657
27.70	0.047	195	0.2645	69.25	-0.019	191	-0.2823
27.73	0.043	194.6	0.2556	69.33	0.002	193.7	-0.1695
27.77	0.036	194.3	0.2556	69.42	0.017	198.2	-0.0373
27.80	0.036	194.3	0.2441	69.50	0.029	200.9	0.1962
27.83	0.035	194.1	0.2326	69.58	0.045	203.9	0.3595
27.87	0.03	193.5	0.2184	69.67	0.057	206.6	0.5086
27.90	0.022	193	0.2015	69.75	0.066	208.7	0.6231
27.93	0.02	192.6	0.1855	69.83	0.076	210.7	0.7225
27.97	0.014	191.7	0.1642	69.93	0.083	213	0.8086
28.00	0.006	191	0.1642	70.00	0.086	214.1	0.8406
28.03	0.006	191	0.1429	70.08	0.086	214.9	0.8557
28.07	0.004	190.5	0.126	70.17	0.083	215.3	0.8575
28.10	-0.002	189.5	0.103	70.25	0.074	215.3	0.8495
28.13	-0.009	188.8	0.0826	70.33	0.066	214.9	0.8211
28.17	-0.011	188.1	0.0639	70.42	0.057	214.3	0.7847
28.20	-0.017	187.1	0.0417	70.50	0.041	212.8	0.7217
28.25	-0.022	186.4	0.0284	70.58	0.03	211.2	0.6382
28.28	-0.024	185.8	0.0142	70.67	0.016	209.5	0.5379
28.30	-0.027	184.8	-0.0044	70.75	-0.006	207.1	0.3959
28.33	-0.034	184	-0.0044	70.83	-0.022	202.7	0.2432
28.37	-0.036	184	-0.024	70.92	-0.032	199.6	-0.0027
28.40	-0.036	183.3	-0.0382	71.00	-0.046	196.4	-0.1491
28.43	-0.039	182.5	-0.0541	71.08	-0.057	192.9	-0.2778
28.47	-0.044	181.7	-0.0701	71.17	-0.063	190.1	-0.3657
28.50	-0.045	181.1	-0.0799	71.25	-0.069	187.8	-0.4367
28.53	-0.047	180.4	-0.0897	71.33	-0.073	185.9	-0.4793
28.57	-0.05	179.8	-0.0897	71.43	-0.073	184.4	-0.5042
28.60	-0.051	179.8	-0.0994	71.50	-0.071	184	-0.5051
28.63	-0.051	179.4	-0.1047	71.58	-0.066	184.2	-0.4962
28.67	-0.051	179	-0.1092	71.67	-0.053	185.1	-0.474
28.70	-0.052	178.6	-0.1127	71.75	-0.04	187.4	-0.442
28.73	-0.051	178.3	-0.1145	71.83	-0.032	189.1	-0.3542
28.77	-0.051	178	-0.1154	71.92	-0.016	191.7	-0.2627
28.80	-0.05	177.9	-0.1154	72.00	-0.002	194.5	-0.1438
28.83	-0.049	177.9	-0.1154	72.08	0.011	197.2	-0.008
28.87	-0.049	177.7	-0.1145	72.17	0.028	200.4	0.1607
28.90	-0.048	177.7	-0.1118	72.25	0.048	204.7	0.3204
28.93	-0.043	177.8	-0.1074	72.33	0.059	207.3	0.4616
28.97	-0.041	177.9	-0.1021	72.42	0.068	209.3	0.6489
29.00	-0.039	178.1	-0.095	72.50	0.078	211.3	0.7412
29.03	-0.033	178.6	-0.095	72.58	0.083	212.9	0.7989
29.07	-0.03	178.9	-0.087	72.67	0.085	214	0.837

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
29.10	-0.03	178.9	-0.0781	72.75	0.086	214.8	0.8557
29.13	-0.027	179.3	-0.0666	72.85	0.083	215.5	0.8592
29.17	-0.02	179.9	-0.0524	72.92	0.078	215.6	0.8504
29.20	-0.015	180.4	-0.0391	73.00	0.07	215.4	0.8326
29.23	-0.012	180.9	-0.0249	73.08	0.054	214.6	0.7989
29.27	-0.009	181.6	-0.0062	73.17	0.038	212.8	0.7492
29.30	0	182.4	-0.0062	73.25	0.029	211.1	0.6267
29.33	0.004	182.9	0.0169	73.33	0.013	209.3	0.5131
29.37	0.004	182.9	0.0337	73.42	-0.003	206.7	0.3604
29.40	0.007	183.6	0.055	73.50	-0.015	203.8	0.2024
29.43	0.014	184.6	0.0781	73.58	-0.03	200.8	0.0399
29.47	0.021	185.3	0.0976	73.67	-0.048	197.2	-0.1243
29.50	0.023	185.8	0.1092	73.75	-0.059	192.3	-0.245
29.53	0.026	186.5	0.1305	73.83	-0.064	189.7	-0.3897
29.57	0.033	187.6	0.1536	73.92	-0.07	187.4	-0.4562
29.60	0.039	188.3	0.1536	74.00	-0.073	185.7	-0.4944
29.63	0.039	188.3	0.1722	74.08	-0.073	184.7	-0.5104
29.68	0.043	189.6	0.1979	74.17	-0.071	184.3	-0.5122
29.72	0.049	190.3	0.1979	74.25	-0.063	184.5	-0.5033
29.75	0.049	190.3	0.2157	74.33	-0.054	185.5	-0.4767
29.78	0.051	190.9	0.2308	74.42	-0.047	186.8	-0.4367
29.82	0.054	191.7	0.2459	74.50	-0.033	188.8	-0.3781
29.83	0.058	192.2	0.2601	74.58	-0.013	191.3	-0.2903
29.87	0.059	192.8	0.269	74.67	0.001	195.3	-0.1864
29.90	0.061	193.3	0.269	74.75	0.014	198.1	0.0257
29.93	0.063	193.8	0.2778	74.83	0.03	201.1	0.1873
29.97	0.063	193.8	0.2849	74.92	0.044	204.1	0.3551
30.00	0.063	194.2	0.2894	75.00	0.054	206.6	0.4953
30.03	0.063	194.5	0.292	75.08	0.067	209	0.6222
30.07	0.063	194.9	0.2947	75.17	0.079	211	0.7208
30.10	0.063	195.1	0.2956	75.25	0.084	213.3	0.7864
30.13	0.062	195.3	0.2956	75.33	0.086	214.4	0.8468
30.17	0.061	195.6	0.2956	75.42	0.086	215.2	0.8619
30.20	0.061	195.6	0.2947	75.50	0.083	215.6	0.8619
30.23	0.059	195.6	0.2911	75.58	0.078	215.7	0.8521
30.27	0.055	195.6	0.2867	75.67	0.069	215.4	0.8353
30.30	0.052	195.5	0.2823	75.77	0.056	214.4	0.7909
30.33	0.05	195.4	0.2752	75.83	0.043	213.2	0.7305
30.37	0.045	195.1	0.2752	75.92	0.031	211.9	0.6515
30.40	0.042	195.1	0.2672	76.00	0.015	209.7	0.5397
30.43	0.042	194.9	0.2592	76.08	-0.007	206	0.3968
30.47	0.038	194.6	0.2468	76.17	-0.02	203	0.2406
30.50	0.031	194.1	0.2326	76.25	-0.033	200.1	-0.0044
30.53	0.028	193.7	0.2201	76.33	-0.047	196.5	-0.1616
30.57	0.025	193.2	0.2042	76.42	-0.056	193.2	-0.2823
30.60	0.016	192.5	0.2042	76.50	-0.063	190.5	-0.3746
30.63	0.013	192.5	0.1837	76.58	-0.07	187.9	-0.4474
30.67	0.013	192	0.1669	76.67	-0.073	185.4	-0.4882
30.70	0.009	191.3	0.1447	76.75	-0.073	184.6	-0.5131
30.73	-0.001	190.3	0.1198	76.83	-0.07	184.3	-0.5122
30.77	-0.003	189.7	0.103	76.92	-0.063	184.7	-0.5015
30.80	-0.007	188.9	0.0826	77.00	-0.057	185.6	-0.4793
30.83	-0.015	187.9	0.0826	77.08	-0.047	186.8	-0.442
30.87	-0.018	187.9	0.0577	77.18	-0.028	189.9	-0.3506
30.90	-0.018	187.2	0.0408	77.25	-0.017	192	-0.2725
30.93	-0.022	186.3	0.0204	77.33	-0.005	194.6	-0.1544
30.97	-0.029	185.3	-0.0009	77.42	0.011	197.5	-0.0151
31.00	-0.032	184.6	-0.0169	77.50	0.033	200.6	0.1509
31.03	-0.034	183.8	-0.0337	77.58	0.047	204.9	0.3098
31.07	-0.039	182.9	-0.0337	77.67	0.057	207.5	0.5308
31.10	-0.042	182.9	-0.0515	77.75	0.069	209.6	0.6506
31.15	-0.042	181.7	-0.0728	77.83	0.078	211.5	0.7447
31.18	-0.046	181	-0.0728	77.92	0.082	213.1	0.8069

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
31.20	-0.048	181	-0.0843	78.00	0.085	214.3	0.8468
31.25	-0.048	180.4	-0.0923	78.08	0.085	215.1	0.8654
31.27	-0.049	179.9	-0.1012	78.17	0.082	215.8	0.8699
31.30	-0.051	179.3	-0.1083	78.25	0.077	215.8	0.8557
31.33	-0.052	178.9	-0.1127	78.33	0.067	215.4	0.837
31.37	-0.051	178.6	-0.1154	78.42	0.056	214.6	0.7998
31.40	-0.051	178.3	-0.1154	78.50	0.046	213.6	0.7465
31.43	-0.05	178.3	-0.1163	78.58	0.03	212	0.6631
31.47	-0.05	178.1	-0.1163	78.68	0.012	209.4	0.5175
31.50	-0.05	177.9	-0.1163	78.75	-0.002	206.9	0.3701
31.53	-0.049	177.8	-0.1163	78.83	-0.015	204.4	0.2113
31.57	-0.047	177.8	-0.1118	78.92	-0.031	200.9	0.0391
31.60	-0.044	178	-0.1065	79.00	-0.049	195.9	-0.1163
31.63	-0.038	178.2	-0.1065	79.08	-0.058	192.6	-0.2432
31.67	-0.037	178.2	-0.1003	79.17	-0.064	190	-0.3914
31.70	-0.037	178.4	-0.0941	79.25	-0.071	187.6	-0.4571
31.73	-0.034	178.8	-0.0861	79.33	-0.073	185.9	-0.4935
31.77	-0.027	179.3	-0.0737	79.42	-0.073	184.9	-0.5113
31.80	-0.025	179.6	-0.0639	79.50	-0.071	184.5	-0.5131
31.83	-0.02	180.2	-0.0479	79.58	-0.062	184.9	-0.5042
31.87	-0.013	180.8	-0.0479	79.67	-0.053	186.1	-0.4847
31.90	-0.013	180.8	-0.0311	79.75	-0.044	187.4	-0.427
31.93	-0.01	181.3	-0.0142	79.83	-0.029	189.7	-0.3595
31.97	-0.005	182.2	0.0071	79.92	-0.018	192.1	-0.2698
32.00	0.003	182.8	0.0284	80.00	-0.005	194.6	-0.1571
32.03	0.005	183.4	0.0444	80.10	0.014	198.7	0.0337
32.07	0.01	184.2	0.0657	80.17	0.03	201.6	0.1882
32.10	0.018	185	0.0657	80.25	0.041	204.5	0.3435
32.13	0.018	185	0.0879	80.33	0.055	207	0.4953
32.17	0.02	185.6	0.1065	80.42	0.07	209.4	0.6302
32.20	0.027	186.6	0.1314	80.50	0.079	212.2	0.7217
32.23	0.033	187.4	0.15	80.58	0.083	213.7	0.8202
32.27	0.035	188.1	0.166	80.67	0.086	214.7	0.8557
32.30	0.041	189	0.166	80.75	0.086	215.5	0.8699
32.33	0.046	189.7	0.1873	80.83	0.084	215.9	0.8717
32.37	0.046	189.7	0.205	80.92	0.078	216.1	0.8628
32.40	0.047	190.3	0.221	81.00	0.066	215.7	0.8441
32.43	0.052	191.2	0.2379	81.08	0.052	214.6	0.8157
32.47	0.055	191.7	0.2512	81.17	0.044	213.4	0.7323
32.50	0.057	192.3	0.2645	81.25	0.028	211.8	0.6462
32.53	0.06	193	0.2645	81.33	0.013	209.8	0.5273
32.57	0.062	193.5	0.2761	81.42	0.001	207.5	0.3879
32.62	0.062	193.9	0.2894	81.50	-0.016	204.6	0.2192
32.63	0.063	194.3	0.2894	81.60	-0.032	200.4	0.0151
32.67	0.063	194.7	0.2938	81.67	-0.046	196.9	-0.1473
32.70	0.063	194.7	0.2974	81.75	-0.054	193.8	-0.2707
32.73	0.063	195	0.2991	81.83	-0.064	190.7	-0.3719
32.77	0.063	195.2	0.3009	81.92	-0.072	187.2	-0.4429
32.80	0.062	195.5	0.3009	82.00	-0.073	185.7	-0.4882
32.83	0.062	195.7	0.3009	82.08	-0.073	184.9	-0.5131
32.87	0.06	195.8	0.2991	82.17	-0.07	184.5	-0.5139
32.90	0.058	195.9	0.2947	82.25	-0.064	184.9	-0.5024
32.93	0.054	195.8	0.2947	82.33	-0.057	185.5	-0.4802
32.97	0.051	195.7	0.2894	82.42	-0.045	187.2	-0.4429
33.00	0.049	195.7	0.2849	82.50	-0.026	190.3	-0.3817
33.03	0.046	195.6	0.2787	82.58	-0.015	192.8	-0.3053
33.07	0.046	195.4	0.2716	82.67	-0.002	195.3	-0.1314
33.10	0.042	195	0.2619	82.75	0.015	198.5	0.0231
33.13	0.035	194.7	0.2485	82.83	0.028	201.5	0.1873
33.17	0.033	194.4	0.2352	82.92	0.042	204.2	0.3373
33.20	0.027	193.7	0.2184	83.02	0.058	207.9	0.5406
33.23	0.02	193.1	0.2184	83.08	0.069	210.1	0.6524
33.27	0.02	193.1	0.2006	83.17	0.075	211.9	0.7403

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
33.30	0.017	192.7	0.1855	83.25	0.082	213.4	0.8086
33.33	0.012	191.9	0.1633	83.33	0.086	214.7	0.8504
33.37	0.004	191.2	0.1402	83.42	0.085	215.8	0.869
33.40	0.001	190.6	0.1269	83.50	0.083	216.1	0.8726
33.43	-0.002	189.9	0.103	83.58	0.077	216.2	0.8619
33.47	-0.011	188.8	0.103	83.67	0.066	215.7	0.8406
33.50	-0.015	188.8	0.0772	83.75	0.059	215	0.8086
33.53	-0.015	188.1	0.0595	83.83	0.046	214	0.7554
33.57	-0.018	187.4	0.0399	83.92	0.025	212.3	0.6657
33.60	-0.024	186.2	0.016	84.00	0.01	209.4	0.5699
33.63	-0.029	185.4	-0.0027	84.08	-0.002	206.9	0.3542
33.67	-0.031	184.8	-0.016	84.17	-0.018	204.1	0.1846
33.70	-0.034	183.9	-0.0337	84.25	-0.033	200.7	0.0098
33.73	-0.04	183	-0.0337	84.33	-0.042	197.5	-0.1305
33.77	-0.042	182.4	-0.0524	84.42	-0.055	194.2	-0.2645
33.80	-0.042	182.4	-0.0639	84.50	-0.065	190.2	-0.3888
33.83	-0.043	181.8	-0.0772	84.58	-0.071	187.8	-0.4571
33.87	-0.047	180.9	-0.0897	84.67	-0.072	186.2	-0.4944
33.90	-0.05	180.3	-0.0994	84.75	-0.073	185.1	-0.5139
33.93	-0.05	179.9	-0.1065	84.83	-0.069	184.7	-0.5166
33.97	-0.051	179.4	-0.1065	84.92	-0.062	185.1	-0.5086
34.00	-0.052	179	-0.1118	85.00	-0.056	185.9	-0.4758
34.05	-0.051	178.7	-0.1181	85.08	-0.043	187.6	-0.4349
34.08	-0.051	178.4	-0.1181	85.17	-0.031	189.7	-0.3666
34.10	-0.051	178.1	-0.1189	85.25	-0.02	191.8	-0.2858
34.15	-0.051	178.1	-0.1189	85.33	-0.004	194.8	-0.1642
34.17	-0.05	178	-0.1189	85.42	0.018	199.2	-0.024
34.20	-0.049	177.8	-0.1189	85.50	0.032	202.3	0.1331
34.23	-0.046	177.9	-0.1154	85.58	0.044	204.9	0.3755
34.27	-0.044	178	-0.1092	85.67	0.059	207.7	0.5361
34.30	-0.04	178.3	-0.1092	85.75	0.068	209.9	0.6524
34.33	-0.036	178.6	-0.103	85.83	0.075	211.7	0.743
34.37	-0.036	178.6	-0.0968	85.93	0.083	214	0.8291
34.40	-0.034	178.8	-0.0879	86.00	0.086	215.1	0.8619
34.43	-0.028	179.3	-0.0781	86.08	0.086	215.8	0.8743
34.47	-0.024	179.7	-0.0657	86.17	0.084	216.3	0.8761
34.50	-0.021	180.1	-0.0515	86.25	0.078	216.3	0.8681
34.53	-0.013	180.9	-0.0515	86.33	0.064	215.7	0.8495
34.57	-0.01	181.4	-0.032	86.42	0.055	214.8	0.7962
34.60	-0.01	181.4	-0.0186	86.50	0.043	213.8	0.7385
34.63	-0.006	182	0.0009	86.58	0.026	211.9	0.6444
34.67	0.002	182.9	0.024	86.67	0.015	209.9	0.5308
34.70	0.006	183.5	0.0426	86.75	0	207.8	0.3932
34.73	0.009	184.1	0.063	86.83	-0.021	204.9	0.2272
34.77	0.018	185.1	0.063	86.92	-0.036	200	0.0657
34.80	0.021	185.1	0.087	87.00	-0.045	196.7	-0.1669
34.83	0.021	185.8	0.1047	87.08	-0.057	193.4	-0.2947
34.87	0.024	186.5	0.126	87.17	-0.066	190.4	-0.395
34.90	0.033	187.5	0.1491	87.25	-0.069	188.2	-0.4562
34.93	0.036	188.2	0.1669	87.35	-0.073	185.8	-0.5095
34.97	0.039	188.9	0.1846	87.42	-0.073	184.9	-0.5219
35.00	0.045	189.8	0.1846	87.50	-0.07	184.6	-0.5228
35.03	0.048	189.8	0.2068	87.58	-0.066	184.9	-0.5113
35.07	0.048	190.4	0.2219	87.67	-0.057	185.6	-0.4918
35.10	0.05	191.1	0.237	87.75	-0.041	187.3	-0.4509
35.13	0.055	191.8	0.2548	87.83	-0.027	190.3	-0.3968
35.17	0.057	192.4	0.2663	87.92	-0.017	192.6	-0.2681
35.20	0.059	193	0.2761	88.00	-0.001	195.4	-0.1456
35.23	0.061	193.6	0.2761	88.08	0.014	198.4	0.0044
35.27	0.062	193.6	0.2858	88.17	0.026	201.3	0.1616
35.30	0.062	194	0.292	88.25	0.042	204.3	0.332
35.33	0.063	194.4	0.2974	88.33	0.061	207.1	0.4971
35.37	0.063	194.8	0.3018	88.42	0.07	210.4	0.6142

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
35.40	0.063	195.1	0.3036	88.50	0.077	212.2	0.7598
35.43	0.063	195.4	0.3045	88.58	0.083	213.7	0.822
35.47	0.062	195.6	0.3045	88.67	0.086	214.9	0.8592
35.52	0.061	195.8	0.3045	88.75	0.086	215.7	0.8743
35.55	0.06	196	0.3018	88.85	0.083	216.4	0.8761
35.58	0.057	195.9	0.3018	88.92	0.076	216.4	0.8672
35.62	0.054	195.9	0.2974	89.00	0.068	215.9	0.8441
35.63	0.054	195.9	0.2938	89.08	0.059	215.4	0.8131
35.67	0.052	195.8	0.2867	89.17	0.044	214.1	0.7554
35.70	0.046	195.6	0.2796	89.25	0.023	211.6	0.6693
35.73	0.043	195.4	0.2716	89.33	0.012	209.5	0.4997
35.77	0.041	195.1	0.261	89.42	-0.003	207.3	0.3533
35.80	0.033	194.6	0.261	89.50	-0.02	204	0.1704
35.83	0.03	194.6	0.2468	89.58	-0.031	200.8	0.0062
35.87	0.03	194.3	0.2352	89.67	-0.043	197.8	-0.1358
35.90	0.027	193.8	0.2184	89.75	-0.058	194.2	-0.2716
35.93	0.019	193.1	0.1979	89.83	-0.067	189.9	-0.3675
35.97	0.015	192.6	0.1811	89.92	-0.07	187.7	-0.4731
36.00	0.011	191.9	0.1607	90.00	-0.073	186.1	-0.5104
36.03	0.002	191	0.1607	90.08	-0.073	185.2	-0.5255
36.07	-0.002	191	0.1349	90.17	-0.071	184.8	-0.5273
36.10	-0.002	190.4	0.1172	90.27	-0.064	185	-0.5139
36.13	-0.005	189.6	0.0959	90.33	-0.056	185.9	-0.4909
36.17	-0.013	188.6	0.071	90.42	-0.042	187.8	-0.4447
36.20	-0.016	187.9	0.0533	90.50	-0.034	189.6	-0.3852
36.23	-0.02	187.1	0.0311	90.58	-0.019	191.9	-0.3
36.27	-0.027	186	0.0311	90.67	0.002	194.7	-0.182
36.30	-0.03	186	0.0062	90.75	0.017	199.2	-0.0488
36.33	-0.03	185.2	-0.0098	90.83	0.029	202.1	0.1971
36.37	-0.032	184.5	-0.0275	90.92	0.045	205	0.3648
36.40	-0.038	183.5	-0.0462	91.00	0.058	207.7	0.5264
36.43	-0.041	182.8	-0.0604	91.08	0.066	209.9	0.6391
36.47	-0.043	182.1	-0.0737	91.17	0.076	211.8	0.7385
36.50	-0.046	181.3	-0.0737	91.25	0.084	213.5	0.8104
36.53	-0.048	181.3	-0.087	91.33	0.086	215.2	0.8504
36.57	-0.048	180.8	-0.0968	91.42	0.086	215.9	0.8761
36.60	-0.049	180.2	-0.1039	91.50	0.083	216.3	0.8761
36.63	-0.051	179.7	-0.111	91.58	0.077	216.4	0.8663
36.67	-0.052	179.2	-0.1163	91.67	0.07	216.2	0.8477
36.70	-0.052	178.9	-0.1189	91.77	0.056	215.2	0.8015
36.73	-0.051	178.7	-0.1189	91.83	0.041	213.9	0.7412
36.77	-0.051	178.4	-0.1198	91.92	0.029	212.2	0.6515
36.80	-0.051	178.4	-0.1207	92.00	0.016	210.5	0.5432
36.83	-0.05	178.2	-0.1207	92.08	-0.001	207.9	0.3897
36.87	-0.049	178.1	-0.1189	92.17	-0.023	203.4	0.2237
36.90	-0.046	178.1	-0.1163	92.25	-0.034	200.2	0.0612
36.95	-0.044	178.2	-0.1127	92.33	-0.045	197.1	-0.174
36.98	-0.042	178.2	-0.1092	92.42	-0.057	193.5	-0.3053
37.00	-0.038	178.5	-0.103	92.50	-0.064	190.6	-0.3986
37.03	-0.036	178.7	-0.0932	92.58	-0.069	188.4	-0.4651
37.07	-0.031	179.3	-0.0932	92.67	-0.073	186.4	-0.5086
37.10	-0.026	179.7	-0.0834	92.75	-0.072	185.1	-0.5273
37.13	-0.026	179.7	-0.0728	92.83	-0.07	184.8	-0.529
37.17	-0.023	180	-0.0586	92.92	-0.064	185.1	-0.5184
37.20	-0.017	180.8	-0.0408	93.00	-0.054	186.2	-0.4926
37.23	-0.011	181.3	-0.0249	93.08	-0.047	187.7	-0.4545
37.27	-0.008	181.8	-0.0089	93.18	-0.029	190.4	-0.3693
37.30	-0.002	182.7	0.0133	93.25	-0.017	192.5	-0.2867
37.33	0.005	183.4	0.0133	93.33	-0.002	195.4	-0.1589
37.37	0.005	183.4	0.0346	93.42	0.01	198.5	-0.0142
37.40	0.007	184	0.0541	93.50	0.027	201.4	0.15
37.43	0.014	184.9	0.0781	93.58	0.047	204.4	0.3258
37.47	0.02	185.6	0.0985	93.67	0.06	208.4	0.4722

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
37.50	0.023	186.3	0.1181	93.75	0.068	210.5	0.664
37.53	0.029	187.3	0.1402	93.83	0.077	212.3	0.758
37.57	0.035	188.1	0.1402	93.92	0.083	214	0.8228
37.60	0.035	188.1	0.1616	94.00	0.086	215	0.861
37.63	0.037	188.7	0.1784	94.08	0.086	215.9	0.8788
37.67	0.042	189.6	0.1997	94.17	0.082	216.5	0.8814
37.70	0.048	190.3	0.2201	94.25	0.075	216.5	0.8743
37.73	0.049	190.9	0.2334	94.33	0.068	216.1	0.8459
37.77	0.052	191.7	0.2485	94.42	0.055	215.3	0.8104
37.80	0.057	192.4	0.2485	94.50	0.043	214	0.7474
37.83	0.058	192.4	0.2645	94.58	0.032	212.7	0.6675
37.87	0.058	192.9	0.2752	94.68	0.014	210.1	0.5193
37.90	0.06	193.5	0.2849	94.75	-0.004	207.4	0.3604
37.93	0.062	194	0.2938	94.83	-0.017	204.5	0.1864
37.97	0.063	194.4	0.2991	94.92	-0.03	201.5	0.0222
38.00	0.063	194.8	0.3045	95.00	-0.044	197.8	-0.1411
38.03	0.064	195.1	0.3045	95.08	-0.059	192.9	-0.2698
38.07	0.063	195.1	0.3071	95.17	-0.065	190.1	-0.3728
38.10	0.063	195.4	0.308	95.25	-0.07	188	-0.4793
38.13	0.062	195.7	0.308	95.33	-0.073	186.2	-0.5175
38.17	0.062	195.9	0.308	95.42	-0.073	185.3	-0.5326
38.20	0.06	196	0.3062	95.50	-0.071	184.9	-0.5344
38.23	0.058	196	0.3027	95.58	-0.063	185.1	-0.5193
38.27	0.054	196	0.3027	95.67	-0.052	186.6	-0.4989
38.30	0.052	196	0.2974	95.75	-0.044	188.2	-0.4403
38.33	0.052	195.9	0.292	95.83	-0.031	190.1	-0.3755
38.37	0.049	195.7	0.284	95.92	-0.016	192.7	-0.2787
38.42	0.042	195.4	0.2752	96.00	-0.005	195.4	-0.166
38.45	0.042	195.4	0.269	96.10	0.014	199.5	0.0284
38.47	0.039	194.9	0.2583	96.17	0.029	202.2	0.1855
38.50	0.03	194.5	0.2432	96.25	0.044	205.2	0.3648
38.53	0.029	194.2	0.2317	96.33	0.054	207.8	0.5113
38.57	0.024	193.5	0.213	96.42	0.067	210.1	0.6444
38.60	0.015	192.9	0.213	96.50	0.079	212.1	0.7438
38.63	0.013	192.9	0.1908	96.58	0.084	214.3	0.8104
38.67	0.013	192.4	0.1749	96.67	0.086	215.4	0.8699
38.70	0.009	191.6	0.1518	96.75	0.086	216.1	0.8841
38.73	-0.001	190.7	0.126	96.83	0.083	216.6	0.885
38.77	-0.003	190.1	0.1101	96.92	0.078	216.7	0.8752
38.80	-0.007	189.3	0.087	97.00	0.069	216.3	0.8575
38.83	-0.016	188.3	0.087	97.08	0.053	215.2	0.822
38.87	-0.018	188.3	0.0612	97.17	0.04	213.8	0.7749
38.90	-0.018	187.6	0.0435	97.25	0.029	212.4	0.648
38.93	-0.022	186.6	0.0222	97.33	0.012	210.2	0.5255
38.97	-0.029	185.7	-0.0018	97.42	-0.002	207.6	0.3701
39.00	-0.032	185	-0.0178	97.52	-0.022	203.6	0.2068
39.03	-0.034	184.2	-0.0355	97.58	-0.032	201	0.0018
39.07	-0.04	183.2	-0.0355	97.67	-0.047	197.1	-0.174
39.10	-0.042	183.2	-0.0541	97.75	-0.055	193.9	-0.2947
39.13	-0.042	182.6	-0.0675	97.83	-0.063	191.1	-0.3932
39.17	-0.043	181.9	-0.0808	97.92	-0.07	188.4	-0.4687
39.20	-0.048	181.1	-0.0932	98.00	-0.074	186	-0.5086
39.23	-0.049	180.6	-0.1021	98.08	-0.073	185.2	-0.5352
39.27	-0.05	180.1	-0.1101	98.17	-0.07	184.9	-0.5344
39.30	-0.051	179.5	-0.1101	98.25	-0.063	185.3	-0.5228
39.33	-0.052	179.5	-0.1163	98.33	-0.057	186.2	-0.4997
39.37	-0.052	179.2	-0.1198	98.42	-0.047	187.5	-0.4642
39.40	-0.051	178.9	-0.1216	98.50	-0.028	189.7	-0.3977
39.43	-0.051	178.6	-0.1225	98.58	-0.013	193.3	-0.3169
39.47	-0.05	178.4	-0.1225	98.67	-0.002	196.1	-0.1438
39.50	-0.05	178.2	-0.1225	98.75	0.014	199	0.0071
39.53	-0.048	178.2	-0.1225	98.83	0.03	202.1	0.1811
39.57	-0.045	178.2	-0.1198	98.92	0.041	205	0.3444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
39.60	-0.045	178.2	-0.1163	99.02	0.057	208.6	0.5432
39.63	-0.043	178.4	-0.1101	99.08	0.068	210.7	0.6586
39.67	-0.037	178.7	-0.103	99.17	0.078	212.7	0.7616
39.70	-0.035	178.9	-0.0968	99.25	0.082	214.2	0.822
39.73	-0.033	179.2	-0.087	99.33	0.085	215.3	0.861
39.77	-0.026	179.8	-0.087	99.42	0.086	216.1	0.8841
39.80	-0.022	180.2	-0.0737	99.50	0.081	216.7	0.8868
39.85	-0.019	180.6	-0.0524	99.58	0.077	216.7	0.8726
39.88	-0.015	181.1	-0.0524	99.67	0.068	216.4	0.853
39.90	-0.01	181.6	-0.0408	99.75	0.054	215.5	0.8131
39.93	-0.01	181.6	-0.024	99.83	0.047	214.4	0.7589
39.97	-0.006	182.2	-0.0009	99.92	0.031	212.9	0.6764
40.00	0.001	183.2	0.0249	100.00	0.009	210.9	0.561
40.03	0.007	183.8	0.0444	100.08	-0.006	207.2	0.4225
40.07	0.009	184.4	0.063	100.17	-0.017	204.5	0.1713
40.10	0.017	185.4	0.063	100.25	-0.033	201.1	-0.0044
40.13	0.022	186.1	0.0879	100.33	-0.045	197.6	-0.1616
40.17	0.022	186.1	0.1074	100.43	-0.058	193.1	-0.2858
40.20	0.025	186.8	0.1287	100.50	-0.064	190.5	-0.4119
40.23	0.031	187.8	0.1518	100.58	-0.071	188	-0.4838
40.27	0.037	188.5	0.1713	100.67	-0.073	186.4	-0.5184
40.30	0.039	189.2	0.1891	100.75	-0.073	185.4	-0.5352
40.33	0.044	190.1	0.1891	100.83	-0.071	185	-0.5379
40.37	0.049	190.8	0.2104	100.92	-0.062	185.5	-0.5281
40.40	0.049	190.8	0.2281	101.00	-0.053	186.6	-0.5086
40.43	0.051	191.4	0.2432	101.08	-0.045	187.9	-0.4527
40.47	0.054	192.2	0.2601	101.17	-0.03	190.3	-0.3817
40.50	0.058	192.7	0.2734	101.25	-0.018	192.8	-0.2876
40.53	0.059	193.3	0.2832	101.33	-0.005	195.3	-0.1731
40.57	0.061	193.9	0.2832	101.42	0.012	198.5	-0.0222
40.60	0.063	194.3	0.2929	101.50	0.034	203	0.1456
40.63	0.063	194.3	0.3	101.58	0.046	205.9	0.4003
40.67	0.063	194.7	0.3045	101.67	0.057	208.3	0.5406
40.70	0.063	195.1	0.308	101.75	0.069	210.6	0.6666
40.73	0.063	195.4	0.3107	101.83	0.076	212.6	0.7589
40.77	0.063	195.7	0.3116	101.93	0.083	214.6	0.8379
40.80	0.062	195.9	0.3116	102.00	0.086	215.6	0.8699
40.83	0.061	196.1	0.3116	102.08	0.086	216.4	0.8859
40.87	0.059	196.1	0.3107	102.17	0.084	216.8	0.8868
40.90	0.059	196.2	0.3071	102.25	0.078	216.9	0.8779
40.93	0.057	196.1	0.3036	102.33	0.066	216.5	0.8583
40.97	0.052	196.1	0.2982	102.42	0.052	215.3	0.8291
41.00	0.05	196	0.292	102.50	0.043	214.1	0.743
41.03	0.047	195.7	0.284	102.58	0.028	212.6	0.656
41.07	0.041	195.4	0.284	102.67	0.013	210.4	0.5335
41.10	0.039	195.4	0.2743	102.75	0.001	208.1	0.3888
41.13	0.039	195.2	0.2645	102.83	-0.015	205.4	0.2175
41.17	0.034	194.7	0.2503	102.92	-0.036	202	0.0382
41.20	0.027	194.2	0.2334	103.00	-0.048	196.9	-0.1127
41.23	0.024	193.8	0.2192	103.08	-0.056	193.7	-0.3142
41.27	0.02	193.1	0.1997	103.17	-0.065	190.8	-0.4119
41.32	0.015	192.7	0.1864	103.25	-0.071	188.4	-0.4793
41.35	0.011	192.2	0.1687	103.35	-0.073	186.1	-0.5184
41.37	0.006	191.3	0.1438	103.42	-0.073	185.2	-0.5415
41.40	-0.003	190.5	0.1438	103.50	-0.07	185	-0.5406
41.43	-0.005	190.5	0.1181	103.58	-0.064	185.4	-0.529
41.47	-0.005	189.9	0.1012	103.67	-0.058	186	-0.5068
41.50	-0.009	189	0.0781	103.75	-0.045	187.8	-0.4678
41.53	-0.018	188.1	0.0533	103.83	-0.027	190.8	-0.4039
41.57	-0.02	187.4	0.0355	103.92	-0.015	193.4	-0.3231
41.60	-0.024	186.3	0.0124	104.00	-0.002	196	-0.1465
41.63	-0.031	185.4	0.0124	104.08	0.015	199.2	0.0115
41.67	-0.033	185.4	-0.0107	104.17	0.028	202.3	0.1811

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
41.70	-0.033	184.7	-0.0257	104.25	0.041	205	0.3462
41.73	-0.035	183.9	-0.0426	104.33	0.056	207.9	0.5122
41.77	-0.041	183	-0.0621	104.42	0.072	211.2	0.6382
41.80	-0.043	182.3	-0.0754	104.50	0.077	213	0.774
41.83	-0.045	181.7	-0.087	104.58	0.082	214.4	0.8326
41.87	-0.048	180.9	-0.087	104.67	0.087	215.6	0.8743
41.90	-0.05	180.9	-0.0994	104.75	0.086	216.3	0.8885
41.93	-0.05	180.4	-0.1065	104.85	0.083	216.9	0.8894
41.97	-0.05	180	-0.1127	104.92	0.077	217	0.8797
42.00	-0.051	179.5	-0.1181	105.00	0.066	216.5	0.8575
42.03	-0.052	179.1	-0.1216	105.08	0.059	215.7	0.8237
42.07	-0.051	178.9	-0.1234	105.17	0.046	214.7	0.7705
42.10	-0.051	178.6	-0.1234	105.25	0.025	213.1	0.6799
42.13	-0.05	178.4	-0.1234	105.33	0.009	210.1	0.5752
42.17	-0.05	178.4	-0.1234	105.42	-0.002	207.7	0.3559
42.20	-0.049	178.2	-0.1225	105.50	-0.018	204.8	0.1855
42.23	-0.047	178.4	-0.1189	105.58	-0.033	201.4	0.0027
42.27	-0.044	178.4	-0.1154	105.67	-0.042	198.1	-0.1482
42.30	-0.041	178.6	-0.1083	105.75	-0.055	194.6	-0.2885
42.33	-0.037	179	-0.1083	105.83	-0.066	191.5	-0.3897
42.37	-0.033	179.2	-0.1012	105.92	-0.072	188	-0.4625
42.40	-0.033	179.2	-0.0932	106.00	-0.073	186.5	-0.5255
42.43	-0.031	179.5	-0.0834	106.08	-0.073	185.5	-0.5397
42.47	-0.024	180.1	-0.0701	106.17	-0.07	185.2	-0.5406
42.50	-0.019	180.6	-0.0568	106.27	-0.062	185.6	-0.5299
42.53	-0.017	181	-0.0417	106.33	-0.056	186.3	-0.5006
42.57	-0.01	181.8	-0.0417	106.42	-0.043	188.2	-0.4571
42.60	-0.004	182.4	-0.0213	106.50	-0.032	190.3	-0.3897
42.63	-0.004	182.4	-0.0027	106.58	-0.02	192.4	-0.3045
42.67	-0.002	183	0.0151	106.67	-0.004	195.5	-0.182
42.70	0.005	183.9	0.0408	106.75	0.019	200	-0.0346
42.73	0.011	184.6	0.0612	106.83	0.032	203	0.1278
42.78	0.014	185.2	0.0754	106.92	0.044	205.7	0.379
42.82	0.017	185.8	0.0914	107.00	0.059	208.5	0.5415
42.83	0.023	186.6	0.1145	107.08	0.068	210.7	0.6648
42.87	0.027	187.3	0.1376	107.17	0.075	212.5	0.7572
42.90	0.033	188.4	0.1633	107.25	0.083	214.2	0.8246
42.93	0.039	189.1	0.1633	107.33	0.086	215.8	0.8663
42.97	0.039	189.1	0.1837	107.42	0.085	216.5	0.8894
43.00	0.041	189.7	0.2006	107.50	0.083	217	0.8894
43.03	0.045	190.6	0.221	107.58	0.076	216.9	0.8797
43.07	0.051	191.3	0.2397	107.68	0.065	216.5	0.8583
43.10	0.052	191.9	0.2548	107.75	0.056	215.6	0.8157
43.13	0.055	192.6	0.269	107.83	0.043	214.5	0.7572
43.17	0.059	193.2	0.269	107.92	0.027	212.7	0.6604
43.20	0.06	193.2	0.2814	108.00	0.017	210.8	0.5512
43.23	0.06	193.7	0.2903	108.08	0	208.5	0.4012
43.27	0.061	194.2	0.2982	108.17	-0.021	205.6	0.2246
43.30	0.063	194.7	0.3053	108.25	-0.036	200.7	0.0604
43.33	0.063	195.1	0.3098	108.33	-0.045	197.3	-0.1811
43.37	0.063	195.4	0.3124	108.42	-0.057	194.1	-0.3133
43.40	0.063	195.8	0.3124	108.50	-0.065	191	-0.4119
43.43	0.063	195.8	0.3142	108.58	-0.069	188.7	-0.4776
43.47	0.063	196	0.3151	108.67	-0.073	186.9	-0.521
43.50	0.062	196.2	0.3151	108.75	-0.072	185.8	-0.5397
43.53	0.061	196.4	0.3142	108.83	-0.069	185.2	-0.5432
43.57	0.058	196.4	0.3098	108.92	-0.064	185.7	-0.5281
43.60	0.056	196.3	0.3045	109.00	-0.055	186.5	-0.5051
43.63	0.051	196.2	0.3045	109.08	-0.042	188.3	-0.4589
43.67	0.049	196.2	0.2991	109.18	-0.029	190.7	-0.4128
43.70	0.049	196.2	0.2929	109.25	-0.018	193.2	-0.2849
43.73	0.046	195.8	0.2832	109.33	-0.001	196.1	-0.1571
43.77	0.038	195.5	0.2725	109.42	0.014	199.2	-0.0018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
43.80	0.036	195.2	0.2627	109.50	0.026	202.2	0.1616
43.83	0.033	194.7	0.2477	109.58	0.042	205.2	0.3391
43.87	0.024	194.2	0.2477	109.67	0.06	207.8	0.5024
43.90	0.022	194.2	0.229	109.75	0.071	211.3	0.6311
43.93	0.022	193.8	0.2148	109.83	0.076	213.1	0.7749
43.97	0.018	193.1	0.1935	109.92	0.083	214.6	0.8379
44.00	0.009	192.3	0.1695	110.00	0.086	215.7	0.8752
44.03	0.006	191.8	0.1509	110.08	0.086	216.5	0.893
44.07	0.002	190.9	0.1278	110.17	0.083	217	0.8947
44.10	-0.007	190	0.1278	110.25	0.075	217	0.8876
44.13	-0.01	190	0.1021	110.33	0.066	216.5	0.8708
44.17	-0.01	189.4	0.0843	110.42	0.057	215.9	0.8193
44.22	-0.019	187.8	0.0612	110.50	0.042	214.5	0.7572
44.25	-0.022	187.8	0.0462	110.60	0.024	212.3	0.664
44.27	-0.022	187.1	0.0284	110.67	0.012	210.1	0.5148
44.30	-0.025	186.2	0.0053	110.75	-0.003	207.9	0.3604
44.33	-0.032	185.1	-0.0186	110.83	-0.02	204.7	0.1731
44.37	-0.035	184.4	-0.0346	110.92	-0.031	201.4	0.0036
44.40	-0.037	183.7	-0.0506	111.00	-0.043	198.3	-0.1465
44.43	-0.042	182.8	-0.0506	111.08	-0.058	194.8	-0.284
44.47	-0.044	182.8	-0.0675	111.17	-0.067	190.4	-0.3826
44.50	-0.044	182.1	-0.0817	111.25	-0.07	188.3	-0.4882
44.53	-0.046	181.5	-0.0923	111.33	-0.073	186.6	-0.5273
44.57	-0.049	180.8	-0.103	111.42	-0.073	185.7	-0.5415
44.60	-0.05	180.3	-0.111	111.50	-0.071	185.3	-0.5423
44.63	-0.051	179.9	-0.1163	111.58	-0.066	185.4	-0.5344
44.67	-0.051	179.5	-0.1163	111.67	-0.053	186.4	-0.5131
44.70	-0.052	179.1	-0.1207	111.75	-0.04	188.8	-0.4758
44.73	-0.052	179.1	-0.1234	111.83	-0.032	190.7	-0.3835
44.77	-0.051	178.9	-0.1252	111.92	-0.016	193.2	-0.2894
44.80	-0.05	178.7	-0.1252	112.00	-0.002	196.1	-0.1633
44.83	-0.05	178.5	-0.1252	112.10	0.016	200.1	-0.0453
44.87	-0.049	178.3	-0.1225	112.17	0.029	202.9	0.1979
44.90	-0.045	178.5	-0.1225	112.25	0.045	205.9	0.3755
44.93	-0.042	178.6	-0.1181	112.33	0.057	208.6	0.5361
44.97	-0.042	178.6	-0.1136	112.42	0.066	210.7	0.6577
45.00	-0.04	178.8	-0.1065	112.50	0.076	212.8	0.7625
45.03	-0.035	179.2	-0.0985	112.58	0.084	215	0.8282
45.07	-0.031	179.5	-0.0905	112.67	0.086	216	0.8708
45.10	-0.029	179.7	-0.0799	112.75	0.086	216.8	0.8983
45.13	-0.023	180.4	-0.0799	112.83	0.083	217.1	0.8983
45.17	-0.017	180.9	-0.0648	112.92	0.077	217.1	0.8876
45.20	-0.017	180.9	-0.0497	113.00	0.07	217	0.8681
45.23	-0.015	181.4	-0.0337	113.08	0.057	216.1	0.8362
45.27	-0.008	182.2	-0.0133	113.17	0.038	214.3	0.7793
45.30	-0.002	182.8	0.0053	113.25	0.027	212.5	0.6453
45.33	0.001	183.4	0.0249	113.33	0.013	210.7	0.5281
45.37	0.007	184.3	0.0506	113.42	-0.004	208	0.363
45.40	0.014	185	0.0506	113.52	-0.022	203.9	0.1917
45.43	0.014	185	0.0719	113.58	-0.032	201	-0.0107
45.47	0.016	185.7	0.0923	113.67	-0.045	197.7	-0.1695
45.50	0.023	186.7	0.1172	113.75	-0.058	194.1	-0.3116
45.53	0.028	187.5	0.1385	113.83	-0.063	191.3	-0.4012
45.57	0.031	188.1	0.1589	113.92	-0.069	188.9	-0.474
45.60	0.037	189.1	0.1829	114.00	-0.073	187.1	-0.5184
45.63	0.042	189.8	0.1829	114.08	-0.072	185.6	-0.537
45.68	0.043	190.4	0.2148	114.17	-0.07	185.4	-0.5415
45.72	0.047	191.2	0.2308	114.25	-0.064	185.6	-0.529
45.73	0.052	191.8	0.2308	114.33	-0.054	186.8	-0.5042
45.77	0.052	191.8	0.2485	114.42	-0.047	188.3	-0.4651
45.80	0.053	192.4	0.2627	114.50	-0.034	190.1	-0.4039
45.83	0.056	193.1	0.2778	114.58	-0.013	192.7	-0.3107
45.87	0.06	193.7	0.2903	114.67	0.001	196.8	-0.2033

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
45.90	0.06	194.2	0.2982	114.75	0.013	199.8	0.0195
45.93	0.062	194.7	0.3053	114.83	0.03	202.8	0.1944
45.97	0.063	195.1	0.3053	114.92	0.045	205.8	0.3746
46.00	0.063	195.1	0.3116	115.02	0.06	209.3	0.4944
46.03	0.063	195.5	0.3151	115.08	0.068	211.5	0.6817
46.07	0.063	195.8	0.3178	115.17	0.077	213.3	0.7793
46.10	0.063	196.1	0.3187	115.25	0.083	214.8	0.8433
46.13	0.062	196.3	0.3187	115.33	0.085	215.9	0.8797
46.17	0.061	196.5	0.3178	115.42	0.086	216.7	0.8992
46.20	0.059	196.6	0.3178	115.50	0.082	217.3	0.9018
46.23	0.057	196.6	0.316	115.58	0.074	217.2	0.8939
46.27	0.057	196.6	0.3116	115.67	0.068	217	0.8654
46.30	0.055	196.5	0.3062	115.75	0.056	216.1	0.8291
46.33	0.049	196.3	0.2991	115.83	0.043	214.8	0.766
46.37	0.047	196.3	0.2929	115.92	0.032	213.4	0.6826
46.40	0.044	195.9	0.2832	116.00	0.015	211.3	0.5654
46.43	0.037	195.6	0.2832	116.08	-0.007	207.5	0.4136
46.47	0.034	195.6	0.2716	116.17	-0.02	204.6	0.2485
46.50	0.034	195.2	0.2601	116.25	-0.033	201.5	-0.0133
46.53	0.031	194.7	0.2441	116.33	-0.047	197.8	-0.1775
46.57	0.023	194.1	0.2255	116.43	-0.059	193.3	-0.3045
46.60	0.02	193.7	0.2086	116.50	-0.066	190.5	-0.3835
46.63	0.015	192.9	0.1873	116.58	-0.07	188.5	-0.4891
46.67	0.007	192.2	0.1873	116.67	-0.073	186.6	-0.529
46.70	0.004	192.2	0.1624	116.75	-0.073	185.8	-0.5423
46.73	0.004	191.6	0.1438	116.83	-0.071	185.3	-0.5441
46.77	-0.001	190.7	0.1207	116.92	-0.065	185.6	-0.5361
46.80	-0.009	189.9	0.0959	117.00	-0.052	187.2	-0.5131
46.83	-0.012	189.2	0.0754	117.08	-0.043	188.9	-0.4518
46.87	-0.016	188.2	0.0524	117.17	-0.031	190.7	-0.3888
46.90	-0.024	187.3	0.0524	117.25	-0.016	193.4	-0.2903
46.93	-0.026	187.3	0.0257	117.33	-0.003	196.3	-0.1616
46.97	-0.026	186.5	0.008	117.42	0.011	199	-0.0213
47.00	-0.029	185.5	-0.0133	117.50	0.032	202.2	0.15
47.03	-0.036	184.6	-0.0346	117.58	0.048	206.5	0.3178
47.07	-0.037	184	-0.0497	117.67	0.057	209.1	0.5548
47.12	-0.04	183.3	-0.0604	117.75	0.068	211.2	0.679
47.15	-0.043	182.6	-0.0728	117.85	0.078	213.2	0.7793
47.17	-0.044	182	-0.0852	117.92	0.084	215.3	0.8317
47.20	-0.046	181.3	-0.0968	118.00	0.086	216.3	0.8876
47.23	-0.05	180.6	-0.0968	118.08	0.086	217	0.9027
47.27	-0.05	180.6	-0.1083	118.17	0.083	217.4	0.9027
47.30	-0.05	180.2	-0.1145	118.25	0.079	217.4	0.8939
47.33	-0.051	179.7	-0.1207	118.33	0.07	217.2	0.8761
47.37	-0.052	179.4	-0.1234	118.42	0.054	216.4	0.8388
47.40	-0.051	179.1	-0.1252	118.50	0.039	214.6	0.7891
47.43	-0.051	178.8	-0.126	118.58	0.029	213	0.6613
47.47	-0.05	178.7	-0.126	118.67	0.013	211	0.5406
47.50	-0.049	178.7	-0.126	118.75	-0.003	208.4	0.3799
47.53	-0.049	178.5	-0.1252	118.83	-0.015	205.6	0.2095
47.57	-0.047	178.6	-0.1216	118.92	-0.03	202.4	0.0337
47.60	-0.043	178.7	-0.1172	119.00	-0.049	198.9	-0.1349
47.63	-0.041	178.8	-0.1118	119.08	-0.059	193.9	-0.2672
47.67	-0.039	179.1	-0.1047	119.17	-0.064	191.2	-0.4225
47.70	-0.032	179.4	-0.1047	119.25	-0.071	188.7	-0.49
47.73	-0.03	179.4	-0.095	119.35	-0.073	186.5	-0.5255
47.77	-0.03	179.7	-0.087	119.42	-0.073	185.7	-0.5423
47.80	-0.027	180.1	-0.0746	119.50	-0.07	185.4	-0.545
47.83	-0.019	180.8	-0.0577	119.58	-0.064	185.8	-0.5352
47.87	-0.016	181.2	-0.0462	119.67	-0.055	186.8	-0.5095
47.90	-0.013	181.7	-0.0284	119.75	-0.047	188.1	-0.4713
47.93	-0.005	182.5	-0.0284	119.83	-0.032	190.3	-0.4074
47.97	-0.001	182.5	-0.0053	119.92	-0.012	194.1	-0.3169

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
48.00	-0.001	183.2	0.0133	120.00	0	197	-0.1331
48.03	0.002	183.8	0.0364	120.08	0.014	199.8	0.0204
48.07	0.011	184.8	0.0612	120.17	0.031	203.1	0.2015
48.10	0.015	185.5	0.0808	120.25	0.043	206.1	0.3701
48.13	0.018	186.2	0.103	120.33	0.055	208.5	0.5237
48.17	0.026	187.2	0.103	120.42	0.068	210.9	0.664
48.20	0.03	187.2	0.1305	120.50	0.08	213.8	0.7598
48.23	0.03	187.9	0.1482	120.58	0.083	215.1	0.8539
48.27	0.033	188.6	0.1687	120.67	0.086	216.2	0.8903
48.30	0.04	189.5	0.1926	120.75	0.086	216.9	0.9018
48.33	0.043	190.2	0.2113	120.83	0.081	217.5	0.9054
48.37	0.046	190.9	0.2299	120.92	0.077	217.4	0.8921
48.40	0.051	191.8	0.2299	121.00	0.068	217.1	0.8708
48.43	0.054	191.8	0.2494	121.08	0.054	216.2	0.8317
48.47	0.054	192.4	0.2645	121.17	0.046	215.1	0.7767
48.50	0.056	193	0.2778	121.25	0.031	213.7	0.6941
48.53	0.059	193.7	0.2911	121.33	0.01	211.6	0.5761
48.58	0.061	194.2	0.3	121.42	-0.006	207.8	0.4332
48.62	0.061	194.6	0.3062	121.50	-0.017	205	0.174
48.63	0.062	195.1	0.3124	121.58	-0.033	201.7	-0.0018
48.67	0.064	195.5	0.3178	121.67	-0.046	198.1	-0.1758
48.70	0.063	195.8	0.3196	121.75	-0.054	194.9	-0.2956
48.73	0.063	196.1	0.3196	121.83	-0.063	191.9	-0.4003
48.77	0.062	196.3	0.3213	121.92	-0.071	189.2	-0.4767
48.80	0.062	196.3	0.3213	122.00	-0.074	186.7	-0.5193
48.83	0.062	196.5	0.3213	122.08	-0.073	185.9	-0.5477
48.87	0.061	196.7	0.3204	122.17	-0.07	185.6	-0.5477
48.90	0.058	196.7	0.3169	122.27	-0.062	186	-0.5406
48.93	0.056	196.7	0.3116	122.33	-0.053	187.2	-0.5202
48.97	0.052	196.5	0.3053	122.42	-0.044	188.6	-0.4607
49.00	0.048	196.4	0.3053	122.50	-0.03	190.9	-0.3923
49.03	0.048	196.4	0.2991	122.58	-0.017	193.4	-0.2947
49.07	0.046	196.3	0.2903	122.67	-0.005	196	-0.1784
49.10	0.041	195.8	0.2805	122.75	0.012	199.2	-0.024
49.13	0.035	195.5	0.2681	122.83	0.033	203.7	0.1509
49.17	0.032	195.2	0.2548	122.92	0.046	206.7	0.3187
49.20	0.027	194.5	0.237	123.00	0.057	209.1	0.5548
49.23	0.02	194	0.237	123.08	0.069	211.4	0.6879
49.27	0.017	194	0.2184	123.17	0.077	213.4	0.782
49.30	0.017	193.5	0.2024	123.25	0.082	214.8	0.8441
49.33	0.013	192.8	0.1811	123.33	0.086	216	0.8859
49.37	0.004	192	0.1562	123.42	0.085	217.1	0.9045
49.40	0.002	191.4	0.1367	123.50	0.083	217.5	0.9063
49.43	-0.003	190.4	0.1118	123.58	0.077	217.5	0.8965
49.47	-0.011	189.6	0.1118	123.68	0.065	217	0.8752
49.50	-0.014	189.6	0.0852	123.75	0.052	216.1	0.8504
49.53	-0.014	188.9	0.0666	123.83	0.043	214.8	0.7616
49.57	-0.018	187.9	0.0435	123.92	0.028	213.3	0.6737
49.60	-0.026	187	0.0169	124.00	0.013	211.1	0.5468
49.63	-0.027	186.2	-0.0009	124.08	0.001	208.7	0.3977
49.67	-0.031	185.3	-0.0213	124.17	-0.015	206	0.2237
49.70	-0.037	184.4	-0.0213	124.25	-0.036	202.6	0.0355
49.73	-0.039	184.4	-0.0435	124.33	-0.048	197.4	-0.1181
49.77	-0.039	183.7	-0.0568	124.42	-0.056	194.3	-0.3196
49.80	-0.041	182.9	-0.0728	124.50	-0.065	191.3	-0.4207
49.83	-0.046	182.1	-0.087	124.58	-0.07	188.9	-0.4891
49.87	-0.047	181.5	-0.0976	124.67	-0.073	187.2	-0.529
49.90	-0.048	180.9	-0.1065	124.75	-0.073	186.1	-0.5468
49.93	-0.051	180.3	-0.1065	124.83	-0.069	185.7	-0.5494
49.97	-0.051	180.3	-0.1154	124.92	-0.062	186.2	-0.5415
50.00	-0.051	179.9	-0.1207	125.00	-0.056	187.2	-0.5068
50.05	-0.052	179.2	-0.1243	125.08	-0.044	188.7	-0.4651
50.07	-0.051	179.2	-0.1269	125.18	-0.028	190.3	-0.4225

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
50.10	-0.051	179	-0.1278	125.25	-0.014	194.1	-0.3338
50.13	-0.051	178.8	-0.1278	125.33	-0.002	196.8	-0.15
50.17	-0.05	178.6	-0.1278	125.42	0.015	199.9	0.0089
50.20	-0.048	178.5	-0.126	125.50	0.029	203	0.1864
50.23	-0.046	178.7	-0.1216	125.58	0.041	205.8	0.3551
50.27	-0.041	178.8	-0.1216	125.67	0.056	208.7	0.5255
50.30	-0.04	178.8	-0.1163	125.75	0.071	212	0.6551
50.33	-0.04	178.9	-0.111	125.83	0.078	213.9	0.7563
50.37	-0.037	179.2	-0.1039	125.92	0.082	215.3	0.8575
50.40	-0.031	179.6	-0.0932	126.00	0.086	216.4	0.8956
50.43	-0.029	179.9	-0.0843	126.08	0.086	217.1	0.9089
50.47	-0.025	180.4	-0.0701	126.17	0.084	217.5	0.9098
50.50	-0.017	181.1	-0.0701	126.25	0.078	217.6	0.9027
50.53	-0.014	181.1	-0.0533	126.33	0.065	217.1	0.8788
50.57	-0.014	181.5	-0.0391	126.42	0.054	216.1	0.8495
50.60	-0.011	182.1	-0.0204	126.50	0.043	215.1	0.7634
50.63	-0.002	182.9	0.0036	126.60	0.026	213.3	0.6684
50.67	0.002	183.6	0.0213	126.67	0.009	210.7	0.5823
50.70	0.005	184.2	0.0444	126.75	-0.004	208	0.3435
50.73	0.013	185.2	0.0444	126.83	-0.019	205.3	0.1687
50.77	0.017	185.8	0.071	126.92	-0.034	201.6	-0.0195
50.80	0.017	185.8	0.0905	127.00	-0.044	198.3	-0.1704
50.83	0.02	186.6	0.1127	127.08	-0.055	195.1	-0.3027
50.87	0.028	187.6	0.1394	127.17	-0.066	191.9	-0.411
50.90	0.032	188.3	0.158	127.25	-0.071	188.5	-0.4767
50.93	0.035	189.1	0.1802	127.33	-0.073	187	-0.5388
50.97	0.042	190	0.1802	127.42	-0.073	186	-0.5539
51.00	0.045	190	0.2042	127.50	-0.07	185.7	-0.5539
51.03	0.045	190.6	0.2219	127.58	-0.066	186	-0.5423
51.07	0.047	191.4	0.2397	127.67	-0.057	186.7	-0.5237
51.10	0.053	192.1	0.2592	127.75	-0.041	188.5	-0.4811
51.13	0.055	192.8	0.2734	127.83	-0.027	191.5	-0.4243
51.17	0.056	193.3	0.2858	127.92	-0.017	194	-0.2894
51.20	0.06	194	0.2858	128.00	-0.001	196.8	-0.1624
51.23	0.061	194.5	0.2982	128.08	0.016	199.2	-0.0524
51.27	0.061	194.5	0.3071	128.17	0.032	203.8	0.1181
51.30	0.062	194.9	0.3142	128.25	0.043	206.6	0.3843
51.33	0.063	195.4	0.3196	128.33	0.058	209.3	0.5486
51.37	0.064	195.8	0.3231	128.42	0.069	211.6	0.6844
51.40	0.063	196.1	0.3249	128.50	0.076	213.4	0.7749
51.43	0.063	196.3	0.3249	128.58	0.082	215	0.8415
51.48	0.062	196.5	0.3258	128.67	0.086	216.2	0.885
51.52	0.062	196.8	0.3258	128.75	0.086	217.3	0.9063
51.53	0.06	196.8	0.3258	128.83	0.083	217.7	0.9089
51.57	0.057	196.9	0.3231	128.92	0.076	217.7	0.8992
51.60	0.057	196.9	0.3196	129.00	0.067	217.3	0.877
51.63	0.055	196.9	0.3133	129.08	0.059	216.8	0.8441
51.67	0.05	196.6	0.3071	129.17	0.045	215.5	0.7873
51.70	0.046	196.5	0.3	129.25	0.024	213.1	0.6977
51.73	0.044	196.3	0.2903	129.33	0.011	210.9	0.5947
51.77	0.039	195.8	0.2903	129.42	-0.003	208.6	0.3648
51.80	0.033	195.5	0.2787	129.52	-0.016	205.9	0.2068
51.83	0.033	195.5	0.2663	129.58	-0.036	201	0.0417
51.87	0.031	195.1	0.2512	129.67	-0.046	197.6	-0.2015
51.90	0.024	194.4	0.2317	129.75	-0.056	194.5	-0.3258
51.93	0.018	193.9	0.2139	129.83	-0.066	191.3	-0.4296
51.97	0.016	193.4	0.1953	129.92	-0.07	189	-0.4944
52.00	0.009	192.5	0.1704	130.00	-0.073	187.3	-0.5352
52.03	0.002	191.8	0.1704	130.08	-0.073	186.2	-0.553
52.07	0.002	191.8	0.1465	130.17	-0.069	185.7	-0.5566
52.10	-0.001	191.2	0.126	130.25	-0.064	186.2	-0.5415
52.13	-0.006	190.1	0.1003	130.33	-0.055	187.1	-0.5166
52.17	-0.014	189.3	0.0754	130.42	-0.042	189	-0.4696

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
52.20	-0.016	188.6	0.0559	130.50	-0.035	190.8	-0.4119
52.23	-0.021	187.5	0.0302	130.58	-0.019	193.2	-0.3204
52.27	-0.028	186.6	0.0302	130.67	0.002	196.1	-0.1953
52.30	-0.028	186.6	0.0062	130.75	0.017	200.6	-0.0577
52.33	-0.029	185.9	-0.0115	130.83	0.029	203.5	0.2015
52.37	-0.033	184.9	-0.0328	130.92	0.044	206.5	0.3781
52.40	-0.039	184.1	-0.0515	131.00	0.059	208.7	0.4944
52.43	-0.04	183.4	-0.0657	131.08	0.071	212.2	0.6338
52.47	-0.043	182.6	-0.0808	131.17	0.077	214	0.7953
52.50	-0.047	181.9	-0.0808	131.25	0.082	215.4	0.8539
52.53	-0.048	181.9	-0.0941	131.33	0.086	216.6	0.8939
52.57	-0.048	181.4	-0.103	131.42	0.086	217.3	0.9116
52.60	-0.049	180.8	-0.111	131.50	0.084	217.8	0.9134
52.63	-0.051	180.2	-0.1198	131.58	0.074	217.8	0.9045
52.67	-0.051	179.8	-0.1234	131.67	0.066	217.3	0.8876
52.70	-0.051	179.5	-0.1269	131.75	0.057	216.7	0.8362
52.73	-0.051	179.2	-0.1269	131.83	0.041	215.3	0.7722
52.77	-0.051	179.2	-0.1278	131.92	0.03	213.7	0.6817
52.80	-0.051	179	-0.1287	132.00	0.016	211.9	0.5654
52.83	-0.05	178.8	-0.1287	132.08	-0.001	209.2	0.4065
52.87	-0.048	178.7	-0.1269	132.17	-0.023	204.8	0.2299
52.90	-0.046	178.7	-0.1234	132.25	-0.034	201.4	-0.0382
52.95	-0.044	178.8	-0.1207	132.33	-0.045	198.2	-0.1882
52.98	-0.042	178.9	-0.1172	132.43	-0.058	195	-0.308
53.00	-0.039	179	-0.1092	132.50	-0.067	190.8	-0.3968
53.03	-0.036	179.4	-0.1003	132.58	-0.07	188.7	-0.5015
53.07	-0.029	179.9	-0.1003	132.67	-0.073	187.1	-0.5415
53.10	-0.026	179.9	-0.0888	132.75	-0.073	186.2	-0.5557
53.13	-0.026	180.2	-0.0799	132.83	-0.071	185.7	-0.5583
53.17	-0.023	180.7	-0.0648	132.92	-0.065	186	-0.5486
53.20	-0.015	181.4	-0.0462	133.00	-0.053	187	-0.5281
53.23	-0.012	181.9	-0.0328	133.08	-0.04	189.4	-0.49
53.27	-0.009	182.6	-0.0124	133.17	-0.031	191.4	-0.395
53.30	0	183.4	-0.0124	133.25	-0.016	193.8	-0.2991
53.33	0.003	183.4	0.0133	133.33	-0.002	196.8	-0.166
53.37	0.003	184	0.032	133.42	0.01	199.8	-0.0186
53.40	0.007	184.8	0.055	133.50	0.027	202.7	0.1598
53.43	0.016	185.6	0.0826	133.58	0.047	205.9	0.3444
53.47	0.019	186.3	0.1021	133.67	0.06	209.8	0.4944
53.50	0.022	187.2	0.126	133.75	0.068	212	0.6977
53.53	0.031	188.1	0.126	133.85	0.078	213.8	0.7936
53.57	0.034	188.1	0.1518	133.92	0.084	215.2	0.8459
53.60	0.034	188.8	0.1704	134.00	0.086	216.8	0.885
53.63	0.037	189.6	0.1926	134.08	0.086	217.5	0.9116
53.67	0.044	190.4	0.2175	134.17	0.083	217.9	0.9134
53.70	0.047	191.1	0.2334	134.25	0.077	217.9	0.9027
53.73	0.049	191.8	0.2503	134.33	0.07	217.6	0.8832
53.77	0.055	192.6	0.2503	134.42	0.058	216.9	0.8504
53.80	0.056	192.6	0.269	134.50	0.039	215.1	0.7927
53.83	0.056	193.2	0.2805	134.58	0.025	213.3	0.7137
53.87	0.057	193.7	0.2938	134.67	0.013	211.5	0.5406
53.90	0.061	194.4	0.3053	134.75	-0.004	208.7	0.3719
53.93	0.062	194.8	0.3124	134.83	-0.017	205.8	0.1944
53.97	0.062	195.2	0.3187	134.92	-0.03	202.7	0.0186
54.00	0.063	195.7	0.3187	135.00	-0.044	199	-0.1509
54.03	0.064	196.1	0.324	135.08	-0.059	194	-0.2885
54.07	0.064	196.1	0.3275	135.17	-0.066	191.2	-0.3932
54.10	0.063	196.3	0.3284	135.25	-0.07	189	-0.5015
54.13	0.062	196.6	0.3284	135.35	-0.073	187.4	-0.537
54.17	0.062	196.8	0.3284	135.42	-0.072	186	-0.553
54.20	0.06	196.9	0.3258	135.50	-0.069	185.9	-0.5539
54.23	0.057	196.8	0.3258	135.58	-0.064	186.1	-0.5432
54.27	0.054	196.8	0.3213	135.67	-0.054	187.3	-0.5193

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
54.30	0.054	196.8	0.3178	135.75	-0.046	188.8	-0.4776
54.33	0.052	196.8	0.3107	135.83	-0.034	190.7	-0.4163
54.38	0.045	196.5	0.3027	135.92	-0.014	193.3	-0.3204
54.42	0.045	196.5	0.2991	136.00	0.001	197.5	-0.2113
54.43	0.042	196.3	0.2885	136.08	0.014	200.5	0.0169
54.47	0.036	195.8	0.2761	136.17	0.03	203.5	0.1944
54.50	0.031	195.4	0.2636	136.25	0.045	206.6	0.3808
54.53	0.029	195	0.2468	136.33	0.054	209.2	0.5308
54.57	0.023	194.3	0.2468	136.42	0.067	211.4	0.6666
54.60	0.016	193.7	0.2272	136.50	0.079	213.5	0.7705
54.63	0.016	193.7	0.2077	136.58	0.084	215.7	0.8397
54.67	0.013	193.2	0.1864	136.67	0.086	216.8	0.9001
54.70	0.007	192.3	0.1607	136.77	0.086	217.4	0.9152
54.73	0	191.5	0.1376	136.83	0.082	217.9	0.9187
54.77	-0.003	190.9	0.1172	136.92	0.074	217.9	0.9107
54.80	-0.009	189.9	0.1172	137.00	0.068	217.5	0.8805
54.83	-0.015	189	0.0914	137.08	0.056	216.8	0.8441
54.87	-0.015	189	0.0666	137.17	0.042	215.5	0.7785
54.90	-0.017	188.3	0.0462	137.25	0.032	214.1	0.6977
54.93	-0.024	187.2	0.0195	137.33	0.016	212	0.5787
54.97	-0.03	186.3	-0.0036	137.42	-0.007	209.6	0.4243
55.00	-0.031	185.6	-0.0195	137.50	-0.021	205.2	0.253
55.03	-0.035	184.6	-0.0408	137.58	-0.032	202.1	-0.016
55.07	-0.04	183.8	-0.0408	137.67	-0.046	198.4	-0.1829
55.10	-0.04	183.8	-0.0595	137.75	-0.056	195	-0.3151
55.13	-0.041	183.2	-0.0737	137.83	-0.063	192.2	-0.4145
55.17	-0.044	182.3	-0.0879	137.92	-0.069	189.7	-0.4855
55.20	-0.048	181.6	-0.1012	138.00	-0.073	187.2	-0.5299
55.23	-0.049	181.1	-0.1092	138.08	-0.073	186.3	-0.553
55.27	-0.05	180.6	-0.1163	138.17	-0.07	186	-0.5548
55.30	-0.051	180.1	-0.1163	138.25	-0.065	186.1	-0.5477
55.33	-0.052	180.1	-0.1225	138.33	-0.052	187.6	-0.5273
55.37	-0.052	179.8	-0.126	138.42	-0.042	189.4	-0.4918
55.40	-0.051	179.5	-0.1278	138.50	-0.031	191.3	-0.3959
55.43	-0.051	179.2	-0.1296	138.58	-0.015	194.1	-0.2929
55.47	-0.05	179	-0.1296	138.67	-0.003	197.1	-0.166
55.50	-0.05	178.8	-0.1296	138.75	0.011	199.8	-0.0186
55.53	-0.047	178.8	-0.1296	138.83	0.033	203	0.1616
55.57	-0.045	178.8	-0.1269	138.92	0.048	207.4	0.3258
55.60	-0.045	178.8	-0.1225	139.00	0.057	209.9	0.5672
55.63	-0.043	179.1	-0.1172	139.08	0.069	212	0.6959
55.67	-0.037	179.3	-0.1092	139.17	0.078	214	0.7909
55.70	-0.036	179.5	-0.103	139.25	0.081	215.5	0.8539
55.73	-0.032	179.9	-0.0923	139.33	0.085	216.7	0.8965
55.77	-0.025	180.4	-0.0923	139.42	0.086	217.5	0.916
55.80	-0.023	180.4	-0.0799	139.50	0.082	218	0.9196
55.85	-0.021	181.2	-0.0604	139.58	0.077	217.9	0.9063
55.88	-0.013	181.8	-0.0604	139.68	0.07	217.8	0.8894
55.90	-0.01	181.8	-0.0417	139.75	0.054	217	0.8548
55.93	-0.01	182.3	-0.0249	139.83	0.039	215.2	0.8033
55.97	-0.006	183	-0.0027	139.92	0.029	213.6	0.6737
56.00	0.002	183.8	0.0222	140.00	0.013	211.6	0.5486
56.03	0.005	184.4	0.0426	140.08	-0.003	209.1	0.3835
56.07	0.009	185.3	0.0666	140.17	-0.014	206.3	0.2166
56.10	0.018	186.1	0.0666	140.25	-0.03	202.9	0.0337
56.13	0.021	186.1	0.0932	140.33	-0.048	199.4	-0.1438
56.17	0.021	186.8	0.1127	140.42	-0.059	194.3	-0.2805
56.20	0.025	187.7	0.1367	140.50	-0.064	191.6	-0.4341
56.23	0.033	188.6	0.1633	140.58	-0.07	189.3	-0.5006
56.27	0.036	189.3	0.1811	140.67	-0.073	187.4	-0.5441
56.30	0.039	190.1	0.2024	140.75	-0.073	186.4	-0.561
56.33	0.046	190.9	0.2024	140.83	-0.071	186	-0.5628
56.37	0.048	190.9	0.2272	140.92	-0.062	186.4	-0.5539

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
56.40	0.048	191.6	0.2432	141.00	-0.053	187.6	-0.5352
56.43	0.05	192.3	0.2619	141.08	-0.045	189	-0.4776
56.47	0.056	193	0.2796	141.17	-0.034	190.7	-0.4314
56.50	0.057	193.6	0.2894	141.25	-0.012	194.7	-0.3275
56.53	0.058	194.1	0.3009	141.33	0	197.7	-0.2184
56.57	0.061	194.7	0.3009	141.42	0.014	200.5	0.0107
56.60	0.063	194.7	0.3124	141.50	0.031	203.8	0.2024
56.63	0.063	195.2	0.3196	141.58	0.044	206.9	0.3835
56.67	0.063	195.7	0.324	141.67	0.055	209.2	0.5335
56.70	0.063	196	0.3275	141.75	0.067	211.6	0.6711
56.73	0.063	196.3	0.3302	141.83	0.079	214.5	0.7722
56.77	0.063	196.6	0.3311	141.92	0.083	215.9	0.8699
56.80	0.062	196.8	0.3311	142.00	0.086	217	0.9027
56.83	0.061	197	0.3311	142.08	0.086	217.6	0.9178
56.87	0.061	197	0.3302	142.17	0.084	218	0.9187
56.90	0.059	197.1	0.3267	142.25	0.078	218.2	0.9098
56.93	0.056	197	0.3222	142.33	0.066	217.8	0.8903
56.97	0.052	196.9	0.3178	142.42	0.052	216.6	0.8592
57.00	0.051	196.9	0.3107	142.50	0.043	215.4	0.7714
57.03	0.045	196.6	0.3107	142.60	0.031	214.2	0.6968
57.07	0.041	196.3	0.3018	142.67	0.01	212.2	0.5805
57.10	0.041	196.3	0.2929	142.75	-0.006	208.5	0.4394
57.13	0.039	196.1	0.2814	142.83	-0.018	205.5	0.1704
57.17	0.032	195.5	0.2663	142.92	-0.033	202.3	-0.0115
57.20	0.027	195.1	0.2512	143.00	-0.046	198.7	-0.1829
57.23	0.024	194.6	0.2334	143.08	-0.054	195.5	-0.3062
57.28	0.019	194.1	0.2201	143.17	-0.063	192.4	-0.4163
57.32	0.015	193.6	0.205	143.25	-0.071	189.8	-0.4926
57.33	0.011	193.1	0.1802	143.33	-0.073	187.3	-0.5361
57.37	0.004	192	0.1802	143.42	-0.073	186.3	-0.5628
57.40	-0.003	191.3	0.1509	143.50	-0.07	186.1	-0.5628
57.43	-0.003	191.3	0.1287	143.58	-0.063	186.4	-0.5512
57.47	-0.005	190.6	0.1083	143.67	-0.058	187.3	-0.5299
57.50	-0.011	189.6	0.0834	143.75	-0.046	188.8	-0.4909
57.53	-0.017	188.8	0.0595	143.83	-0.027	190.9	-0.4252
57.57	-0.02	188.1	0.0364	143.92	-0.014	194.7	-0.3417
57.60	-0.025	186.9	0.0364	144.02	-0.002	197.3	-0.1562
57.63	-0.031	186	0.0089	144.08	0.011	200	-0.0391
57.67	-0.031	186	-0.0115	144.17	0.034	204.6	0.1402
57.70	-0.033	185.4	-0.0284	144.25	0.047	207.5	0.3178
57.73	-0.036	184.4	-0.0479	144.33	0.057	209.9	0.5637
57.77	-0.041	183.6	-0.0666	144.42	0.069	212.2	0.6932
57.80	-0.043	183	-0.0799	144.50	0.077	214.2	0.79
57.83	-0.045	182.2	-0.0932	144.58	0.082	215.6	0.853
57.87	-0.049	181.5	-0.0932	144.67	0.086	216.8	0.8956
57.90	-0.049	181.5	-0.1056	144.75	0.085	217.9	0.9143
57.93	-0.049	181	-0.1127	144.83	0.082	218.2	0.9196
57.97	-0.05	180.5	-0.1207	144.92	0.077	218.2	0.9054
58.00	-0.052	180	-0.126	145.00	0.066	217.8	0.8841
58.03	-0.052	179.7	-0.1287	145.08	0.057	217	0.8459
58.07	-0.051	179.4	-0.1305	145.17	0.046	216	0.7927
58.10	-0.051	179.2	-0.1305	145.25	0.029	214.3	0.6977
58.13	-0.05	179.2	-0.1305	145.33	0.009	211.2	0.5832
58.17	-0.05	179	-0.1305	145.42	-0.005	208.5	0.3426
58.20	-0.049	178.9	-0.1296	145.52	-0.015	206.5	0.2121
58.23	-0.046	178.9	-0.126	145.58	-0.036	202.9	0.0178
58.27	-0.044	179	-0.1216	145.67	-0.049	197.9	-0.1314
58.30	-0.041	179.3	-0.1154	145.75	-0.056	194.6	-0.3373
58.33	-0.036	179.5	-0.1154	145.83	-0.065	191.8	-0.4394
58.37	-0.034	179.5	-0.1074	145.92	-0.071	189.3	-0.5086
58.40	-0.034	179.7	-0.0994	146.00	-0.072	187.6	-0.5459
58.43	-0.03	180.3	-0.0879	146.08	-0.073	186.5	-0.5645
58.47	-0.023	180.7	-0.0746	146.17	-0.069	186.1	-0.5672

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
58.50	-0.021	181.1	-0.063	146.25	-0.061	186.6	-0.5592
58.53	-0.017	181.8	-0.0453	146.33	-0.056	187.8	-0.5246
58.57	-0.008	182.5	-0.0453	146.42	-0.044	189.2	-0.4829
58.60	-0.006	182.5	-0.0231	146.50	-0.03	191.5	-0.4083
58.63	-0.006	183	-0.0062	146.58	-0.02	193.9	-0.3187
58.67	-0.002	183.8	0.0169	146.67	-0.004	196.7	-0.1953
58.70	0.007	184.6	0.0444	146.75	0.018	199.8	-0.0408
58.75	0.01	185.3	0.0612	146.83	0.032	204.4	0.126
58.78	0.012	185.9	0.0763	146.93	0.043	207	0.3719
58.80	0.02	186.6	0.1003	147.00	0.054	209.3	0.506
58.83	0.023	187.4	0.1225	147.08	0.071	211.8	0.6631
58.87	0.026	188.3	0.1465	147.17	0.079	214.7	0.766
58.90	0.035	189.2	0.1465	147.25	0.082	216	0.8663
58.93	0.037	189.2	0.1749	147.33	0.086	217.1	0.9045
58.97	0.037	189.8	0.1926	147.42	0.086	217.8	0.9196
59.00	0.041	190.7	0.2148	147.50	0.084	218.3	0.9214
59.03	0.048	191.5	0.2388	147.58	0.078	218.3	0.9134
59.07	0.049	192.1	0.253	147.67	0.065	217.8	0.893
59.10	0.052	192.8	0.2707	147.75	0.053	216.8	0.8628
59.13	0.057	193.5	0.2707	147.83	0.043	215.8	0.7767
59.17	0.058	193.5	0.2876	147.92	0.027	214	0.6799
59.20	0.058	194	0.2991	148.00	0.014	211.9	0.5539
59.23	0.059	194.6	0.3089	148.08	0.001	209.7	0.403
59.27	0.063	195.1	0.3196	148.17	-0.016	206.6	0.2166
59.30	0.062	195.6	0.324	148.25	-0.036	201.6	0.0337
59.33	0.063	196	0.3293	148.33	-0.047	198.1	-0.1305
59.37	0.063	196.4	0.3293	148.43	-0.055	195.4	-0.3187
59.40	0.063	196.6	0.332	148.50	-0.064	192.3	-0.4181
59.43	0.063	196.6	0.3338	148.58	-0.072	188.8	-0.4909
59.47	0.062	196.9	0.3338	148.67	-0.073	187.3	-0.5521
59.50	0.062	197.1	0.3338	148.75	-0.073	186.4	-0.5654
59.53	0.06	197.2	0.3329	148.83	-0.07	186.1	-0.5654
59.57	0.058	197.3	0.3293	148.92	-0.065	186.5	-0.553
59.60	0.056	197.2	0.324	149.00	-0.057	187.2	-0.5335
59.63	0.052	197.1	0.3169	149.08	-0.041	189	-0.4909
59.67	0.048	196.9	0.3169	149.17	-0.027	192	-0.4341
59.70	0.046	196.9	0.3116	149.25	-0.017	194.6	-0.2929
59.73	0.046	196.8	0.3036	149.33	-0.002	197.4	-0.1651
59.77	0.042	196.4	0.2938	149.42	0.014	200.5	-0.0018
59.80	0.034	196.1	0.2805	149.50	0.026	203.6	0.1704
59.83	0.032	195.8	0.2707	149.58	0.041	206.5	0.3497
59.87	0.029	195.4	0.2512	149.67	0.06	209.3	0.5255
59.90	0.022	194.5	0.2512	149.75	0.071	212.7	0.6551
59.93	0.016	194	0.229	149.85	0.076	214.4	0.7944
59.97	0.013	193.5	0.2113	149.92	0.081	215.8	0.8548
60.00	0.013	193.5	0.1971	150.00	0.086	217	0.9018
60.03	0.009	192.9	0.1722	150.08	0.086	218.1	0.9205
60.07	0.001	191.9	0.142	150.17	0.083	218.4	0.924
60.10	-0.004	191.2	0.1216	150.25	0.077	218.4	0.9134
60.13	-0.007	190.4	0.0994	150.33	0.067	218	0.8912
60.17	-0.014	189.4	0.0994	150.42	0.06	217.4	0.8575
60.22	-0.017	188.8	0.0568	150.50	0.045	216.2	0.8007
60.25	-0.02	188.1	0.0364	150.58	0.024	213.8	0.7101
60.28	-0.025	187	0.0098	150.67	0.011	211.6	0.6027
60.32	-0.031	186.1	0.0098	150.75	-0.003	209.2	0.3693
60.33	-0.033	186.1	-0.0115	150.83	-0.019	206	0.1784
60.37	-0.033	185.4	-0.0275	150.92	-0.032	202.6	-0.0044
60.40	-0.036	184.6	-0.0453	151.00	-0.043	199.5	-0.1607
60.43	-0.041	183.7	-0.0657	151.08	-0.055	195.9	-0.3053
60.47	-0.043	183	-0.0799	151.17	-0.067	191.3	-0.4136
60.50	-0.045	182.3	-0.0923	151.25	-0.071	189.1	-0.4864
60.53	-0.049	181.6	-0.0923	151.33	-0.072	187.7	-0.5486
60.57	-0.049	181.6	-0.1056	151.42	-0.073	186.5	-0.5663

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
60.60	-0.049	181.1	-0.1136	151.50	-0.069	186.1	-0.569
60.63	-0.05	180.6	-0.1207	151.58	-0.063	186.7	-0.5645
60.67	-0.051	180.1	-0.126	151.67	-0.056	187.5	-0.5308
60.70	-0.052	179.8	-0.1296	151.75	-0.042	189.4	-0.4855
60.73	-0.051	179.5	-0.1314	151.83	-0.032	191.5	-0.4172
60.77	-0.051	179.2	-0.1314	151.92	-0.02	193.8	-0.3258
60.80	-0.05	179.2	-0.1314	152.00	-0.003	196.9	-0.1935
60.83	-0.05	179.1	-0.1314	152.08	0.018	201.5	-0.0417
60.87	-0.049	178.9	-0.1305	152.17	0.029	204.5	0.2059
60.90	-0.046	179	-0.1269	152.25	0.044	207.2	0.3843
60.93	-0.044	179.1	-0.1225	152.33	0.058	210	0.5566
60.97	-0.041	179.2	-0.1154	152.42	0.066	212.3	0.6782
61.00	-0.036	179.6	-0.1154	152.50	0.076	214.1	0.7838
61.03	-0.033	179.6	-0.1083	152.58	0.083	215.7	0.8548
61.07	-0.033	179.8	-0.1012	152.67	0.086	217.4	0.8965
61.10	-0.031	180.1	-0.0897	152.77	0.086	218.1	0.9258
61.13	-0.024	180.8	-0.0763	152.83	0.084	218.5	0.9276
61.17	-0.02	181.2	-0.0639	152.92	0.075	218.5	0.9178
61.20	-0.017	181.7	-0.0462	153.00	0.064	217.9	0.901
61.23	-0.01	182.5	-0.0462	153.08	0.057	217.1	0.8468
61.27	-0.005	183.1	-0.024	153.17	0.043	216	0.7856
61.30	-0.005	183.1	-0.0062	153.25	0.027	214.3	0.6853
61.33	-0.002	183.7	0.0151	153.33	0.017	212.4	0.5734
61.37	0.006	184.7	0.0426	153.42	0	209.9	0.4163
61.40	0.011	185.3	0.0639	153.50	-0.022	207	0.2326
61.43	0.014	186	0.087	153.58	-0.035	202	0.0568
61.47	0.022	187.1	0.087	153.67	-0.045	198.8	-0.1979
61.50	0.026	187.8	0.1136	153.75	-0.057	195.2	-0.3329
61.53	0.026	187.8	0.1349	153.83	-0.065	192.1	-0.4367
61.57	0.029	188.5	0.158	153.92	-0.069	189.9	-0.5015
61.60	0.036	189.5	0.1829	154.00	-0.073	188	-0.5468
61.65	0.039	190.2	0.2006	154.08	-0.072	186.5	-0.5672
61.68	0.041	190.8	0.2157	154.18	-0.069	186.4	-0.5681
61.72	0.047	191.6	0.237	154.25	-0.066	186.4	-0.5601
61.73	0.05	192.2	0.2548	154.33	-0.057	187.4	-0.5406
61.78	0.051	192.9	0.2707	154.42	-0.04	189.9	-0.4971
61.80	0.056	193.6	0.2707	154.50	-0.029	192.2	-0.442
61.83	0.058	194.2	0.2876	154.58	-0.017	194.5	-0.3009
61.87	0.058	194.2	0.3009	154.67	0	197.6	-0.166
61.90	0.06	194.7	0.3116	154.75	0.012	200.7	-0.0071
61.93	0.062	195.3	0.3213	154.83	0.026	203.5	0.1616
61.97	0.063	195.8	0.3275	154.92	0.043	206.8	0.3586
62.00	0.063	196.1	0.332	155.00	0.061	210.6	0.5202
62.03	0.063	196.5	0.332	155.08	0.069	212.9	0.7137
62.07	0.063	196.8	0.3346	155.17	0.077	214.6	0.8042
62.10	0.063	196.8	0.3364	155.25	0.083	216.1	0.8654
62.13	0.062	197	0.3364	155.33	0.085	217.2	0.9045
62.17	0.062	197.2	0.3364	155.42	0.086	218	0.9223
62.20	0.06	197.4	0.3355	155.50	0.082	218.4	0.9258
62.23	0.058	197.4	0.3302	155.58	0.074	218.4	0.9178
62.27	0.055	197.3	0.3302	155.68	0.07	218.2	0.8956
62.30	0.051	197.2	0.3258	155.75	0.059	217.6	0.8619
62.33	0.051	197.2	0.3204	155.83	0.04	216.3	0.7998
62.37	0.049	197.1	0.3124	155.92	0.025	214	0.7225
62.40	0.043	196.8	0.3036	156.00	0.014	212	0.5432
62.43	0.04	196.6	0.2938	156.08	-0.003	209.4	0.3746
62.47	0.037	196.2	0.2805	156.17	-0.018	206.4	0.1891
62.50	0.029	195.6	0.2805	156.25	-0.029	203.3	0.0133
62.53	0.026	195.6	0.2645	156.33	-0.044	199.6	-0.1642
62.57	0.026	195.2	0.2494	156.42	-0.059	194.5	-0.3045
62.60	0.023	194.7	0.2299	156.50	-0.066	191.6	-0.411
62.63	0.014	193.9	0.205	156.58	-0.07	189.5	-0.5184
62.67	0.01	193.3	0.1864	156.67	-0.074	187.7	-0.5592

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
62.70	0.007	192.6	0.1633	156.75	-0.073	186.8	-0.5725
62.73	-0.002	191.7	0.1633	156.83	-0.071	186.4	-0.5743
62.77	-0.006	191.7	0.1349	156.92	-0.065	186.6	-0.5601
62.80	-0.006	191	0.1127	157.00	-0.052	188.2	-0.537
62.83	-0.009	190.1	0.0897	157.10	-0.044	189.6	-0.4864
62.87	-0.017	189.1	0.0604	157.17	-0.035	191.2	-0.427
62.90	-0.021	188.4	0.0399	157.25	-0.018	194.1	-0.3249
62.93	-0.024	187.5	0.0169	157.33	0.002	198.4	-0.2033
62.97	-0.031	186.4	0.0169	157.42	0.016	201.5	-0.0568
63.00	-0.033	186.4	-0.008	157.50	0.029	204.4	0.2095
63.03	-0.033	185.7	-0.0266	157.58	0.045	207.4	0.3959
63.07	-0.035	184.9	-0.0453	157.67	0.056	210.2	0.5574
63.12	-0.042	183.9	-0.0657	157.75	0.066	212.3	0.6835
63.15	-0.042	183.3	-0.0772	157.83	0.077	214.3	0.7953
63.17	-0.044	182.6	-0.0879	157.92	0.083	216.4	0.8575
63.22	-0.048	181.9	-0.1012	158.00	0.086	217.5	0.9116
63.23	-0.049	181.4	-0.1101	158.08	0.086	218.2	0.9276
63.27	-0.05	180.8	-0.1181	158.17	0.083	218.6	0.9285
63.30	-0.051	180.3	-0.1181	158.25	0.079	218.5	0.9187
63.33	-0.051	180.3	-0.1252	158.33	0.07	218.3	0.9001
63.37	-0.051	180	-0.1287	158.42	0.054	217.5	0.8637
63.40	-0.051	179.7	-0.1314	158.50	0.038	215.7	0.8113
63.43	-0.051	179.4	-0.1323	158.60	0.032	214.5	0.7074
63.47	-0.05	179.2	-0.1323	158.67	0.016	212.7	0.5894
63.50	-0.05	179.1	-0.1323	158.75	-0.006	210.1	0.4234
63.53	-0.047	179.1	-0.1323	158.83	-0.021	205.8	0.2556
63.57	-0.045	179.1	-0.1296	158.92	-0.032	202.5	-0.0195
63.60	-0.045	179.1	-0.1252	159.00	-0.046	199	-0.1917
63.63	-0.043	179.4	-0.1189	159.08	-0.057	195.4	-0.332
63.67	-0.037	179.6	-0.1118	159.17	-0.063	192.5	-0.427
63.70	-0.035	179.7	-0.1039	159.25	-0.069	190	-0.5006
63.73	-0.031	180.3	-0.1039	159.33	-0.073	188.1	-0.5468
63.77	-0.025	180.7	-0.0923	159.42	-0.072	186.7	-0.5672
63.80	-0.025	180.7	-0.0817	159.50	-0.07	186.4	-0.5699
63.83	-0.023	181	-0.0683	159.58	-0.064	186.8	-0.5592
63.87	-0.017	181.8	-0.0497	159.67	-0.055	187.9	-0.5335
63.90	-0.011	182.4	-0.0328	159.75	-0.047	189.1	-0.4953
63.93	-0.009	182.9	-0.0142	159.83	-0.033	191.4	-0.4305
63.97	-0.002	183.8	-0.0142	159.92	-0.012	195.3	-0.3346
64.00	0.004	184.5	0.0107	160.02	-0.004	197.8	-0.1775
64.03	0.004	184.5	0.0337	160.08	0.01	200.4	-0.0328
64.07	0.007	185.1	0.0559	160.17	0.027	203.8	0.1624
64.10	0.015	186.1	0.0834	160.25	0.048	208.2	0.3506
64.13	0.02	186.8	0.1056	160.33	0.058	210.8	0.5876
64.17	0.023	187.6	0.1287	160.42	0.068	212.8	0.7074
64.20	0.03	188.6	0.1287	160.50	0.078	214.8	0.8113
64.23	0.034	188.6	0.1553	160.58	0.082	216.2	0.8654
64.27	0.034	189.3	0.1758	160.67	0.085	217.3	0.9045
64.30	0.037	190.1	0.1979	160.75	0.086	218.1	0.9267
64.33	0.044	191	0.2237	160.83	0.082	218.7	0.9302
64.37	0.046	191.6	0.2414	160.92	0.077	218.6	0.916
64.40	0.049	192.4	0.261	161.00	0.068	218.3	0.8956
64.43	0.054	193.1	0.261	161.08	0.054	217.4	0.8539
64.47	0.055	193.1	0.2787	161.17	0.046	216.2	0.7971
64.50	0.055	193.7	0.2911	161.25	0.031	214.8	0.7119
64.55	0.06	194.8	0.3045	161.33	0.01	212.7	0.5876
64.58	0.062	194.8	0.3133	161.42	-0.006	209	0.4447
64.60	0.062	195.3	0.3213	161.50	-0.015	206.6	0.2095
64.65	0.062	195.8	0.3275	161.58	-0.03	203.4	0.0257
64.68	0.063	196.2	0.3338	161.67	-0.048	199.9	-0.1509
64.70	0.064	196.6	0.3373	161.75	-0.059	194.8	-0.2858
64.73	0.063	196.9	0.3391	161.83	-0.064	192.1	-0.4447
64.77	0.063	197.1	0.3391	161.92	-0.07	189.7	-0.5122

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
64.80	0.062	197.1	0.34	162.00	-0.073	188	-0.5494
64.83	0.062	197.3	0.34	162.08	-0.073	187	-0.5681
64.87	0.061	197.5	0.3382	162.17	-0.071	186.5	-0.5708
64.90	0.057	197.5	0.3346	162.25	-0.062	187.1	-0.5619
64.93	0.056	197.5	0.3302	162.33	-0.053	188.3	-0.5415
64.97	0.053	197.4	0.324	162.42	-0.044	189.6	-0.482
65.00	0.047	197.2	0.324	162.50	-0.03	192	-0.4101
65.03	0.046	197.2	0.3169	162.58	-0.018	194.6	-0.3098
65.07	0.046	197.1	0.3098	162.67	-0.005	197.2	-0.19
65.10	0.043	196.7	0.2982	162.75	0.011	200.4	-0.0328
65.13	0.034	196.3	0.284	162.83	0.034	205.2	0.1527
65.17	0.032	196	0.2734	162.93	0.041	207.5	0.3675
65.20	0.029	195.5	0.2565	163.00	0.055	210	0.5344
65.23	0.02	194.8	0.2565	163.08	0.07	212.5	0.6879
65.27	0.017	194.8	0.2343	163.17	0.079	215.3	0.7811
65.30	0.017	194.3	0.2175	163.25	0.083	216.6	0.8788
65.33	0.014	193.6	0.1953	163.33	0.086	217.6	0.916
65.37	0.004	192.8	0.1669	163.42	0.086	218.3	0.9311
65.40	0.002	192.2	0.1473	163.50	0.084	218.7	0.9329
65.43	-0.003	191.3	0.1207	163.58	0.079	218.9	0.9249
65.47	-0.011	190.3	0.1207	163.67	0.065	218.4	0.9045
65.50	-0.014	190.3	0.0932	163.75	0.052	217.3	0.8734
65.53	-0.014	189.6	0.0728	163.83	0.044	216.1	0.7864
65.57	-0.017	188.7	0.0488	163.92	0.028	214.6	0.6906
65.60	-0.026	187.7	0.0186	164.00	0.013	212.4	0.5592
65.63	-0.027	187	0.0009	164.08	0.001	210.1	0.4074
65.67	-0.031	185.9	-0.0222	164.17	-0.016	207.2	0.2219
65.70	-0.037	185	-0.0222	164.25	-0.036	203.8	0.0302
65.73	-0.039	185	-0.0435	164.35	-0.048	198.5	-0.2228
65.77	-0.039	184.4	-0.0595	164.42	-0.054	196	-0.3169
65.80	-0.041	183.5	-0.0754	164.50	-0.063	192.7	-0.4261
65.83	-0.046	182.7	-0.0905	164.58	-0.071	190.2	-0.5024
65.87	-0.047	182.2	-0.1012	164.67	-0.073	187.6	-0.5477
65.90	-0.048	181.5	-0.1127	164.75	-0.073	186.8	-0.5752
65.93	-0.051	180.9	-0.1127	164.83	-0.07	186.5	-0.5752
65.97	-0.051	180.9	-0.1216	164.92	-0.064	187	-0.5628
66.02	-0.051	180.1	-0.1287	165.00	-0.057	187.7	-0.5406
66.05	-0.051	179.8	-0.1287	165.08	-0.045	189.4	-0.5006
66.08	-0.051	179.8	-0.1314	165.17	-0.027	192.6	-0.4367
66.10	-0.051	179.5	-0.1331	165.25	-0.015	195.2	-0.2867
66.13	-0.051	179.4	-0.1331	165.33	-0.002	197.9	-0.1624
66.17	-0.05	179.2	-0.1331	165.42	0.015	201.2	0.0036
66.20	-0.048	179.1	-0.1305	165.50	0.028	204.4	0.19
66.23	-0.046	179.3	-0.1305	165.58	0.042	207.2	0.3675
66.27	-0.041	179.4	-0.126	165.67	0.056	210	0.5432
66.30	-0.041	179.4	-0.1216	165.75	0.072	213.4	0.6746
66.33	-0.04	179.5	-0.1154	165.85	0.075	215	0.8051
66.37	-0.035	179.9	-0.1074	165.92	0.082	216.4	0.8654
66.40	-0.031	180.2	-0.0976	166.00	0.086	217.5	0.9107
66.43	-0.029	180.5	-0.087	166.08	0.085	218.6	0.9294
66.47	-0.022	181.2	-0.087	166.17	0.083	218.9	0.9329
66.50	-0.018	181.6	-0.071	166.25	0.077	219	0.9223
66.53	-0.018	181.6	-0.0577	166.33	0.066	218.4	0.8992
66.57	-0.015	182.1	-0.0399	166.42	0.059	217.7	0.8646
66.60	-0.007	183	-0.0169	166.50	0.046	216.7	0.8086
66.63	-0.003	183.6	0.0027	166.58	0.025	215	0.7154
66.67	0	184.2	0.024	166.67	0.01	212	0.6063
66.70	0.009	185.2	0.024	166.75	-0.002	209.4	0.3693
66.73	0.013	185.2	0.0533	166.83	-0.019	206.6	0.1837
66.77	0.013	185.9	0.0746	166.92	-0.033	203.1	-0.0071
66.80	0.016	186.6	0.0985	167.00	-0.042	199.8	-0.1651
66.83	0.024	187.6	0.1269	167.08	-0.055	196.3	-0.3142
66.87	0.028	188.4	0.1456	167.17	-0.066	193	-0.4234

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
66.90	0.031	189.2	0.1704	167.27	-0.07	189.6	-0.5202
66.93	0.039	190.1	0.1704	167.33	-0.072	188.1	-0.5539
66.97	0.041	190.1	0.1979	167.42	-0.074	187	-0.5743
67.00	0.041	190.8	0.2166	167.50	-0.069	186.6	-0.5761
67.03	0.044	191.6	0.2379	167.58	-0.062	187.2	-0.5672
67.07	0.051	192.4	0.261	167.67	-0.055	188.1	-0.5335
67.10	0.052	193	0.2752	167.75	-0.043	189.8	-0.4909
67.13	0.054	193.7	0.2903	167.83	-0.031	191.9	-0.4207
67.17	0.058	194.3	0.2903	167.92	-0.02	194.3	-0.3275
67.20	0.058	194.3	0.3053	168.00	-0.004	197.3	-0.1997
67.23	0.06	194.8	0.316	168.08	0.018	201.9	-0.0453
67.27	0.061	195.5	0.3258	168.17	0.032	205.1	0.1269
67.30	0.063	195.9	0.332	168.25	0.044	207.8	0.3977
67.33	0.063	196.3	0.3364	168.33	0.058	210.5	0.5716
67.37	0.063	196.7	0.34	168.42	0.068	212.8	0.6968
67.40	0.063	196.9	0.34	168.50	0.076	214.6	0.7936
67.45	0.062	197.2	0.3417	168.58	0.082	216.2	0.8654
67.48	0.062	197.4	0.3426	168.67	0.086	217.9	0.9081
67.52	0.061	197.6	0.3426	168.77	0.086	218.6	0.9347
67.53	0.059	197.6	0.3417	168.83	0.084	219	0.9347
67.57	0.059	197.7	0.3391	168.92	0.076	219	0.9276
67.60	0.057	197.6	0.3346	169.00	0.064	218.4	0.9089
67.63	0.052	197.5	0.3284	169.08	0.056	217.5	0.8539
67.67	0.05	197.4	0.3231	169.17	0.043	216.5	0.7944
67.70	0.047	197.2	0.3133	169.25	0.027	214.7	0.6941
67.73	0.04	196.9	0.3133	169.33	0.017	212.7	0.577
67.77	0.038	196.9	0.3036	169.42	0	210.4	0.4216
67.80	0.038	196.7	0.2947	169.50	-0.022	207.4	0.229
67.83	0.035	196.2	0.2805	169.58	-0.036	202.3	0.0515
67.87	0.026	195.7	0.2619	169.67	-0.045	199	-0.2015
67.90	0.024	195.2	0.2468	169.75	-0.056	195.7	-0.3364
67.93	0.02	194.6	0.2246	169.83	-0.065	192.6	-0.4429
67.97	0.011	193.8	0.2246	169.92	-0.068	190.2	-0.5104
68.00	0.008	193.8	0.1988	170.00	-0.073	188.3	-0.5566
68.03	0.008	193.3	0.1811	170.08	-0.072	187.2	-0.5761
68.07	0.004	192.4	0.1553	170.18	-0.07	186.6	-0.5787
68.10	-0.005	191.5	0.126	170.25	-0.065	186.8	-0.5681
68.13	-0.007	190.8	0.1056	170.33	-0.057	187.8	-0.5477
68.17	-0.011	189.9	0.079	170.42	-0.041	189.4	-0.5068
68.20	-0.02	188.9	0.079	170.50	-0.028	192.6	-0.4483
68.23	-0.02	188.9	0.0497	170.58	-0.017	195	-0.3071
68.27	-0.022	188.2	0.0284	170.67	-0.001	198	-0.1713
68.30	-0.027	187.1	0.0027	170.75	0.013	201	-0.0142
68.33	-0.033	186.2	-0.0204	170.83	0.026	204	0.1669
68.37	-0.034	185.5	-0.0373	170.92	0.042	207.2	0.3604
68.40	-0.038	184.5	-0.0373	171.00	0.061	211.1	0.5317
68.43	-0.043	183.7	-0.0559	171.08	0.07	213.4	0.6622
68.47	-0.043	183.7	-0.0737	171.17	0.076	215.1	0.8157
68.50	-0.043	183.1	-0.087	171.25	0.083	216.7	0.8832
68.53	-0.047	182.3	-0.1003	171.33	0.086	217.8	0.9196
68.57	-0.049	181.7	-0.1118	171.42	0.086	218.5	0.9365
68.60	-0.05	181.2	-0.1189	171.50	0.084	218.9	0.9391
68.63	-0.051	180.7	-0.1189	171.58	0.074	218.9	0.9294
68.67	-0.052	180.7	-0.126	171.67	0.068	218.6	0.9054
68.70	-0.052	180.3	-0.1305	171.75	0.059	218.1	0.8717
68.73	-0.052	179.9	-0.1331	171.83	0.044	216.8	0.8113
68.77	-0.051	179.7	-0.1331	171.92	0.024	214.3	0.7225
68.80	-0.05	179.5	-0.1331	172.00	0.011	212	0.5281
68.83	-0.049	179.4	-0.1331	172.08	-0.002	210	0.3826
68.87	-0.047	179.3	-0.1331	172.17	-0.019	206.6	0.1793
68.92	-0.047	179.2	-0.1287	172.25	-0.032	203.1	-0.0062
68.95	-0.044	179.4	-0.1234	172.33	-0.042	200.1	-0.1616
68.98	-0.038	179.7	-0.1234	172.42	-0.056	196.2	-0.3231

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
69.02	-0.037	179.7	-0.1172	172.50	-0.066	191.9	-0.4172
69.03	-0.037	179.8	-0.1111	172.58	-0.071	189.5	-0.5326
69.07	-0.034	180.2	-0.1003	172.67	-0.073	188.1	-0.5637
69.10	-0.027	180.7	-0.0888	172.75	-0.072	187.2	-0.5761
69.13	-0.024	181	-0.0781	172.83	-0.071	186.7	-0.5779
69.17	-0.021	181.6	-0.0621	172.92	-0.065	187.1	-0.5663
69.20	-0.013	182.3	-0.0621	173.00	-0.053	188	-0.545
69.23	-0.01	182.3	-0.0417	173.10	-0.043	190	-0.4926
69.27	-0.01	182.8	-0.0266	173.17	-0.035	191.9	-0.4349
69.30	-0.007	183.6	-0.0044	173.25	-0.02	194.4	-0.3382
69.33	0.002	184.4	0.0231	173.33	0.002	197.4	-0.2068
69.37	0.006	185	0.0444	173.42	0.017	201.9	-0.0648
69.40	0.01	185.9	0.0675	173.50	0.029	205	0.2068
69.43	0.018	186.7	0.0675	173.58	0.046	208	0.4021
69.47	0.021	186.7	0.0959	173.67	0.058	210.6	0.5628
69.50	0.021	187.5	0.1154	173.75	0.064	212.9	0.6826
69.53	0.025	188.4	0.1411	173.83	0.076	214.9	0.8042
69.57	0.033	189.2	0.1687	173.92	0.084	216.4	0.8699
69.60	0.035	189.9	0.1908	174.00	0.086	218	0.9107
69.63	0.04	190.9	0.1908	174.08	0.086	218.7	0.9373
69.67	0.046	191.6	0.2166	174.17	0.083	219.1	0.9382
69.70	0.046	191.6	0.2397	174.25	0.076	219.1	0.9267
69.73	0.048	192.2	0.2565	174.33	0.07	218.8	0.9063
69.77	0.052	193.1	0.2752	174.42	0.059	218.1	0.8726
69.80	0.055	193.7	0.2903	174.52	0.039	216.2	0.782
69.83	0.057	194.2	0.3036	174.58	0.029	214.9	0.703
69.87	0.059	194.9	0.3151	174.67	0.017	213.2	0.5841
69.90	0.062	195.5	0.3151	174.75	-0.001	210.5	0.419
69.93	0.062	195.5	0.3267	174.83	-0.023	205.9	0.229
69.97	0.062	195.9	0.3329	174.92	-0.035	202.5	0.0515
70.00	0.063	196.3	0.3382	175.00	-0.046	199.4	-0.2059
70.03	0.064	196.7	0.3426	175.08	-0.057	195.8	-0.3435
70.07	0.063	197	0.3435	175.17	-0.064	192.7	-0.4438
70.10	0.063	197.3	0.3435	175.25	-0.069	190.4	-0.5131
70.13	0.062	197.5	0.3444	175.33	-0.073	188.4	-0.561
70.17	0.062	197.5	0.3444	175.42	-0.072	187.1	-0.5796
70.20	0.061	197.7	0.3426	175.50	-0.07	186.8	-0.5841
70.23	0.059	197.6	0.34	175.58	-0.064	187.2	-0.569
70.27	0.055	197.6	0.3355	175.67	-0.055	188.3	-0.5441
70.30	0.053	197.6	0.3293	175.75	-0.044	190.1	-0.498
70.33	0.048	197.4	0.3293	175.83	-0.034	191.8	-0.4385
70.38	0.047	197.3	0.3178	175.92	-0.018	194.6	-0.3373
70.42	0.044	197.2	0.308	176.02	-0.001	198.5	-0.1713
70.45	0.038	196.7	0.308	176.08	0.012	201.4	-0.0178
70.48	0.034	196.4	0.2956	176.17	0.026	204.4	0.1633
70.50	0.034	196.4	0.284	176.25	0.047	207.6	0.3648
70.53	0.031	196	0.269	176.33	0.06	211.4	0.5139
70.57	0.023	195.3	0.2477	176.42	0.068	213.6	0.7154
70.60	0.019	194.8	0.2308	176.50	0.077	215.4	0.814
70.63	0.016	194.1	0.2077	176.58	0.084	216.9	0.8805
70.67	0.007	193.3	0.2077	176.67	0.085	217.9	0.916
70.70	0.004	193.3	0.1811	176.75	0.086	218.7	0.9347
70.73	0.004	192.7	0.1616	176.83	0.082	219.1	0.9382
70.77	0	191.9	0.1358	176.92	0.074	219.1	0.9302
70.80	-0.009	190.9	0.1056	177.00	0.068	218.7	0.8992
70.83	-0.012	190.2	0.0834	177.08	0.056	218	0.8637
70.87	-0.015	189.3	0.0595	177.17	0.042	216.7	0.7962
70.90	-0.023	188.3	0.0595	177.25	0.032	215.3	0.7119
70.93	-0.026	188.3	0.0311	177.33	0.015	213.3	0.5885
70.97	-0.026	187.5	0.0098	177.43	-0.003	209.8	0.3684
71.00	-0.029	186.5	-0.0115	177.50	-0.017	206.9	0.1908
71.03	-0.035	185.6	-0.0355	177.58	-0.03	203.9	0.0124
71.07	-0.038	184.9	-0.0524	177.67	-0.044	200.2	-0.1669

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
71.10	-0.04	184	-0.0692	177.75	-0.059	195.1	-0.3124
71.13	-0.045	183.2	-0.0692	177.83	-0.066	192.1	-0.419
71.17	-0.046	183.2	-0.087	177.92	-0.07	190	-0.5273
71.20	-0.046	182.6	-0.0985	178.00	-0.073	188.2	-0.5672
71.23	-0.047	181.9	-0.1092	178.08	-0.073	187.4	-0.5805
71.27	-0.051	181.3	-0.1198	178.17	-0.071	186.9	-0.5832
71.30	-0.051	180.9	-0.1252	178.25	-0.066	187.2	-0.5752
71.33	-0.051	180.4	-0.1305	178.33	-0.052	188.8	-0.5503
71.37	-0.052	180.1	-0.1305	178.42	-0.042	190.6	-0.4864
71.40	-0.051	180.1	-0.134	178.50	-0.031	192.4	-0.4181
71.43	-0.051	179.8	-0.1349	178.58	-0.015	195.4	-0.3107
71.47	-0.051	179.6	-0.1358	178.67	-0.005	198.1	-0.1926
71.50	-0.05	179.4	-0.1358	178.75	0.011	201	-0.0408
71.53	-0.048	179.4	-0.1331	178.83	0.033	204.3	0.1518
71.57	-0.046	179.4	-0.1296	178.93	0.043	208.1	0.3684
71.60	-0.042	179.6	-0.1296	179.00	0.054	210.8	0.5388
71.63	-0.04	179.6	-0.1243	179.08	0.066	213.1	0.6826
71.67	-0.04	179.7	-0.1181	179.17	0.078	215.1	0.7971
71.70	-0.037	180	-0.1092	179.25	0.084	217.3	0.8628
71.73	-0.031	180.4	-0.0985	179.33	0.086	218.3	0.924
71.77	-0.028	180.7	-0.0897	179.42	0.086	218.9	0.94
71.82	-0.025	181.1	-0.0826	179.50	0.083	219.3	0.94
71.85	-0.021	181.5	-0.0701	179.58	0.079	219.4	0.9302
71.88	-0.017	182	-0.0533	179.67	0.07	219.1	0.9107
71.92	-0.013	182.7	-0.032	179.75	0.053	218.3	0.8734
71.95	-0.004	183.5	-0.032	179.83	0.039	216.6	0.822
71.97	-0.001	183.5	-0.0062	179.92	0.029	214.9	0.6888
72.00	-0.001	184.1	0.0115	180.00	0.013	212.9	0.561
72.03	0.003	185	0.0373	180.08	-0.002	210.4	0.3932
72.07	0.012	185.8	0.0657	180.17	-0.015	207.6	0.2121
72.10	0.014	186.4	0.0852	180.25	-0.031	204.1	0.0151
72.13	0.018	187.4	0.111	180.35	-0.047	199.3	-0.2095
72.17	0.027	188.3	0.111	180.42	-0.056	196.1	-0.3346
72.20	0.029	188.3	0.1402	180.50	-0.063	193.2	-0.4385
72.23	0.029	189	0.1589	180.58	-0.069	190.6	-0.5131
72.27	0.033	189.9	0.1846	180.67	-0.073	188.1	-0.5583
72.30	0.041	190.7	0.2113	180.75	-0.073	187.3	-0.5787
72.33	0.043	191.4	0.2317	180.83	-0.07	187	-0.5823
72.37	0.047	192.3	0.2548	180.92	-0.064	187.4	-0.5716
72.40	0.052	193	0.2548	181.00	-0.055	188.5	-0.545
72.43	0.052	193	0.2725	181.08	-0.047	189.7	-0.5077
72.47	0.053	193.6	0.2876	181.17	-0.033	192	-0.4429
72.50	0.056	194.3	0.3027	181.25	-0.012	196	-0.3426
72.53	0.06	194.9	0.316	181.33	0	198.9	-0.229
72.57	0.06	195.4	0.3249	181.42	0.014	201.8	0.0071
72.60	0.062	196	0.3249	181.50	0.03	205.1	0.2006
72.63	0.063	196	0.3338	181.58	0.043	208.2	0.3897
72.67	0.063	196.4	0.3391	181.67	0.055	210.5	0.5477
72.70	0.064	196.7	0.3435	181.75	0.068	213.1	0.6888
72.73	0.063	197	0.3453	181.83	0.078	215.6	0.814
72.77	0.062	197.3	0.3462	181.92	0.082	217.1	0.8761
72.80	0.062	197.5	0.3462	182.00	0.085	218.2	0.9178
72.83	0.061	197.7	0.3462	182.08	0.085	218.9	0.9382
72.87	0.06	197.7	0.3462	182.17	0.082	219.5	0.9418
72.90	0.06	197.8	0.3435	182.25	0.077	219.4	0.9267
72.93	0.057	197.8	0.3382	182.33	0.068	219.1	0.9054
72.97	0.052	197.7	0.3329	182.42	0.055	218.2	0.8646
73.00	0.05	197.6	0.3275	182.50	0.045	217	0.8033
73.03	0.047	197.4	0.3178	182.58	0.031	215.6	0.7208
73.07	0.041	197.1	0.3178	182.67	0.01	213.5	0.5938
73.10	0.038	197.1	0.3071	182.75	-0.006	209.8	0.4447
73.13	0.038	196.8	0.2982	182.83	-0.017	206.8	0.1704
73.17	0.035	196.5	0.284	182.92	-0.033	203.5	-0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
73.20	0.027	195.9	0.2654	183.00	-0.046	199.8	-0.1953
73.23	0.024	195.4	0.2503	183.08	-0.054	196.6	-0.3258
73.28	0.02	194.9	0.237	183.17	-0.063	193.4	-0.4385
73.32	0.016	194.4	0.2201	183.27	-0.07	189.9	-0.5361
73.35	0.011	193.8	0.1979	183.33	-0.073	188.3	-0.5708
73.38	0.007	193.1	0.1704	183.42	-0.073	187.4	-0.5867
73.40	-0.002	192.1	0.1704	183.50	-0.071	187	-0.5894
73.43	-0.006	192.1	0.1394	183.58	-0.062	187.6	-0.5787
73.47	-0.006	191.4	0.1172	183.67	-0.053	188.8	-0.5583
73.50	-0.009	190.6	0.0941	183.75	-0.044	190.2	-0.4989
73.53	-0.017	189.5	0.0639	183.83	-0.03	192.6	-0.427
73.57	-0.021	188.7	0.0417	183.92	-0.017	195.2	-0.3222
73.60	-0.023	187.9	0.0178	184.00	-0.005	197.8	-0.2033
73.63	-0.031	186.8	0.0178	184.08	0.012	201.1	-0.0408
73.67	-0.033	186.8	-0.0089	184.17	0.033	205.9	0.1447
73.70	-0.033	186	-0.0284	184.25	0.047	208.8	0.3293
73.73	-0.036	185.2	-0.0479	184.33	0.057	211.2	0.5761
73.77	-0.041	184.2	-0.0683	184.42	0.069	213.6	0.7128
73.80	-0.043	183.6	-0.0826	184.50	0.077	215.5	0.8104
73.83	-0.045	182.8	-0.0959	184.58	0.082	216.9	0.8743
73.87	-0.049	182.1	-0.0959	184.68	0.086	218.5	0.9294
73.90	-0.049	182.1	-0.1092	184.75	0.085	219.1	0.94
73.93	-0.049	181.6	-0.1172	184.83	0.084	219.6	0.9418
73.97	-0.05	181	-0.1252	184.92	0.079	219.7	0.9329
74.00	-0.052	180.6	-0.1314	185.00	0.066	219.2	0.9116
74.03	-0.051	180.2	-0.134	185.08	0.052	218	0.8797
74.07	-0.051	179.9	-0.1358	185.17	0.043	216.7	0.79
74.10	-0.051	179.7	-0.1358	185.25	0.028	215.2	0.6959
74.13	-0.05	179.7	-0.1358	185.33	0.013	213.1	0.5628
74.17	-0.05	179.5	-0.1358	185.42	0.001	210.6	0.4074
74.20	-0.049	179.4	-0.1349	185.50	-0.016	207.8	0.2192
74.23	-0.046	179.5	-0.1314	185.58	-0.036	204.5	0.0275
74.27	-0.044	179.5	-0.126	185.67	-0.048	199.1	-0.1394
74.30	-0.041	179.8	-0.1198	185.75	-0.056	195.9	-0.3533
74.33	-0.036	180.1	-0.1198	185.83	-0.065	192.8	-0.4589
74.37	-0.036	180.1	-0.1118	185.92	-0.07	190.4	-0.5264
74.40	-0.034	180.3	-0.1039	186.00	-0.072	188.7	-0.5654
74.43	-0.029	180.9	-0.0914	186.08	-0.073	187.7	-0.5858
74.47	-0.024	181.3	-0.079	186.18	-0.07	187.1	-0.5885
74.50	-0.021	181.7	-0.0639	186.25	-0.064	187.5	-0.577
74.53	-0.014	182.5	-0.0639	186.33	-0.057	188.3	-0.5548
74.57	-0.009	183	-0.0444	186.42	-0.045	190	-0.5139
74.60	-0.009	183	-0.0266	186.50	-0.027	193.2	-0.4491
74.63	-0.006	183.6	-0.0062	186.58	-0.014	196	-0.3604
74.67	0.001	184.5	0.0204	186.67	-0.002	198.6	-0.1687
74.72	0.006	185.2	0.0426	186.75	0.015	201.9	-0.0009
74.75	0.007	185.7	0.0568	186.83	0.028	205.1	0.1811
74.78	0.014	186.6	0.0817	186.92	0.042	207.9	0.3675
74.80	0.019	187.4	0.1065	187.00	0.056	210.7	0.5441
74.85	0.023	188.1	0.1314	187.08	0.071	214.1	0.6773
74.87	0.03	189.1	0.1314	187.17	0.078	215.9	0.8282
74.90	0.034	189.1	0.1589	187.25	0.083	217.2	0.8885
74.93	0.034	189.9	0.182	187.33	0.086	218.4	0.9258
74.97	0.037	190.6	0.205	187.42	0.086	219.1	0.9427
75.00	0.044	191.5	0.2308	187.50	0.084	219.5	0.9436
75.03	0.047	192.2	0.2494	187.60	0.077	219.6	0.9311
75.07	0.049	192.9	0.2672	187.67	0.066	219.2	0.9081
75.10	0.054	193.6	0.2672	187.75	0.059	218.4	0.8726
75.13	0.056	193.6	0.2867	187.83	0.046	217.4	0.8166
75.17	0.056	194.2	0.3009	187.92	0.025	215.7	0.7234
75.20	0.057	194.8	0.3124	188.00	0.01	212.8	0.6134
75.23	0.061	195.4	0.3249	188.08	-0.002	210.2	0.3675
75.27	0.062	195.9	0.332	188.17	-0.019	207.2	0.182

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
75.30	0.063	196.4	0.34	188.25	-0.033	203.7	-0.0169
75.33	0.063	196.8	0.34	188.33	-0.042	200.4	-0.174
75.37	0.063	196.8	0.3444	188.42	-0.055	196.9	-0.3204
75.40	0.063	197.1	0.3471	188.50	-0.066	193.6	-0.4376
75.43	0.063	197.4	0.3488	188.58	-0.071	190	-0.5086
75.47	0.062	197.6	0.3488	188.67	-0.073	188.5	-0.5743
75.50	0.062	197.8	0.3488	188.75	-0.073	187.5	-0.5894
75.53	0.06	197.9	0.3462	188.83	-0.07	187.3	-0.5903
75.57	0.057	197.9	0.3462	188.92	-0.066	187.4	-0.5796
75.60	0.054	197.9	0.3417	189.00	-0.057	188.4	-0.5583
75.63	0.054	197.9	0.3382	189.10	-0.044	190.4	-0.5086
75.67	0.052	197.8	0.3311	189.17	-0.032	192.6	-0.4349
75.70	0.047	197.5	0.3231	189.25	-0.02	195	-0.34
75.73	0.043	197.3	0.3142	189.33	-0.004	198.1	-0.2068
75.77	0.041	197.1	0.3036	189.42	0.019	202.7	-0.0488
75.80	0.033	196.6	0.3036	189.50	0.031	206	0.2272
75.83	0.03	196.6	0.2885	189.58	0.044	208.6	0.3977
75.87	0.03	196.2	0.2752	189.67	0.058	211.3	0.5672
75.90	0.027	195.7	0.2583	189.75	0.066	213.6	0.6932
75.93	0.018	195	0.2343	189.83	0.076	215.4	0.8024
75.97	0.015	194.5	0.2148	189.92	0.084	217	0.8699
76.00	0.011	193.7	0.1908	190.00	0.086	218.6	0.9143
76.03	0.002	192.9	0.1908	190.08	0.086	219.3	0.9427
76.07	-0.001	192.9	0.1624	190.17	0.083	219.6	0.9427
76.10	-0.001	192.2	0.1411	190.25	0.076	219.6	0.9311
76.13	-0.005	191.4	0.1145	190.33	0.07	219.2	0.9107
76.18	-0.015	190.3	0.0843	190.42	0.059	218.7	0.877
76.22	-0.015	189.8	0.0701	190.52	0.043	217.1	0.7971
76.25	-0.017	189	0.0488	190.58	0.027	215.4	0.6986
76.28	-0.026	188	0.0195	190.67	0.017	213.5	0.5823
76.30	-0.028	187.3	0.0009	190.75	0	211.1	0.4225
76.33	-0.031	186.3	-0.0222	190.83	-0.022	208.1	0.2299
76.37	-0.037	185.3	-0.0222	190.92	-0.035	203.1	0.0515
76.40	-0.039	185.3	-0.0453	191.00	-0.045	199.8	-0.2086
76.43	-0.039	184.6	-0.0612	191.08	-0.057	196.2	-0.3524
76.47	-0.041	183.8	-0.079	191.17	-0.065	193	-0.4571
76.50	-0.046	183	-0.095	191.25	-0.069	190.8	-0.5237
76.53	-0.047	182.4	-0.1056	191.33	-0.073	188.9	-0.5672
76.57	-0.048	181.8	-0.1154	191.42	-0.072	187.5	-0.5885
76.60	-0.051	181.2	-0.1154	191.50	-0.069	187.3	-0.5921
76.63	-0.051	181.2	-0.1243	191.58	-0.064	187.6	-0.577
76.67	-0.051	180.8	-0.1296	191.67	-0.054	188.9	-0.5512
76.70	-0.051	180.4	-0.134	191.75	-0.045	190.5	-0.5068
76.73	-0.051	180.1	-0.1358	191.83	-0.035	192.3	-0.4456
76.77	-0.051	179.8	-0.1367	191.92	-0.018	195.2	-0.34
76.80	-0.05	179.7	-0.1367	192.00	-0.001	198.9	-0.1811
76.83	-0.049	179.5	-0.1367	192.08	0.011	201.9	-0.0302
76.87	-0.047	179.5	-0.1367	192.17	0.027	204.8	0.1536
76.90	-0.047	179.5	-0.1331	192.25	0.047	208	0.3515
76.93	-0.045	179.6	-0.1287	192.33	0.061	211.9	0.5148
76.97	-0.04	179.8	-0.1225	192.42	0.068	214.1	0.7217
77.00	-0.038	180	-0.1163	192.50	0.077	215.9	0.8211
77.03	-0.035	180.3	-0.1074	192.58	0.084	217.4	0.885
77.07	-0.029	180.7	-0.1074	192.67	0.086	218.4	0.924
77.10	-0.027	180.7	-0.0968	192.75	0.086	219.2	0.9436
77.13	-0.027	181.1	-0.0861	192.83	0.082	219.7	0.9462
77.17	-0.023	181.7	-0.0701	192.92	0.074	219.6	0.9382
77.20	-0.015	182.3	-0.0506	193.00	0.068	219.2	0.9072
77.23	-0.012	182.8	-0.0364	193.08	0.056	218.5	0.8708
77.27	-0.008	183.6	-0.0142	193.17	0.042	217.2	0.8033
77.30	0	184.3	-0.0142	193.25	0.032	215.7	0.7163
77.33	0	184.3	0.0115	193.33	0.015	213.7	0.5912
77.37	0.003	184.9	0.0355	193.43	-0.003	210.3	0.3719

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
77.40	0.009	186	0.0639	193.50	-0.017	207.4	0.1908
77.43	0.016	186.7	0.0897	193.58	-0.03	204.3	0.0071
77.47	0.018	187.4	0.1101	193.67	-0.044	200.5	-0.174
77.50	0.025	188.4	0.1101	193.75	-0.059	197.1	-0.3169
77.53	0.031	189.2	0.1385	193.83	-0.066	192.6	-0.4234
77.57	0.031	189.2	0.1624	193.92	-0.07	190.4	-0.5335
77.60	0.033	189.9	0.1837	194.00	-0.073	188.6	-0.5743
77.65	0.042	191.4	0.2113	194.08	-0.073	187.7	-0.5894
77.68	0.042	191.4	0.2255	194.17	-0.071	187.3	-0.5912
77.72	0.044	192.1	0.2441	194.25	-0.066	187.5	-0.5823
77.75	0.049	192.9	0.2663	194.33	-0.052	189.2	-0.5583
77.77	0.053	193.6	0.284	194.42	-0.042	191	-0.5228
77.80	0.054	194.2	0.2974	194.50	-0.031	192.8	-0.4261
77.83	0.058	194.8	0.2974	194.58	-0.015	195.8	-0.3169
77.87	0.06	195.4	0.3124	194.67	-0.003	198.7	-0.1882
77.90	0.06	195.4	0.3231	194.75	0.011	201.5	-0.032
77.93	0.061	195.9	0.332	194.85	0.033	206.2	0.2343
77.97	0.062	196.4	0.34	194.92	0.044	208.8	0.3799
78.00	0.063	196.8	0.3453	195.00	0.056	211.5	0.5663
78.03	0.063	197.2	0.3488	195.08	0.067	213.6	0.6959
78.07	0.063	197.5	0.3488	195.17	0.078	215.6	0.8007
78.10	0.062	197.7	0.3506	195.25	0.084	217.8	0.869
78.13	0.062	197.7	0.3506	195.33	0.086	218.8	0.932
78.17	0.062	197.9	0.3506	195.42	0.086	219.4	0.948
78.20	0.061	198	0.3497	195.50	0.083	219.8	0.9507
78.23	0.058	198.1	0.3462	195.58	0.078	219.8	0.9409
78.27	0.056	198.1	0.3409	195.67	0.07	219.5	0.9205
78.30	0.052	197.9	0.3409	195.75	0.054	218.6	0.8814
78.33	0.047	197.7	0.3346	195.83	0.039	216.9	0.8291
78.37	0.047	197.7	0.3275	195.92	0.029	215.2	0.6941
78.40	0.046	197.6	0.3187	196.00	0.013	213.3	0.5654
78.43	0.04	197.2	0.308	196.08	-0.003	210.7	0.3923
78.47	0.035	196.9	0.2965	196.17	-0.014	207.8	0.2139
78.50	0.033	196.6	0.2823	196.25	-0.03	204.6	0.0195
78.53	0.026	195.9	0.2823	196.35	-0.046	199.6	-0.2139
78.57	0.021	195.4	0.2627	196.42	-0.057	196.2	-0.348
78.60	0.021	195.4	0.2441	196.50	-0.063	193.4	-0.4447
78.63	0.018	194.8	0.2237	196.58	-0.069	190.9	-0.5175
78.67	0.01	194	0.1988	196.67	-0.073	188.9	-0.5654
78.70	0.005	193.3	0.1758	196.75	-0.073	187.5	-0.5876
78.73	0.002	192.6	0.1491	196.83	-0.07	187.3	-0.5903
78.77	-0.006	191.6	0.1491	196.92	-0.064	187.7	-0.5787
78.80	-0.01	191.6	0.1198	197.00	-0.055	188.8	-0.5512
78.83	-0.01	190.9	0.0985	197.08	-0.047	190.1	-0.5122
78.87	-0.013	190	0.0719	197.17	-0.033	192.4	-0.4474
78.90	-0.021	189	0.0435	197.25	-0.012	196.4	-0.3497
78.93	-0.024	188.2	0.0213	197.33	0	199.3	-0.2343
78.97	-0.027	187.3	-0.0018	197.42	0.014	202.2	0.0071
79.00	-0.034	186.2	-0.0018	197.50	0.031	205.6	0.205
79.03	-0.036	186.2	-0.0275	197.58	0.043	208.6	0.3914
79.08	-0.037	184.9	-0.0568	197.67	0.055	211	0.5512
79.12	-0.042	184	-0.0568	197.77	0.069	214.3	0.7341
79.15	-0.044	184	-0.0746	197.83	0.078	216.1	0.8202
79.17	-0.044	183.4	-0.0879	197.92	0.082	217.6	0.885
79.20	-0.046	182.7	-0.1012	198.00	0.085	218.6	0.9258
79.23	-0.049	182	-0.1136	198.08	0.085	219.3	0.9453
79.27	-0.05	181.5	-0.1225	198.17	0.082	219.9	0.9489
79.30	-0.051	181	-0.1287	198.25	0.077	219.8	0.9347
79.33	-0.052	180.6	-0.1287	198.33	0.068	219.5	0.9125
79.37	-0.051	180.6	-0.1331	198.42	0.054	218.6	0.8708
79.40	-0.051	180.3	-0.1349	198.50	0.047	217.4	0.814
79.43	-0.051	180	-0.1367	198.58	0.031	216	0.7261
79.47	-0.05	179.8	-0.1367	198.67	0.01	213.9	0.6

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
79.50	-0.05	179.6	-0.1367	198.75	-0.006	210.1	0.4518
79.53	-0.048	179.6	-0.134	198.83	-0.018	207.3	0.1704
79.57	-0.045	179.7	-0.134	198.92	-0.033	203.8	-0.0231
79.60	-0.042	179.7	-0.1305	199.00	-0.045	200.2	-0.1935
79.63	-0.042	179.8	-0.1252	199.08	-0.054	197.1	-0.3275
79.67	-0.04	180	-0.1181	199.17	-0.064	193.6	-0.4447
79.70	-0.034	180.3	-0.1101	199.27	-0.07	190.4	-0.5317
79.73	-0.032	180.6	-0.1003	199.33	-0.073	188.7	-0.5725
79.77	-0.029	181.1	-0.0888	199.42	-0.073	187.7	-0.5903
79.80	-0.021	181.7	-0.0888	199.50	-0.071	187.3	-0.5921
79.83	-0.019	181.7	-0.0737	199.58	-0.062	187.9	-0.5823
79.87	-0.019	182.1	-0.0595	199.67	-0.053	189.2	-0.5628
79.90	-0.014	182.8	-0.0399	199.75	-0.044	190.6	-0.5015
79.93	-0.006	183.5	-0.016	199.83	-0.03	193	-0.4287
79.97	-0.004	184.1	0.0044	199.92	-0.018	195.7	-0.3258
80.00	0.002	185	0.032	200.00	-0.004	198.3	-0.1979
80.03	0.009	185.8	0.032	200.08	0.017	201.6	-0.0311
80.07	0.009	185.8	0.0568	200.17	0.032	206.2	0.1323
80.10	0.012	186.4	0.0781	200.25	0.044	209.1	0.4101
80.13	0.018	187.5	0.1074	200.33	0.058	211.6	0.5814
80.17	0.025	188.3	0.1331	200.42	0.069	214	0.7146
80.20	0.027	189	0.1553	200.50	0.076	215.8	0.8122
80.23	0.033	190	0.1553	200.58	0.082	217.2	0.8823
80.27	0.039	190.7	0.182	200.68	0.086	218.8	0.9382
80.30	0.039	190.7	0.2068	200.75	0.086	219.5	0.9498
80.33	0.041	191.4	0.2272	200.83	0.084	219.9	0.9516
80.37	0.046	192.3	0.2503	200.92	0.079	220	0.9427
80.40	0.05	193	0.2698	201.00	0.066	219.6	0.9214
80.43	0.052	193.6	0.2849	201.08	0.052	218.4	0.8903
80.47	0.056	194.3	0.2849	201.17	0.044	217.2	0.8007
80.50	0.058	194.3	0.3018	201.25	0.028	215.7	0.7048
80.55	0.058	195.4	0.3231	201.33	0.013	213.5	0.5734
80.58	0.061	196	0.3231	201.42	0.001	211.1	0.4172
80.62	0.062	196.4	0.332	201.50	-0.016	208.2	0.2246
80.65	0.062	196.4	0.34	201.58	-0.036	204.8	0.024
80.67	0.062	196.8	0.3453	201.67	-0.048	199.5	-0.1394
80.70	0.063	197.2	0.3497	201.75	-0.056	196.3	-0.3568
80.73	0.063	197.5	0.3533	201.83	-0.065	193.1	-0.4598
80.77	0.063	197.8	0.3533	201.92	-0.07	190.7	-0.529
80.80	0.062	198	0.3533	202.00	-0.073	189	-0.5699
80.83	0.061	198.1	0.3533	202.08	-0.073	187.9	-0.5894
80.87	0.061	198.1	0.3533	202.18	-0.07	187.3	-0.5921
80.90	0.059	198.2	0.3488	202.25	-0.064	187.8	-0.5805
80.93	0.056	198.1	0.3444	202.33	-0.057	188.5	-0.5566
80.97	0.052	198.1	0.34	202.42	-0.045	190.3	-0.5175
81.00	0.051	198	0.332	202.50	-0.027	193.5	-0.4518
81.03	0.045	197.7	0.332	202.58	-0.015	196.3	-0.363
81.07	0.041	197.5	0.3231	202.67	-0.002	199	-0.1687
81.10	0.041	197.5	0.3151	202.75	0.015	202.3	-0.0018
81.13	0.039	197.2	0.3018	202.83	0.028	205.5	0.1891
81.17	0.031	196.6	0.2858	202.92	0.042	208.3	0.3728
81.20	0.028	196.3	0.2716	203.00	0.056	211.1	0.5548
81.23	0.025	195.8	0.253	203.08	0.072	214.5	0.6888
81.27	0.017	195	0.253	203.17	0.078	216.4	0.8379
81.30	0.012	195	0.229	203.25	0.083	217.7	0.8992
81.33	0.012	194.4	0.2086	203.33	0.087	218.8	0.9391
81.37	0.009	193.8	0.1864	203.42	0.086	219.5	0.9516
81.40	0	192.8	0.1562	203.50	0.084	219.9	0.9533
81.43	-0.003	192.1	0.134	203.60	0.077	220	0.9418
81.47	-0.007	191.2	0.1065	203.67	0.066	219.5	0.9178
81.50	-0.015	190.2	0.1065	203.75	0.059	218.7	0.8814
81.53	-0.019	190.2	0.0763	203.83	0.046	217.7	0.8246
81.57	-0.019	189.5	0.0541	203.92	0.025	216.1	0.7323

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
81.60	-0.021	188.6	0.0302	204.00	0.01	213.1	0.6187
81.63	-0.029	187.5	0.0009	204.08	-0.002	210.5	0.3764
81.67	-0.031	186.7	-0.0186	204.17	-0.019	207.5	0.1802
81.70	-0.034	185.8	-0.0391	204.25	-0.033	204	-0.0169
81.73	-0.04	184.9	-0.0391	204.33	-0.042	200.7	-0.1766
81.77	-0.042	184.9	-0.0604	204.42	-0.055	197.2	-0.324
81.80	-0.042	184.2	-0.0754	204.50	-0.066	193.8	-0.442
81.83	-0.044	183.4	-0.0905	204.58	-0.071	190.2	-0.5131
81.87	-0.048	182.6	-0.1056	204.67	-0.073	188.8	-0.577
81.90	-0.049	182.1	-0.1154	204.75	-0.073	187.8	-0.5929
81.93	-0.05	181.6	-0.1234	204.83	-0.07	187.5	-0.5938
81.98	-0.051	181.1	-0.1296	204.92	-0.066	187.7	-0.5823
82.02	-0.051	180.7	-0.1331	205.02	-0.053	189.2	-0.5494
82.05	-0.051	180.4	-0.1358	205.08	-0.044	190.6	-0.5113
82.08	-0.051	180.1	-0.1358	205.17	-0.031	193	-0.4341
82.12	-0.051	180.1	-0.1376	205.25	-0.02	195.2	-0.3417
82.13	-0.051	179.9	-0.1376	205.33	-0.004	198.4	-0.2086
82.17	-0.05	179.7	-0.1376	205.42	0.018	203	-0.0497
82.20	-0.048	179.7	-0.1358	205.50	0.031	206.3	0.1278
82.23	-0.046	179.6	-0.1314	205.58	0.044	208.9	0.4101
82.27	-0.043	179.9	-0.1314	205.67	0.058	211.7	0.5867
82.30	-0.039	180.1	-0.126	205.75	0.068	214.1	0.7172
82.33	-0.039	180.1	-0.1198	205.83	0.075	215.8	0.8131
82.37	-0.037	180.2	-0.1127	205.92	0.083	217.4	0.8868
82.40	-0.032	180.7	-0.103	206.00	0.086	219	0.9276
82.43	-0.028	181.1	-0.0914	206.08	0.086	219.7	0.9542
82.47	-0.025	181.5	-0.079	206.17	0.083	220	0.9533
82.50	-0.018	182.2	-0.079	206.25	0.076	220	0.9436
82.53	-0.014	182.2	-0.0604	206.33	0.069	219.5	0.9214
82.57	-0.014	182.7	-0.0444	206.42	0.059	219	0.8859
82.60	-0.011	183.2	-0.0249	206.52	0.043	217.4	0.8024
82.63	-0.003	184.1	0.0018	206.58	0.027	215.7	0.7039
82.67	0.002	184.8	0.0231	206.67	0.017	213.7	0.5867
82.70	0.005	185.5	0.047	206.75	0	211.4	0.4234
82.73	0.013	186.5	0.047	206.83	-0.021	208.4	0.2308
82.77	0.017	186.5	0.0754	206.92	-0.036	203.3	0.0479
82.80	0.017	187.2	0.0976	207.00	-0.045	200	-0.213
82.83	0.02	188	0.1243	207.08	-0.057	196.5	-0.3568
82.87	0.029	189	0.1527	207.17	-0.065	193.3	-0.4625
82.90	0.031	189.7	0.174	207.25	-0.069	191	-0.529
82.93	0.035	190.6	0.1988	207.33	-0.073	189.2	-0.5761
82.97	0.043	191.5	0.1988	207.42	-0.072	188.1	-0.5956
83.00	0.045	191.5	0.2281	207.50	-0.07	187.6	-0.5992
83.03	0.045	192.2	0.2468	207.58	-0.064	187.9	-0.5832
83.07	0.047	192.9	0.2663	207.67	-0.054	189.1	-0.5583
83.10	0.053	193.6	0.2876	207.75	-0.044	190.8	-0.5113
83.13	0.055	194.2	0.3009	207.83	-0.034	192.6	-0.4509
83.17	0.056	194.9	0.3142	207.93	-0.016	196.3	-0.3169
83.20	0.061	195.6	0.3142	208.00	-0.001	199.2	-0.1882
83.23	0.061	195.6	0.3284	208.08	0.012	202.3	-0.0204
83.27	0.061	196	0.3355	208.17	0.026	205.3	0.1651
83.30	0.062	196.5	0.3435	208.25	0.043	208.5	0.3675
83.33	0.064	197	0.3506	208.33	0.061	212.4	0.5379
83.37	0.063	197.3	0.3533	208.42	0.068	214.6	0.7261
83.40	0.063	197.6	0.3551	208.50	0.077	216.3	0.8237
83.45	0.063	197.8	0.3559	208.58	0.084	217.8	0.8921
83.48	0.062	198.1	0.3568	208.67	0.085	218.9	0.9276
83.50	0.062	198.3	0.3559	208.75	0.086	219.6	0.948
83.53	0.059	198.3	0.3559	208.83	0.082	220	0.9516
83.57	0.057	198.3	0.3542	208.92	0.074	220	0.9436
83.60	0.057	198.3	0.3488	209.00	0.068	219.5	0.9125
83.63	0.055	198.2	0.3435	209.08	0.056	218.9	0.8734
83.67	0.049	198.1	0.3373	209.17	0.041	217.5	0.8042

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
83.70	0.047	198	0.3284	209.25	0.032	216	0.7181
83.73	0.043	197.6	0.3178	209.33	0.016	214.1	0.5947
83.77	0.037	197.3	0.3178	209.43	-0.003	210.8	0.3861
83.80	0.037	197.3	0.3062	209.50	-0.017	207.8	0.1917
83.83	0.035	197	0.2938	209.58	-0.029	204.7	0.0053
83.87	0.029	196.4	0.2761	209.67	-0.044	200.9	-0.1802
83.90	0.023	195.9	0.2574	209.75	-0.059	197.4	-0.3267
83.93	0.02	195.4	0.2379	209.83	-0.066	192.9	-0.4358
83.97	0.013	194.5	0.2379	209.92	-0.07	190.7	-0.5432
84.00	0.007	193.8	0.2121	210.00	-0.073	188.9	-0.585
84.03	0.007	193.8	0.1882	210.08	-0.073	188	-0.5983
84.07	0.004	193.2	0.1651	210.17	-0.071	187.6	-0.6009
84.10	-0.003	192.2	0.1358	210.25	-0.065	187.8	-0.5921
84.13	-0.009	191.4	0.1101	210.33	-0.053	189.4	-0.5681
84.17	-0.011	190.7	0.087	210.42	-0.041	191.3	-0.5317
84.20	-0.018	189.6	0.087	210.50	-0.032	193.2	-0.4358
84.23	-0.023	189.6	0.0577	210.58	-0.016	196.1	-0.3293
84.27	-0.023	188.8	0.0328	210.67	-0.002	199.1	-0.1926
84.30	-0.025	187.9	0.0098	210.75	0.01	201.9	-0.0399
84.33	-0.032	186.9	-0.0169	210.85	0.032	206.6	0.2281
84.37	-0.035	186.1	-0.0364	210.92	0.044	209.1	0.3772
84.40	-0.037	185.2	-0.055	211.00	0.057	211.9	0.5708
84.43	-0.043	184.3	-0.055	211.08	0.066	214	0.7012
84.47	-0.044	184.3	-0.0754	211.17	0.076	216	0.8069
84.50	-0.044	183.7	-0.0888	211.25	0.084	218.2	0.8761
84.53	-0.046	182.9	-0.103	211.33	0.086	219.2	0.9223
84.57	-0.05	182.2	-0.1163	211.42	0.086	219.9	0.9498
84.60	-0.05	181.7	-0.1234	211.50	0.083	220.2	0.9498
84.63	-0.051	181.2	-0.1287	211.58	0.078	220.2	0.9391
84.67	-0.052	180.8	-0.1287	211.67	0.07	219.9	0.9187
84.70	-0.051	180.8	-0.134	211.75	0.057	219.1	0.8832
84.73	-0.051	180.5	-0.1367	211.83	0.038	217.2	0.8228
84.77	-0.051	180.2	-0.1385	211.92	0.027	215.5	0.6799
84.80	-0.051	180	-0.1385	212.00	0.013	213.7	0.553
84.83	-0.05	179.9	-0.1385	212.08	-0.004	210.8	0.3737
84.88	-0.048	179.9	-0.1349	212.17	-0.015	208.1	0.2033
84.92	-0.046	179.8	-0.1331	212.25	-0.03	204.9	0.0133
84.95	-0.044	179.8	-0.1287	212.35	-0.045	200.3	-0.2068
84.98	-0.041	180.1	-0.1225	212.42	-0.057	196.6	-0.3559
85.02	-0.036	180.4	-0.1225	212.50	-0.063	193.6	-0.4562
85.03	-0.036	180.4	-0.1145	212.58	-0.069	191.2	-0.5335
85.07	-0.034	180.6	-0.1056	212.67	-0.073	189.2	-0.5814
85.10	-0.03	181.2	-0.0923	212.75	-0.073	187.8	-0.6
85.13	-0.023	181.6	-0.0799	212.83	-0.07	187.6	-0.6018
85.17	-0.021	182	-0.0648	212.92	-0.064	188	-0.5903
85.20	-0.015	182.8	-0.0648	213.00	-0.054	189.2	-0.5628
85.23	-0.009	183.4	-0.047	213.08	-0.047	190.7	-0.5219
85.27	-0.009	183.4	-0.0275	213.17	-0.034	192.7	-0.4598
85.30	-0.006	184	-0.0062	213.25	-0.013	195.4	-0.3595
85.33	0.001	184.9	0.0213	213.33	0.001	199.7	-0.2423
85.37	0.006	185.6	0.0444	213.42	0.013	202.8	0.0018
85.40	0.009	186.3	0.0692	213.50	0.03	206	0.1953
85.43	0.018	187.3	0.0692	213.58	0.044	209	0.3888
85.47	0.022	187.3	0.0994	213.67	0.054	211.6	0.5494
85.50	0.022	188.1	0.1225	213.77	0.068	214.7	0.7314
85.53	0.025	188.9	0.1447	213.83	0.077	216.6	0.822
85.57	0.032	189.8	0.1749	213.92	0.083	218	0.8876
85.60	0.035	190.5	0.1962	214.00	0.086	219	0.9294
85.63	0.039	191.4	0.221	214.08	0.086	219.8	0.9498
85.67	0.046	192.2	0.221	214.17	0.082	220.4	0.9524
85.70	0.048	192.2	0.2477	214.25	0.075	220.2	0.9444
85.73	0.048	192.9	0.2663	214.33	0.068	219.9	0.9143
85.77	0.05	193.6	0.284	214.42	0.055	219	0.8743

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
85.80	0.056	194.3	0.3027	214.50	0.043	217.8	0.8086
85.83	0.057	194.9	0.3151	214.58	0.032	216.4	0.7199
85.87	0.058	195.6	0.3267	214.67	0.015	214.2	0.5921
85.90	0.062	196.1	0.3267	214.75	-0.007	210.4	0.4296
85.93	0.062	196.1	0.3391	214.83	-0.02	207.3	0.2485
85.97	0.062	196.6	0.3453	214.92	-0.032	204.2	-0.0382
86.00	0.063	197	0.3506	215.00	-0.047	200.3	-0.2175
86.03	0.063	197.4	0.3551	215.08	-0.056	196.9	-0.3551
86.07	0.063	197.7	0.3577	215.18	-0.066	192.7	-0.4909
86.10	0.063	197.9	0.3586	215.25	-0.07	190.7	-0.545
86.13	0.062	198.1	0.3586	215.33	-0.073	188.9	-0.5867
86.17	0.061	198.1	0.3586	215.42	-0.073	188	-0.6018
86.20	0.061	198.3	0.3568	215.50	-0.071	187.6	-0.6036
86.23	0.059	198.3	0.3533	215.58	-0.063	188	-0.5947
86.27	0.055	198.3	0.3488	215.67	-0.052	189.6	-0.5734
86.30	0.053	198.3	0.3444	215.75	-0.045	191.2	-0.5122
86.35	0.051	198.2	0.34	215.83	-0.031	193.2	-0.442
86.38	0.047	198.1	0.3338	215.92	-0.016	196.1	-0.3338
86.42	0.044	197.9	0.324	216.00	-0.006	198.9	-0.2121
86.45	0.041	197.4	0.3116	216.08	0.011	201.9	-0.0506
86.47	0.033	197	0.3116	216.17	0.033	205.2	0.1438
86.50	0.031	197	0.2965	216.25	0.047	209.7	0.3275
86.53	0.031	196.7	0.2832	216.33	0.057	212.2	0.5841
86.57	0.026	196	0.2636	216.42	0.069	214.4	0.719
86.60	0.018	195.4	0.2406	216.50	0.078	216.4	0.8211
86.63	0.016	194.9	0.2184	216.58	0.081	217.8	0.885
86.67	0.008	194	0.2184	216.68	0.086	219.4	0.9418
86.70	0.002	193.3	0.1908	216.75	0.086	220	0.9542
86.73	0.002	193.3	0.1669	216.83	0.084	220.4	0.9551
86.77	0	192.6	0.1438	216.92	0.078	220.5	0.9444
86.80	-0.007	191.6	0.1145	217.00	0.068	220.1	0.924
86.83	-0.013	190.8	0.0888	217.08	0.052	218.8	0.8876
86.87	-0.016	190.1	0.0639	217.17	0.041	217.5	0.8362
86.90	-0.022	188.9	0.0639	217.25	0.029	216.1	0.6977
86.93	-0.028	188	0.0346	217.33	0.012	213.8	0.5601
86.97	-0.028	188	0.008	217.42	-0.001	211.2	0.3906
87.00	-0.029	187.3	-0.0107	217.50	-0.015	208.5	0.2148
87.03	-0.034	186.2	-0.0337	217.58	-0.035	205.1	0.0142
87.07	-0.038	185.4	-0.0533	217.67	-0.048	199.8	-0.1536
87.10	-0.04	184.6	-0.071	217.75	-0.056	196.5	-0.3684
87.13	-0.045	183.7	-0.071	217.83	-0.064	193.4	-0.4749
87.17	-0.046	183.7	-0.0897	217.92	-0.071	190.9	-0.5459
87.20	-0.046	183.1	-0.1021	218.00	-0.072	189.2	-0.585
87.23	-0.048	182.5	-0.1136	218.10	-0.072	187.9	-0.6071
87.27	-0.05	181.8	-0.1234	218.17	-0.07	187.6	-0.6071
87.30	-0.051	181.4	-0.1305	218.25	-0.063	188.1	-0.5947
87.33	-0.051	181	-0.1349	218.33	-0.058	189	-0.5708
87.37	-0.051	180.6	-0.1349	218.42	-0.046	190.5	-0.5317
87.40	-0.051	180.6	-0.1376	218.50	-0.028	192.8	-0.4616
87.43	-0.051	180.4	-0.1385	218.58	-0.013	196.7	-0.3764
87.47	-0.051	180.1	-0.1394	218.67	-0.002	199.5	-0.182
87.50	-0.05	179.9	-0.1394	218.75	0.014	202.7	-0.0115
87.53	-0.048	179.9	-0.1367	218.83	0.029	205.9	0.1811
87.57	-0.046	179.9	-0.1323	218.92	0.041	208.8	0.3657
87.60	-0.042	180.1	-0.1323	219.00	0.056	211.6	0.5503
87.63	-0.039	180.1	-0.1269	219.08	0.071	214	0.6879
87.67	-0.039	180.3	-0.1216	219.17	0.079	216.8	0.7927
87.70	-0.037	180.5	-0.1136	219.25	0.083	218.1	0.8983
87.73	-0.031	180.9	-0.1039	219.33	0.086	219.2	0.9347
87.77	-0.028	181.3	-0.0932	219.42	0.086	219.9	0.9524
87.82	-0.025	181.6	-0.0852	219.50	0.084	220.4	0.9533
87.85	-0.021	182	-0.0737	219.60	0.077	220.5	0.9418
87.88	-0.017	182.5	-0.0568	219.67	0.066	220	0.9187

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
87.90	-0.013	183.3	-0.0346	219.75	0.059	219.2	0.8814
87.93	-0.004	184.1	-0.0346	219.83	0.046	218.2	0.8237
87.97	-0.001	184.1	-0.0071	219.92	0.025	216.5	0.7279
88.00	-0.001	184.7	0.0124	220.00	0.01	213.5	0.6151
88.03	0.003	185.5	0.0373	220.08	-0.002	210.9	0.3693
88.07	0.011	186.4	0.0666	220.17	-0.019	208	0.1749
88.10	0.014	187.1	0.0879	220.25	-0.033	204.5	-0.0257
88.13	0.018	188	0.1154	220.33	-0.042	201	-0.1882
88.17	0.027	188.9	0.1154	220.42	-0.055	197.6	-0.3373
88.20	0.029	188.9	0.1447	220.50	-0.066	194.2	-0.4527
88.23	0.029	189.6	0.1651	220.58	-0.072	190.6	-0.5255
88.27	0.033	190.5	0.1917	220.67	-0.073	189.1	-0.5912
88.30	0.041	191.4	0.2219	220.75	-0.073	188.2	-0.6063
88.33	0.043	192.1	0.2406	220.83	-0.07	187.9	-0.6063
88.37	0.046	192.9	0.2619	220.92	-0.066	188.1	-0.5956
88.40	0.052	193.6	0.2619	221.02	-0.053	189.6	-0.5628
88.43	0.053	193.6	0.2823	221.08	-0.044	191	-0.5246
88.47	0.053	194.2	0.2965	221.17	-0.031	193.4	-0.4465
88.50	0.056	194.9	0.3124	221.25	-0.02	195.8	-0.3524
88.53	0.06	195.6	0.3275	221.33	-0.004	198.9	-0.2192
88.57	0.06	196.1	0.3373	221.42	0.018	203.5	-0.0595
88.60	0.062	196.6	0.3373	221.50	0.031	206.7	0.1198
88.63	0.063	197	0.3453	221.58	0.044	209.4	0.4048
88.67	0.063	197	0.3524	221.67	0.058	212.3	0.5841
88.70	0.063	197.4	0.3559	221.75	0.068	214.5	0.7181
88.73	0.063	197.7	0.3586	221.83	0.075	216.3	0.814
88.77	0.063	198	0.3595	221.92	0.082	217.9	0.885
88.80	0.062	198.2	0.3595	222.00	0.087	219.5	0.9294
88.83	0.061	198.3	0.3595	222.08	0.086	220.1	0.9516
88.87	0.059	198.4	0.3595	222.17	0.083	220.6	0.9542
88.90	0.059	198.4	0.3568	222.25	0.076	220.5	0.9444
88.93	0.057	198.5	0.3515	222.33	0.068	220	0.9196
88.97	0.053	198.3	0.3462	222.42	0.059	219.4	0.8859
89.00	0.049	198.2	0.34	222.52	0.043	217.9	0.8086
89.03	0.047	198.1	0.332	222.58	0.028	216.2	0.7092
89.07	0.042	197.7	0.332	222.67	0.016	214.2	0.585
89.10	0.038	197.7	0.3213	222.75	0	211.8	0.419
89.13	0.038	197.5	0.3107	222.83	-0.021	208.9	0.229
89.17	0.035	197.2	0.2956	222.92	-0.036	203.7	0.0408
89.20	0.027	196.5	0.2761	223.00	-0.045	200.3	-0.2255
89.25	0.023	196.1	0.2627	223.08	-0.056	196.9	-0.3639
89.28	0.022	195.8	0.2494	223.17	-0.065	193.6	-0.474
89.32	0.015	195	0.2272	223.25	-0.069	191.4	-0.5388
89.33	0.01	194.4	0.205	223.33	-0.073	189.5	-0.585
89.38	0.007	193.7	0.1784	223.42	-0.072	188.4	-0.6045
89.40	-0.002	192.7	0.1784	223.50	-0.069	187.9	-0.6089
89.43	-0.006	192.7	0.1465	223.58	-0.064	188.4	-0.5929
89.47	-0.006	192	0.1243	223.67	-0.055	189.4	-0.569
89.50	-0.009	191.2	0.0985	223.75	-0.042	191.3	-0.5175
89.53	-0.017	190.1	0.0675	223.83	-0.034	193.2	-0.4562
89.57	-0.021	189.4	0.0444	223.93	-0.017	196.7	-0.3275
89.60	-0.023	188.5	0.0195	224.00	-0.001	199.6	-0.1971
89.63	-0.031	187.4	0.0195	224.08	0.013	202.7	-0.0266
89.67	-0.033	187.4	-0.008	224.17	0.026	205.8	0.1589
89.70	-0.033	186.6	-0.0284	224.25	0.042	208.9	0.3604
89.73	-0.036	185.7	-0.0479	224.33	0.061	212.8	0.5397
89.77	-0.041	184.8	-0.0701	224.42	0.07	215.1	0.6702
89.80	-0.043	184.1	-0.0843	224.50	0.077	216.8	0.8299
89.83	-0.045	183.4	-0.0985	224.58	0.083	218.2	0.8947
89.87	-0.049	182.6	-0.0985	224.67	0.086	219.3	0.9347
89.90	-0.049	182.6	-0.1118	224.75	0.086	220.1	0.9533
89.93	-0.049	182.1	-0.1198	224.83	0.084	220.5	0.956
89.97	-0.05	181.6	-0.1269	224.92	0.075	220.5	0.948

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
90.00	-0.051	181.1	-0.1331	225.00	0.065	219.9	0.9285
90.03	-0.052	180.8	-0.1367	225.08	0.057	219.3	0.8734
90.07	-0.051	180.5	-0.1385	225.17	0.041	217.9	0.806
90.10	-0.051	180.3	-0.1385	225.25	0.03	216.2	0.7092
90.13	-0.05	180.3	-0.1394	225.35	0.01	213.4	0.5281
90.17	-0.05	180.1	-0.1394	225.42	-0.002	211.3	0.3861
90.20	-0.049	180	-0.1376	225.50	-0.018	208.2	0.1846
90.23	-0.046	180	-0.134	225.58	-0.029	204.8	-0.0018
90.27	-0.044	180.1	-0.1296	225.67	-0.043	201.3	-0.1829
90.30	-0.041	180.4	-0.1234	225.75	-0.058	197.7	-0.3346
90.33	-0.036	180.6	-0.1234	225.83	-0.067	193	-0.4429
90.37	-0.036	180.6	-0.1154	225.92	-0.07	190.8	-0.553
90.40	-0.034	180.8	-0.1065	226.00	-0.073	189.2	-0.5921
90.43	-0.029	181.4	-0.0932	226.08	-0.073	188.3	-0.608
90.47	-0.024	181.9	-0.0808	226.17	-0.071	187.9	-0.6098
90.50	-0.021	182.2	-0.0657	226.25	-0.066	188.1	-0.6
90.53	-0.015	183	-0.0657	226.33	-0.053	189.2	-0.577
90.57	-0.009	183.6	-0.0462	226.42	-0.04	191.7	-0.5397
90.60	-0.009	183.6	-0.0266	226.50	-0.032	193.5	-0.4429
90.63	-0.006	184.2	-0.0062	226.58	-0.016	196.4	-0.3364
90.67	0.001	185.1	0.0204	226.67	-0.002	199.4	-0.1979
90.72	0.006	185.8	0.0435	226.75	0.01	202.3	-0.0426
90.75	0.008	186.3	0.0595	226.85	0.029	206.7	0.2077
90.78	0.014	187.2	0.0852	226.92	0.045	209.6	0.3959
90.80	0.019	188	0.1101	227.00	0.057	212.4	0.5708
90.83	0.022	188.7	0.1349	227.08	0.066	214.5	0.7039
90.87	0.03	189.7	0.1349	227.17	0.077	216.5	0.8166
90.90	0.034	189.7	0.1651	227.25	0.084	218.6	0.8814
90.93	0.034	190.5	0.1891	227.33	0.086	219.6	0.9258
90.97	0.037	191.3	0.213	227.42	0.086	220.3	0.9569
91.00	0.044	192.2	0.2406	227.50	0.083	220.7	0.956
91.03	0.046	192.8	0.2601	227.58	0.078	220.6	0.9462
91.07	0.049	193.6	0.2796	227.67	0.07	220.4	0.924
91.10	0.054	194.3	0.2796	227.75	0.057	219.5	0.8876
91.13	0.056	194.3	0.3	227.83	0.038	217.7	0.8282
91.17	0.056	194.9	0.3124	227.92	0.028	216	0.6941
91.20	0.057	195.6	0.3249	228.00	0.013	214.1	0.5592
91.23	0.06	196.2	0.3382	228.08	-0.004	211.2	0.3728
91.27	0.062	196.7	0.3471	228.17	-0.016	208.2	0.1829
91.30	0.063	197.1	0.3524	228.25	-0.03	205.2	0.0027
91.33	0.063	197.5	0.3577	228.33	-0.045	200.6	-0.2113
91.37	0.064	197.8	0.3577	228.42	-0.057	196.9	-0.363
91.40	0.063	198.1	0.3613	228.50	-0.063	193.9	-0.466
91.43	0.063	198.1	0.3622	228.58	-0.069	191.5	-0.5379
91.47	0.063	198.3	0.363	228.67	-0.073	189.6	-0.5858
91.50	0.062	198.5	0.363	228.75	-0.072	188.2	-0.6054
91.53	0.06	198.6	0.3613	228.83	-0.07	188	-0.6089
91.57	0.058	198.7	0.3586	228.92	-0.064	188.3	-0.5965
91.60	0.056	198.7	0.3542	229.00	-0.054	189.6	-0.569
91.63	0.054	198.6	0.348	229.08	-0.047	191.2	-0.5281
91.67	0.05	198.5	0.34	229.17	-0.034	193	-0.4642
91.70	0.046	198.1	0.3311	229.25	-0.013	195.9	-0.363
91.73	0.04	197.9	0.3311	229.33	0.002	200.1	-0.2459
91.77	0.039	197.9	0.3222	229.42	0.013	203.3	0.0009
91.80	0.039	197.7	0.3124	229.50	0.03	206.3	0.1908
91.83	0.034	197.2	0.2974	229.58	0.045	209.4	0.3932
91.87	0.027	196.7	0.2787	229.67	0.054	212.1	0.5557
91.90	0.024	196.3	0.2636	229.77	0.068	215.2	0.7314
91.93	0.02	195.5	0.2397	229.83	0.077	217	0.8273
91.97	0.011	194.8	0.2397	229.92	0.083	218.4	0.8939
92.00	0.009	194.8	0.213	230.00	0.085	219.5	0.9329
92.03	0.009	194.2	0.1944	230.08	0.086	220.2	0.9533
92.07	0.005	193.4	0.1669	230.17	0.082	220.7	0.9569

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
92.10	-0.005	192.5	0.1358	230.25	0.074	220.7	0.9498
92.15	-0.007	191.8	0.1163	230.33	0.068	220.3	0.9178
92.18	-0.009	191.2	0.0994	230.42	0.055	219.4	0.8788
92.22	-0.016	190.3	0.071	230.50	0.043	218.1	0.8113
92.25	-0.021	189.4	0.0479	230.58	0.032	216.8	0.7252
92.28	-0.023	188.7	0.0222	230.67	0.015	214.6	0.5947
92.30	-0.03	187.5	0.0222	230.75	-0.007	210.7	0.4305
92.33	-0.034	186.6	-0.0071	230.83	-0.02	207.6	0.2485
92.37	-0.034	186.6	-0.0284	230.92	-0.032	204.6	-0.0426
92.40	-0.036	185.9	-0.047	231.00	-0.046	200.7	-0.2219
92.43	-0.04	184.9	-0.0675	231.08	-0.056	197.2	-0.3613
92.47	-0.044	184.1	-0.0852	231.18	-0.066	193	-0.4669
92.50	-0.045	183.5	-0.0985	231.25	-0.07	191.1	-0.553
92.53	-0.048	182.7	-0.0985	231.33	-0.074	189.2	-0.5965
92.57	-0.05	182.2	-0.111	231.42	-0.073	188.3	-0.6098
92.60	-0.05	182.2	-0.1216	231.50	-0.071	188	-0.6116
92.63	-0.05	181.7	-0.1278	231.58	-0.063	188.2	-0.6027
92.67	-0.051	181.2	-0.1331	231.67	-0.052	189.9	-0.5805
92.70	-0.052	180.9	-0.1367	231.75	-0.044	191.6	-0.5175
92.73	-0.051	180.6	-0.1394	231.83	-0.031	193.6	-0.4491
92.77	-0.051	180.3	-0.1394	231.92	-0.016	196.5	-0.34
92.80	-0.05	180.2	-0.1394	232.00	-0.005	199.4	-0.2139
92.83	-0.049	180.2	-0.1394	232.08	0.011	202.3	-0.0524
92.87	-0.049	180	-0.1385	232.17	0.032	205.7	0.1429
92.90	-0.047	180.1	-0.1349	232.25	0.047	210.1	0.3293
92.93	-0.043	180.2	-0.1305	232.33	0.057	212.7	0.5903
92.97	-0.041	180.3	-0.1252	232.42	0.069	214.9	0.7252
93.00	-0.039	180.6	-0.1181	232.50	0.078	216.9	0.8299
93.03	-0.032	181	-0.1181	232.58	0.082	218.2	0.8903
93.07	-0.03	181	-0.1074	232.68	0.085	219.8	0.9427
93.10	-0.03	181.2	-0.0985	232.75	0.086	220.5	0.9569
93.13	-0.027	181.7	-0.0861	232.83	0.084	220.9	0.9578
93.17	-0.019	182.3	-0.0675	232.92	0.079	220.9	0.948
93.20	-0.016	182.8	-0.0533	233.00	0.069	220.5	0.9285
93.23	-0.013	183.4	-0.0346	233.08	0.053	219.3	0.8912
93.27	-0.005	184.2	-0.0346	233.17	0.041	217.9	0.8388
93.30	-0.001	184.2	-0.0098	233.25	0.029	216.5	0.6995
93.33	-0.001	184.9	0.0107	233.33	0.012	214.2	0.5601
93.37	0.003	185.6	0.0382	233.42	-0.002	211.6	0.387
93.40	0.011	186.6	0.0675	233.50	-0.015	208.9	0.2024
93.43	0.015	187.3	0.0897	233.58	-0.031	205.3	-0.0018
93.47	0.018	188.2	0.1145	233.67	-0.049	199.9	-0.1784
93.50	0.026	189.1	0.1145	233.75	-0.057	196.5	-0.3222
93.53	0.03	189.8	0.1447	233.83	-0.064	193.7	-0.4855
93.57	0.03	189.8	0.166	233.92	-0.071	191.1	-0.5574
93.62	0.037	191.3	0.1926	234.00	-0.072	189.5	-0.5929
93.65	0.042	192.1	0.2104	234.10	-0.072	188.2	-0.6151
93.67	0.042	192.1	0.2317	234.17	-0.07	187.9	-0.6151
93.72	0.044	192.7	0.253	234.25	-0.063	188.4	-0.6027
93.73	0.048	193.6	0.2778	234.33	-0.057	189.4	-0.5779
93.77	0.053	194.2	0.2974	234.42	-0.047	190.8	-0.5406
93.80	0.054	194.8	0.3098	234.50	-0.028	193.2	-0.4696
93.83	0.057	195.6	0.3249	234.58	-0.013	197.1	-0.3826
93.87	0.061	196.2	0.3249	234.67	-0.002	199.9	-0.1855
93.90	0.061	196.2	0.3382	234.75	0.014	203	-0.0186
93.93	0.061	196.6	0.3453	234.83	0.029	206.3	0.1802
93.97	0.062	197.1	0.3524	234.92	0.041	209.2	0.3675
94.00	0.063	197.5	0.3586	235.00	0.056	212	0.5521
94.03	0.063	197.9	0.3622	235.08	0.071	214.4	0.6932
94.07	0.063	198.1	0.3639	235.17	0.079	217.2	0.798
94.10	0.063	198.4	0.3639	235.25	0.082	218.5	0.9018
94.13	0.062	198.4	0.3648	235.33	0.086	219.6	0.9427
94.17	0.062	198.6	0.3648	235.42	0.086	220.3	0.956

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
94.20	0.061	198.8	0.363	235.50	0.084	220.8	0.9578
94.23	0.058	198.8	0.3595	235.58	0.077	220.9	0.9453
94.27	0.056	198.8	0.3559	235.67	0.066	220.4	0.9223
94.30	0.053	198.7	0.3497	235.75	0.057	219.5	0.8814
94.33	0.049	198.4	0.3497	235.83	0.046	218.6	0.8237
94.37	0.044	198.2	0.3417	235.92	0.03	216.9	0.7288
94.40	0.044	198.2	0.3329	236.00	0.009	213.8	0.6045
94.43	0.042	198.1	0.3231	236.08	-0.004	211	0.348
94.47	0.036	197.6	0.3098	236.17	-0.019	208.3	0.1589
94.50	0.032	197.2	0.2965	236.25	-0.034	204.5	-0.047
94.53	0.029	196.8	0.2796	236.33	-0.043	201.2	-0.1979
94.57	0.021	196.1	0.2796	236.42	-0.054	197.9	-0.3426
94.60	0.017	196.1	0.2574	236.50	-0.066	194.4	-0.4633
94.63	0.017	195.6	0.2388	236.58	-0.072	190.8	-0.5361
94.67	0.014	195	0.2148	236.67	-0.073	189.3	-0.6
94.70	0.006	194	0.1846	236.75	-0.073	188.4	-0.6151
94.73	0	193.3	0.1598	236.83	-0.07	188.1	-0.616
94.77	-0.003	192.6	0.1367	236.92	-0.066	188.5	-0.6054
94.80	-0.009	191.5	0.1065	237.02	-0.056	189.7	-0.5734
94.83	-0.015	190.7	0.1065	237.08	-0.044	191.3	-0.5299
94.87	-0.017	190.7	0.0799	237.17	-0.03	193.7	-0.4554
94.90	-0.017	190	0.0586	237.25	-0.02	196.2	-0.3595
94.93	-0.022	188.9	0.0311	237.33	-0.004	199.2	-0.2281
94.97	-0.029	187.9	0.0009	237.42	0.017	202.2	-0.0683
95.00	-0.031	187.2	-0.0178	237.50	0.032	207	0.1154
95.03	-0.034	186.2	-0.0391	237.58	0.044	209.8	0.403
95.08	-0.038	185.5	-0.055	237.67	0.058	212.6	0.5841
95.12	-0.04	184.9	-0.0701	237.75	0.069	215	0.7208
95.15	-0.042	184	-0.0861	237.83	0.075	216.7	0.8157
95.18	-0.047	183.3	-0.0861	237.92	0.082	218.2	0.8885
95.20	-0.048	183.3	-0.1021	238.00	0.086	219.9	0.9311
95.23	-0.048	182.7	-0.1118	238.08	0.085	220.5	0.9542
95.27	-0.049	182.1	-0.1216	238.17	0.083	220.9	0.9569
95.30	-0.052	181.5	-0.1305	238.25	0.076	220.9	0.9471
95.33	-0.051	181.2	-0.1349	238.33	0.068	220.4	0.9223
95.37	-0.051	180.8	-0.1385	238.42	0.059	219.9	0.8868
95.40	-0.051	180.5	-0.1385	238.50	0.043	218.4	0.806
95.43	-0.051	180.5	-0.1402	238.58	0.026	216.5	0.7021
95.47	-0.051	180.3	-0.1402	238.67	0.015	214.4	0.5734
95.50	-0.05	180.1	-0.1402	238.75	0	212.2	0.411
95.53	-0.048	180.1	-0.1385	238.83	-0.022	208.9	0.2068
95.57	-0.046	180.1	-0.1349	238.92	-0.036	204	0.0337
95.60	-0.044	180.2	-0.1296	239.00	-0.045	200.6	-0.2281
95.63	-0.039	180.5	-0.1296	239.08	-0.056	197.2	-0.371
95.67	-0.037	180.5	-0.1225	239.17	-0.065	193.9	-0.4811
95.70	-0.037	180.7	-0.1163	239.25	-0.069	191.5	-0.5486
95.73	-0.034	180.9	-0.1065	239.33	-0.073	189.7	-0.5956
95.77	-0.029	181.5	-0.0932	239.42	-0.072	188.7	-0.6134
95.80	-0.023	182	-0.0817	239.50	-0.069	188.2	-0.6178
95.83	-0.021	182.3	-0.0675	239.58	-0.064	188.7	-0.6018
95.87	-0.015	183.2	-0.047	239.67	-0.055	189.7	-0.5761
95.90	-0.009	183.8	-0.047	239.75	-0.042	191.6	-0.5264
95.93	-0.009	183.8	-0.0266	239.83	-0.034	193.6	-0.4642
95.97	-0.006	184.3	-0.0053	239.93	-0.017	197.1	-0.3329
96.00	0	185.3	0.0213	240.00	-0.001	200	-0.1962
96.03	0.007	186	0.0488	240.08	0.013	203.1	-0.0257
96.07	0.01	186.6	0.071	240.17	0.026	206.2	0.1589
96.10	0.015	187.7	0.0985	240.25	0.042	209.3	0.3595
96.13	0.022	188.5	0.0985	240.33	0.061	212.1	0.5441
96.17	0.025	188.5	0.126	240.42	0.07	215.5	0.6782
96.20	0.025	189.2	0.1465	240.50	0.077	217.2	0.8344
96.23	0.029	190.1	0.1731	240.58	0.083	218.7	0.901
96.27	0.036	191	0.2015	240.67	0.086	219.8	0.94

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
96.30	0.039	191.7	0.2246	240.75	0.086	220.5	0.9569
96.33	0.043	192.6	0.2477	240.83	0.084	221	0.9595
96.37	0.049	193.3	0.2477	240.92	0.075	221	0.9516
96.40	0.051	193.3	0.2716	241.00	0.066	220.4	0.932
96.43	0.051	193.9	0.2876	241.08	0.057	219.7	0.8779
96.47	0.053	194.7	0.3053	241.17	0.041	218.3	0.8086
96.52	0.058	195.3	0.3213	241.25	0.03	216.7	0.7128
96.55	0.058	195.8	0.3302	241.35	0.01	213.9	0.529
96.57	0.06	196.4	0.3409	241.42	-0.002	211.7	0.3897
96.60	0.063	196.9	0.3506	241.50	-0.018	208.6	0.182
96.63	0.062	197.3	0.3551	241.58	-0.03	205.2	-0.0071
96.67	0.063	197.7	0.3604	241.67	-0.043	201.7	-0.1873
96.70	0.064	198	0.3604	241.75	-0.058	198	-0.3444
96.73	0.063	198	0.3648	241.83	-0.066	193.4	-0.45
96.77	0.063	198.3	0.3657	241.92	-0.07	191.3	-0.5583
96.80	0.062	198.5	0.3657	242.00	-0.073	189.6	-0.6
96.83	0.062	198.7	0.3657	242.08	-0.073	188.7	-0.6151
96.87	0.06	198.8	0.3639	242.17	-0.071	188.3	-0.6169
96.90	0.058	198.9	0.3595	242.25	-0.066	188.5	-0.6071
96.93	0.054	198.8	0.3595	242.33	-0.053	189.6	-0.5841
96.97	0.051	198.7	0.3551	242.42	-0.04	192.1	-0.5468
97.00	0.051	198.7	0.3506	242.50	-0.032	193.9	-0.45
97.03	0.049	198.6	0.3417	242.58	-0.016	196.8	-0.3417
97.07	0.044	198.2	0.332	242.67	-0.002	199.9	-0.2033
97.10	0.039	198	0.3213	242.75	0.01	202.8	-0.0444
97.13	0.036	197.7	0.308	242.85	0.029	207	0.1988
97.17	0.031	197.1	0.2911	242.92	0.045	210.1	0.3977
97.20	0.024	196.6	0.2911	243.00	0.057	212.9	0.5761
97.23	0.022	196.6	0.2743	243.08	0.066	214.9	0.7057
97.27	0.022	196.2	0.2592	243.17	0.076	217	0.8157
97.30	0.018	195.4	0.2334	243.25	0.084	219.1	0.8885
97.33	0.008	194.6	0.2042	243.33	0.086	220.1	0.9338
97.37	0.005	194.1	0.1855	243.42	0.086	220.8	0.9613
97.40	0.002	193.3	0.1598	243.50	0.083	221.2	0.9613
97.43	-0.006	192.4	0.1598	243.58	0.077	221	0.9498
97.47	-0.01	192.4	0.1278	243.67	0.07	220.8	0.9311
97.50	-0.01	191.6	0.1056	243.75	0.054	220	0.8947
97.53	-0.013	190.8	0.079	243.83	0.039	218.1	0.837
97.57	-0.02	189.7	0.0479	243.92	0.028	216.5	0.6977
97.60	-0.025	188.9	0.0231	244.00	0.013	214.6	0.5663
97.63	-0.027	188.1	0	244.08	-0.003	211.8	0.3861
97.67	-0.033	187	0	244.17	-0.014	208.9	0.2033
97.70	-0.037	186.1	-0.0249	244.27	-0.032	204.4	-0.0488
97.73	-0.037	186.1	-0.0462	244.33	-0.045	201	-0.2157
97.77	-0.039	185.4	-0.063	244.42	-0.057	197.3	-0.3728
97.80	-0.042	184.5	-0.0817	244.50	-0.063	194.4	-0.4704
97.83	-0.046	183.7	-0.0976	244.58	-0.069	191.8	-0.545
97.87	-0.047	183.1	-0.1083	244.67	-0.073	189.9	-0.5921
97.90	-0.048	182.5	-0.1189	244.75	-0.072	188.6	-0.6134
97.93	-0.051	181.9	-0.1189	244.83	-0.07	188.3	-0.6169
97.98	-0.051	181.5	-0.1331	244.92	-0.064	188.7	-0.6045
98.02	-0.051	181.2	-0.1367	245.00	-0.054	189.9	-0.5779
98.03	-0.051	180.8	-0.1367	245.08	-0.047	191.3	-0.5361
98.07	-0.051	180.8	-0.1394	245.17	-0.033	193.5	-0.4722
98.10	-0.051	180.6	-0.1411	245.25	-0.013	197.6	-0.3719
98.13	-0.051	180.4	-0.1411	245.33	0.001	200.6	-0.253
98.17	-0.05	180.2	-0.1411	245.42	0.014	203.5	-0.0053
98.20	-0.048	180.1	-0.1394	245.50	0.03	206.9	0.1935
98.23	-0.046	180.1	-0.1349	245.58	0.044	209.9	0.3941
98.27	-0.042	180.4	-0.1349	245.67	0.055	212.4	0.5566
98.30	-0.04	180.5	-0.1296	245.75	0.068	215.6	0.7359
98.33	-0.04	180.5	-0.1243	245.83	0.078	217.5	0.8344
98.37	-0.037	180.7	-0.1154	245.92	0.083	218.9	0.8992

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
98.40	-0.032	181.2	-0.1047	246.00	0.086	219.9	0.94
98.43	-0.027	181.6	-0.0941	246.08	0.086	220.7	0.9578
98.47	-0.025	181.9	-0.0808	246.17	0.082	221.3	0.9622
98.50	-0.02	182.7	-0.0639	246.25	0.076	221.1	0.9462
98.53	-0.013	183.3	-0.0639	246.33	0.068	220.8	0.9223
98.57	-0.011	183.3	-0.0453	246.42	0.055	219.8	0.8814
98.60	-0.011	183.8	-0.0293	246.50	0.045	218.5	0.8166
98.63	-0.006	184.6	-0.0044	246.58	0.031	217.2	0.7314
98.67	0.002	185.4	0.0231	246.67	0.01	215.2	0.6054
98.70	0.006	186	0.0453	246.75	-0.006	211.3	0.4456
98.73	0.009	187	0.0719	246.83	-0.017	208.3	0.1589
98.77	0.018	187.8	0.0719	246.92	-0.033	205	-0.0373
98.80	0.021	187.8	0.1021	247.00	-0.046	201.2	-0.2228
98.83	0.021	188.5	0.1243	247.08	-0.054	197.9	-0.3559
98.87	0.024	189.3	0.15	247.18	-0.064	193.7	-0.4935
98.90	0.032	190.3	0.1811	247.25	-0.07	191.5	-0.5566
98.93	0.036	191.1	0.2042	247.33	-0.073	189.6	-0.6
98.97	0.039	191.8	0.2272	247.42	-0.073	188.7	-0.6178
99.00	0.045	192.8	0.2548	247.50	-0.071	188.3	-0.6196
99.03	0.049	193.4	0.2548	247.58	-0.062	188.9	-0.6098
99.07	0.049	193.4	0.2752	247.67	-0.053	190.2	-0.5894
99.10	0.051	194.1	0.292	247.75	-0.044	191.6	-0.5273
99.13	0.054	194.9	0.3098	247.83	-0.03	194.1	-0.4554
99.17	0.058	195.5	0.3258	247.92	-0.017	196.8	-0.3488
99.20	0.059	196.1	0.3355	248.00	-0.005	199.5	-0.2237
99.23	0.06	196.6	0.3444	248.08	0.011	202.8	-0.0541
99.27	0.062	197.1	0.3444	248.17	0.033	207.6	0.1411
99.30	0.063	197.1	0.3542	248.25	0.047	210.6	0.332
99.33	0.063	197.5	0.3604	248.33	0.057	213	0.5885
99.37	0.063	197.9	0.3648	248.42	0.069	215.4	0.7296
99.42	0.063	198.5	0.3675	248.50	0.077	217.3	0.8335
99.45	0.063	198.5	0.3684	248.58	0.082	218.7	0.8974
99.47	0.063	198.7	0.3684	248.67	0.086	220.2	0.9498
99.50	0.062	198.9	0.3684	248.75	0.086	220.9	0.9631
99.53	0.06	199	0.3675	248.83	0.084	221.4	0.9649
99.57	0.058	199.1	0.3639	248.92	0.079	221.5	0.9551
99.60	0.056	198.9	0.3586	249.00	0.066	221	0.9338
99.63	0.051	198.8	0.3586	249.08	0.052	219.7	0.9018
99.67	0.049	198.8	0.3524	249.17	0.043	218.4	0.8086
99.70	0.049	198.7	0.3453	249.25	0.028	217	0.7119
99.73	0.046	198.4	0.3355	249.33	0.013	214.8	0.5743
99.77	0.038	198.1	0.324	249.42	0.001	212.3	0.4128
99.80	0.036	197.8	0.3142	249.50	-0.015	209.4	0.2166
99.83	0.033	197.4	0.2982	249.58	-0.035	205.9	0.0071
99.87	0.025	196.8	0.2982	249.67	-0.048	200.5	-0.1607
99.90	0.022	196.8	0.2769	249.75	-0.056	197.3	-0.3817
99.93	0.022	196.4	0.2619	249.83	-0.064	194.2	-0.4864
99.97	0.018	195.8	0.2379	249.92	-0.071	191.6	-0.5574
100.00	0.01	194.8	0.2095	250.00	-0.072	190	-0.5992
100.03	0.005	194.2	0.1864	250.10	-0.073	188.6	-0.6222
100.07	0.002	193.6	0.1616	250.17	-0.07	188.3	-0.6213
100.10	-0.005	192.5	0.1305	250.25	-0.063	188.8	-0.6089
100.13	-0.011	191.7	0.1305	250.33	-0.057	189.7	-0.5841
100.17	-0.014	191.7	0.1047	250.42	-0.046	191.3	-0.545
100.20	-0.014	191	0.0826	250.50	-0.027	193.6	-0.4767
100.23	-0.018	189.9	0.055	250.58	-0.014	197.5	-0.3897
100.27	-0.026	188.9	0.0231	250.67	-0.002	200.3	-0.1917
100.30	-0.028	188.2	0.0027	250.75	0.015	203.5	-0.016
100.33	-0.031	187.3	-0.0204	250.83	0.029	206.8	0.182
100.37	-0.037	186.3	-0.0204	250.92	0.041	209.7	0.3693
100.40	-0.039	186.3	-0.0453	251.00	0.056	212.5	0.5557
100.43	-0.039	185.5	-0.0621	251.08	0.071	215.9	0.6941
100.47	-0.041	184.7	-0.079	251.17	0.079	217.7	0.8015

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
100.50	-0.046	183.9	-0.0968	251.25	0.082	219	0.9054
100.53	-0.048	183.3	-0.1083	251.33	0.086	220.1	0.9453
100.57	-0.048	182.7	-0.1181	251.42	0.086	220.8	0.9595
100.60	-0.05	182.1	-0.1181	251.52	0.082	221.4	0.9613
100.63	-0.051	181.7	-0.1269	251.58	0.077	221.5	0.9489
100.67	-0.051	181.7	-0.1323	251.67	0.066	220.9	0.9258
100.70	-0.051	181.3	-0.1376	251.75	0.059	220	0.8894
100.73	-0.052	181	-0.1402	251.83	0.046	219.1	0.8317
100.77	-0.051	180.7	-0.1411	251.92	0.025	217.3	0.7341
100.80	-0.05	180.5	-0.1411	252.00	0.01	214.4	0.6187
100.83	-0.049	180.4	-0.1411	252.08	-0.002	211.7	0.3693
100.88	-0.048	180.3	-0.1385	252.17	-0.018	208.8	0.1713
100.92	-0.046	180.3	-0.134	252.25	-0.033	205.3	-0.0328
100.93	-0.043	180.5	-0.1296	252.33	-0.042	201.7	-0.2015
100.97	-0.039	180.7	-0.1296	252.42	-0.054	198.3	-0.3497
101.00	-0.037	180.7	-0.1234	252.50	-0.066	194.9	-0.4678
101.03	-0.037	180.8	-0.1163	252.58	-0.072	191.2	-0.5415
101.07	-0.034	181.3	-0.1065	252.67	-0.073	189.7	-0.6071
101.10	-0.027	181.7	-0.0941	252.75	-0.073	188.8	-0.6222
101.13	-0.025	182.1	-0.0834	252.83	-0.07	188.5	-0.6222
101.17	-0.021	182.7	-0.0675	252.92	-0.066	188.9	-0.6116
101.20	-0.013	183.4	-0.0675	253.02	-0.056	190.2	-0.5779
101.23	-0.01	183.4	-0.0453	253.08	-0.044	191.8	-0.5352
101.27	-0.01	183.9	-0.0284	253.17	-0.03	194.1	-0.4598
101.30	-0.006	184.6	-0.0053	253.25	-0.02	196.6	-0.3657
101.33	0.002	185.5	0.0231	253.33	-0.004	199.6	-0.2317
101.37	0.006	186.1	0.0444	253.42	0.018	204.4	-0.0666
101.40	0.009	186.8	0.071	253.50	0.032	207.5	0.1181
101.43	0.017	187.9	0.071	253.58	0.044	210.3	0.4065
101.47	0.022	188.7	0.1021	253.67	0.058	213.1	0.5858
101.50	0.022	188.7	0.1269	253.75	0.068	215.4	0.7225
101.53	0.025	189.4	0.1509	253.83	0.075	217.2	0.822
101.57	0.03	190.4	0.1802	253.92	0.082	218.7	0.893
101.60	0.037	191.2	0.2077	254.00	0.087	220.4	0.9391
101.63	0.04	191.9	0.2272	254.08	0.085	221	0.9578
101.67	0.042	192.8	0.2494	254.17	0.083	221.4	0.9613
101.70	0.049	193.6	0.2494	254.25	0.076	221.4	0.9516
101.73	0.051	193.6	0.2734	254.33	0.068	220.9	0.9258
101.77	0.051	194.2	0.2903	254.43	0.055	219.8	0.8779
101.80	0.053	194.8	0.3089	254.50	0.044	218.8	0.8122
101.83	0.058	195.6	0.3258	254.58	0.026	216.9	0.7012
101.87	0.059	196.1	0.3364	254.67	0.015	214.9	0.5779
101.90	0.06	196.6	0.3462	254.75	0	212.6	0.4119
101.93	0.062	197.2	0.3462	254.83	-0.016	209.3	0.2033
101.97	0.063	197.6	0.3559	254.92	-0.037	204.2	0.008
102.00	0.063	197.6	0.3622	255.00	-0.045	200.8	-0.2388
102.03	0.063	198	0.3666	255.08	-0.056	197.5	-0.3781
102.07	0.063	198.3	0.3684	255.17	-0.065	194.3	-0.4855
102.10	0.063	198.5	0.3693	255.25	-0.069	191.8	-0.5574
102.13	0.062	198.7	0.3693	255.33	-0.072	190.1	-0.6018
102.17	0.062	198.9	0.3693	255.42	-0.072	188.9	-0.6231
102.20	0.059	199	0.3693	255.50	-0.069	188.5	-0.6267
102.23	0.057	199	0.3666	255.58	-0.064	189.1	-0.6098
102.27	0.057	199	0.363	255.67	-0.055	190	-0.585
102.32	0.052	198.9	0.3577	255.75	-0.042	191.9	-0.5361
102.35	0.049	198.9	0.3551	255.83	-0.034	194	-0.4713
102.37	0.049	198.8	0.3471	255.92	-0.017	197.5	-0.3409
102.40	0.046	198.6	0.3373	256.00	-0.001	200.4	-0.1997
102.43	0.039	198.2	0.3258	256.08	0.013	203.6	-0.0275
102.47	0.036	197.9	0.3151	256.17	0.026	206.7	0.158
102.50	0.033	197.5	0.2982	256.25	0.042	209.7	0.3613
102.53	0.025	196.9	0.2982	256.33	0.06	212.5	0.5441
102.57	0.021	196.4	0.2787	256.42	0.071	215.9	0.6782

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
102.60	0.021	196.4	0.2619	256.50	0.077	217.6	0.8397
102.63	0.018	195.9	0.2388	256.58	0.083	219.1	0.9054
102.67	0.011	194.9	0.2113	256.67	0.086	220.2	0.9444
102.70	0.004	194.2	0.1864	256.75	0.086	221	0.9622
102.73	0.002	193.6	0.166	256.83	0.084	221.4	0.964
102.77	-0.003	192.7	0.1385	256.92	0.075	221.4	0.956
102.80	-0.011	191.8	0.1385	257.00	0.065	220.9	0.9382
102.83	-0.014	191.8	0.1056	257.08	0.057	220.2	0.8814
102.87	-0.014	191.1	0.0834	257.17	0.042	218.8	0.8149
102.90	-0.017	190.1	0.0568	257.25	0.029	217.1	0.7128
102.93	-0.025	189.1	0.024	257.35	0.013	214.5	0.6071
102.97	-0.028	188.3	0.0036	257.42	-0.002	212.1	0.379
103.00	-0.031	187.5	-0.0186	257.50	-0.02	208.7	0.1607
103.03	-0.037	186.4	-0.0186	257.58	-0.031	205.3	-0.0311
103.07	-0.039	186.4	-0.0444	257.67	-0.043	202	-0.2024
103.10	-0.039	185.6	-0.0621	257.75	-0.056	198.2	-0.3586
103.13	-0.041	184.9	-0.0808	257.83	-0.067	193.6	-0.4669
103.17	-0.045	183.9	-0.0976	257.92	-0.071	191.3	-0.5734
103.20	-0.048	183.3	-0.1101	258.00	-0.073	189.8	-0.6098
103.23	-0.048	182.8	-0.1189	258.08	-0.073	188.8	-0.624
103.27	-0.05	182.2	-0.1278	258.17	-0.071	188.6	-0.6249
103.30	-0.052	181.7	-0.1278	258.25	-0.066	188.8	-0.6142
103.33	-0.051	181.7	-0.1349	258.33	-0.056	189.9	-0.5912
103.37	-0.051	181.3	-0.1376	258.42	-0.04	192.5	-0.5486
103.40	-0.051	181	-0.1402	258.50	-0.031	194.6	-0.4527
103.43	-0.051	180.8	-0.1411	258.58	-0.017	197.1	-0.3506
103.47	-0.05	180.6	-0.1411	258.67	-0.002	200.3	-0.2086
103.50	-0.05	180.4	-0.1411	258.75	0.011	203.4	-0.0444
103.53	-0.047	180.4	-0.1411	258.83	0.029	207.7	0.2015
103.57	-0.045	180.4	-0.1376	258.92	0.044	210.5	0.395
103.60	-0.045	180.4	-0.134	259.00	0.058	213.3	0.5814
103.63	-0.043	180.6	-0.1278	259.08	0.066	215.5	0.7101
103.67	-0.037	180.9	-0.1207	259.17	0.076	217.4	0.8193
103.70	-0.035	181.1	-0.1145	259.25	0.084	218.9	0.8912
103.73	-0.033	181.4	-0.103	259.33	0.086	220.6	0.9347
103.78	-0.028	181.8	-0.095	259.42	0.086	221.2	0.9631
103.82	-0.025	182.2	-0.0852	259.50	0.083	221.6	0.964
103.83	-0.021	182.6	-0.0675	259.58	0.076	221.6	0.9533
103.87	-0.015	183.5	-0.0462	259.67	0.07	221.2	0.9311
103.90	-0.009	184.1	-0.0462	259.75	0.058	220.4	0.8965
103.93	-0.006	184.1	-0.0275	259.83	0.039	218.6	0.8344
103.97	-0.006	184.6	-0.0089	259.92	0.026	216.8	0.7509
104.00	-0.002	185.5	0.0169	260.00	0.014	214.9	0.5601
104.03	0.007	186.3	0.047	260.08	-0.004	212.2	0.3781
104.07	0.01	187	0.0692	260.17	-0.017	209	0.1775
104.10	0.014	187.9	0.0968	260.27	-0.034	204.6	0.0169
104.13	0.022	188.8	0.0968	260.33	-0.045	201.3	-0.2299
104.17	0.025	188.8	0.1278	260.42	-0.058	197.4	-0.387
104.20	0.025	189.5	0.1482	260.50	-0.064	194.4	-0.4864
104.23	0.029	190.3	0.1749	260.58	-0.069	192.1	-0.5566
104.27	0.037	191.3	0.2068	260.67	-0.073	190.1	-0.6054
104.30	0.04	192	0.2281	260.75	-0.072	188.8	-0.624
104.33	0.042	192.7	0.2512	260.83	-0.07	188.6	-0.6249
104.37	0.049	193.6	0.2512	260.92	-0.064	188.9	-0.6116
104.40	0.051	194.3	0.2769	261.00	-0.054	190.3	-0.585
104.43	0.051	194.3	0.2938	261.08	-0.045	192	-0.5388
104.47	0.053	194.9	0.3107	261.17	-0.034	193.8	-0.4793
104.50	0.057	195.7	0.3275	261.25	-0.014	196.7	-0.3781
104.53	0.059	196.2	0.3391	261.33	0.001	201	-0.2565
104.57	0.06	196.7	0.3488	261.42	0.013	204.3	-0.0062
104.60	0.062	197.3	0.3577	261.50	0.03	207.2	0.19
104.63	0.063	197.7	0.3577	261.58	0.044	210.4	0.3959
104.67	0.063	197.7	0.3648	261.68	0.06	214	0.5583

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
104.70	0.063	198.1	0.3684	261.75	0.068	216.1	0.7314
104.73	0.063	198.4	0.3701	261.83	0.077	217.8	0.8362
104.77	0.063	198.6	0.3719	261.92	0.083	219.3	0.9036
104.80	0.062	198.9	0.3719	262.00	0.085	220.4	0.9436
104.83	0.062	199	0.371	262.08	0.086	221.1	0.9631
104.87	0.059	199.1	0.371	262.17	0.082	221.6	0.9658
104.90	0.057	199.1	0.3684	262.25	0.074	221.6	0.9578
104.93	0.057	199.2	0.3666	262.33	0.068	221.2	0.9258
104.97	0.055	199.1	0.3604	262.42	0.056	220.3	0.8868
105.00	0.05	198.9	0.3533	262.50	0.043	219	0.8184
105.03	0.046	198.7	0.3453	262.58	0.032	217.6	0.7296
105.07	0.044	198.6	0.3355	262.67	0.015	215.5	0.5965
105.10	0.039	198.1	0.3231	262.75	-0.007	211.6	0.4305
105.13	0.033	197.7	0.3231	262.83	-0.021	208.4	0.2432
105.17	0.03	197.7	0.3089	262.92	-0.032	205.3	-0.0497
105.20	0.03	197.4	0.2965	263.00	-0.046	201.4	-0.2334
105.25	0.021	196.4	0.2778	263.08	-0.056	197.9	-0.3755
105.28	0.018	196.4	0.2654	263.18	-0.065	193.8	-0.4704
105.30	0.018	196	0.2468	263.25	-0.07	191.6	-0.569
105.33	0.014	195.2	0.2192	263.33	-0.074	189.8	-0.6125
105.37	0.005	194.3	0.19	263.42	-0.073	189	-0.6258
105.40	0.001	193.7	0.1678	263.50	-0.071	188.6	-0.6267
105.43	-0.002	192.9	0.1402	263.58	-0.065	188.9	-0.6178
105.47	-0.01	191.9	0.1402	263.67	-0.052	190.6	-0.5938
105.50	-0.015	191.1	0.1083	263.75	-0.043	192.5	-0.5264
105.53	-0.015	191.1	0.0843	263.83	-0.031	194.4	-0.4571
105.57	-0.017	190.3	0.0577	263.92	-0.015	197.4	-0.3444
105.60	-0.024	189.2	0.0257	264.00	-0.005	200.2	-0.2237
105.63	-0.029	188.3	0.0027	264.08	0.011	203.2	-0.0612
105.67	-0.031	187.6	-0.0178	264.17	0.032	206.5	0.1394
105.70	-0.035	186.5	-0.0417	264.25	0.047	211	0.3302
105.73	-0.04	185.7	-0.0417	264.33	0.057	213.7	0.5938
105.77	-0.042	185.7	-0.063	264.42	0.069	215.8	0.7314
105.80	-0.042	185	-0.0781	264.50	0.078	217.7	0.8379
105.83	-0.044	184.2	-0.0914	264.60	0.084	219.7	0.8992
105.87	-0.048	183.4	-0.1065	264.67	0.085	220.7	0.9507
105.90	-0.048	182.9	-0.1172	264.75	0.086	221.4	0.9649
105.93	-0.05	182.3	-0.126	264.83	0.083	221.7	0.9666
105.97	-0.051	181.8	-0.126	264.92	0.079	221.8	0.956
106.00	-0.052	181.8	-0.1331	265.00	0.07	221.5	0.9365
106.03	-0.052	181.4	-0.1376	265.08	0.053	220.6	0.8974
106.07	-0.051	181.1	-0.1402	265.17	0.04	218.8	0.845
106.10	-0.051	180.9	-0.1402	265.25	0.029	217.3	0.7057
106.13	-0.05	180.7	-0.1411	265.33	0.012	215.1	0.569
106.17	-0.05	180.5	-0.1402	265.42	-0.002	212.5	0.3897
106.20	-0.048	180.5	-0.1376	265.50	-0.015	209.7	0.2015
106.23	-0.044	180.6	-0.1376	265.58	-0.031	206.2	-0.0018
106.27	-0.043	180.6	-0.134	265.67	-0.048	200.7	-0.1864
106.30	-0.043	180.7	-0.1287	265.75	-0.058	197.2	-0.3302
106.33	-0.04	181	-0.1216	265.83	-0.064	194.4	-0.498
106.37	-0.034	181.3	-0.1127	265.92	-0.071	191.8	-0.5681
106.40	-0.032	181.5	-0.1039	266.00	-0.073	190.1	-0.6098
106.43	-0.029	182	-0.0914	266.10	-0.073	188.8	-0.6276
106.47	-0.021	182.6	-0.0914	266.17	-0.07	188.5	-0.6293
106.50	-0.019	182.6	-0.0754	266.25	-0.063	189.1	-0.6178
106.53	-0.019	183	-0.0621	266.33	-0.056	190.3	-0.5912
106.57	-0.015	183.6	-0.0426	266.42	-0.047	191.5	-0.5486
106.60	-0.007	184.4	-0.0178	266.50	-0.028	194.1	-0.4784
106.63	-0.003	185	0.0018	266.58	-0.013	197.9	-0.3923
106.68	0	185.7	0.0178	266.67	-0.002	200.9	-0.1926
106.72	0.004	186.3	0.0373	266.75	0.014	203.9	-0.0195
106.73	0.01	187.1	0.0639	266.83	0.029	207.2	0.1811
106.77	0.014	187.8	0.0941	266.92	0.041	210.3	0.3693

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
106.80	0.021	188.9	0.1278	267.00	0.055	212.9	0.5521
106.83	0.027	189.7	0.1278	267.08	0.071	215.3	0.7039
106.87	0.029	189.7	0.1536	267.17	0.079	218.1	0.8069
106.90	0.029	190.4	0.174	267.25	0.082	219.5	0.9107
106.93	0.033	191.4	0.2015	267.33	0.086	220.5	0.9507
106.97	0.041	192.2	0.2317	267.42	0.086	221.3	0.9658
107.00	0.043	192.9	0.2512	267.52	0.083	221.9	0.9675
107.03	0.046	193.7	0.2716	267.58	0.077	221.7	0.9542
107.07	0.052	194.4	0.2716	267.67	0.068	221.4	0.932
107.10	0.054	194.4	0.2965	267.75	0.055	220.4	0.8885
107.13	0.054	195	0.3107	267.83	0.047	219.3	0.8308
107.17	0.055	195.7	0.3258	267.92	0.031	217.8	0.7394
107.20	0.06	196.4	0.3409	268.00	0.01	215.7	0.608
107.23	0.061	196.8	0.3488	268.08	-0.006	211.9	0.4509
107.27	0.062	197.3	0.3577	268.17	-0.018	209	0.1589
107.30	0.063	197.8	0.3577	268.25	-0.033	205.4	-0.0453
107.33	0.063	198.1	0.3648	268.33	-0.045	201.7	-0.2246
107.37	0.063	198.1	0.3684	268.42	-0.054	198.5	-0.3613
107.40	0.063	198.5	0.371	268.50	-0.064	195.1	-0.4767
107.43	0.063	198.7	0.3728	268.58	-0.071	192.5	-0.553
107.47	0.062	199	0.3728	268.67	-0.073	189.9	-0.6
107.50	0.062	199.1	0.3728	268.75	-0.073	189	-0.6293
107.53	0.06	199.2	0.3701	268.83	-0.07	188.8	-0.6293
107.57	0.056	199.2	0.3701	268.92	-0.065	189.3	-0.616
107.60	0.054	199.2	0.3666	269.00	-0.055	190.6	-0.5832
107.63	0.054	199.2	0.3622	269.08	-0.044	192.1	-0.5406
107.67	0.052	199.1	0.3559	269.17	-0.03	194.6	-0.4642
107.70	0.046	198.8	0.3471	269.25	-0.02	197.1	-0.3693
107.73	0.044	198.7	0.3382	269.33	-0.005	199.9	-0.237
107.77	0.041	198.4	0.3267	269.42	0.017	203.1	-0.0683
107.80	0.033	197.9	0.3267	269.50	0.032	208	0.1189
107.83	0.03	197.9	0.3116	269.58	0.044	210.9	0.4101
107.87	0.03	197.6	0.2991	269.67	0.058	213.6	0.5903
107.90	0.027	197.1	0.2796	269.75	0.069	215.9	0.7288
107.93	0.019	196.3	0.2548	269.83	0.075	217.7	0.8237
107.97	0.014	195.8	0.2343	269.92	0.082	219.1	0.8965
108.00	0.011	195.2	0.2113	270.00	0.086	220.3	0.9427
108.03	0.005	194.2	0.1811	270.08	0.085	221.4	0.9595
108.07	-0.002	193.4	0.1811	270.17	0.083	221.8	0.964
108.10	-0.005	193.4	0.1536	270.25	0.077	221.8	0.9542
108.15	-0.007	192	0.1163	270.33	0.066	221.3	0.9294
108.18	-0.015	191.2	0.1163	270.43	0.053	220.3	0.9045
108.20	-0.017	191.2	0.0879	270.50	0.044	219.1	0.8131
108.23	-0.017	190.4	0.0648	270.58	0.027	217.4	0.7128
108.27	-0.021	189.4	0.0346	270.67	0.014	215.3	0.5752
108.30	-0.029	188.4	0.0018	270.75	0.001	213	0.4136
108.33	-0.032	187.6	-0.0178	270.83	-0.016	209.7	0.205
108.37	-0.034	186.7	-0.0391	270.92	-0.036	204.7	0.0027
108.40	-0.04	185.8	-0.0391	271.00	-0.047	201	-0.1687
108.43	-0.042	185.8	-0.0604	271.08	-0.056	197.8	-0.3906
108.47	-0.042	185.1	-0.0772	271.17	-0.065	194.5	-0.498
108.50	-0.044	184.4	-0.0923	271.25	-0.07	192	-0.5681
108.53	-0.047	183.5	-0.1074	271.33	-0.072	190.3	-0.6098
108.57	-0.049	182.9	-0.1189	271.42	-0.073	189.3	-0.6302
108.60	-0.05	182.4	-0.1269	271.50	-0.069	188.8	-0.6329
108.63	-0.051	181.9	-0.1269	271.58	-0.063	189.5	-0.6231
108.67	-0.051	181.5	-0.1331	271.67	-0.055	190.4	-0.5876
108.70	-0.051	181.5	-0.1385	271.75	-0.042	192.4	-0.5415
108.73	-0.052	181.2	-0.1411	271.85	-0.027	195.4	-0.4687
108.77	-0.051	180.9	-0.142	271.92	-0.017	197.9	-0.3435
108.80	-0.05	180.7	-0.142	272.00	-0.002	200.7	-0.2077
108.83	-0.05	180.6	-0.1411	272.08	0.014	204	-0.0257
108.87	-0.048	180.6	-0.1385	272.17	0.026	207.2	0.1589

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
108.90	-0.044	180.7	-0.1385	272.25	0.041	210.2	0.3577
108.93	-0.043	180.7	-0.1349	272.33	0.06	213	0.5503
108.97	-0.043	180.7	-0.1305	272.42	0.071	216.4	0.6826
109.00	-0.04	181	-0.1234	272.50	0.077	218.2	0.8424
109.03	-0.034	181.3	-0.1145	272.58	0.083	219.5	0.9081
109.07	-0.032	181.6	-0.1056	272.67	0.087	220.7	0.9498
109.10	-0.029	181.9	-0.0932	272.75	0.086	221.4	0.9658
109.13	-0.022	182.6	-0.0932	272.83	0.084	221.8	0.9675
109.17	-0.018	183.1	-0.0772	272.92	0.075	221.8	0.9595
109.20	-0.018	183.1	-0.0639	273.00	0.065	221.3	0.9409
109.23	-0.015	183.5	-0.0444	273.08	0.057	220.6	0.8841
109.27	-0.009	184.5	-0.0195	273.17	0.041	219.2	0.8166
109.30	-0.002	185.2	0.0027	273.25	0.029	217.5	0.719
109.33	0.001	185.8	0.0231	273.35	0.013	214.9	0.6089
109.37	0.005	186.7	0.0524	273.42	-0.002	212.5	0.379
109.40	0.014	187.6	0.0524	273.50	-0.019	209.1	0.158
109.43	0.017	187.6	0.0817	273.58	-0.031	205.6	-0.0399
109.47	0.017	188.3	0.1047	273.67	-0.043	202.4	-0.2068
109.50	0.02	189.2	0.1323	273.75	-0.056	198.4	-0.3657
109.53	0.029	190.1	0.1633	273.83	-0.067	193.9	-0.4731
109.58	0.032	190.8	0.1837	273.92	-0.07	191.6	-0.5796
109.62	0.033	191.5	0.2024	274.00	-0.073	190	-0.6187
109.63	0.04	192.3	0.2281	274.08	-0.073	189.1	-0.6329
109.67	0.043	193	0.2494	274.17	-0.071	188.8	-0.6338
109.70	0.046	193.7	0.2725	274.25	-0.066	189.1	-0.624
109.73	0.052	194.5	0.2725	274.33	-0.053	190.2	-0.6
109.77	0.054	195.2	0.2974	274.42	-0.04	192.8	-0.561
109.80	0.054	195.2	0.3133	274.50	-0.032	194.9	-0.4607
109.83	0.056	195.8	0.3284	274.58	-0.017	197.6	-0.3551
109.87	0.059	196.5	0.3417	274.67	-0.002	200.7	-0.2121
109.90	0.061	197	0.3533	274.77	0.017	205	-0.0479
109.93	0.061	197.5	0.3595	274.83	0.028	208	0.1935
109.97	0.062	197.9	0.3657	274.92	0.045	210.9	0.3977
110.00	0.063	198.3	0.3657	275.00	0.058	213.7	0.5823
110.03	0.063	198.3	0.3701	275.08	0.066	215.9	0.7146
110.07	0.063	198.6	0.3737	275.17	0.076	217.8	0.8246
110.10	0.063	198.9	0.3746	275.25	0.084	219.3	0.8965
110.13	0.063	199.1	0.3755	275.33	0.086	220.9	0.9409
110.17	0.062	199.3	0.3746	275.42	0.086	221.6	0.9684
110.20	0.06	199.4	0.3719	275.50	0.083	222	0.9684
110.23	0.056	199.4	0.3719	275.58	0.077	221.9	0.9578
110.27	0.054	199.4	0.3675	275.67	0.07	221.7	0.9365
110.30	0.054	199.3	0.3639	275.75	0.058	220.8	0.9001
110.33	0.052	199.3	0.3577	275.83	0.039	218.9	0.8379
110.37	0.046	199	0.3488	275.92	0.026	217.1	0.7536
110.40	0.043	198.8	0.3409	276.00	0.013	215.3	0.5592
110.43	0.041	198.6	0.3293	276.08	-0.004	212.5	0.3764
110.47	0.034	198	0.3293	276.17	-0.017	209.3	0.1722
110.50	0.029	197.6	0.3133	276.27	-0.034	204.9	0.0142
110.53	0.026	197.6	0.2991	276.33	-0.045	201.6	-0.2352
110.57	0.026	197.3	0.2832	276.42	-0.058	197.8	-0.3932
110.60	0.022	196.5	0.261	276.50	-0.064	194.7	-0.4935
110.63	0.014	195.8	0.2343	276.58	-0.069	192.4	-0.5637
110.67	0.011	195.2	0.2148	276.67	-0.073	190.3	-0.6134
110.70	0.006	194.4	0.1873	276.75	-0.072	189	-0.632
110.73	-0.002	193.6	0.1873	276.83	-0.07	188.9	-0.6329
110.77	-0.006	193.6	0.1562	276.92	-0.064	189.2	-0.6196
110.80	-0.006	192.9	0.134	277.00	-0.054	190.5	-0.5929
110.83	-0.009	192	0.1074	277.08	-0.047	192.1	-0.5503
110.87	-0.017	191	0.0737	277.17	-0.033	194.2	-0.4864
110.90	-0.02	190.2	0.0506	277.25	-0.014	196.9	-0.3843
110.93	-0.023	189.3	0.0231	277.33	0.001	201.3	-0.261
110.97	-0.03	188.2	0.0231	277.42	0.014	204.5	-0.0062

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
111.00	-0.033	187.4	-0.0071	277.50	0.03	207.6	0.1873
111.05	-0.034	186.7	-0.0417	277.58	0.045	210.7	0.395
111.08	-0.038	185.8	-0.0417	277.68	0.058	214.2	0.5406
111.10	-0.042	185	-0.0604	277.75	0.067	216.4	0.7305
111.13	-0.042	185	-0.0781	277.83	0.078	218.2	0.8424
111.17	-0.044	184.4	-0.0932	277.92	0.084	219.7	0.9081
111.20	-0.047	183.6	-0.1092	278.00	0.085	220.8	0.9471
111.23	-0.05	182.9	-0.1207	278.08	0.086	221.5	0.9658
111.27	-0.05	182.5	-0.1269	278.17	0.082	222.1	0.9693
111.30	-0.051	182	-0.1331	278.25	0.074	221.9	0.9613
111.33	-0.052	181.6	-0.1331	278.33	0.068	221.6	0.9294
111.37	-0.051	181.6	-0.1376	278.42	0.055	220.7	0.8894
111.40	-0.051	181.3	-0.1411	278.50	0.043	219.3	0.822
111.43	-0.051	181	-0.1429	278.58	0.032	218	0.7314
111.47	-0.051	180.8	-0.1429	278.67	0.015	215.8	0.5956
111.50	-0.049	180.6	-0.142	278.75	-0.007	211.9	0.4296
111.53	-0.048	180.6	-0.1394	278.83	-0.02	208.7	0.2406
111.57	-0.045	180.7	-0.1394	278.92	-0.033	205.6	-0.0586
111.60	-0.042	180.8	-0.1349	279.00	-0.046	201.7	-0.2388
111.63	-0.042	180.8	-0.1305	279.08	-0.056	198.2	-0.3826
111.67	-0.04	180.9	-0.1243	279.17	-0.064	194.1	-0.5104
111.70	-0.036	181.4	-0.1145	279.25	-0.07	191.9	-0.5743
111.73	-0.031	181.7	-0.1056	279.33	-0.074	190.1	-0.6178
111.77	-0.029	182	-0.095	279.42	-0.073	189.2	-0.6329
111.80	-0.025	182.6	-0.0808	279.50	-0.071	188.8	-0.6338
111.83	-0.017	183.2	-0.0808	279.58	-0.063	189.2	-0.6249
111.87	-0.015	183.2	-0.0621	279.67	-0.052	190.8	-0.6036
111.90	-0.015	183.7	-0.047	279.75	-0.045	192.5	-0.5388
111.93	-0.011	184.4	-0.0249	279.83	-0.031	194.7	-0.4678
111.97	-0.002	185.3	0.0036	279.92	-0.016	197.5	-0.3595
112.00	0.001	185.9	0.024	280.00	-0.006	200.4	-0.2334
112.03	0.005	186.6	0.0515	280.08	0.011	203.5	-0.0675
112.07	0.013	187.6	0.0515	280.17	0.033	206.9	0.1376
112.10	0.017	188.4	0.0826	280.25	0.047	211.4	0.3284
112.13	0.017	188.4	0.1047	280.33	0.057	213.9	0.5947
112.17	0.02	189.1	0.1314	280.42	0.068	216.1	0.7341
112.20	0.027	190.2	0.1633	280.50	0.078	218.1	0.8424
112.23	0.032	191	0.1891	280.60	0.084	220	0.901
112.27	0.035	191.7	0.213	280.67	0.085	221	0.9533
112.30	0.041	192.7	0.2414	280.75	0.086	221.8	0.9711
112.33	0.046	193.4	0.2414	280.83	0.083	222.1	0.9711
112.37	0.048	193.4	0.2654	280.92	0.078	222.2	0.9604
112.40	0.048	194	0.2823	281.00	0.069	221.8	0.9409
112.43	0.051	194.8	0.3018	281.08	0.053	220.5	0.9027
112.48	0.056	195.5	0.3213	281.17	0.041	219.1	0.8504
112.52	0.056	196	0.3311	281.25	0.028	217.7	0.7092
112.53	0.058	196.6	0.3426	281.33	0.012	215.4	0.5637
112.57	0.061	197.2	0.3542	281.42	-0.001	212.8	0.3923
112.60	0.062	197.6	0.3604	281.50	-0.015	210	0.1979
112.63	0.063	198	0.3675	281.58	-0.031	206.4	-0.016
112.67	0.063	198.4	0.3675	281.67	-0.049	201	-0.1908
112.70	0.063	198.7	0.371	281.75	-0.057	197.5	-0.4083
112.73	0.063	198.7	0.3746	281.83	-0.064	194.7	-0.5068
112.77	0.063	199	0.3755	281.92	-0.071	192	-0.5787
112.80	0.062	199.2	0.3764	282.02	-0.073	189.8	-0.6169
112.83	0.062	199.4	0.3764	282.08	-0.073	189.1	-0.64
112.87	0.06	199.6	0.3728	282.17	-0.07	188.8	-0.6391
112.90	0.057	199.5	0.3693	282.25	-0.063	189.4	-0.6258
112.93	0.053	199.4	0.3693	282.33	-0.057	190.4	-0.6009
112.97	0.052	199.4	0.3648	282.42	-0.046	191.9	-0.5601
113.00	0.052	199.4	0.3604	282.50	-0.028	194.2	-0.4918
113.03	0.049	199.1	0.3515	282.58	-0.013	198.2	-0.4012
113.07	0.042	198.9	0.3409	282.67	-0.003	201.2	-0.2024

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
113.10	0.04	198.7	0.332	282.75	0.014	204.3	-0.0249
113.13	0.037	198.3	0.3187	282.83	0.029	207.6	0.1793
113.17	0.029	197.7	0.3187	282.92	0.041	210.6	0.371
113.20	0.026	197.7	0.3009	283.00	0.055	213.3	0.5503
113.23	0.026	197.4	0.2858	283.08	0.071	215.7	0.6995
113.27	0.022	196.8	0.2636	283.17	0.079	218.4	0.8078
113.30	0.014	196	0.2361	283.25	0.082	219.8	0.9143
113.33	0.01	195.4	0.2157	283.33	0.086	220.9	0.9533
113.37	0.007	194.8	0.1908	283.42	0.086	221.6	0.9684
113.40	0	193.7	0.158	283.52	0.083	222.2	0.972
113.43	-0.007	192.9	0.158	283.58	0.077	222.3	0.9587
113.47	-0.009	192.9	0.1323	283.67	0.067	221.7	0.9365
113.50	-0.009	192.2	0.1101	283.75	0.057	220.8	0.893
113.53	-0.013	191.2	0.0817	283.83	0.046	219.8	0.8335
113.57	-0.022	190.2	0.0488	283.92	0.03	218	0.7367
113.60	-0.024	189.5	0.0275	284.00	0.009	214.9	0.6063
113.63	-0.027	188.5	-0.0009	284.08	-0.005	212.2	0.45
113.67	-0.034	187.5	-0.0009	284.17	-0.018	209.3	0.1536
113.70	-0.036	187.5	-0.0275	284.25	-0.034	205.6	-0.0559
113.73	-0.036	186.7	-0.0453	284.33	-0.044	201.9	-0.229
113.77	-0.038	185.9	-0.0657	284.42	-0.054	198.8	-0.3666
113.80	-0.044	184.9	-0.087	284.50	-0.064	195.3	-0.4882
113.83	-0.046	184.3	-0.0994	284.58	-0.072	191.6	-0.5637
113.87	-0.047	183.7	-0.1118	284.67	-0.073	190.2	-0.6222
113.90	-0.049	182.9	-0.1118	284.75	-0.073	189.3	-0.6364
113.95	-0.051	182.5	-0.1305	284.83	-0.07	189	-0.6373
113.98	-0.051	182.1	-0.1349	284.93	-0.062	189.6	-0.6258
114.00	-0.051	181.7	-0.1394	285.00	-0.056	190.8	-0.5929
114.03	-0.052	181.3	-0.1394	285.08	-0.043	192.4	-0.5477
114.07	-0.051	181.3	-0.142	285.17	-0.03	194.8	-0.4722
114.10	-0.051	181.1	-0.1438	285.25	-0.02	197.4	-0.3764
114.13	-0.051	180.9	-0.1438	285.33	-0.005	200.3	-0.2432
114.17	-0.05	180.7	-0.1438	285.42	0.017	203.5	-0.071
114.20	-0.048	180.6	-0.1411	285.50	0.032	208.4	0.1163
114.23	-0.046	180.7	-0.1376	285.58	0.043	211.3	0.4083
114.27	-0.042	180.9	-0.1376	285.67	0.057	213.9	0.5858
114.30	-0.04	180.9	-0.1323	285.75	0.069	216.2	0.7314
114.33	-0.04	181	-0.1269	285.83	0.076	218.1	0.8299
114.37	-0.037	181.3	-0.1172	285.92	0.082	219.5	0.901
114.40	-0.031	181.7	-0.1056	286.00	0.086	220.8	0.9489
114.43	-0.028	182.1	-0.0959	286.08	0.086	221.8	0.9693
114.47	-0.025	182.5	-0.0826	286.17	0.083	222.2	0.9711
114.50	-0.019	183.2	-0.0826	286.25	0.077	222.2	0.9604
114.53	-0.014	183.8	-0.0648	286.33	0.066	221.7	0.9365
114.57	-0.014	183.8	-0.0479	286.43	0.054	220.7	0.9107
114.60	-0.011	184.3	-0.0284	286.50	0.044	219.6	0.8193
114.63	-0.005	185.3	0	286.58	0.027	217.8	0.7163
114.67	0.003	186	0.0275	286.67	0.014	215.7	0.5796
114.70	0.006	186.6	0.047	286.75	0.001	213.4	0.4154
114.73	0.009	187.6	0.0737	286.83	-0.016	210.1	0.2077
114.77	0.018	188.5	0.0737	286.92	-0.037	204.9	-0.0018
114.80	0.021	188.5	0.1056	287.00	-0.047	201.3	-0.1758
114.83	0.021	189.2	0.1287	287.08	-0.056	198.1	-0.395
114.87	0.025	190	0.1562	287.17	-0.065	194.7	-0.5068
114.90	0.033	191	0.1873	287.25	-0.07	192.3	-0.5743
114.93	0.036	191.7	0.2104	287.33	-0.072	190.6	-0.6178
114.97	0.039	192.5	0.2361	287.42	-0.073	189.5	-0.6382
115.00	0.046	193.4	0.2361	287.50	-0.069	189	-0.6418
115.03	0.048	194.1	0.2654	287.58	-0.064	189.6	-0.624
115.07	0.048	194.1	0.2823	287.67	-0.055	190.6	-0.5992
115.10	0.05	194.7	0.3009	287.75	-0.043	192.6	-0.5486
115.13	0.055	195.6	0.3204	287.85	-0.029	195.3	-0.4989
115.17	0.058	196.2	0.3346	287.92	-0.017	198.1	-0.3542

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
115.20	0.058	196.7	0.3462	288.00	-0.002	201	-0.2113
115.23	0.06	197.3	0.3577	288.08	0.014	204.3	-0.0364
115.27	0.063	197.8	0.3577	288.17	0.026	207.6	0.1571
115.30	0.063	197.8	0.3666	288.25	0.042	210.5	0.3586
115.33	0.063	198.2	0.371	288.33	0.06	213.4	0.5494
115.37	0.063	198.5	0.3746	288.42	0.072	216.8	0.6861
115.42	0.063	198.8	0.3772	288.50	0.077	218.6	0.8486
115.45	0.063	199.1	0.3781	288.58	0.083	219.9	0.9125
115.47	0.062	199.3	0.379	288.67	0.087	221	0.9533
115.50	0.062	199.6	0.379	288.75	0.086	221.8	0.9702
115.53	0.06	199.7	0.3764	288.83	0.084	222.2	0.972
115.57	0.058	199.7	0.3719	288.92	0.075	222.2	0.9631
115.60	0.053	199.6	0.3719	289.00	0.064	221.6	0.9436
115.63	0.052	199.5	0.3675	289.08	0.057	220.7	0.8876
115.67	0.052	199.5	0.363	289.17	0.043	219.6	0.8228
115.70	0.049	199.4	0.3542	289.25	0.028	217.8	0.719
115.73	0.043	199	0.3444	289.33	0.011	215.1	0.6231
115.77	0.039	198.8	0.3346	289.42	-0.002	212.6	0.3719
115.80	0.037	198.5	0.3213	289.50	-0.019	209.5	0.166
115.83	0.031	197.9	0.3036	289.58	-0.033	205.9	-0.0435
115.87	0.024	197.4	0.3036	289.67	-0.042	202.6	-0.2086
115.90	0.022	197.4	0.2858	289.75	-0.055	198.9	-0.3657
115.93	0.022	197	0.2698	289.83	-0.066	195.6	-0.4829
115.97	0.018	196.2	0.245	289.92	-0.071	191.8	-0.5557
116.00	0.009	195.5	0.2157	290.00	-0.073	190.4	-0.6222
116.03	0.006	194.8	0.1944	290.08	-0.073	189.5	-0.6364
116.07	0.002	194	0.1669	290.17	-0.07	189.2	-0.6373
116.10	-0.007	193	0.1669	290.25	-0.066	189.4	-0.6267
116.13	-0.01	193	0.134	290.33	-0.057	190.4	-0.6045
116.17	-0.01	192.3	0.111	290.42	-0.04	193	-0.5583
116.20	-0.013	191.5	0.0834	290.50	-0.028	195.5	-0.5024
116.23	-0.021	190.4	0.0488	290.58	-0.018	197.9	-0.3559
116.27	-0.025	189.5	0.0249	290.67	-0.001	201.2	-0.2077
116.30	-0.027	188.7	0.0018	290.77	0.018	205.6	-0.0328
116.33	-0.033	187.7	0.0018	290.83	0.031	208.6	0.1136
116.37	-0.037	186.8	-0.0249	290.92	0.044	211.4	0.4083
116.40	-0.037	186.8	-0.0453	291.00	0.058	214.2	0.5938
116.43	-0.039	186.1	-0.0639	291.08	0.068	216.5	0.727
116.47	-0.042	185.1	-0.0852	291.17	0.076	218.2	0.8317
116.50	-0.046	184.3	-0.1012	291.25	0.083	219.7	0.9036
116.53	-0.047	183.8	-0.111	291.33	0.087	221.4	0.9462
116.57	-0.048	183.1	-0.1207	291.42	0.085	222	0.972
116.60	-0.051	182.5	-0.1207	291.50	0.083	222.4	0.972
116.63	-0.051	182.5	-0.1305	291.58	0.076	222.3	0.9613
116.67	-0.051	182.1	-0.1358	291.67	0.07	221.8	0.94
116.70	-0.051	181.8	-0.1394	291.75	0.059	221.2	0.9027
116.73	-0.052	181.4	-0.1429	291.83	0.04	219.9	0.8388
116.77	-0.051	181.2	-0.1438	291.92	0.024	217.5	0.7563
116.80	-0.05	181	-0.1438	292.00	0.014	215.4	0.5628
116.85	-0.049	180.8	-0.1438	292.08	-0.003	213	0.3835
116.88	-0.048	180.8	-0.142	292.18	-0.022	209.7	0.1687
116.90	-0.046	180.8	-0.1376	292.25	-0.035	205.2	0.0213
116.93	-0.042	181	-0.1376	292.33	-0.045	201.8	-0.2414
116.97	-0.039	181.2	-0.1323	292.42	-0.057	198.2	-0.395
117.00	-0.039	181.2	-0.1269	292.50	-0.065	195	-0.4997
117.03	-0.037	181.3	-0.1189	292.58	-0.069	192.6	-0.5716
117.07	-0.033	181.9	-0.1074	292.67	-0.073	190.6	-0.6196
117.10	-0.027	182.3	-0.0959	292.75	-0.073	189.3	-0.6382
117.13	-0.025	182.6	-0.0852	292.83	-0.069	189.2	-0.6418
117.17	-0.021	183.3	-0.0683	292.92	-0.064	189.5	-0.6267
117.20	-0.013	183.9	-0.0683	293.00	-0.054	190.8	-0.6
117.23	-0.01	183.9	-0.0462	293.08	-0.044	192.6	-0.5512
117.27	-0.01	184.4	-0.0293	293.17	-0.034	194.5	-0.4855

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
117.30	-0.006	185.2	-0.0044	293.25	-0.018	197.4	-0.3826
117.33	0.002	186.1	0.024	293.33	0.002	201.9	-0.2503
117.37	0.006	186.7	0.047	293.42	0.014	205.1	-0.008
117.40	0.009	187.6	0.0746	293.50	0.029	208.1	0.1846
117.43	0.018	188.6	0.0746	293.58	0.045	211.2	0.4012
117.47	0.021	188.6	0.1074	293.68	0.058	214.7	0.545
117.50	0.021	189.3	0.1296	293.75	0.068	217	0.7376
117.53	0.025	190	0.1553	293.83	0.078	218.7	0.8459
117.57	0.032	191	0.1864	293.92	0.083	220.1	0.9125
117.60	0.036	191.8	0.2113	294.00	0.086	221.2	0.9507
117.63	0.039	192.5	0.2352	294.08	0.086	221.9	0.9702
117.67	0.044	193.5	0.2627	294.17	0.082	222.4	0.9729
117.70	0.049	194.2	0.2627	294.25	0.074	222.3	0.9649
117.73	0.051	194.2	0.2849	294.33	0.068	221.8	0.9338
117.77	0.051	194.8	0.3009	294.42	0.056	221.1	0.893
117.80	0.053	195.6	0.3187	294.50	0.042	219.8	0.8246
117.83	0.058	196.3	0.3355	294.58	0.032	218.2	0.7341
117.87	0.059	196.8	0.3462	294.67	0.016	216.3	0.6027
117.90	0.06	197.4	0.3568	294.75	-0.006	213.7	0.4305
117.93	0.063	197.9	0.3568	294.83	-0.021	209.1	0.2459
117.97	0.063	197.9	0.3675	294.92	-0.032	205.8	-0.0577
118.00	0.063	198.3	0.3719	295.00	-0.046	202.1	-0.2388
118.03	0.063	198.6	0.3755	295.10	-0.059	198.4	-0.3897
118.07	0.063	198.9	0.3781	295.17	-0.067	194.3	-0.4731
118.10	0.063	199.2	0.3799	295.25	-0.07	192.2	-0.5832
118.13	0.062	199.4	0.3799	295.33	-0.073	190.5	-0.6231
118.17	0.061	199.6	0.3799	295.42	-0.073	189.5	-0.6391
118.20	0.059	199.7	0.379	295.50	-0.071	189.2	-0.64
118.23	0.057	199.7	0.3764	295.58	-0.065	189.5	-0.6311
118.27	0.057	199.7	0.3728	295.67	-0.053	191.2	-0.6071
118.32	0.051	199.6	0.3675	295.75	-0.04	193.1	-0.5681
118.35	0.049	199.6	0.3648	295.83	-0.031	195.1	-0.4651
118.37	0.049	199.5	0.3577	295.92	-0.016	198.1	-0.3586
118.40	0.046	199.1	0.3471	296.00	-0.002	201.1	-0.2184
118.43	0.038	198.8	0.3346	296.08	0.01	204.1	-0.055
118.47	0.036	198.6	0.3249	296.17	0.027	207.5	0.1482
118.50	0.033	198.1	0.3071	296.25	0.048	212	0.3542
118.53	0.024	197.5	0.3071	296.33	0.059	214.6	0.5273
118.57	0.022	197.1	0.2876	296.42	0.068	216.7	0.743
118.60	0.022	197.1	0.2716	296.50	0.078	218.6	0.8468
118.63	0.018	196.5	0.2468	296.60	0.084	220.5	0.9018
118.67	0.01	195.6	0.2175	296.67	0.086	221.5	0.9595
118.70	0.005	194.9	0.1944	296.75	0.086	222.2	0.9737
118.73	0.002	194.2	0.1687	296.83	0.083	222.6	0.9746
118.77	-0.004	193.2	0.1367	296.92	0.078	222.5	0.964
118.80	-0.011	192.3	0.1367	297.00	0.07	222.2	0.9444
118.83	-0.014	192.3	0.1083	297.08	0.054	221.2	0.9036
118.87	-0.014	191.7	0.087	297.17	0.039	219.5	0.8495
118.90	-0.017	190.6	0.0577	297.25	0.029	217.8	0.7092
118.93	-0.026	189.6	0.0257	297.33	0.013	215.8	0.5716
118.97	-0.028	188.9	0.0053	297.42	-0.003	213.2	0.3897
119.00	-0.031	187.9	-0.0186	297.50	-0.014	210.1	0.1971
119.03	-0.037	187	-0.0186	297.58	-0.03	206.8	-0.008
119.07	-0.039	187	-0.0453	297.67	-0.048	203	-0.2024
119.10	-0.039	186.2	-0.063	297.75	-0.059	197.8	-0.3435
119.13	-0.041	185.4	-0.0808	297.83	-0.064	194.9	-0.5131
119.17	-0.046	184.5	-0.0976	297.92	-0.07	192.4	-0.5823
119.20	-0.047	183.9	-0.1101	298.02	-0.073	190.8	-0.6205
119.23	-0.048	183.3	-0.1216	298.08	-0.072	189.5	-0.6391
119.27	-0.051	182.6	-0.1216	298.17	-0.07	189.3	-0.64
119.30	-0.052	182.2	-0.1314	298.25	-0.064	189.6	-0.6276
119.33	-0.052	182.2	-0.1376	298.33	-0.054	190.9	-0.6009
119.37	-0.051	181.9	-0.1402	298.42	-0.047	192.5	-0.5574

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
119.40	-0.051	181.6	-0.1429	298.50	-0.033	194.6	-0.4918
119.43	-0.051	181.3	-0.1447	298.58	-0.013	197.4	-0.3879
119.47	-0.05	181.1	-0.1447	298.67	0.001	201.7	-0.2707
119.50	-0.05	181	-0.1429	298.75	0.014	204.9	-0.0151
119.53	-0.047	181	-0.1429	298.83	0.03	208.2	0.1873
119.57	-0.045	181	-0.1402	298.92	0.044	211.2	0.3959
119.60	-0.045	181	-0.1358	299.00	0.054	213.8	0.5583
119.63	-0.043	181.2	-0.1305	299.08	0.067	216.2	0.7092
119.67	-0.037	181.5	-0.1234	299.17	0.079	218.9	0.822
119.70	-0.035	181.6	-0.1163	299.25	0.084	220.3	0.893
119.75	-0.033	181.9	-0.1101	299.33	0.086	221.3	0.9578
119.78	-0.029	182.2	-0.1012	299.42	0.086	222.1	0.9737
119.80	-0.025	182.6	-0.0879	299.50	0.082	222.6	0.9764
119.83	-0.021	183.2	-0.0683	299.58	0.076	222.4	0.9684
119.87	-0.013	184	-0.0683	299.67	0.068	222.1	0.9382
119.90	-0.01	184.5	-0.0462	299.75	0.055	221.1	0.8956
119.93	-0.01	184.5	-0.0302	299.83	0.045	219.8	0.8299
119.97	-0.006	185.1	-0.008	299.92	0.032	218.5	0.7385
120.00	0	186.1	0.0213	300.00	0.015	216.2	0.5974
120.03	0.007	186.8	0.047	300.08	-0.007	212.4	0.4287
120.07	0.01	187.6	0.0701	300.17	-0.019	209.1	0.1314
120.10	0.014	188.5	0.0985	300.25	-0.033	205.9	-0.0577
120.13	0.022	189.4	0.0985	300.33	-0.046	202.2	-0.2343
120.17	0.025	189.4	0.1296	300.42	-0.054	198.8	-0.3781
120.20	0.025	190.1	0.1536	300.50	-0.063	195.8	-0.4891
120.23	0.029	191	0.1829	300.58	-0.07	192.9	-0.5699
120.27	0.037	191.9	0.2148	300.67	-0.074	190.3	-0.6142
120.30	0.039	192.6	0.2343	300.75	-0.073	189.5	-0.6444
120.33	0.042	193.5	0.2601	300.83	-0.07	189.2	-0.6435
120.37	0.049	194.2	0.2601	300.93	-0.062	189.7	-0.6311
120.40	0.051	194.2	0.2849	301.00	-0.052	191.2	-0.6125
120.43	0.051	194.9	0.3018	301.08	-0.044	192.9	-0.5459
120.47	0.053	195.6	0.3187	301.17	-0.031	195.2	-0.4767
120.50	0.057	196.3	0.3364	301.25	-0.016	198	-0.3666
120.53	0.059	196.9	0.3488	301.33	-0.006	200.9	-0.2361
120.57	0.06	197.4	0.3586	301.42	0.011	204	-0.0666
120.60	0.062	197.9	0.3586	301.50	0.033	207.3	0.1394
120.63	0.063	198.4	0.3675	301.58	0.047	211.8	0.3293
120.67	0.063	198.4	0.3737	301.67	0.057	214.5	0.5965
120.70	0.063	198.7	0.3772	301.75	0.069	216.7	0.7367
120.73	0.063	199	0.3799	301.83	0.078	218.6	0.8459
120.77	0.063	199.3	0.3808	301.92	0.082	220	0.9089
120.80	0.062	199.5	0.3808	302.00	0.086	221.1	0.9542
120.83	0.062	199.7	0.3808	302.08	0.086	222.2	0.9711
120.87	0.059	199.8	0.3808	302.17	0.082	222.5	0.9755
120.90	0.057	199.8	0.3781	302.25	0.077	222.5	0.9595
120.93	0.057	199.8	0.3737	302.35	0.067	222	0.9382
120.97	0.055	199.7	0.3684	302.42	0.052	220.9	0.9089
121.00	0.049	199.5	0.3622	302.50	0.042	219.5	0.8548
121.03	0.047	199.4	0.3551	302.58	0.028	218	0.711
121.07	0.044	199.2	0.3453	302.67	0.012	215.8	0.5663
121.10	0.037	198.7	0.3453	302.75	-0.001	213.1	0.387
121.13	0.034	198.4	0.3311	302.83	-0.015	210.3	0.2024
121.17	0.034	198.4	0.3204	302.92	-0.036	206.8	-0.0071
121.22	0.027	197.6	0.3036	303.00	-0.048	201.5	-0.1775
121.25	0.021	197.1	0.2929	303.08	-0.056	198.1	-0.4021
121.27	0.021	197.1	0.2734	303.17	-0.064	195	-0.5113
121.30	0.018	196.6	0.2503	303.25	-0.071	192.2	-0.5876
121.33	0.012	195.6	0.2201	303.33	-0.072	190.7	-0.624
121.37	0.004	194.8	0.1935	303.42	-0.074	189.7	-0.6435
121.40	0.002	194.3	0.1731	303.50	-0.069	189.3	-0.6453
121.43	-0.002	193.4	0.1456	303.58	-0.062	189.9	-0.6364
121.47	-0.011	192.4	0.1456	303.67	-0.056	191.1	-0.5992

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
121.50	-0.014	192.4	0.1118	303.75	-0.044	192.7	-0.553
121.53	-0.014	191.7	0.0879	303.85	-0.028	194.8	-0.4944
121.57	-0.017	190.8	0.0595	303.92	-0.013	198.6	-0.4092
121.60	-0.025	189.8	0.0257	304.00	-0.002	201.5	-0.2077
121.63	-0.028	188.9	0.0053	304.08	0.014	204.8	-0.0302
121.67	-0.031	188.2	-0.0169	304.17	0.029	208	0.174
121.70	-0.036	187.1	-0.0169	304.25	0.041	210.9	0.3693
121.73	-0.04	186.2	-0.0435	304.33	0.056	213.8	0.5592
121.77	-0.04	186.2	-0.0639	304.42	0.071	216.1	0.7057
121.80	-0.041	185.5	-0.0808	304.50	0.079	218.9	0.814
121.83	-0.045	184.6	-0.0976	304.58	0.083	220.2	0.9205
121.87	-0.048	183.9	-0.1118	304.67	0.086	221.4	0.9569
121.90	-0.049	183.4	-0.1207	304.75	0.086	222.1	0.9746
121.93	-0.05	182.8	-0.1296	304.83	0.084	222.5	0.9755
121.97	-0.052	182.3	-0.1296	304.92	0.078	222.5	0.9666
122.00	-0.051	182.3	-0.1367	305.00	0.065	221.9	0.9462
122.03	-0.051	181.9	-0.1402	305.08	0.054	220.9	0.9134
122.07	-0.051	181.6	-0.142	305.17	0.043	219.9	0.8211
122.10	-0.051	181.4	-0.1438	305.27	0.027	218	0.7181
122.13	-0.05	181.2	-0.1438	305.33	0.009	215.3	0.616
122.17	-0.05	181	-0.1429	305.42	-0.004	212.6	0.4562
122.20	-0.047	181.1	-0.1429	305.50	-0.019	209.7	0.1509
122.23	-0.045	181.1	-0.1402	305.58	-0.034	206	-0.0595
122.27	-0.045	181.1	-0.1367	305.67	-0.044	202.3	-0.2334
122.30	-0.043	181.2	-0.1305	305.75	-0.055	199.1	-0.3781
122.33	-0.038	181.5	-0.1234	305.83	-0.064	195.6	-0.4953
122.37	-0.035	181.7	-0.1163	305.92	-0.072	191.9	-0.5663
122.40	-0.032	182	-0.1047	306.00	-0.073	190.4	-0.632
122.43	-0.027	182.6	-0.0914	306.08	-0.073	189.5	-0.6471
122.47	-0.021	183.2	-0.0914	306.17	-0.069	189.3	-0.6462
122.50	-0.019	183.2	-0.0772	306.25	-0.065	189.7	-0.6347
122.53	-0.019	183.5	-0.063	306.33	-0.057	190.5	-0.6134
122.57	-0.015	184.3	-0.0444	306.42	-0.042	192.4	-0.5654
122.60	-0.006	185	-0.0186	306.50	-0.027	195.9	-0.5051
122.63	-0.004	185.6	0.0009	306.58	-0.017	198.5	-0.3542
122.68	0	186.2	0.0178	306.67	-0.001	201.4	-0.213
122.70	0.005	186.9	0.0391	306.77	0.017	204.2	-0.0737
122.73	0.009	187.7	0.0657	306.83	0.032	208.8	0.1083
122.77	0.014	188.6	0.0985	306.92	0.043	211.8	0.411
122.80	0.022	189.5	0.0985	307.00	0.058	214.4	0.5929
122.83	0.026	190.3	0.1331	307.08	0.069	216.7	0.735
122.87	0.026	190.3	0.1544	307.17	0.075	218.5	0.8317
122.90	0.029	191	0.1802	307.25	0.082	220	0.9054
122.93	0.036	192.1	0.213	307.33	0.086	221.2	0.9516
122.97	0.04	192.8	0.2361	307.42	0.086	222.3	0.972
123.00	0.043	193.5	0.261	307.50	0.083	222.6	0.9737
123.03	0.048	194.4	0.2867	307.58	0.076	222.6	0.9649
123.07	0.052	195	0.2867	307.67	0.067	222.1	0.94
123.10	0.052	195	0.3053	307.75	0.059	221.5	0.9027
123.13	0.053	195.7	0.3196	307.83	0.044	220.1	0.8397
123.17	0.056	196.5	0.3373	307.92	0.024	217.7	0.7447
123.20	0.06	197.1	0.3515	308.00	0.011	215.5	0.6276
123.23	0.06	197.5	0.3604	308.08	-0.003	213.1	0.3684
123.27	0.061	198	0.3675	308.18	-0.019	209.7	0.1553
123.30	0.063	198.5	0.3675	308.25	-0.036	205.2	0.0044
123.33	0.063	198.5	0.3746	308.33	-0.047	201.4	-0.1749
123.37	0.063	198.8	0.379	308.42	-0.056	198.3	-0.4074
123.40	0.063	199.2	0.3817	308.50	-0.065	194.9	-0.5148
123.43	0.063	199.4	0.3826	308.58	-0.07	192.4	-0.5832
123.47	0.062	199.7	0.3835	308.67	-0.073	190.9	-0.624
123.50	0.062	199.8	0.3826	308.75	-0.073	189.7	-0.6435
123.53	0.06	199.9	0.3826	308.83	-0.069	189.3	-0.6471
123.57	0.057	199.9	0.3799	308.92	-0.064	190	-0.6311

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
123.60	0.057	199.9	0.3764	309.00	-0.055	190.9	-0.6054
123.63	0.054	199.9	0.3693	309.08	-0.043	192.9	-0.5548
123.67	0.051	199.7	0.3639	309.17	-0.034	195	-0.4891
123.70	0.046	199.5	0.3559	309.25	-0.019	197.6	-0.3906
123.73	0.044	199.3	0.348	309.33	0.002	200.6	-0.2539
123.77	0.041	198.9	0.3364	309.42	0.017	205.4	-0.0959
123.80	0.032	198.5	0.3364	309.50	0.029	208.6	0.2006
123.83	0.031	198.5	0.3204	309.58	0.044	211.5	0.4012
123.87	0.031	198.2	0.3071	309.67	0.058	213.8	0.5317
123.90	0.027	197.6	0.2876	309.75	0.071	217.3	0.679
123.93	0.018	196.9	0.2627	309.83	0.077	219	0.853
123.97	0.015	196.4	0.2432	309.92	0.083	220.4	0.9214
124.00	0.011	195.8	0.2166	310.00	0.086	221.5	0.9595
124.03	0.003	194.7	0.2166	310.08	0.086	222.2	0.9737
124.07	-0.002	194	0.1846	310.17	0.084	222.7	0.9764
124.12	-0.003	193.5	0.1447	310.25	0.075	222.7	0.9684
124.15	-0.008	192.6	0.1163	310.33	0.065	222.1	0.9489
124.17	-0.015	191.7	0.1163	310.42	0.057	221.4	0.893
124.20	-0.017	191.7	0.087	310.50	0.042	220	0.8255
124.23	-0.017	191	0.0639	310.58	0.028	218.2	0.7225
124.27	-0.022	189.9	0.0346	310.67	0.016	216.5	0.5965
124.30	-0.029	189	0.0036	310.75	0	213.8	0.419
124.33	-0.031	188.2	-0.016	310.83	-0.022	209.1	0.2157
124.37	-0.034	187.3	-0.0391	310.92	-0.034	205.6	0.024
124.40	-0.04	186.3	-0.0391	311.00	-0.045	202.2	-0.2512
124.43	-0.042	186.3	-0.0639	311.10	-0.057	198.4	-0.4039
124.47	-0.042	185.6	-0.079	311.17	-0.066	194.5	-0.4873
124.50	-0.044	184.8	-0.095	311.25	-0.071	191.9	-0.5956
124.53	-0.048	184	-0.111	311.33	-0.073	190.4	-0.6338
124.57	-0.049	183.5	-0.1207	311.42	-0.073	189.6	-0.6462
124.60	-0.05	182.9	-0.1287	311.50	-0.071	189.3	-0.6471
124.63	-0.051	182.4	-0.1287	311.58	-0.065	189.6	-0.6382
124.67	-0.052	182	-0.1367	311.67	-0.053	190.7	-0.6142
124.70	-0.052	182	-0.1411	311.75	-0.04	193.3	-0.5743
124.73	-0.052	181.7	-0.1438	311.83	-0.032	195.6	-0.4722
124.77	-0.051	181.4	-0.1438	311.92	-0.016	198.2	-0.3648
124.80	-0.05	181.2	-0.1447	312.00	-0.001	201.3	-0.2192
124.83	-0.05	181.1	-0.1438	312.08	0.01	204.5	-0.055
124.87	-0.048	181.1	-0.1411	312.17	0.026	207.7	0.1429
124.90	-0.044	181.2	-0.1411	312.25	0.048	210.8	0.3559
124.93	-0.043	181.2	-0.1367	312.33	0.06	214.9	0.5281
124.97	-0.043	181.2	-0.1314	312.42	0.068	217	0.7474
125.00	-0.04	181.5	-0.1252	312.52	0.077	218.8	0.8486
125.03	-0.034	181.8	-0.1163	312.58	0.084	220.2	0.9045
125.07	-0.032	182.1	-0.1074	312.67	0.086	221.8	0.948
125.10	-0.029	182.5	-0.095	312.75	0.086	222.4	0.9764
125.13	-0.022	183.2	-0.095	312.83	0.083	222.8	0.9755
125.17	-0.018	183.6	-0.0781	312.92	0.076	222.7	0.9658
125.20	-0.018	183.6	-0.0639	313.00	0.07	222.4	0.9453
125.23	-0.015	184.1	-0.0453	313.08	0.058	221.6	0.9072
125.27	-0.008	185	-0.0195	313.17	0.039	219.7	0.8441
125.30	-0.003	185.7	0.0027	313.25	0.026	217.9	0.7643
125.33	0.001	186.3	0.0284	313.33	0.014	216.1	0.5663
125.37	0.006	187.4	0.0586	313.42	-0.004	213.2	0.3737
125.40	0.014	188.2	0.0586	313.50	-0.017	210.1	0.1722
125.43	0.017	188.2	0.0879	313.58	-0.03	207	-0.0231
125.47	0.017	188.9	0.1092	313.67	-0.044	203	-0.213
125.50	0.02	189.8	0.1358	313.75	-0.059	197.7	-0.3657
125.53	0.029	190.7	0.1687	313.83	-0.066	194.8	-0.482
125.58	0.031	191.4	0.1891	313.92	-0.07	192.5	-0.5929
125.62	0.033	192.1	0.2077	314.02	-0.073	190.8	-0.6311
125.63	0.04	192.9	0.2352	314.08	-0.072	189.5	-0.6471
125.67	0.043	193.6	0.2574	314.17	-0.07	189.4	-0.648

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
125.70	0.046	194.3	0.2814	314.25	-0.064	189.7	-0.6338
125.73	0.052	195.2	0.2814	314.33	-0.054	191.2	-0.6071
125.77	0.054	195.9	0.3045	314.42	-0.045	193	-0.5574
125.80	0.054	195.9	0.3204	314.50	-0.034	194.8	-0.4935
125.83	0.055	196.4	0.3355	314.58	-0.018	197.8	-0.3879
125.87	0.058	197.2	0.3506	314.67	0.002	202.2	-0.2583
125.90	0.061	197.7	0.3622	314.75	0.014	205.4	-0.0124
125.93	0.062	198.1	0.3693	314.83	0.029	208.4	0.1855
125.97	0.062	198.6	0.3764	314.92	0.044	211.5	0.395
126.00	0.063	198.9	0.3764	315.00	0.054	214.3	0.5637
126.03	0.064	198.9	0.3808	315.08	0.067	216.5	0.7146
126.07	0.064	199.3	0.3843	315.17	0.079	218.5	0.8299
126.10	0.063	199.6	0.3852	315.25	0.085	220.7	0.8974
126.13	0.062	199.8	0.3852	315.33	0.086	221.7	0.9622
126.17	0.061	199.9	0.3843	315.43	0.086	222.4	0.9773
126.20	0.06	200	0.3817	315.50	0.082	222.8	0.98
126.23	0.056	200	0.3817	315.58	0.074	222.8	0.972
126.27	0.055	200	0.3781	315.67	0.068	222.3	0.9391
126.30	0.055	200	0.3737	315.75	0.056	221.5	0.9001
126.33	0.052	199.9	0.3675	315.83	0.042	220.1	0.8291
126.37	0.046	199.6	0.3586	315.92	0.032	218.7	0.7394
126.40	0.043	199.4	0.3506	316.00	0.015	216.7	0.6054
126.43	0.041	199.2	0.34	316.08	-0.006	214.1	0.4341
126.47	0.034	198.7	0.34	316.17	-0.02	209.5	0.2423
126.50	0.029	198.3	0.324	316.25	-0.032	206.3	-0.0621
126.53	0.029	198.3	0.3089	316.33	-0.046	202.3	-0.2521
126.57	0.027	197.9	0.2911	316.42	-0.056	198.7	-0.3977
126.60	0.021	197.1	0.2663	316.50	-0.063	195.9	-0.5006
126.63	0.013	196.4	0.2406	316.58	-0.069	193	-0.5779
126.67	0.01	195.9	0.221	316.67	-0.073	190.5	-0.6258
126.70	0.006	195	0.1944	316.75	-0.073	189.7	-0.648
126.73	-0.002	194.1	0.1944	316.83	-0.07	189.5	-0.6498
126.77	-0.005	194.1	0.1616	316.93	-0.065	189.8	-0.6418
126.80	-0.005	193.5	0.1402	317.00	-0.052	191.5	-0.6187
126.83	-0.008	192.5	0.111	317.08	-0.042	193.4	-0.5459
126.87	-0.017	191.5	0.0754	317.17	-0.031	195.4	-0.4776
126.90	-0.021	190.7	0.0515	317.25	-0.015	198.4	-0.3648
126.93	-0.024	189.9	0.0249	317.33	-0.003	201.5	-0.2237
126.97	-0.03	188.8	0.0249	317.42	0.011	204.5	-0.063
127.02	-0.032	188.1	-0.0195	317.50	0.026	207.8	0.1367
127.05	-0.034	187.4	-0.0399	317.58	0.049	212.5	0.3551
127.07	-0.039	186.3	-0.0399	317.67	0.058	215.1	0.6151
127.10	-0.043	185.6	-0.063	317.75	0.069	217.1	0.7456
127.13	-0.043	185.6	-0.0799	317.83	0.077	218.9	0.8415
127.17	-0.044	184.9	-0.0941	317.92	0.081	220.4	0.9089
127.20	-0.046	184.1	-0.1083	318.00	0.085	221.6	0.956
127.23	-0.049	183.5	-0.1216	318.08	0.086	222.4	0.9755
127.27	-0.05	183	-0.1296	318.17	0.082	222.9	0.9791
127.30	-0.051	182.5	-0.1358	318.25	0.077	222.7	0.964
127.33	-0.052	182.1	-0.1358	318.35	0.068	222.4	0.9418
127.37	-0.051	182.1	-0.1411	318.42	0.054	221.8	0.9116
127.40	-0.051	181.8	-0.1429	318.50	0.039	219.9	0.8539
127.43	-0.051	181.5	-0.1447	318.58	0.029	218.2	0.7128
127.47	-0.05	181.3	-0.1447	318.67	0.013	216.2	0.5743
127.50	-0.049	181.2	-0.1438	318.75	-0.002	213.6	0.3906
127.53	-0.048	181.1	-0.1411	318.83	-0.015	210.6	0.1962
127.57	-0.044	181.2	-0.1411	318.92	-0.03	207.2	-0.0124
127.60	-0.042	181.3	-0.1367	319.00	-0.048	203.4	-0.205
127.63	-0.042	181.3	-0.1331	319.08	-0.059	198.1	-0.3488
127.67	-0.04	181.4	-0.1252	319.17	-0.064	195.2	-0.5175
127.70	-0.035	181.9	-0.1163	319.25	-0.07	192.7	-0.5903
127.73	-0.031	182.2	-0.1074	319.33	-0.073	190.9	-0.6311
127.77	-0.029	182.5	-0.095	319.42	-0.073	189.9	-0.6489

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
127.80	-0.023	183.3	-0.079	319.50	-0.071	189.6	-0.6506
127.83	-0.017	183.8	-0.079	319.58	-0.062	190.3	-0.64
127.87	-0.015	183.8	-0.063	319.67	-0.053	191.6	-0.6187
127.90	-0.015	184.2	-0.047	319.75	-0.044	193.1	-0.5548
127.93	-0.011	185	-0.0249	319.85	-0.034	194.9	-0.5068
127.97	-0.002	185.8	0.0027	319.92	-0.012	199.3	-0.3968
128.00	0.001	186.4	0.0249	320.00	0	202.3	-0.2725
128.03	0.005	187.4	0.0533	320.08	0.014	205.3	-0.0169
128.07	0.014	188.3	0.0533	320.17	0.03	208.7	0.1926
128.10	0.017	188.3	0.0861	320.25	0.043	211.8	0.3968
128.13	0.017	189	0.1101	320.33	0.055	214.3	0.569
128.17	0.021	189.8	0.1385	320.42	0.067	216.8	0.7208
128.20	0.028	190.7	0.1678	320.50	0.08	219.5	0.8264
128.23	0.032	191.5	0.1917	320.58	0.083	220.9	0.9267
128.27	0.035	192.3	0.2192	320.67	0.086	221.9	0.964
128.30	0.042	193.2	0.2192	320.75	0.086	222.5	0.9782
128.33	0.045	194	0.2494	320.83	0.084	222.9	0.9791
128.37	0.045	194	0.2716	320.92	0.079	223	0.9702
128.40	0.047	194.6	0.2911	321.00	0.066	222.5	0.9471
128.43	0.052	195.5	0.3124	321.08	0.052	221.3	0.9134
128.48	0.056	196.2	0.3293	321.17	0.044	220	0.822
128.52	0.056	196.7	0.34	321.27	0.028	218.5	0.7296
128.53	0.058	197.2	0.3515	321.33	0.01	216.8	0.6169
128.57	0.061	197.8	0.3622	321.42	-0.006	213	0.4518
128.60	0.062	198.2	0.3693	321.50	-0.018	209.9	0.1491
128.63	0.062	198.6	0.3764	321.58	-0.033	206.4	-0.0577
128.67	0.063	199.1	0.3764	321.67	-0.045	202.6	-0.2397
128.70	0.063	199.1	0.3817	321.75	-0.054	199.3	-0.3817
128.73	0.063	199.4	0.3852	321.83	-0.064	195.9	-0.4997
128.77	0.063	199.7	0.3861	321.92	-0.071	193.3	-0.5761
128.80	0.063	199.9	0.387	322.00	-0.073	190.7	-0.6222
128.83	0.061	200	0.3861	322.08	-0.073	189.9	-0.6515
128.87	0.06	200.2	0.3826	322.17	-0.07	189.6	-0.6506
128.90	0.057	200.1	0.3826	322.25	-0.064	190.1	-0.6382
128.93	0.054	200.1	0.3781	322.33	-0.057	191	-0.6134
128.97	0.052	200.1	0.3746	322.42	-0.045	192.8	-0.5716
129.00	0.052	200	0.3684	322.50	-0.027	196.3	-0.5006
129.03	0.049	199.8	0.3613	322.58	-0.014	199.1	-0.411
129.07	0.042	199.5	0.3515	322.68	-0.002	201.9	-0.2068
129.10	0.041	199.3	0.3417	322.75	0.011	204.7	-0.0737
129.13	0.037	198.8	0.3267	322.83	0.033	209.5	0.134
129.17	0.028	198.3	0.3267	322.92	0.046	212.6	0.3293
129.20	0.026	198.3	0.308	323.00	0.057	215	0.6036
129.23	0.026	198	0.2938	323.08	0.07	217.3	0.7483
129.27	0.022	197.4	0.2734	323.17	0.076	219.1	0.8406
129.30	0.014	196.6	0.245	323.25	0.082	220.6	0.9107
129.33	0.01	196	0.2237	323.33	0.086	221.8	0.9604
129.37	0.007	195.4	0.1971	323.42	0.085	222.7	0.9764
129.40	-0.001	194.3	0.1971	323.50	0.083	223	0.9782
129.43	-0.007	193.5	0.1642	323.58	0.077	223	0.9666
129.47	-0.007	193.5	0.1376	323.67	0.066	222.5	0.9444
129.50	-0.009	192.8	0.1127	323.75	0.058	221.7	0.9027
129.53	-0.014	191.7	0.0799	323.83	0.046	220.7	0.845
129.57	-0.022	190.7	0.0497	323.92	0.026	218.9	0.7501
129.60	-0.024	190	0.0284	324.00	0.01	215.9	0.6267
129.63	-0.027	189	0.0027	324.08	-0.003	213.2	0.3648
129.67	-0.034	188.1	0.0027	324.18	-0.016	210.6	0.19
129.70	-0.036	188.1	-0.0249	324.25	-0.035	207.3	-0.0036
129.73	-0.036	187.3	-0.0444	324.33	-0.048	201.8	-0.182
129.77	-0.038	186.4	-0.0648	324.42	-0.056	198.5	-0.4083
129.80	-0.044	185.5	-0.087	324.50	-0.065	195.4	-0.5175
129.83	-0.045	184.8	-0.0994	324.58	-0.071	192.8	-0.5903
129.87	-0.047	184.2	-0.1118	324.67	-0.072	191.2	-0.6302

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
129.92	-0.049	183.5	-0.1234	324.75	-0.073	190.1	-0.6506
129.95	-0.05	183	-0.1305	324.83	-0.069	189.7	-0.6524
129.97	-0.051	182.6	-0.1358	324.92	-0.062	190.4	-0.6435
130.00	-0.051	182.2	-0.1402	325.00	-0.055	191.3	-0.6071
130.03	-0.052	181.8	-0.1402	325.08	-0.043	193.2	-0.5592
130.07	-0.051	181.8	-0.1438	325.17	-0.031	195.7	-0.4847
130.10	-0.051	181.6	-0.1447	325.25	-0.02	198	-0.3888
130.13	-0.051	181.4	-0.1447	325.33	-0.003	201.2	-0.245
130.17	-0.05	181.2	-0.1447	325.42	0.018	206.1	-0.0817
130.20	-0.048	181.2	-0.142	325.50	0.031	209.3	0.1127
130.23	-0.046	181.2	-0.1385	325.60	0.044	212.1	0.4136
130.27	-0.042	181.4	-0.1385	325.67	0.055	214.6	0.5566
130.30	-0.04	181.4	-0.1331	325.75	0.072	217.9	0.7066
130.33	-0.04	181.5	-0.1278	325.83	0.078	219.6	0.8175
130.37	-0.037	181.8	-0.1189	325.92	0.083	220.9	0.924
130.40	-0.031	182.3	-0.1074	326.00	0.086	222	0.964
130.43	-0.028	182.6	-0.0968	326.08	0.086	222.7	0.98
130.47	-0.025	183	-0.0843	326.17	0.084	223.1	0.9808
130.50	-0.019	183.8	-0.0648	326.25	0.075	223.1	0.9729
130.53	-0.013	184.4	-0.0648	326.33	0.064	222.5	0.9533
130.57	-0.013	184.4	-0.0462	326.42	0.057	221.5	0.8947
130.60	-0.01	184.9	-0.0257	326.50	0.043	220.4	0.8282
130.63	-0.005	185.8	0.0009	326.58	0.027	218.6	0.7234
130.67	0.003	186.6	0.0284	326.67	0.017	216.7	0.5965
130.70	0.005	187.3	0.0479	326.75	0	214.3	0.4234
130.73	0.009	188.2	0.0754	326.83	-0.022	211.1	0.2157
130.77	0.018	189.1	0.0754	326.92	-0.035	206	0.0213
130.80	0.021	189.1	0.1092	327.00	-0.045	202.4	-0.2565
130.83	0.021	189.8	0.1323	327.10	-0.055	199.2	-0.3879
130.87	0.025	190.6	0.1598	327.17	-0.066	196.1	-0.4935
130.90	0.032	191.5	0.1926	327.25	-0.071	192.4	-0.5681
130.93	0.036	192.3	0.2166	327.33	-0.073	190.9	-0.6364
130.97	0.039	193.1	0.2432	327.42	-0.072	190	-0.6515
131.00	0.046	194	0.2432	327.50	-0.071	189.7	-0.6524
131.03	0.048	194.7	0.2716	327.58	-0.065	190	-0.64
131.07	0.048	194.7	0.2903	327.67	-0.056	191.2	-0.6169
131.10	0.05	195.4	0.308	327.75	-0.04	193.7	-0.5743
131.13	0.054	196.2	0.3293	327.83	-0.029	196.2	-0.5131
131.17	0.058	196.8	0.3444	327.92	-0.017	198.7	-0.363
131.20	0.059	197.3	0.3559	328.00	-0.001	201.9	-0.2148
131.23	0.061	197.9	0.3666	328.08	0.012	205.2	-0.0408
131.27	0.063	198.4	0.3666	328.17	0.026	208.2	0.1544
131.30	0.063	198.4	0.3746	328.25	0.043	211.4	0.3684
131.33	0.063	198.8	0.379	328.33	0.061	215.4	0.553
131.38	0.063	199.5	0.3835	328.42	0.07	217.7	0.6932
131.42	0.063	199.5	0.387	328.52	0.077	219.3	0.8557
131.43	0.063	199.8	0.3879	328.58	0.082	220.7	0.9107
131.47	0.063	200	0.3888	328.67	0.087	222.3	0.9551
131.50	0.062	200.1	0.3879	328.75	0.086	222.9	0.9808
131.53	0.06	200.3	0.3852	328.83	0.083	223.2	0.9808
131.57	0.058	200.3	0.3808	328.92	0.076	223.1	0.9693
131.60	0.054	200.2	0.3808	329.00	0.07	222.7	0.948
131.63	0.051	200.1	0.3764	329.08	0.059	222.1	0.9116
131.67	0.051	200.1	0.3719	329.17	0.04	220.7	0.8459
131.70	0.049	200	0.3639	329.25	0.024	218.3	0.7598
131.73	0.044	199.7	0.3533	329.33	0.014	216.2	0.5637
131.77	0.039	199.4	0.3435	329.42	-0.003	213.7	0.3817
131.80	0.037	199.1	0.3302	329.50	-0.018	210.5	0.1731
131.83	0.031	198.5	0.3116	329.58	-0.029	207.2	-0.0204
131.87	0.024	198	0.3116	329.67	-0.043	203.5	-0.2139
131.90	0.022	198	0.2938	329.75	-0.059	199.8	-0.3719
131.93	0.022	197.6	0.2769	329.83	-0.066	195.1	-0.482
131.97	0.018	196.8	0.2521	329.92	-0.07	192.9	-0.5938

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
132.00	0.009	196.1	0.2228	330.02	-0.072	191.3	-0.6302
132.03	0.006	195.5	0.2006	330.08	-0.072	190.2	-0.6506
132.07	0.002	194.5	0.1722	330.17	-0.069	189.8	-0.6542
132.10	-0.007	193.6	0.1722	330.25	-0.064	190.1	-0.6382
132.13	-0.01	193.6	0.1402	330.33	-0.055	191.3	-0.6134
132.17	-0.01	192.9	0.1154	330.42	-0.044	193.3	-0.5619
132.20	-0.013	192	0.087	330.50	-0.034	195.1	-0.4989
132.23	-0.021	191	0.0524	330.58	-0.019	198.1	-0.3941
132.27	-0.024	190.2	0.0293	330.67	0.002	202.7	-0.2574
132.30	-0.027	189.3	0.0027	330.75	0.016	206	-0.0968
132.33	-0.033	188.2	0.0027	330.83	0.029	208.9	0.1971
132.37	-0.037	187.4	-0.0257	330.92	0.045	212.1	0.4119
132.40	-0.037	187.4	-0.0453	331.00	0.057	214.9	0.5894
132.43	-0.039	186.6	-0.0648	331.08	0.066	217	0.7225
132.47	-0.042	185.6	-0.0852	331.17	0.077	219	0.8388
132.50	-0.046	184.9	-0.1012	331.25	0.084	221.2	0.9098
132.53	-0.047	184.3	-0.1118	331.33	0.086	222.2	0.9702
132.57	-0.048	183.7	-0.1216	331.43	0.086	222.8	0.9835
132.60	-0.051	183.1	-0.1216	331.50	0.083	223.2	0.9853
132.63	-0.051	183.1	-0.1314	331.58	0.074	223.2	0.9764
132.67	-0.051	182.6	-0.1367	331.67	0.068	222.6	0.9453
132.70	-0.051	182.3	-0.1411	331.75	0.056	221.9	0.9045
132.73	-0.051	181.9	-0.1438	331.83	0.042	220.5	0.8344
132.77	-0.051	181.7	-0.1447	331.92	0.032	218.9	0.7438
132.80	-0.05	181.5	-0.1447	332.00	0.016	217	0.6089
132.85	-0.049	181.4	-0.1447	332.08	-0.006	214.4	0.4341
132.88	-0.048	181.3	-0.1429	332.17	-0.021	209.8	0.2397
132.90	-0.046	181.3	-0.1385	332.25	-0.032	206.4	-0.0648
132.93	-0.042	181.5	-0.1385	332.33	-0.046	202.7	-0.2512
132.97	-0.039	181.7	-0.1331	332.42	-0.057	198.9	-0.4048
133.00	-0.039	181.7	-0.1287	332.50	-0.062	196	-0.5033
133.03	-0.037	181.8	-0.1198	332.58	-0.069	193.3	-0.5832
133.07	-0.033	182.4	-0.1083	332.67	-0.073	191.4	-0.6302
133.10	-0.027	182.8	-0.0959	332.75	-0.072	190	-0.6506
133.13	-0.025	183.1	-0.0861	332.85	-0.07	189.8	-0.6533
133.17	-0.021	183.8	-0.0683	332.92	-0.066	190	-0.6444
133.20	-0.013	184.5	-0.0683	333.00	-0.053	191.2	-0.6205
133.23	-0.011	184.5	-0.047	333.08	-0.04	193.7	-0.5823
133.27	-0.011	184.9	-0.0293	333.17	-0.031	195.9	-0.4793
133.30	-0.006	185.8	-0.0036	333.25	-0.016	198.7	-0.3728
133.33	0.002	186.6	0.0257	333.33	-0.002	201.7	-0.2263
133.37	0.006	187.4	0.0488	333.42	0.011	204.9	-0.0577
133.40	0.009	188.2	0.0763	333.50	0.027	208.2	0.1429
133.43	0.018	189.1	0.0763	333.58	0.048	212.8	0.3533
133.47	0.021	189.1	0.111	333.67	0.06	215.4	0.5308
133.50	0.021	189.8	0.1331	333.75	0.068	217.5	0.7483
133.53	0.025	190.6	0.1616	333.83	0.078	219.3	0.8548
133.57	0.032	191.7	0.1944	333.92	0.083	220.9	0.9223
133.60	0.037	192.4	0.2201	334.00	0.086	222	0.964
133.63	0.039	193.2	0.2441	334.08	0.086	222.7	0.9808
133.67	0.044	194.1	0.2707	334.17	0.082	223.2	0.9835
133.70	0.049	194.8	0.2707	334.25	0.076	223.1	0.9755
133.73	0.051	194.8	0.2929	334.35	0.07	222.9	0.9507
133.77	0.051	195.5	0.3098	334.42	0.057	222.1	0.9143
133.80	0.053	196.3	0.3258	334.50	0.039	220.1	0.853
133.83	0.058	196.9	0.3444	334.58	0.027	218.2	0.6986
133.87	0.059	197.4	0.3551	334.67	0.013	216.5	0.5645
133.90	0.06	198	0.3666	334.75	-0.004	213.6	0.3728
133.93	0.063	198.5	0.3666	334.83	-0.016	210.4	0.1687
133.97	0.063	198.5	0.3755	334.92	-0.03	207.4	-0.0195
134.00	0.063	198.9	0.3817	335.00	-0.048	203.6	-0.205
134.03	0.063	199.3	0.3852	335.08	-0.059	198.3	-0.3542
134.07	0.063	199.6	0.3888	335.17	-0.064	195.3	-0.5255

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
134.10	0.063	199.8	0.3897	335.25	-0.07	192.8	-0.5965
134.13	0.062	200	0.3897	335.33	-0.073	191.1	-0.6391
134.17	0.061	200.2	0.3897	335.42	-0.073	190.2	-0.656
134.20	0.059	200.3	0.3888	335.50	-0.071	189.8	-0.6577
134.23	0.059	200.3	0.3861	335.58	-0.062	190.2	-0.6462
134.28	0.055	200.3	0.3781	335.67	-0.052	191.8	-0.6258
134.32	0.051	200.2	0.3781	335.75	-0.044	193.5	-0.5601
134.33	0.049	200.2	0.3728	335.83	-0.034	195.1	-0.5113
134.37	0.049	200.1	0.3666	335.92	-0.013	198	-0.4048
134.40	0.046	199.8	0.3568	336.00	0.001	202.5	-0.2761
134.43	0.039	199.4	0.3444	336.08	0.014	205.7	-0.0178
134.47	0.037	199.2	0.3338	336.17	0.03	208.9	0.1855
134.50	0.033	198.6	0.3169	336.25	0.044	212	0.3977
134.53	0.024	198.1	0.3169	336.33	0.054	214.7	0.5672
134.57	0.022	198.1	0.2956	336.42	0.067	217	0.7199
134.60	0.022	197.7	0.2787	336.50	0.079	219	0.8282
134.63	0.018	197	0.253	336.58	0.084	221.1	0.901
134.67	0.009	196.2	0.2228	336.67	0.086	222.1	0.9658
134.70	0.005	195.6	0.2015	336.75	0.086	222.8	0.9817
134.73	0.002	194.8	0.1749	336.83	0.083	223.2	0.9817
134.77	-0.006	193.8	0.1749	336.92	0.079	223.3	0.972
134.80	-0.01	193	0.1411	337.00	0.069	222.9	0.9524
134.83	-0.01	193	0.1163	337.08	0.052	221.6	0.9143
134.87	-0.013	192.2	0.087	337.17	0.041	220.2	0.8601
134.90	-0.02	191.1	0.0533	337.27	0.031	219.1	0.7403
134.93	-0.026	190.2	0.0257	337.33	0.016	217	0.6089
134.97	-0.027	189.4	0.0036	337.42	-0.007	213	0.4341
135.00	-0.032	188.3	-0.0231	337.50	-0.02	209.8	0.1287
135.03	-0.037	187.4	-0.0231	337.58	-0.033	206.6	-0.0692
135.07	-0.039	187.4	-0.0479	337.67	-0.046	202.7	-0.2556
135.10	-0.039	186.7	-0.0639	337.75	-0.055	199.1	-0.403
135.13	-0.041	185.8	-0.0834	337.83	-0.063	196.2	-0.506
135.17	-0.047	185	-0.1012	337.92	-0.071	193.3	-0.5876
135.20	-0.047	184.4	-0.1118	338.00	-0.074	190.8	-0.6293
135.23	-0.048	183.8	-0.1216	338.08	-0.073	190	-0.6586
135.27	-0.051	183.2	-0.1216	338.17	-0.07	189.8	-0.6569
135.30	-0.051	183.2	-0.1323	338.25	-0.063	190.3	-0.6444
135.33	-0.051	182.7	-0.1376	338.33	-0.058	191.4	-0.6187
135.37	-0.052	182.4	-0.142	338.42	-0.046	192.9	-0.5779
135.40	-0.051	182.1	-0.1438	338.50	-0.028	195.4	-0.5042
135.43	-0.051	181.8	-0.1456	338.58	-0.013	199.3	-0.4172
135.47	-0.05	181.6	-0.1456	338.68	-0.003	202.3	-0.2121
135.50	-0.049	181.5	-0.1456	338.75	0.01	204.9	-0.0781
135.53	-0.047	181.5	-0.1438	338.83	0.033	208.3	0.134
135.57	-0.047	181.5	-0.142	338.92	0.047	212.8	0.3302
135.60	-0.045	181.5	-0.1367	339.00	0.057	215.4	0.6
135.63	-0.042	181.8	-0.1305	339.08	0.069	217.6	0.7483
135.67	-0.037	182	-0.1243	339.17	0.078	219.4	0.8486
135.70	-0.035	182.2	-0.1172	339.25	0.082	220.9	0.9152
135.75	-0.032	182.4	-0.111	339.33	0.085	222.1	0.9613
135.78	-0.029	182.7	-0.1021	339.42	0.086	222.8	0.9808
135.80	-0.026	183.1	-0.0879	339.50	0.082	223.4	0.9853
135.83	-0.021	183.9	-0.0683	339.58	0.077	223.3	0.9702
135.87	-0.013	184.6	-0.0683	339.67	0.067	222.8	0.9489
135.90	-0.01	184.6	-0.0462	339.75	0.055	221.9	0.9036
135.93	-0.01	185.1	-0.0293	339.83	0.046	221	0.8441
135.97	-0.006	185.8	-0.0044	339.92	0.03	219.2	0.7483
136.00	0.002	186.7	0.0257	340.00	0.01	216.1	0.616
136.03	0.006	187.5	0.0479	340.08	-0.005	213.3	0.4545
136.07	0.009	188.2	0.0754	340.18	-0.015	211	0.1953
136.10	0.017	189.2	0.0754	340.25	-0.03	207.5	-0.0089
136.13	0.022	190	0.1083	340.33	-0.049	201.8	-0.2059
136.17	0.022	190	0.134	340.42	-0.058	198.3	-0.3622

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
136.20	0.025	190.7	0.1598	340.50	-0.064	195.6	-0.529
136.23	0.031	191.7	0.1926	340.58	-0.071	192.8	-0.6018
136.27	0.037	192.6	0.2201	340.67	-0.074	191	-0.6427
136.30	0.039	193.3	0.2441	340.75	-0.073	190.3	-0.656
136.33	0.044	194.2	0.2716	340.83	-0.069	189.8	-0.6604
136.37	0.049	195	0.2716	340.92	-0.061	190.6	-0.6498
136.40	0.051	195	0.2956	341.00	-0.055	191.7	-0.6125
136.43	0.051	195.7	0.3107	341.08	-0.043	193.4	-0.5645
136.47	0.053	196.4	0.3284	341.17	-0.03	196	-0.4873
136.50	0.058	197	0.3453	341.25	-0.02	198.6	-0.3852
136.53	0.059	197.6	0.3577	341.33	-0.005	201.5	-0.2494
136.57	0.06	198.1	0.3684	341.42	0.016	204.7	-0.0808
136.60	0.063	198.6	0.3684	341.50	0.032	209.6	0.1216
136.63	0.063	198.6	0.3781	341.60	0.043	212.3	0.3906
136.67	0.063	199	0.3835	341.67	0.053	214.6	0.5352
136.70	0.063	199.4	0.387	341.75	0.072	217.3	0.7261
136.73	0.063	199.7	0.3897	341.83	0.079	219.9	0.822
136.77	0.063	199.9	0.3906	341.92	0.083	221.3	0.9276
136.80	0.062	200.2	0.3914	342.00	0.086	222.3	0.9675
136.83	0.061	200.3	0.3914	342.08	0.086	223	0.9826
136.87	0.059	200.4	0.3906	342.17	0.084	223.4	0.9844
136.90	0.059	200.4	0.3879	342.25	0.078	223.4	0.9764
136.93	0.057	200.4	0.3826	342.33	0.065	222.8	0.9542
136.97	0.053	200.3	0.3772	342.42	0.053	221.8	0.9214
137.00	0.05	200.2	0.371	342.50	0.044	220.7	0.8264
137.03	0.047	200.1	0.363	342.58	0.027	218.8	0.7225
137.07	0.043	199.6	0.3515	342.67	0.014	216.8	0.5832
137.10	0.036	199.3	0.3515	342.75	0	214.4	0.4083
137.13	0.035	199.3	0.3391	342.83	-0.017	211	0.1873
137.18	0.033	198.7	0.3187	342.92	-0.036	205.9	-0.0107
137.22	0.025	198.2	0.3187	343.02	-0.047	202.2	-0.2778
137.23	0.022	198.2	0.2991	343.08	-0.054	199.7	-0.3861
137.27	0.022	197.8	0.2814	343.17	-0.064	196.1	-0.5051
137.30	0.018	197.1	0.2565	343.25	-0.072	192.4	-0.5823
137.33	0.009	196.3	0.2246	343.33	-0.073	190.9	-0.6293
137.37	0.006	195.7	0.2024	343.42	-0.073	190.1	-0.6595
137.40	0.002	194.8	0.1758	343.50	-0.07	189.9	-0.6595
137.43	-0.006	193.9	0.1758	343.58	-0.064	190.4	-0.6453
137.47	-0.01	193.1	0.142	343.67	-0.057	191.2	-0.6231
137.50	-0.01	193.1	0.1189	343.75	-0.042	193.1	-0.5796
137.53	-0.013	192.3	0.0897	343.83	-0.027	196.5	-0.5157
137.57	-0.02	191.2	0.0541	343.92	-0.017	199.2	-0.363
137.60	-0.026	190.2	0.0249	344.00	-0.002	202.1	-0.2201
137.63	-0.028	189.5	0.0036	344.08	0.014	205.5	-0.0391
137.67	-0.032	188.4	-0.0222	344.17	0.026	208.7	0.1562
137.70	-0.037	187.5	-0.0222	344.25	0.042	211.6	0.3622
137.73	-0.039	187.5	-0.047	344.33	0.06	214.6	0.5592
137.77	-0.039	186.8	-0.063	344.42	0.071	218	0.6959
137.80	-0.041	185.9	-0.0826	344.52	0.076	219.6	0.8477
137.83	-0.046	185	-0.1012	344.58	0.082	221	0.9116
137.87	-0.047	184.5	-0.1118	344.67	0.086	222.2	0.9578
137.90	-0.048	183.9	-0.1225	344.75	0.086	223.2	0.98
137.93	-0.051	183.3	-0.1225	344.83	0.083	223.5	0.9826
137.97	-0.051	183.3	-0.1314	344.92	0.077	223.5	0.972
138.00	-0.051	182.8	-0.1385	345.00	0.066	223	0.9471
138.03	-0.052	182.4	-0.1429	345.08	0.059	222.2	0.9089
138.07	-0.052	182.1	-0.1447	345.17	0.046	221.1	0.8486
138.10	-0.051	181.9	-0.1456	345.25	0.025	219.3	0.7501
138.13	-0.05	181.7	-0.1456	345.33	0.01	216.4	0.6293
138.17	-0.049	181.6	-0.1456	345.42	-0.002	213.8	0.3701
138.20	-0.047	181.6	-0.1447	345.50	-0.019	210.6	0.158
138.23	-0.047	181.6	-0.142	345.58	-0.033	207	-0.0533
138.27	-0.045	181.6	-0.1367	345.67	-0.042	203.6	-0.2246

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
138.30	-0.042	181.9	-0.1305	345.75	-0.055	199.8	-0.3835
138.33	-0.037	182.1	-0.1243	345.83	-0.066	196.5	-0.498
138.37	-0.035	182.3	-0.1172	345.92	-0.071	192.6	-0.577
138.40	-0.032	182.7	-0.1065	346.00	-0.073	191.2	-0.6435
138.43	-0.025	183.2	-0.1065	346.08	-0.073	190.2	-0.6622
138.47	-0.023	183.2	-0.0923	346.17	-0.069	189.9	-0.6631
138.50	-0.023	183.6	-0.0799	346.25	-0.063	190.6	-0.6533
138.53	-0.019	184.2	-0.0612	346.33	-0.055	191.5	-0.616
138.57	-0.011	185	-0.0373	346.42	-0.042	193.6	-0.5672
138.60	-0.008	185.5	-0.0204	346.50	-0.032	196	-0.4918
138.65	-0.005	186.1	-0.0044	346.58	-0.02	198.3	-0.3941
138.68	0	186.7	0.0151	346.67	-0.003	201.6	-0.2477
138.70	0.005	187.5	0.0435	346.75	0.018	206.5	-0.0817
138.73	0.009	188.2	0.0746	346.83	0.031	209.7	0.2228
138.77	0.016	189.3	0.1083	346.92	0.045	212.5	0.4172
138.80	0.022	190.1	0.1083	347.00	0.058	215.3	0.6009
138.83	0.025	190.1	0.1367	347.08	0.068	217.7	0.7438
138.87	0.025	190.8	0.1589	347.17	0.076	219.3	0.8433
138.90	0.029	191.8	0.1891	347.25	0.082	220.9	0.9134
138.93	0.037	192.7	0.2201	347.33	0.087	222.6	0.9613
138.97	0.04	193.4	0.2432	347.43	0.086	223.2	0.9862
139.00	0.043	194.3	0.2681	347.50	0.084	223.6	0.9879
139.03	0.049	195.1	0.2681	347.58	0.075	223.5	0.9791
139.07	0.051	195.1	0.2938	347.67	0.064	222.9	0.9587
139.10	0.051	195.7	0.3107	347.75	0.057	221.9	0.8992
139.13	0.053	196.4	0.3284	347.83	0.043	220.8	0.8344
139.17	0.058	197.1	0.3453	347.92	0.027	219	0.7261
139.20	0.059	197.6	0.3577	348.00	0.017	217	0.5965
139.23	0.06	198.2	0.3684	348.08	0	214.6	0.4216
139.27	0.062	198.7	0.3684	348.17	-0.021	211.5	0.2157
139.30	0.063	199.1	0.3781	348.25	-0.035	206.3	0.0151
139.33	0.063	199.1	0.3843	348.33	-0.045	202.7	-0.261
139.37	0.063	199.5	0.3879	348.42	-0.057	199.1	-0.4119
139.40	0.063	199.8	0.3906	348.50	-0.065	196	-0.5202
139.43	0.063	200.1	0.3923	348.58	-0.069	193.5	-0.5903
139.47	0.062	200.3	0.3923	348.67	-0.073	191.6	-0.6364
139.50	0.062	200.4	0.3914	348.75	-0.072	190.6	-0.6577
139.53	0.059	200.5	0.3914	348.85	-0.069	190.1	-0.6595
139.57	0.057	200.5	0.3888	348.92	-0.066	190.2	-0.6489
139.60	0.057	200.5	0.3843	349.00	-0.057	191.3	-0.6258
139.63	0.055	200.4	0.379	349.08	-0.04	194	-0.5814
139.67	0.049	200.3	0.3719	349.17	-0.029	196.5	-0.521
139.70	0.047	200.2	0.3657	349.25	-0.017	199	-0.3684
139.73	0.045	199.9	0.3551	349.33	-0.001	202.3	-0.2192
139.77	0.037	199.5	0.3551	349.42	0.013	205.6	-0.0426
139.80	0.034	199.2	0.3426	349.50	0.026	208.6	0.1544
139.83	0.034	199.2	0.3302	349.58	0.042	211.8	0.3684
139.87	0.031	198.8	0.3124	349.67	0.061	215.8	0.5548
139.90	0.024	198.1	0.2903	349.75	0.07	218.1	0.6977
139.93	0.019	197.6	0.2707	349.83	0.077	219.7	0.8601
139.97	0.016	197	0.2477	349.92	0.084	221.2	0.9302
140.00	0.009	196.1	0.2157	350.00	0.086	222.3	0.9666
140.03	0.002	195.3	0.2157	350.08	0.086	223.1	0.9835
140.07	-0.001	195.3	0.1882	350.17	0.082	223.5	0.9862
140.12	-0.002	194	0.1509	350.25	0.074	223.4	0.9782
140.13	-0.01	193.1	0.1509	350.35	0.07	223	0.9516
140.17	-0.014	193.1	0.1207	350.42	0.059	222.5	0.916
140.20	-0.014	192.4	0.0932	350.50	0.04	221.1	0.8512
140.23	-0.017	191.4	0.0621	350.58	0.025	218.6	0.7669
140.27	-0.026	190.3	0.0275	350.67	0.014	216.6	0.5663
140.30	-0.028	189.5	0.0044	350.75	-0.003	214	0.379
140.33	-0.031	188.7	-0.0186	350.83	-0.018	210.9	0.1722
140.37	-0.037	187.7	-0.0186	350.92	-0.029	207.5	-0.024

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
140.40	-0.039	187.7	-0.0453	351.00	-0.043	203.8	-0.2157
140.43	-0.039	186.8	-0.063	351.08	-0.059	200.1	-0.3772
140.47	-0.042	186.1	-0.0826	351.17	-0.066	195.4	-0.49
140.50	-0.045	185.2	-0.0994	351.25	-0.07	193.1	-0.6018
140.53	-0.048	184.5	-0.1136	351.33	-0.073	191.4	-0.6435
140.57	-0.048	184	-0.1234	351.42	-0.073	190.4	-0.6604
140.60	-0.05	183.3	-0.1234	351.50	-0.071	190.1	-0.6613
140.63	-0.051	182.9	-0.1323	351.58	-0.065	190.4	-0.6506
140.67	-0.051	182.9	-0.1385	351.67	-0.053	192.1	-0.6258
140.70	-0.051	182.5	-0.1429	351.77	-0.043	193.7	-0.569
140.73	-0.052	182.2	-0.1456	351.83	-0.034	195.5	-0.5051
140.77	-0.051	181.9	-0.1465	351.92	-0.019	198.5	-0.4012
140.80	-0.05	181.7	-0.1465	352.00	0.002	202.9	-0.2716
140.83	-0.049	181.6	-0.1447	352.08	0.016	206.4	-0.1021
140.87	-0.046	181.6	-0.1447	352.17	0.029	209.4	0.2006
140.90	-0.045	181.6	-0.1429	352.25	0.045	212.6	0.4101
140.93	-0.045	181.6	-0.1385	352.33	0.057	215.4	0.5903
140.97	-0.043	181.8	-0.1331	352.42	0.066	217.4	0.7243
141.00	-0.037	182.1	-0.126	352.50	0.077	219.4	0.8415
141.03	-0.035	182.3	-0.1198	352.58	0.084	221.6	0.9089
141.07	-0.033	182.6	-0.1074	352.67	0.086	222.5	0.9693
141.10	-0.026	183.2	-0.1074	352.75	0.086	223.2	0.9835
141.13	-0.022	183.7	-0.0932	352.83	0.083	223.6	0.9844
141.17	-0.022	183.7	-0.0799	352.92	0.078	223.5	0.9746
141.20	-0.019	184.1	-0.063	353.00	0.07	223.3	0.9542
141.23	-0.013	185	-0.0417	353.08	0.054	222.4	0.9143
141.27	-0.007	185.6	-0.0195	353.17	0.039	220.5	0.8592
141.30	-0.004	186.2	0.0018	353.25	0.032	219.1	0.7403
141.33	0.001	187.2	0.0302	353.33	0.016	217.3	0.608
141.37	0.009	188	0.0302	353.42	-0.006	214.7	0.4287
141.40	0.012	188	0.0604	353.50	-0.021	210.1	0.2388
141.43	0.012	188.7	0.0843	353.58	-0.032	206.7	-0.071
141.47	0.016	189.6	0.1145	353.67	-0.046	203	-0.2556
141.50	0.025	190.5	0.1482	353.75	-0.057	199.3	-0.4074
141.55	0.028	191.3	0.1704	353.83	-0.063	196.4	-0.5095
141.58	0.029	191.9	0.1873	353.92	-0.069	193.7	-0.5885
141.60	0.036	192.8	0.2148	354.00	-0.073	191.7	-0.6373
141.63	0.039	193.5	0.2397	354.08	-0.073	190.3	-0.6586
141.67	0.042	194.3	0.2663	354.17	-0.07	190.1	-0.6622
141.70	0.049	195.2	0.2663	354.25	-0.064	190.5	-0.6489
141.73	0.051	195.9	0.2938	354.33	-0.054	191.8	-0.6196
141.77	0.051	195.9	0.3116	354.42	-0.047	193.3	-0.5761
141.80	0.053	196.5	0.3275	354.50	-0.033	195.7	-0.5095
141.83	0.056	197.2	0.3453	354.58	-0.013	199.8	-0.4074
141.87	0.06	197.8	0.3595	354.68	-0.003	202.4	-0.2343
141.90	0.06	198.3	0.3684	354.75	0.01	205.4	-0.0683
141.93	0.062	198.8	0.3772	354.83	0.027	208.8	0.1465
141.97	0.063	199.2	0.3772	354.92	0.048	213.3	0.3568
142.00	0.063	199.2	0.3843	355.00	0.059	215.9	0.5326
142.03	0.063	199.6	0.3888	355.08	0.068	217.9	0.7545
142.07	0.063	199.9	0.3914	355.17	0.078	219.9	0.8592
142.10	0.063	200.1	0.3923	355.25	0.082	221.4	0.9223
142.13	0.062	200.4	0.3923	355.33	0.086	222.4	0.9649
142.17	0.062	200.5	0.3914	355.42	0.086	223.2	0.9844
142.20	0.059	200.6	0.3914	355.50	0.082	223.7	0.9871
142.23	0.057	200.6	0.3888	355.58	0.077	223.5	0.9729
142.27	0.057	200.6	0.3852	355.67	0.068	223.2	0.9498
142.30	0.055	200.6	0.3799	355.75	0.055	222.2	0.9054
142.33	0.05	200.4	0.3719	355.83	0.046	221	0.8433
142.37	0.046	200.2	0.3666	355.92	0.031	219.5	0.7518
142.40	0.044	200.1	0.3559	356.00	0.01	217.4	0.6142
142.43	0.039	199.6	0.3426	356.08	-0.006	213.6	0.4491
142.47	0.033	199.2	0.3426	356.17	-0.015	211	0.1908

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
142.50	0.031	199.2	0.3302	356.25	-0.03	207.8	-0.0124
142.53	0.031	198.9	0.3151	356.33	-0.048	203.9	-0.2184
142.57	0.026	198.2	0.2956	356.42	-0.058	198.6	-0.3595
142.60	0.018	197.6	0.2707	356.50	-0.064	195.8	-0.5317
142.63	0.015	197.1	0.2494	356.58	-0.07	193.2	-0.6045
142.67	0.011	196.3	0.221	356.67	-0.073	191.4	-0.6453
142.70	0.002	195.4	0.221	356.75	-0.073	190.5	-0.6622
142.73	-0.001	195.4	0.1882	356.83	-0.071	190.1	-0.664
142.77	-0.001	194.8	0.1669	356.92	-0.062	190.5	-0.6533
142.80	-0.004	193.9	0.1376	357.00	-0.052	192.2	-0.6311
142.83	-0.013	192.9	0.103	357.08	-0.044	193.7	-0.5672
142.87	-0.016	192.1	0.0781	357.17	-0.03	196.3	-0.4909
142.90	-0.019	191.3	0.0506	357.25	-0.017	199	-0.3808
142.93	-0.026	190.1	0.0506	357.33	-0.005	201.8	-0.2494
142.97	-0.03	189.3	0.0169	357.42	0.011	205.2	-0.0737
143.02	-0.031	188.6	-0.0222	357.50	0.033	210.1	0.134
143.05	-0.035	187.7	-0.0222	357.60	0.042	212.6	0.3746
143.07	-0.039	186.8	-0.0417	357.67	0.054	215.2	0.5592
143.10	-0.039	186.8	-0.063	357.75	0.068	217.6	0.7296
143.13	-0.042	186.1	-0.0826	357.83	0.079	220.3	0.8317
143.17	-0.045	185.2	-0.1003	357.92	0.083	221.7	0.9036
143.20	-0.048	184.5	-0.1145	358.00	0.086	222.7	0.9693
143.23	-0.049	184	-0.1234	358.08	0.086	223.4	0.9844
143.27	-0.05	183.4	-0.1323	358.17	0.083	223.7	0.9844
143.30	-0.052	182.9	-0.1323	358.25	0.079	223.8	0.9746
143.33	-0.051	182.9	-0.1394	358.33	0.068	223.3	0.9551
143.37	-0.051	182.5	-0.1429	358.42	0.052	222	0.9169
143.40	-0.051	182.2	-0.1456	358.50	0.043	220.8	0.8255
143.43	-0.051	182	-0.1473	358.58	0.029	219.2	0.7261
143.47	-0.05	181.8	-0.1473	358.67	0.013	217	0.5787
143.50	-0.05	181.6	-0.1465	358.75	0.001	214.4	0.4065
143.53	-0.047	181.7	-0.1465	358.83	-0.015	211.6	0.2059
143.57	-0.044	181.7	-0.1438	358.92	-0.036	208	-0.0124
143.60	-0.044	181.7	-0.1402	359.02	-0.048	202.4	-0.2885
143.63	-0.042	181.8	-0.1331	359.08	-0.054	199.6	-0.3977
143.67	-0.039	182.2	-0.126	359.17	-0.063	196.5	-0.5086
143.70	-0.034	182.4	-0.1181	359.25	-0.071	193.7	-0.5885
143.73	-0.032	182.6	-0.1101	359.33	-0.073	191.2	-0.6347
143.77	-0.029	183.2	-0.0968	359.42	-0.073	190.4	-0.6648
143.80	-0.021	183.8	-0.0968	359.50	-0.07	190.2	-0.664
143.83	-0.019	183.8	-0.0799	359.58	-0.063	190.6	-0.6515
143.87	-0.019	184.2	-0.0666	359.67	-0.057	191.8	-0.6258
143.90	-0.015	184.9	-0.0462	359.75	-0.046	193.3	-0.5841
143.93	-0.006	185.6	-0.0195	359.83	-0.028	195.8	-0.5104
143.97	-0.004	186.2	0	359.92	-0.013	199.7	-0.4199
144.00	0	187.1	0.0284	360.00	-0.002	202.6	-0.2157
144.03	0.009	188	0.0284	360.08	0.015	206	-0.0311
144.07	0.012	188.7	0.0595	360.17	0.029	209.2	0.1731
144.10	0.012	188.7	0.0834	360.25	0.041	212.2	0.371
144.13	0.016	189.5	0.1136	360.33	0.056	215.1	0.5672
144.17	0.023	190.6	0.1465	360.42	0.071	217.4	0.7146
144.20	0.029	191.4	0.1731	360.52	0.077	220	0.8504
144.23	0.031	192.1	0.1997	360.58	0.081	221.4	0.9125
144.27	0.037	193.1	0.1997	360.67	0.086	222.5	0.9613
144.30	0.042	193.9	0.2299	360.75	0.086	223.5	0.9826
144.33	0.042	193.9	0.2565	360.83	0.082	223.8	0.9862
144.37	0.045	194.5	0.2778	360.92	0.077	223.8	0.972
144.40	0.048	195.4	0.3009	361.00	0.067	223.3	0.9489
144.45	0.054	196.2	0.3222	361.08	0.056	222.4	0.9054
144.48	0.054	196.7	0.332	361.17	0.046	221.4	0.845
144.50	0.055	197.3	0.3444	361.25	0.03	219.6	0.7465
144.53	0.06	197.9	0.3604	361.33	0.009	216.5	0.6142
144.57	0.061	198.4	0.3693	361.42	-0.004	213.7	0.3453

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
144.60	0.062	198.9	0.3781	361.50	-0.019	210.7	0.1402
144.63	0.063	199.3	0.3781	361.58	-0.034	207	-0.0728
144.67	0.063	199.7	0.3852	361.67	-0.044	203.3	-0.2477
144.70	0.063	199.7	0.3897	361.75	-0.055	200	-0.3977
144.73	0.063	200	0.3923	361.83	-0.065	196.5	-0.5184
144.77	0.063	200.2	0.3932	361.93	-0.071	193	-0.6116
144.80	0.062	200.5	0.3932	362.00	-0.072	191.5	-0.6462
144.83	0.062	200.6	0.3932	362.08	-0.074	190.4	-0.6666
144.87	0.06	200.7	0.3897	362.17	-0.069	190.2	-0.6666
144.90	0.056	200.7	0.3897	362.25	-0.062	190.8	-0.6586
144.93	0.055	200.7	0.3861	362.33	-0.055	191.9	-0.6205
144.97	0.055	200.7	0.3808	362.42	-0.043	193.7	-0.5725
145.00	0.052	200.5	0.3746	362.50	-0.03	196.2	-0.4989
145.03	0.046	200.3	0.3666	362.58	-0.021	198.6	-0.4074
145.07	0.044	200.1	0.3586	362.67	-0.004	201.8	-0.2601
145.10	0.041	199.7	0.3462	362.75	0.017	205.1	-0.0852
145.13	0.033	199.3	0.3462	362.83	0.032	210	0.1154
145.17	0.031	199.3	0.3293	362.92	0.043	212.9	0.4163
145.20	0.031	199	0.316	363.00	0.058	215.6	0.6018
145.23	0.027	198.4	0.2956	363.08	0.069	217.9	0.7492
145.27	0.018	197.7	0.2698	363.17	0.075	219.6	0.8424
145.30	0.015	197.2	0.2503	363.25	0.082	221.2	0.916
145.33	0.011	196.5	0.2246	363.33	0.086	222.4	0.9622
145.37	0.003	195.6	0.2246	363.42	0.086	223.5	0.9879
145.40	-0.001	194.8	0.1917	363.50	0.084	223.9	0.9897
145.43	-0.001	194.8	0.1669	363.58	0.078	223.8	0.9808
145.47	-0.005	194.1	0.1402	363.67	0.065	223.2	0.9595
145.50	-0.011	193	0.1056	363.75	0.054	222.2	0.9267
145.53	-0.017	192.1	0.0763	363.83	0.043	221.1	0.8317
145.57	-0.02	191.3	0.0515	363.92	0.027	219.2	0.7243
145.60	-0.025	190.2	0.0195	364.00	0.015	217.1	0.585
145.63	-0.031	189.2	0.0195	364.08	0	214.8	0.4101
145.67	-0.033	189.2	-0.0089	364.17	-0.016	211.5	0.1962
145.70	-0.033	188.5	-0.0284	364.25	-0.037	206.2	-0.0151
145.73	-0.036	187.6	-0.0506	364.33	-0.046	202.6	-0.2858
145.77	-0.042	186.6	-0.0737	364.42	-0.056	199.3	-0.4225
145.80	-0.043	186	-0.087	364.50	-0.066	195.9	-0.5344
145.83	-0.045	185.2	-0.103	364.58	-0.069	193.4	-0.6018
145.87	-0.049	184.4	-0.103	364.67	-0.072	191.8	-0.6435
145.92	-0.049	183.9	-0.1269	364.75	-0.073	190.7	-0.664
145.95	-0.05	183.4	-0.134	364.85	-0.07	190.2	-0.6675
145.97	-0.051	182.9	-0.134	364.92	-0.066	190.6	-0.6542
146.00	-0.051	182.5	-0.1402	365.00	-0.057	191.5	-0.6311
146.03	-0.051	182.5	-0.1447	365.08	-0.041	193.5	-0.5841
146.07	-0.051	182.2	-0.1465	365.17	-0.027	196.9	-0.5237
146.10	-0.051	182	-0.1482	365.25	-0.018	199.5	-0.3719
146.13	-0.05	181.8	-0.1482	365.33	-0.001	202.5	-0.2255
146.17	-0.05	181.6	-0.1465	365.42	0.014	205.9	-0.0435
146.20	-0.047	181.7	-0.1438	365.50	0.026	209.1	0.1509
146.23	-0.044	181.8	-0.1438	365.58	0.042	212.1	0.3639
146.27	-0.043	181.8	-0.1402	365.67	0.06	215	0.5619
146.30	-0.043	181.8	-0.1349	365.75	0.071	218.4	0.6986
146.33	-0.04	182.2	-0.1287	365.83	0.077	220.1	0.8646
146.37	-0.034	182.4	-0.1189	365.92	0.083	221.5	0.9285
146.40	-0.032	182.7	-0.1101	366.00	0.086	222.6	0.9684
146.43	-0.029	183.3	-0.0959	366.08	0.085	223.3	0.9826
146.47	-0.021	183.8	-0.0959	366.17	0.084	223.7	0.9862
146.50	-0.019	183.8	-0.0808	366.25	0.075	223.8	0.9782
146.53	-0.019	184.3	-0.0657	366.33	0.066	223.4	0.9507
146.57	-0.015	185	-0.0453	366.42	0.059	222.7	0.9125
146.60	-0.007	185.7	-0.0204	366.50	0.045	221.5	0.8512
146.63	-0.003	186.3	0.0009	366.58	0.024	219.7	0.7518
146.67	0	187.1	0.0275	366.67	0.011	216.7	0.632

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
146.70	0.009	188.1	0.0275	366.75	-0.003	214.2	0.3675
146.73	0.012	188.1	0.0604	366.83	-0.019	210.9	0.1544
146.77	0.012	188.8	0.0843	366.92	-0.032	207.3	-0.055
146.80	0.016	189.6	0.1145	367.00	-0.042	204	-0.2281
146.83	0.023	190.6	0.1473	367.08	-0.055	200.1	-0.3932
146.87	0.028	191.4	0.174	367.17	-0.066	195.4	-0.5042
146.90	0.031	192.2	0.2006	367.25	-0.071	192.9	-0.5841
146.93	0.037	193.2	0.2326	367.33	-0.073	191.4	-0.6533
146.97	0.043	194	0.2326	367.42	-0.073	190.6	-0.6684
147.00	0.045	194	0.2601	367.50	-0.071	190.3	-0.6684
147.03	0.045	194.6	0.2778	367.58	-0.066	190.6	-0.6569
147.07	0.047	195.5	0.2982	367.67	-0.056	191.7	-0.632
147.10	0.053	196.2	0.3213	367.77	-0.044	193.7	-0.5814
147.13	0.055	196.8	0.3364	367.83	-0.034	196	-0.5095
147.17	0.056	197.5	0.3515	367.92	-0.02	198.6	-0.4092
147.20	0.061	198.1	0.3515	368.00	0.001	201.8	-0.2672
147.23	0.061	198.1	0.3657	368.08	0.017	206.7	-0.103
147.27	0.061	198.5	0.3737	368.17	0.029	209.9	0.1988
147.30	0.062	199	0.3817	368.25	0.045	212.8	0.4048
147.35	0.064	199.8	0.3888	368.33	0.058	215.6	0.5947
147.38	0.064	199.8	0.3923	368.42	0.066	217.9	0.7288
147.40	0.063	200.1	0.395	368.50	0.076	219.7	0.8415
147.43	0.063	200.3	0.395	368.58	0.084	221.2	0.9116
147.47	0.062	200.5	0.3959	368.67	0.087	222.9	0.9578
147.50	0.062	200.7	0.395	368.75	0.086	223.5	0.9862
147.53	0.06	200.8	0.3923	368.83	0.083	223.9	0.9862
147.57	0.056	200.8	0.3923	368.92	0.076	223.8	0.9755
147.60	0.054	200.8	0.3879	369.00	0.07	223.4	0.9551
147.63	0.054	200.8	0.3835	369.08	0.059	222.7	0.9187
147.67	0.052	200.6	0.3772	369.18	0.039	220.8	0.8193
147.70	0.046	200.4	0.3684	369.25	0.029	219.4	0.7359
147.73	0.044	200.2	0.3613	369.33	0.017	217.5	0.6027
147.77	0.041	200	0.3488	369.42	0	214.8	0.4172
147.80	0.034	199.4	0.3488	369.50	-0.022	210.1	0.2148
147.83	0.03	199	0.332	369.58	-0.035	206.7	0.0133
147.87	0.03	199	0.3187	369.67	-0.045	203.3	-0.2645
147.90	0.027	198.6	0.2991	369.75	-0.057	199.4	-0.419
147.93	0.02	197.8	0.2734	369.83	-0.064	196.3	-0.5255
147.97	0.013	197.2	0.2485	369.92	-0.069	193.8	-0.5992
148.00	0.011	196.7	0.2263	370.00	-0.073	191.8	-0.6471
148.03	0.005	195.7	0.1962	370.08	-0.072	190.5	-0.6648
148.07	-0.003	194.8	0.1962	370.17	-0.07	190.3	-0.6693
148.10	-0.005	194.8	0.166	370.25	-0.064	190.7	-0.6524
148.13	-0.005	194.2	0.1429	370.33	-0.054	192.1	-0.6258
148.17	-0.009	193.2	0.1118	370.42	-0.045	193.9	-0.5761
148.20	-0.017	192.2	0.079	370.50	-0.034	195.9	-0.5104
148.23	-0.02	191.4	0.0559	370.58	-0.018	198.9	-0.403
148.27	-0.024	190.5	0.0257	370.68	-0.002	202.7	-0.237
148.30	-0.031	189.4	0.0257	370.75	0.01	205.9	-0.0692
148.33	-0.033	189.4	-0.0062	370.83	0.026	209	0.1385
148.37	-0.033	188.7	-0.0275	370.92	0.047	212.2	0.3559
148.40	-0.036	187.8	-0.0488	371.00	0.06	216.3	0.5361
148.43	-0.041	186.8	-0.0719	371.08	0.068	218.4	0.7554
148.47	-0.044	186	-0.0879	371.17	0.077	220.2	0.8601
148.50	-0.045	185.4	-0.1021	371.25	0.083	221.7	0.9285
148.53	-0.048	184.6	-0.1021	371.33	0.085	222.7	0.9658
148.57	-0.05	184	-0.1163	371.42	0.086	223.4	0.9835
148.60	-0.05	184	-0.1278	371.50	0.082	223.9	0.9862
148.63	-0.051	183.5	-0.1358	371.58	0.074	223.8	0.9791
148.67	-0.051	183	-0.1411	371.67	0.068	223.4	0.948
148.70	-0.051	182.6	-0.1447	371.75	0.056	222.6	0.9081
148.73	-0.051	182.3	-0.1465	371.83	0.042	221.3	0.8362
148.77	-0.051	182.1	-0.1473	371.92	0.032	219.7	0.7447

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
148.82	-0.05	181.9	-0.1482	372.00	0.016	217.7	0.608
148.85	-0.05	181.7	-0.1473	372.10	-0.004	214.2	0.3639
148.87	-0.048	181.7	-0.1447	372.17	-0.017	211.1	0.1731
148.90	-0.044	181.8	-0.1447	372.25	-0.029	208	-0.0293
148.93	-0.042	181.8	-0.1402	372.33	-0.044	204	-0.229
148.97	-0.042	181.9	-0.1358	372.42	-0.059	198.6	-0.3852
149.00	-0.04	182.1	-0.1287	372.50	-0.066	195.6	-0.4971
149.03	-0.035	182.5	-0.1198	372.58	-0.07	193.4	-0.6107
149.07	-0.032	182.8	-0.111	372.67	-0.073	191.6	-0.6524
149.10	-0.029	183.1	-0.0968	372.75	-0.073	190.7	-0.6684
149.13	-0.022	183.8	-0.0968	372.83	-0.071	190.3	-0.6702
149.17	-0.018	184.3	-0.0817	372.92	-0.065	190.7	-0.6604
149.20	-0.018	184.3	-0.0666	373.00	-0.052	192.4	-0.6356
149.23	-0.015	184.8	-0.047	373.08	-0.042	194.4	-0.5956
149.27	-0.009	185.7	-0.0222	373.17	-0.032	196.4	-0.4953
149.30	-0.002	186.5	0.0027	373.25	-0.016	199.5	-0.3808
149.33	0.001	187.1	0.024	373.33	-0.003	202.6	-0.2352
149.37	0.005	188.1	0.0533	373.42	0.011	205.5	-0.0675
149.40	0.014	189	0.0533	373.50	0.027	209	0.1447
149.43	0.017	189	0.087	373.60	0.043	213.1	0.3914
149.47	0.017	189.7	0.1101	373.67	0.056	215.9	0.5876
149.50	0.02	190.6	0.1394	373.75	0.066	218	0.7323
149.53	0.029	191.5	0.1749	373.83	0.077	220	0.8459
149.57	0.032	192.2	0.1997	373.92	0.084	222.1	0.9143
149.60	0.035	193.1	0.2263	374.00	0.086	223	0.9737
149.63	0.042	194	0.2263	374.08	0.086	223.7	0.9879
149.67	0.045	194.7	0.2556	374.17	0.083	224	0.9888
149.70	0.045	194.7	0.2761	374.25	0.079	224	0.9782
149.73	0.047	195.4	0.2974	374.33	0.07	223.7	0.9578
149.77	0.052	196.3	0.3213	374.42	0.054	222.8	0.9178
149.80	0.055	196.9	0.3391	374.50	0.039	220.9	0.8619
149.83	0.057	197.5	0.3524	374.58	0.029	219.2	0.7181
149.87	0.059	198.1	0.3524	374.67	0.013	217.2	0.5761
149.90	0.062	198.6	0.3657	374.75	-0.003	214.6	0.387
149.93	0.062	198.6	0.3755	374.83	-0.014	211.5	0.1953
149.97	0.062	199.1	0.3835	374.92	-0.03	208.1	-0.0213
150.00	0.063	199.6	0.3897	375.02	-0.046	203	-0.2716
150.03	0.064	199.9	0.3941	375.08	-0.057	199.5	-0.4154
150.07	0.063	200.2	0.3959	375.17	-0.063	196.6	-0.5175
150.10	0.063	200.4	0.3968	375.25	-0.069	193.9	-0.5956
150.13	0.062	200.6	0.3968	375.33	-0.073	192	-0.6418
150.17	0.061	200.6	0.3968	375.42	-0.073	190.5	-0.6657
150.20	0.061	200.8	0.395	375.50	-0.07	190.3	-0.6675
150.23	0.059	200.8	0.3914	375.58	-0.064	190.8	-0.656
150.28	0.054	200.7	0.387	375.67	-0.054	192.1	-0.6258
150.32	0.054	200.8	0.3843	375.75	-0.047	193.5	-0.5841
150.33	0.052	200.7	0.3781	375.83	-0.033	196	-0.5166
150.37	0.046	200.4	0.3693	375.92	-0.013	200.1	-0.4119
150.40	0.043	200.3	0.3622	376.00	0	203.3	-0.2858
150.43	0.041	200	0.3506	376.08	0.014	206.3	-0.0257
150.47	0.034	199.5	0.3506	376.17	0.03	209.7	0.1864
150.50	0.029	199.1	0.3338	376.25	0.043	212.9	0.4003
150.53	0.029	199.1	0.3196	376.33	0.055	215.4	0.5761
150.57	0.026	198.7	0.3009	376.42	0.067	217.8	0.727
150.60	0.021	197.9	0.2769	376.50	0.077	220.4	0.8592
150.63	0.014	197.3	0.2512	376.58	0.083	221.9	0.9267
150.67	0.011	196.7	0.2299	376.67	0.086	222.9	0.9684
150.70	0.006	195.8	0.1997	376.75	0.086	223.6	0.9871
150.73	-0.003	194.9	0.1997	376.83	0.082	224.1	0.9897
150.77	-0.005	194.9	0.1669	376.92	0.076	224	0.9755
150.80	-0.005	194.2	0.1438	377.00	0.068	223.6	0.9533
150.83	-0.009	193.3	0.1154	377.08	0.055	222.7	0.9072
150.87	-0.017	192.3	0.0808	377.17	0.046	221.5	0.8459

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
150.90	-0.02	191.5	0.055	377.25	0.032	220	0.7536
150.93	-0.024	190.6	0.0257	377.33	0.01	217.8	0.6142
150.97	-0.03	189.5	0.0257	377.42	-0.006	213.9	0.4527
151.00	-0.034	188.7	-0.0044	377.50	-0.018	210.8	0.1438
151.03	-0.034	188.7	-0.0257	377.58	-0.033	207.4	-0.0621
151.07	-0.036	188	-0.047	377.67	-0.046	203.5	-0.2556
151.10	-0.04	186.8	-0.071	377.75	-0.054	200.1	-0.3994
151.13	-0.044	186	-0.0897	377.83	-0.063	196.8	-0.5148
151.17	-0.045	185.4	-0.1039	377.93	-0.07	193.4	-0.6116
151.20	-0.047	184.6	-0.1163	378.00	-0.073	191.6	-0.6515
151.23	-0.05	184	-0.1163	378.08	-0.073	190.7	-0.6693
151.27	-0.05	184	-0.1269	378.17	-0.071	190.4	-0.6702
151.30	-0.05	183.5	-0.134	378.25	-0.062	190.7	-0.6604
151.33	-0.051	183.1	-0.1402	378.33	-0.053	192.4	-0.6391
151.37	-0.052	182.6	-0.1447	378.42	-0.044	193.9	-0.5716
151.40	-0.052	182.4	-0.1473	378.50	-0.03	196.6	-0.4962
151.43	-0.051	182.1	-0.1473	378.58	-0.017	199.3	-0.3879
151.47	-0.05	182	-0.1473	378.67	-0.005	202.2	-0.2512
151.50	-0.048	182	-0.1473	378.75	0.011	205.6	-0.0746
151.53	-0.048	181.9	-0.1456	378.83	0.033	210.4	0.1331
151.57	-0.047	181.8	-0.142	378.92	0.046	213.6	0.3284
151.60	-0.044	182	-0.1376	379.00	0.057	216	0.6107
151.63	-0.041	182.2	-0.1331	379.08	0.069	218.3	0.7572
151.67	-0.039	182.3	-0.1243	379.17	0.077	220.1	0.8557
151.72	-0.035	182.6	-0.1198	379.25	0.082	221.6	0.9223
151.75	-0.032	182.9	-0.1118	379.35	0.086	223.2	0.9791
151.77	-0.029	183.2	-0.0994	379.42	0.086	223.8	0.9915
151.80	-0.025	183.9	-0.0834	379.50	0.084	224.1	0.9915
151.83	-0.017	184.5	-0.0834	379.58	0.078	224.2	0.9817
151.87	-0.015	184.5	-0.0639	379.67	0.068	223.7	0.9613
151.90	-0.015	184.9	-0.0488	379.75	0.052	222.4	0.9231
151.93	-0.011	185.7	-0.0257	379.83	0.043	221.1	0.8299
151.97	-0.002	186.6	0.0044	379.92	0.028	219.6	0.7314
152.00	0.001	187.2	0.0257	380.00	0.013	217.4	0.5841
152.03	0.005	188.1	0.0541	380.08	0.001	214.9	0.4136
152.07	0.013	189	0.0541	380.17	-0.015	211.8	0.2015
152.10	0.017	189	0.087	380.25	-0.035	208.3	-0.0142
152.13	0.017	189.7	0.1101	380.33	-0.048	202.7	-0.1917
152.17	0.02	190.5	0.1394	380.42	-0.056	199.3	-0.4261
152.20	0.028	191.5	0.174	380.50	-0.064	196.3	-0.5361
152.23	0.032	192.3	0.1997	380.58	-0.071	193.6	-0.6098
152.27	0.035	193.1	0.2263	380.67	-0.073	191.9	-0.6498
152.30	0.041	194.1	0.2574	380.75	-0.073	190.8	-0.6702
152.33	0.046	194.8	0.2574	380.85	-0.07	190.3	-0.6711
152.37	0.047	194.8	0.2805	380.92	-0.063	190.9	-0.6586
152.40	0.047	195.5	0.2982	381.00	-0.058	191.9	-0.6329
152.43	0.051	196.3	0.3196	381.08	-0.046	193.5	-0.5921
152.47	0.055	197	0.3391	381.17	-0.028	196	-0.5184
152.50	0.057	197.6	0.3524	381.25	-0.014	199.9	-0.4296
152.53	0.058	198.2	0.3666	381.33	-0.002	202.9	-0.2201
152.57	0.062	198.7	0.3666	381.42	0.015	206.3	-0.0337
152.60	0.062	198.7	0.3781	381.50	0.028	209.5	0.1695
152.63	0.062	199.2	0.3852	381.58	0.041	212.6	0.3737
152.67	0.063	199.6	0.3914	381.67	0.056	215.4	0.5699
152.70	0.064	200	0.3959	381.75	0.071	217.7	0.7154
152.73	0.063	200.3	0.3986	381.83	0.079	220.5	0.8255
152.77	0.063	200.5	0.3994	381.92	0.083	221.9	0.9338
152.80	0.062	200.7	0.3994	382.00	0.086	223	0.9737
152.83	0.061	200.9	0.3986	382.08	0.086	223.6	0.9879
152.87	0.061	200.9	0.3977	382.17	0.084	224	0.9897
152.90	0.059	200.9	0.3932	382.27	0.077	224.2	0.9764
152.93	0.056	200.8	0.3897	382.33	0.067	223.6	0.9551
152.97	0.052	200.8	0.3843	382.42	0.057	222.8	0.9116

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
153.00	0.05	200.7	0.3781	382.50	0.046	221.8	0.8521
153.03	0.047	200.4	0.3693	382.58	0.026	219.9	0.7509
153.07	0.041	200.1	0.3693	382.67	0.01	216.9	0.6276
153.10	0.039	200.1	0.3586	382.75	-0.002	214.3	0.3675
153.13	0.039	199.9	0.348	382.83	-0.018	211.2	0.158
153.18	0.029	199.1	0.332	382.92	-0.033	207.5	-0.0577
153.22	0.026	199.1	0.3222	383.00	-0.042	204	-0.2343
153.23	0.026	198.8	0.3062	383.08	-0.054	200.4	-0.3897
153.27	0.023	198.2	0.2832	383.17	-0.066	196.9	-0.5157
153.30	0.014	197.4	0.2548	383.25	-0.071	193.3	-0.5858
153.33	0.01	196.8	0.2317	383.33	-0.073	191.6	-0.656
153.37	0.007	196.1	0.205	383.42	-0.073	190.8	-0.6693
153.40	-0.001	195.1	0.205	383.50	-0.07	190.6	-0.6702
153.43	-0.006	194.3	0.1722	383.58	-0.066	191	-0.6577
153.47	-0.006	194.3	0.1447	383.67	-0.057	191.9	-0.6338
153.50	-0.009	193.6	0.1172	383.77	-0.044	194	-0.5796
153.53	-0.015	192.4	0.0826	383.83	-0.03	196.6	-0.498
153.57	-0.022	191.5	0.0524	383.92	-0.02	199.1	-0.3977
153.60	-0.024	190.8	0.0284	384.00	-0.004	202.2	-0.2619
153.63	-0.028	189.6	-0.0009	384.08	0.017	205.5	-0.0861
153.67	-0.034	188.7	-0.0009	384.17	0.032	210.4	0.1101
153.70	-0.036	188.7	-0.0275	384.25	0.044	213.2	0.4154
153.73	-0.036	188	-0.0462	384.33	0.058	216	0.6054
153.77	-0.039	187.1	-0.0666	384.42	0.068	218.3	0.743
153.80	-0.044	186.1	-0.0879	384.50	0.075	220	0.8468
153.83	-0.045	185.5	-0.1012	384.58	0.083	221.6	0.9214
153.87	-0.047	184.8	-0.1145	384.67	0.086	223.2	0.9631
153.90	-0.05	184.1	-0.1145	384.75	0.086	223.8	0.9844
153.93	-0.051	184.1	-0.126	384.83	0.083	224.1	0.9871
153.97	-0.051	183.6	-0.134	384.92	0.076	224.1	0.9773
154.00	-0.051	183.2	-0.1385	385.00	0.068	223.6	0.9533
154.03	-0.051	182.8	-0.1429	385.08	0.059	223	0.916
154.07	-0.052	182.5	-0.1465	385.18	0.043	221.3	0.8273
154.10	-0.051	182.2	-0.1473	385.25	0.028	219.6	0.7314
154.13	-0.05	182.1	-0.1473	385.33	0.015	217.3	0.5823
154.17	-0.049	182	-0.1473	385.42	0	215.1	0.4065
154.20	-0.047	182	-0.1456	385.50	-0.016	211.7	0.19
154.23	-0.047	181.9	-0.142	385.58	-0.037	206.5	-0.0142
154.27	-0.045	182.1	-0.1376	385.67	-0.045	203.1	-0.2725
154.30	-0.04	182.3	-0.1323	385.75	-0.056	199.6	-0.4216
154.33	-0.038	182.4	-0.1252	385.83	-0.065	196.3	-0.5335
154.37	-0.036	182.8	-0.1154	385.92	-0.069	193.8	-0.6027
154.40	-0.029	183.3	-0.1154	386.00	-0.073	192	-0.648
154.43	-0.027	183.3	-0.1039	386.08	-0.072	190.9	-0.6702
154.47	-0.027	183.6	-0.0932	386.17	-0.069	190.5	-0.6737
154.50	-0.023	184.1	-0.0763	386.25	-0.064	191.2	-0.656
154.53	-0.015	184.9	-0.055	386.33	-0.055	192.2	-0.6276
154.57	-0.012	185.4	-0.0391	386.42	-0.042	194.2	-0.5787
154.62	-0.009	185.9	-0.0249	386.50	-0.034	196.4	-0.5113
154.65	-0.005	186.5	-0.0071	386.58	-0.019	199	-0.411
154.67	0.001	187.3	0.0195	386.67	-0.002	202.9	-0.2326
154.70	0.005	188	0.0515	386.75	0.014	206.4	-0.0408
154.73	0.011	189.1	0.0879	386.83	0.026	209.6	0.1527
154.77	0.018	189.9	0.0879	386.92	0.042	212.6	0.3693
154.80	0.021	189.9	0.1181	387.00	0.06	215.5	0.5645
154.83	0.021	190.6	0.1394	387.08	0.071	218.8	0.7039
154.87	0.025	191.6	0.1669	387.17	0.077	220.5	0.8628
154.90	0.033	192.5	0.2015	387.25	0.083	221.9	0.9302
154.93	0.036	193.2	0.2255	387.33	0.086	223	0.9729
154.97	0.039	194.1	0.2548	387.42	0.086	223.7	0.9888
155.00	0.046	194.9	0.2548	387.50	0.084	224.1	0.9906
155.03	0.048	195.7	0.2823	387.58	0.076	224.1	0.9817
155.07	0.048	195.7	0.3	387.67	0.064	223.5	0.9622

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
155.10	0.05	196.3	0.3187	387.75	0.057	222.8	0.9063
155.13	0.055	197.1	0.3391	387.83	0.042	221.4	0.837
155.17	0.057	197.7	0.3542	387.92	0.029	219.6	0.7314
155.20	0.058	198.2	0.3666	388.00	0.017	217.9	0.6018
155.23	0.061	198.9	0.3781	388.10	-0.003	214.5	0.3684
155.27	0.063	199.3	0.3781	388.17	-0.019	211.1	0.1544
155.30	0.063	199.3	0.387	388.25	-0.032	207.5	-0.0621
155.33	0.063	199.8	0.3932	388.33	-0.043	204.2	-0.2397
155.37	0.063	200.1	0.3968	388.42	-0.055	200.3	-0.3968
155.40	0.063	200.4	0.3994	388.50	-0.067	195.5	-0.5095
155.43	0.063	200.6	0.4003	388.58	-0.07	193.2	-0.5938
155.47	0.062	200.8	0.4003	388.67	-0.073	191.7	-0.6577
155.50	0.061	201	0.4003	388.75	-0.073	190.8	-0.6728
155.53	0.059	201.1	0.3986	388.83	-0.071	190.5	-0.6737
155.57	0.059	201.1	0.3968	388.92	-0.066	190.8	-0.6631
155.60	0.057	201.1	0.3914	389.00	-0.053	192	-0.6382
155.63	0.053	200.9	0.3861	389.08	-0.04	194.7	-0.5965
155.67	0.05	200.8	0.3799	389.17	-0.031	197	-0.4935
155.70	0.047	200.7	0.3701	389.25	-0.017	199.6	-0.3843
155.73	0.043	200.3	0.3604	389.33	-0.001	202.8	-0.2343
155.77	0.037	200	0.3604	389.42	0.01	206.1	-0.0675
155.80	0.035	200	0.348	389.52	0.032	210.5	0.2148
155.83	0.035	199.8	0.3373	389.58	0.043	213.2	0.3906
155.87	0.031	199.1	0.3187	389.67	0.058	216.1	0.5983
155.90	0.022	198.6	0.2956	389.75	0.066	218.3	0.7359
155.93	0.02	198.1	0.2778	389.83	0.076	220.2	0.8441
155.97	0.016	197.4	0.2512	389.92	0.084	221.7	0.9196
156.00	0.006	196.6	0.2512	390.00	0.086	223.3	0.9631
156.03	0.004	196.6	0.2192	390.08	0.086	223.9	0.9906
156.08	0.002	195.4	0.1793	390.17	0.083	224.2	0.9906
156.12	-0.006	194.4	0.1793	390.25	0.076	224.2	0.98
156.13	-0.01	193.7	0.1491	390.33	0.07	223.7	0.9569
156.17	-0.01	193.7	0.1234	390.42	0.058	223.1	0.9214
156.20	-0.013	192.9	0.0923	390.50	0.04	221.8	0.8575
156.23	-0.02	191.7	0.0559	390.58	0.025	219.3	0.7714
156.27	-0.025	190.8	0.0293	390.67	0.014	217.3	0.569
156.30	-0.027	190	0.0044	390.75	-0.003	214.6	0.3799
156.33	-0.032	188.9	-0.024	390.83	-0.018	211.4	0.1642
156.37	-0.037	188	-0.024	390.92	-0.03	208.2	-0.0337
156.40	-0.039	188	-0.0479	391.02	-0.045	203.2	-0.2761
156.43	-0.039	187.3	-0.0648	391.08	-0.057	199.6	-0.4154
156.47	-0.041	186.4	-0.0834	391.17	-0.064	196.4	-0.5281
156.50	-0.046	185.6	-0.1012	391.25	-0.069	193.9	-0.6009
156.53	-0.047	185	-0.1136	391.33	-0.073	192	-0.6471
156.57	-0.048	184.3	-0.1243	391.42	-0.073	190.6	-0.6666
156.60	-0.051	183.7	-0.1243	391.50	-0.069	190.5	-0.6702
156.63	-0.051	183.7	-0.134	391.58	-0.064	190.9	-0.6533
156.67	-0.051	183.3	-0.1394	391.67	-0.054	192.3	-0.6258
156.70	-0.051	182.9	-0.1438	391.75	-0.044	194.2	-0.5752
156.73	-0.051	182.6	-0.1473	391.83	-0.034	196.1	-0.5104
156.77	-0.051	182.4	-0.1482	391.92	-0.019	199.1	-0.4048
156.80	-0.05	182.1	-0.1482	392.00	0.002	203.7	-0.2627
156.83	-0.049	182.1	-0.1465	392.08	0.016	207	-0.103
156.87	-0.047	182.1	-0.1465	392.17	0.029	210	0.2006
156.90	-0.045	182.1	-0.1438	392.25	0.046	213.3	0.4225
156.93	-0.045	182.1	-0.1394	392.33	0.057	216	0.5974
156.97	-0.043	182.3	-0.134	392.43	0.069	219.1	0.7341
157.00	-0.037	182.6	-0.1269	392.50	0.077	220.7	0.8681
157.03	-0.036	182.7	-0.1198	392.58	0.084	222.2	0.9409
157.07	-0.033	183.2	-0.1083	392.67	0.085	223.2	0.9746
157.10	-0.025	183.7	-0.1083	392.75	0.086	223.9	0.9933
157.13	-0.023	183.7	-0.0932	392.83	0.082	224.3	0.9959
157.17	-0.023	184.1	-0.0808	392.92	0.074	224.2	0.9879

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
157.20	-0.019	184.7	-0.0621	393.00	0.068	223.7	0.956
157.23	-0.011	185.5	-0.0382	393.08	0.056	222.9	0.9143
157.27	-0.007	186.1	-0.0195	393.17	0.042	221.6	0.845
157.30	-0.005	186.7	0.0044	393.25	0.032	219.9	0.7501
157.33	0.003	187.8	0.0044	393.33	0.016	218	0.6134
157.37	0.009	188.5	0.0373	393.42	-0.007	215.4	0.4358
157.40	0.009	188.5	0.063	393.50	-0.021	210.7	0.2388
157.43	0.012	189.2	0.0897	393.58	-0.032	207.4	-0.0719
157.47	0.017	190.3	0.1234	393.67	-0.046	203.5	-0.2636
157.52	0.026	191.2	0.1536	393.75	-0.056	199.9	-0.4136
157.55	0.026	191.7	0.1704	393.83	-0.063	196.9	-0.5193
157.57	0.029	192.6	0.1944	393.93	-0.07	193.3	-0.6178
157.60	0.037	193.4	0.2263	394.00	-0.073	191.6	-0.656
157.63	0.04	194.1	0.2485	394.08	-0.073	190.8	-0.6711
157.67	0.042	194.9	0.2725	394.17	-0.071	190.4	-0.6719
157.70	0.049	195.8	0.2725	394.25	-0.065	190.8	-0.6622
157.73	0.051	195.8	0.2991	394.33	-0.052	192.6	-0.6356
157.77	0.051	196.4	0.3169	394.42	-0.042	194.6	-0.5983
157.80	0.053	197	0.3355	394.50	-0.031	196.6	-0.4944
157.83	0.057	197.8	0.3542	394.58	-0.015	199.8	-0.3781
157.87	0.06	198.3	0.3666	394.67	-0.003	202.8	-0.2361
157.90	0.06	198.8	0.3755	394.75	0.011	205.8	-0.0657
157.93	0.062	199.4	0.3852	394.83	0.033	209.4	0.1527
157.97	0.064	199.8	0.3852	394.92	0.047	213.8	0.3382
158.00	0.063	199.8	0.3923	395.00	0.057	216.4	0.6142
158.03	0.063	200.1	0.395	395.08	0.069	218.5	0.758
158.07	0.063	200.4	0.3977	395.17	0.078	220.4	0.8637
158.10	0.062	200.6	0.3986	395.25	0.082	222	0.9276
158.13	0.062	200.9	0.3994	395.35	0.086	223.4	0.9826
158.17	0.061	201.1	0.3986	395.42	0.085	224	0.9933
158.20	0.059	201.1	0.3986	395.50	0.083	224.4	0.9942
158.23	0.057	201.1	0.3959	395.58	0.079	224.3	0.9853
158.27	0.057	201.2	0.3923	395.67	0.07	224	0.9649
158.30	0.055	201.1	0.3861	395.75	0.053	223.1	0.924
158.33	0.049	200.9	0.379	395.83	0.039	221.3	0.8699
158.37	0.047	200.8	0.3728	395.92	0.029	219.5	0.7243
158.40	0.044	200.6	0.363	396.00	0.013	217.5	0.5805
158.43	0.038	200.1	0.363	396.08	-0.002	214.9	0.3914
158.47	0.034	199.8	0.3497	396.17	-0.015	211.9	0.1962
158.50	0.034	199.8	0.3373	396.25	-0.031	208.4	-0.0213
158.53	0.031	199.4	0.3204	396.33	-0.048	204.6	-0.2184
158.57	0.025	198.7	0.2982	396.42	-0.058	199.2	-0.3684
158.60	0.018	198.1	0.2752	396.50	-0.064	196.4	-0.5379
158.63	0.015	197.6	0.2556	396.58	-0.071	193.6	-0.6125
158.67	0.011	196.8	0.2281	396.67	-0.073	191.9	-0.6515
158.70	0.002	196	0.2281	396.75	-0.073	190.9	-0.6702
158.73	-0.001	196	0.1962	396.83	-0.07	190.4	-0.6711
158.77	-0.001	195.3	0.1722	396.92	-0.064	190.9	-0.6595
158.80	-0.004	194.4	0.142	397.00	-0.055	192.3	-0.6293
158.83	-0.013	193.4	0.1056	397.08	-0.047	193.7	-0.5858
158.87	-0.016	192.6	0.0799	397.17	-0.032	196.2	-0.5166
158.90	-0.019	191.7	0.0524	397.25	-0.012	200.4	-0.4119
158.93	-0.026	190.6	0.0524	397.33	0	203.5	-0.2858
158.98	-0.029	189.9	0.0009	397.42	0.014	206.6	-0.0222
159.02	-0.031	189.2	-0.0186	397.50	0.03	210	0.1953
159.03	-0.035	188.1	-0.0435	397.58	0.043	213.2	0.4057
159.07	-0.04	187.3	-0.0435	397.67	0.055	215.7	0.5814
159.10	-0.041	187.3	-0.0666	397.75	0.067	218.2	0.7341
159.13	-0.041	186.6	-0.0817	397.83	0.079	220.9	0.8424
159.17	-0.044	185.7	-0.0976	397.92	0.083	222.3	0.9453
159.20	-0.048	185	-0.1154	398.00	0.086	223.3	0.9791
159.23	-0.049	184.4	-0.1243	398.08	0.086	223.9	0.9942
159.27	-0.05	183.9	-0.1331	398.17	0.084	224.3	0.9942

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
159.30	-0.051	183.4	-0.1331	398.27	0.077	224.2	0.9808
159.33	-0.052	183.4	-0.1402	398.33	0.068	223.9	0.9587
159.37	-0.052	183	-0.1438	398.42	0.055	222.9	0.9134
159.40	-0.051	182.7	-0.1456	398.50	0.046	221.7	0.8512
159.43	-0.051	182.5	-0.1473	398.58	0.031	220.2	0.7563
159.47	-0.05	182.3	-0.1473	398.67	0.01	218.1	0.6151
159.50	-0.049	182.1	-0.1456	398.75	-0.006	214.2	0.4527
159.53	-0.047	182.1	-0.1456	398.83	-0.017	211	0.1438
159.57	-0.045	182.2	-0.1438	398.92	-0.033	207.6	-0.0648
159.60	-0.045	182.2	-0.1402	399.00	-0.046	203.8	-0.2592
159.63	-0.043	182.3	-0.134	399.08	-0.054	200.2	-0.4039
159.67	-0.038	182.6	-0.126	399.17	-0.063	197	-0.5202
159.70	-0.034	182.9	-0.1189	399.25	-0.071	194.2	-0.6
159.73	-0.033	183.1	-0.1083	399.33	-0.073	191.6	-0.648
159.77	-0.028	183.8	-0.0941	399.42	-0.073	190.8	-0.6764
159.80	-0.021	184.3	-0.0941	399.50	-0.07	190.6	-0.6755
159.83	-0.019	184.3	-0.0781	399.58	-0.063	191.2	-0.6631
159.87	-0.019	184.7	-0.0648	399.68	-0.053	192.7	-0.6373
159.90	-0.015	185.4	-0.0453	399.75	-0.045	194.2	-0.5787
159.93	-0.007	186.2	-0.0186	399.83	-0.03	196.8	-0.5042
159.97	-0.004	186.8	0.0009	399.92	-0.017	199.6	-0.3923
160.00	0	187.6	0.0293	400.00	-0.005	202.5	-0.2583
160.03	0.009	188.6	0.0293	400.08	0.011	205.9	-0.0781
160.07	0.012	189.3	0.063	400.17	0.033	210.7	0.1287
160.10	0.012	189.3	0.087	400.25	0.047	213.8	0.3275
160.13	0.016	190	0.1154	400.33	0.057	216.3	0.6089
160.17	0.023	191.1	0.1482	400.42	0.069	218.6	0.7536
160.20	0.028	191.9	0.1766	400.50	0.077	220.5	0.8575
160.23	0.031	192.6	0.2042	400.58	0.082	221.9	0.9249
160.27	0.037	193.7	0.2361	400.67	0.086	223.1	0.972
160.30	0.042	194.4	0.2361	400.75	0.086	224.1	0.9888
160.33	0.042	194.4	0.2619	400.83	0.083	224.3	0.9915
160.37	0.045	195.1	0.2858	400.92	0.077	224.3	0.98
160.40	0.049	196.1	0.3098	401.00	0.066	223.8	0.956
160.45	0.054	196.8	0.3302	401.08	0.059	222.9	0.916
160.48	0.054	197.3	0.34	401.18	0.044	221.4	0.8353
160.50	0.056	197.9	0.3533	401.25	0.029	219.8	0.7332
160.53	0.059	198.5	0.3675	401.33	0.013	217.6	0.5805
160.57	0.061	199	0.3772	401.42	0.001	215	0.4092
160.60	0.062	199.4	0.3861	401.50	-0.015	212.1	0.2015
160.63	0.063	199.9	0.3861	401.58	-0.036	208.5	-0.0213
160.67	0.063	200.2	0.3932	401.67	-0.048	202.9	-0.2015
160.70	0.063	200.2	0.3968	401.75	-0.056	199.6	-0.4323
160.73	0.063	200.6	0.4003	401.83	-0.065	196.4	-0.5415
160.77	0.063	200.8	0.4012	401.92	-0.071	193.7	-0.6151
160.80	0.063	201.1	0.4021	402.00	-0.072	192.1	-0.6577
160.83	0.062	201.2	0.4012	402.08	-0.073	191	-0.6773
160.87	0.06	201.3	0.3977	402.17	-0.069	190.6	-0.6799
160.90	0.056	201.2	0.3977	402.25	-0.062	191.4	-0.6711
160.93	0.055	201.2	0.3941	402.33	-0.056	192.4	-0.6329
160.97	0.055	201.3	0.3897	402.42	-0.043	194.3	-0.5858
161.00	0.052	201.1	0.3826	402.50	-0.031	196.8	-0.5068
161.03	0.046	200.9	0.3737	402.60	-0.014	200.5	-0.4074
161.07	0.044	200.7	0.3666	402.67	-0.002	203.2	-0.2299
161.10	0.041	200.3	0.3542	402.75	0.014	206.7	-0.0382
161.13	0.032	199.9	0.3542	402.83	0.028	210	0.1731
161.17	0.031	199.9	0.3373	402.92	0.041	212.9	0.3764
161.20	0.031	199.6	0.3249	403.00	0.056	215.8	0.5734
161.23	0.027	199.1	0.3045	403.08	0.071	219.2	0.7199
161.27	0.019	198.3	0.2778	403.17	0.078	221	0.8291
161.30	0.014	197.8	0.2574	403.25	0.083	222.2	0.9373
161.33	0.011	197.2	0.2317	403.33	0.086	223.3	0.9764
161.37	0.004	196.2	0.1979	403.42	0.086	224	0.9906

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
161.40	-0.002	195.3	0.1979	403.50	0.084	224.4	0.9924
161.43	-0.005	195.3	0.1704	403.58	0.078	224.4	0.9844
161.47	-0.005	194.7	0.1465	403.67	0.064	223.7	0.9622
161.50	-0.009	193.7	0.1172	403.75	0.055	222.7	0.8992
161.53	-0.017	192.7	0.0817	403.83	0.043	221.7	0.8344
161.57	-0.02	191.9	0.0559	403.92	0.026	219.7	0.7234
161.60	-0.023	190.8	0.0275	404.00	0.015	217.6	0.5823
161.63	-0.031	189.8	0.0275	404.10	-0.003	214.2	0.3559
161.67	-0.033	189.8	-0.0062	404.17	-0.018	211.3	0.1544
161.70	-0.033	189	-0.0266	404.25	-0.033	207.7	-0.0639
161.73	-0.036	188.2	-0.0497	404.33	-0.042	204.1	-0.2406
161.77	-0.041	187.2	-0.0737	404.42	-0.054	200.5	-0.3986
161.80	-0.043	186.4	-0.0897	404.50	-0.066	197.1	-0.521
161.83	-0.045	185.7	-0.1039	404.58	-0.072	193.2	-0.5956
161.88	-0.047	185.1	-0.1136	404.67	-0.073	191.8	-0.664
161.92	-0.049	184.5	-0.1234	404.75	-0.073	190.9	-0.679
161.93	-0.05	184	-0.1314	404.83	-0.07	190.6	-0.6799
161.97	-0.051	183.5	-0.1314	404.92	-0.066	191.2	-0.6675
162.00	-0.052	183.1	-0.1394	405.00	-0.057	192	-0.6435
162.03	-0.052	183.1	-0.1447	405.08	-0.041	193.9	-0.5956
162.07	-0.051	182.8	-0.1473	405.17	-0.027	197.4	-0.5335
162.10	-0.051	182.5	-0.1482	405.25	-0.017	200.1	-0.3808
162.13	-0.05	182.3	-0.1482	405.33	-0.002	203.1	-0.2334
162.17	-0.049	182.2	-0.1473	405.42	0.014	206.5	-0.047
162.20	-0.048	182.2	-0.1447	405.52	0.031	210.7	0.1278
162.23	-0.044	182.3	-0.1447	405.58	0.043	213.8	0.4048
162.27	-0.042	182.3	-0.1402	405.67	0.058	216.5	0.6063
162.30	-0.042	182.4	-0.1358	405.75	0.069	218.7	0.7492
162.33	-0.04	182.6	-0.1287	405.83	0.075	220.5	0.8495
162.37	-0.035	182.9	-0.1198	405.92	0.082	222	0.9223
162.40	-0.032	183.2	-0.111	406.00	0.086	223.2	0.9684
162.43	-0.029	183.6	-0.0968	406.08	0.086	224.2	0.9888
162.47	-0.022	184.3	-0.0968	406.17	0.083	224.5	0.9915
162.50	-0.018	184.8	-0.0799	406.25	0.076	224.4	0.98
162.53	-0.018	184.8	-0.0666	406.33	0.068	223.9	0.9542
162.57	-0.015	185.3	-0.047	406.42	0.059	223.3	0.9187
162.60	-0.008	186.2	-0.0204	406.50	0.044	222	0.8548
162.63	-0.003	186.9	0.0009	406.58	0.024	219.3	0.7589
162.67	0	187.6	0.0284	406.67	0.012	217.1	0.5477
162.70	0.006	188.6	0.0612	406.75	-0.003	214.8	0.3737
162.73	0.014	189.4	0.0612	406.83	-0.018	211.6	0.1651
162.77	0.016	189.4	0.0914	406.92	-0.029	208.2	-0.0391
162.80	0.016	190.1	0.1145	407.00	-0.045	203.2	-0.2769
162.83	0.02	191.1	0.1429	407.08	-0.057	199.7	-0.4305
162.87	0.029	192	0.1784	407.17	-0.065	196.5	-0.537
162.90	0.031	192.7	0.2024	407.25	-0.069	194	-0.608
162.93	0.035	193.7	0.2326	407.33	-0.073	192.1	-0.6577
162.97	0.042	194.5	0.2326	407.42	-0.072	191.1	-0.6782
163.00	0.045	194.5	0.2636	407.50	-0.069	190.7	-0.6817
163.03	0.045	195.2	0.2858	407.58	-0.064	191.3	-0.664
163.07	0.048	196	0.3062	407.67	-0.055	192.4	-0.6373
163.10	0.053	196.8	0.3284	407.75	-0.042	194.4	-0.5858
163.13	0.055	197.4	0.3435	407.83	-0.034	196.5	-0.5175
163.17	0.056	198	0.3577	407.92	-0.019	199.2	-0.4172
163.20	0.06	198.6	0.3577	408.00	0.002	202.3	-0.2734
163.23	0.061	199.1	0.371	408.08	0.017	207.2	-0.111
163.27	0.062	199.1	0.3808	408.17	0.029	210.3	0.1917
163.30	0.062	199.6	0.3888	408.25	0.045	213.5	0.4057
163.35	0.063	200.3	0.395	408.33	0.057	216.2	0.5956
163.38	0.063	200.3	0.3994	408.43	0.07	219.3	0.735
163.40	0.063	200.7	0.4021	408.50	0.077	220.9	0.8628
163.43	0.063	200.9	0.403	408.58	0.084	222.4	0.9338
163.47	0.062	201.1	0.403	408.67	0.086	223.4	0.9729

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
163.50	0.062	201.3	0.403	408.75	0.086	224.1	0.9906
163.53	0.06	201.3	0.3994	408.83	0.084	224.5	0.9933
163.57	0.056	201.3	0.3994	408.92	0.074	224.4	0.9844
163.60	0.054	201.3	0.3959	409.00	0.066	223.8	0.9666
163.63	0.054	201.3	0.3914	409.08	0.057	223.2	0.9089
163.67	0.052	201.3	0.3843	409.17	0.041	221.7	0.8362
163.70	0.047	201	0.3755	409.25	0.029	219.9	0.7314
163.73	0.043	200.8	0.3675	409.33	0.016	218.1	0.5992
163.77	0.041	200.6	0.3568	409.42	-0.001	215.4	0.4154
163.80	0.035	200	0.3409	409.50	-0.022	210.6	0.2095
163.83	0.029	199.6	0.3409	409.58	-0.034	207	-0.1047
163.87	0.026	199.6	0.324	409.67	-0.045	203.7	-0.2769
163.90	0.026	199.2	0.3089	409.75	-0.058	199.7	-0.4358
163.93	0.023	198.5	0.2858	409.85	-0.067	195.5	-0.5361
163.97	0.014	197.8	0.2574	409.92	-0.069	193.4	-0.6231
164.00	0.011	197.2	0.2343	410.00	-0.073	191.8	-0.664
164.03	0.007	196.4	0.205	410.08	-0.073	190.9	-0.6808
164.07	-0.002	195.5	0.205	410.17	-0.071	190.6	-0.6817
164.10	-0.006	195.5	0.1713	410.25	-0.065	190.9	-0.6702
164.13	-0.006	194.7	0.1465	410.33	-0.053	192.2	-0.6444
164.17	-0.009	193.9	0.1189	410.42	-0.04	194.9	-0.6045
164.20	-0.017	192.8	0.0834	410.50	-0.032	197.1	-0.5024
164.23	-0.02	192	0.0559	410.58	-0.017	199.8	-0.3914
164.27	-0.023	191.1	0.0293	410.67	-0.002	203	-0.2397
164.30	-0.03	190	0.0293	410.75	0.01	206.3	-0.0719
164.33	-0.033	189.1	-0.0036	410.83	0.026	209.5	0.1385
164.37	-0.033	189.1	-0.0266	410.92	0.048	212.7	0.3559
164.40	-0.036	188.4	-0.0479	411.00	0.06	216.7	0.5379
164.43	-0.04	187.3	-0.0737	411.08	0.068	218.9	0.7589
164.47	-0.044	186.4	-0.0914	411.17	0.077	220.7	0.8628
164.50	-0.045	185.8	-0.1039	411.25	0.083	222.2	0.9311
164.53	-0.047	185.1	-0.1154	411.35	0.086	223.6	0.9693
164.57	-0.05	184.5	-0.1154	411.42	0.085	224.2	0.9915
164.60	-0.05	184.5	-0.1287	411.50	0.083	224.6	0.9924
164.63	-0.05	184	-0.1349	411.58	0.076	224.5	0.9808
164.67	-0.051	183.5	-0.1411	411.67	0.07	224.2	0.9604
164.70	-0.052	183.1	-0.1465	411.75	0.058	223.4	0.9223
164.73	-0.052	182.8	-0.1491	411.83	0.038	221.4	0.8575
164.78	-0.051	182.6	-0.15	411.92	0.026	219.6	0.7722
164.82	-0.051	182.4	-0.15	412.00	0.013	217.7	0.5672
164.83	-0.049	182.2	-0.1491	412.08	-0.004	214.8	0.3701
164.87	-0.048	182.2	-0.1465	412.17	-0.017	211.6	0.1616
164.90	-0.045	182.3	-0.1465	412.25	-0.03	208.5	-0.0426
164.93	-0.041	182.5	-0.142	412.33	-0.044	204.5	-0.2406
164.97	-0.041	182.5	-0.1376	412.42	-0.06	199	-0.3959
165.00	-0.04	182.5	-0.1305	412.50	-0.065	196.1	-0.5583
165.03	-0.036	183	-0.1207	412.58	-0.07	193.7	-0.6231
165.07	-0.031	183.3	-0.111	412.67	-0.073	191.9	-0.6675
165.10	-0.029	183.6	-0.1003	412.77	-0.072	190.8	-0.6817
165.13	-0.025	184.3	-0.0843	412.83	-0.07	190.6	-0.6835
165.17	-0.017	184.9	-0.0843	412.92	-0.064	191.1	-0.6702
165.20	-0.015	184.9	-0.0657	413.00	-0.054	192.4	-0.6418
165.23	-0.015	185.4	-0.0488	413.08	-0.046	194.1	-0.5965
165.27	-0.011	186.1	-0.0257	413.17	-0.034	196.3	-0.5308
165.30	-0.003	187	0.0018	413.25	-0.014	199.2	-0.4234
165.33	0.001	187.7	0.0249	413.33	0.001	203.7	-0.2929
165.37	0.005	188.4	0.0541	413.42	0.013	207	-0.0284
165.40	0.012	189.5	0.0541	413.50	0.03	210.1	0.1802
165.43	0.018	190.3	0.0879	413.58	0.044	213.4	0.3994
165.47	0.018	190.3	0.1145	413.67	0.054	216.1	0.5752
165.50	0.021	191	0.1411	413.75	0.067	218.3	0.727
165.53	0.026	192	0.174	413.83	0.079	220.3	0.8424
165.57	0.034	192.9	0.2077	413.92	0.084	222.5	0.9116

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
165.60	0.036	193.5	0.2281	414.00	0.085	223.5	0.9755
165.63	0.039	194.4	0.2512	414.08	0.086	224.1	0.9924
165.67	0.046	195.2	0.2512	414.17	0.083	224.5	0.9933
165.70	0.048	195.2	0.2814	414.27	0.075	224.5	0.9871
165.73	0.048	196	0.3009	414.33	0.068	224.1	0.956
165.77	0.05	196.7	0.3213	414.42	0.055	223.2	0.9125
165.80	0.056	197.4	0.3435	414.50	0.043	221.9	0.8415
165.83	0.057	198	0.3577	414.58	0.032	220.4	0.7492
165.87	0.058	198.6	0.3693	414.67	0.015	218.1	0.6071
165.90	0.061	199.2	0.3693	414.75	-0.007	214.2	0.4287
165.93	0.063	199.7	0.3826	414.83	-0.02	210.9	0.2343
165.97	0.063	199.7	0.3906	414.92	-0.032	207.7	-0.0808
166.00	0.063	200	0.3968	415.00	-0.046	203.7	-0.2752
166.03	0.063	200.4	0.4012	415.08	-0.056	200	-0.4243
166.07	0.063	200.7	0.4039	415.17	-0.063	197.1	-0.5317
166.10	0.063	201	0.4048	415.25	-0.07	194.2	-0.6107
166.13	0.063	201.2	0.4048	415.33	-0.073	191.8	-0.6569
166.17	0.061	201.3	0.4048	415.42	-0.072	191	-0.6782
166.20	0.059	201.3	0.4039	415.50	-0.07	190.7	-0.6817
166.25	0.058	201.5	0.3977	415.58	-0.063	191.4	-0.6684
166.28	0.054	201.4	0.3977	415.68	-0.052	192.9	-0.64
166.30	0.052	201.4	0.3932	415.75	-0.044	194.7	-0.5823
166.33	0.052	201.4	0.3879	415.83	-0.031	196.9	-0.5095
166.37	0.049	201.2	0.379	415.92	-0.016	200	-0.3923
166.40	0.043	200.8	0.3684	416.00	-0.005	202.9	-0.2592
166.43	0.04	200.6	0.3595	416.08	0.011	206	-0.0843
166.47	0.037	200.3	0.3453	416.17	0.032	209.5	0.1287
166.50	0.03	199.7	0.3453	416.25	0.048	214.1	0.3364
166.53	0.025	199.2	0.3258	416.33	0.057	216.7	0.6116
166.57	0.025	199.2	0.3089	416.42	0.069	218.8	0.7536
166.60	0.023	198.8	0.2903	416.50	0.078	220.8	0.8628
166.63	0.017	197.9	0.2619	416.58	0.082	222.2	0.9249
166.67	0.009	197.2	0.2326	416.67	0.085	223.3	0.9702
166.70	0.006	196.7	0.2113	416.75	0.086	224.1	0.9906
166.73	0.002	195.7	0.1811	416.83	0.082	224.6	0.995
166.77	-0.007	194.8	0.1811	416.92	0.077	224.4	0.9808
166.80	-0.009	194.8	0.1465	417.00	0.068	224.1	0.9578
166.83	-0.009	194	0.1225	417.08	0.055	223.2	0.9134
166.87	-0.013	193	0.0905	417.17	0.04	221.6	0.8717
166.90	-0.022	192	0.0541	417.25	0.029	219.9	0.7261
166.93	-0.024	191.2	0.0311	417.33	0.013	217.8	0.5787
166.97	-0.027	190.3	0.0036	417.42	-0.002	215.1	0.3888
167.00	-0.034	189.3	0.0036	417.50	-0.015	212.2	0.1846
167.03	-0.037	189.3	-0.0249	417.58	-0.03	208.5	-0.0311
167.07	-0.037	188.5	-0.0462	417.67	-0.048	204.8	-0.2246
167.10	-0.039	187.7	-0.0657	417.75	-0.059	199.2	-0.3781
167.13	-0.043	186.7	-0.087	417.83	-0.064	196.4	-0.5566
167.17	-0.046	186	-0.103	417.92	-0.07	193.8	-0.624
167.20	-0.047	185.3	-0.1154	418.00	-0.073	192.1	-0.6657
167.23	-0.049	184.6	-0.1154	418.08	-0.072	191	-0.6835
167.27	-0.051	184.1	-0.1269	418.17	-0.071	190.8	-0.6844
167.30	-0.051	184.1	-0.1358	418.25	-0.062	191.4	-0.6746
167.33	-0.051	183.6	-0.1411	418.33	-0.053	192.9	-0.6524
167.37	-0.052	183.2	-0.1465	418.42	-0.045	194.3	-0.5876
167.40	-0.052	182.9	-0.1473	418.50	-0.03	197.1	-0.5086
167.43	-0.05	182.7	-0.1482	418.60	-0.012	200.8	-0.3959
167.47	-0.05	182.5	-0.1482	418.67	0	204	-0.2974
167.50	-0.049	182.4	-0.1482	418.75	0.014	206.9	-0.0337
167.53	-0.047	182.4	-0.1473	418.83	0.03	210.4	0.1908
167.57	-0.047	182.4	-0.1456	418.92	0.042	213.6	0.3977
167.60	-0.045	182.4	-0.1402	419.00	0.055	216	0.5805
167.63	-0.041	182.7	-0.134	419.08	0.068	218.6	0.7394
167.67	-0.038	182.9	-0.1278	419.17	0.079	221.3	0.8379

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
167.72	-0.036	183	-0.1225	419.25	0.083	222.7	0.9436
167.73	-0.034	183.3	-0.1154	419.33	0.086	223.6	0.9808
167.77	-0.028	183.8	-0.1012	419.42	0.086	224.3	0.9942
167.80	-0.025	184.1	-0.0888	419.50	0.084	224.6	0.995
167.83	-0.021	184.9	-0.071	419.58	0.079	224.7	0.9862
167.87	-0.013	185.5	-0.071	419.67	0.067	224.1	0.9604
167.90	-0.01	185.5	-0.0479	419.75	0.051	222.9	0.9285
167.93	-0.01	186.1	-0.0302	419.83	0.044	221.6	0.8317
167.97	-0.007	186.9	-0.0053	419.92	0.028	220	0.7261
168.00	0.002	187.8	0.0275	420.02	0.01	217.9	0.5832
168.03	0.006	188.5	0.0506	420.08	-0.006	214.4	0.4509
168.07	0.009	189.2	0.079	420.17	-0.017	211.3	0.1402
168.10	0.017	190.3	0.079	420.25	-0.034	207.7	-0.079
168.13	0.021	191	0.1145	420.33	-0.045	204.1	-0.261
168.17	0.021	191	0.1394	420.42	-0.054	200.6	-0.4048
168.20	0.024	191.7	0.1669	420.50	-0.064	197.1	-0.5299
168.23	0.032	192.9	0.2059	420.58	-0.071	194.4	-0.6089
168.27	0.037	193.7	0.2317	420.67	-0.074	191.8	-0.656
168.30	0.039	194.4	0.2556	420.75	-0.074	190.8	-0.6888
168.33	0.043	195.2	0.2769	420.83	-0.07	190.8	-0.6861
168.37	0.049	196.1	0.2769	420.92	-0.063	191.4	-0.6719
168.40	0.051	196.1	0.3071	421.00	-0.057	192.2	-0.6489
168.43	0.051	196.8	0.324	421.08	-0.046	194	-0.6036
168.47	0.053	197.5	0.3409	421.17	-0.027	197.7	-0.5299
168.50	0.057	198.1	0.3577	421.25	-0.014	200.5	-0.4394
168.53	0.059	198.7	0.3693	421.33	-0.002	203.4	-0.2281
168.57	0.06	199.2	0.3808	421.42	0.015	206.9	-0.0399
168.60	0.063	199.7	0.3808	421.52	0.032	211.1	0.1402
168.63	0.063	200.1	0.3906	421.58	0.045	214.3	0.3169
168.67	0.063	200.1	0.3968	421.67	0.058	216.8	0.6205
168.70	0.063	200.5	0.4012	421.75	0.07	219	0.7643
168.73	0.063	200.8	0.4039	421.83	0.076	221	0.8583
168.77	0.063	201	0.4048	421.92	0.082	222.3	0.9276
168.80	0.062	201.2	0.4048	422.00	0.086	223.4	0.9746
168.83	0.061	201.4	0.4039	422.08	0.086	224.5	0.9924
168.87	0.059	201.5	0.4039	422.17	0.083	224.8	0.9959
168.90	0.056	201.5	0.4012	422.25	0.077	224.7	0.9844
168.93	0.056	201.5	0.3977	422.33	0.066	224.1	0.9604
168.97	0.055	201.4	0.3914	422.42	0.059	223.3	0.9205
169.00	0.05	201.2	0.3843	422.50	0.046	222.3	0.8592
169.03	0.047	201.1	0.3772	422.58	0.025	220.6	0.7598
169.07	0.044	200.9	0.3675	422.67	0.01	217.4	0.6347
169.10	0.039	200.4	0.3542	422.75	-0.002	214.8	0.3701
169.15	0.036	200.3	0.3462	422.83	-0.019	211.6	0.15
169.18	0.033	200	0.3311	422.93	-0.036	208.1	-0.0692
169.20	0.027	199.2	0.3107	423.00	-0.047	203.2	-0.2059
169.23	0.02	198.7	0.3107	423.08	-0.056	199.8	-0.4403
169.27	0.017	198.7	0.2894	423.17	-0.065	196.5	-0.5494
169.30	0.017	198.2	0.2707	423.25	-0.07	193.9	-0.6222
169.33	0.014	197.5	0.2432	423.33	-0.072	192.3	-0.664
169.37	0.004	196.7	0.2104	423.42	-0.073	191.2	-0.6835
169.40	0.002	196	0.1873	423.50	-0.069	190.8	-0.6861
169.43	-0.002	195.1	0.1562	423.58	-0.062	191.6	-0.6773
169.47	-0.011	194.1	0.1562	423.67	-0.056	192.5	-0.6391
169.50	-0.014	194.1	0.1207	423.75	-0.042	194.6	-0.5894
169.53	-0.014	193.3	0.0968	423.83	-0.032	197	-0.5148
169.57	-0.017	192.5	0.0692	423.92	-0.02	199.4	-0.4128
169.60	-0.024	191.4	0.0328	424.00	-0.003	202.8	-0.2636
169.63	-0.028	190.5	0.0062	424.08	0.018	207.7	-0.0932
169.67	-0.031	189.7	-0.0178	424.17	0.031	211	0.1056
169.70	-0.036	188.6	-0.0178	424.25	0.044	213.8	0.4181
169.73	-0.04	187.8	-0.0453	424.33	0.059	216.7	0.6107
169.77	-0.04	187.8	-0.0666	424.43	0.071	219.6	0.7217

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
169.80	-0.041	187	-0.0834	424.50	0.077	221.3	0.8663
169.83	-0.044	186.1	-0.1012	424.58	0.083	222.7	0.9365
169.87	-0.048	185.3	-0.1163	424.67	0.086	223.7	0.9764
169.90	-0.048	184.8	-0.1252	424.75	0.086	224.3	0.9915
169.93	-0.05	184.2	-0.134	424.83	0.084	224.8	0.9942
169.97	-0.052	183.7	-0.134	424.92	0.075	224.8	0.9862
170.00	-0.051	183.7	-0.1438	425.00	0.064	224.1	0.9666
170.03	-0.051	183.4	-0.1465	425.08	0.057	223.1	0.9072
170.07	-0.051	183	-0.1491	425.17	0.043	222	0.8397
170.10	-0.051	182.8	-0.15	425.25	0.027	220.1	0.7305
170.13	-0.05	182.6	-0.15	425.33	0.017	218.1	0.5983
170.17	-0.05	182.4	-0.1482	425.42	0	215.7	0.4207
170.20	-0.047	182.5	-0.1482	425.50	-0.021	212.5	0.2068
170.23	-0.045	182.5	-0.1456	425.58	-0.036	207.2	0.0018
170.27	-0.045	182.5	-0.1429	425.67	-0.045	203.7	-0.2814
170.30	-0.043	182.6	-0.1358	425.75	-0.057	200	-0.4376
170.33	-0.038	183	-0.1287	425.85	-0.066	196.8	-0.5423
170.37	-0.035	183.2	-0.1216	425.92	-0.071	193.4	-0.6054
170.40	-0.033	183.4	-0.1101	426.00	-0.073	191.9	-0.6711
170.43	-0.027	184.1	-0.095	426.08	-0.073	191	-0.6861
170.47	-0.021	184.6	-0.095	426.17	-0.071	190.8	-0.687
170.50	-0.019	184.6	-0.0817	426.25	-0.066	191.1	-0.6746
170.53	-0.019	185	-0.0657	426.33	-0.057	192.3	-0.6498
170.57	-0.015	185.8	-0.0453	426.42	-0.04	195	-0.6036
170.62	-0.005	186.6	-0.0186	426.50	-0.029	197.6	-0.5432
170.65	-0.005	187	-0.0053	426.58	-0.017	200	-0.3888
170.67	-0.002	187.8	0.0178	426.67	-0.001	203.5	-0.2317
170.70	0.007	188.7	0.0515	426.75	0.012	206.8	-0.0533
170.73	0.01	189.4	0.0754	426.83	0.026	209.8	0.1456
170.77	0.014	190.2	0.1047	426.92	0.043	213.2	0.3728
170.80	0.022	191.2	0.1047	427.00	0.061	217.1	0.5583
170.83	0.025	191.9	0.1402	427.08	0.07	219.3	0.7758
170.87	0.025	191.9	0.1633	427.17	0.077	221	0.8699
170.90	0.029	192.7	0.1944	427.25	0.083	222.6	0.9391
170.93	0.036	193.7	0.229	427.35	0.086	223.9	0.9711
170.97	0.04	194.5	0.2548	427.42	0.086	224.5	0.995
171.00	0.043	195.2	0.2778	427.50	0.083	224.9	0.995
171.03	0.047	196.2	0.3027	427.58	0.076	224.8	0.9844
171.07	0.051	196.9	0.3027	427.67	0.07	224.2	0.9613
171.10	0.053	196.9	0.3231	427.75	0.059	223.6	0.9249
171.13	0.053	197.5	0.34	427.83	0.04	222.3	0.8592
171.17	0.055	198.2	0.3559	427.92	0.025	219.8	0.7714
171.20	0.061	198.8	0.3737	428.00	0.014	217.6	0.5663
171.23	0.061	199.3	0.3817	428.08	-0.003	215.2	0.379
171.27	0.061	199.8	0.3906	428.17	-0.018	211.8	0.1589
171.30	0.063	200.2	0.3906	428.25	-0.029	208.4	-0.0426
171.33	0.063	200.2	0.3977	428.33	-0.043	204.8	-0.2379
171.37	0.063	200.6	0.4021	428.42	-0.058	200.9	-0.403
171.40	0.063	200.9	0.4048	428.50	-0.066	196.2	-0.5122
171.43	0.063	201.2	0.4065	428.58	-0.07	193.9	-0.6284
171.47	0.062	201.3	0.4065	428.67	-0.073	192.2	-0.6702
171.50	0.061	201.5	0.4048	428.77	-0.072	191.2	-0.6844
171.53	0.059	201.6	0.4048	428.83	-0.069	190.9	-0.6888
171.57	0.056	201.5	0.4021	428.92	-0.064	191.3	-0.6719
171.60	0.056	201.5	0.3977	429.00	-0.055	192.6	-0.6444
171.63	0.055	201.6	0.3932	429.08	-0.044	194.6	-0.5929
171.67	0.051	201.3	0.3861	429.17	-0.034	196.5	-0.5273
171.70	0.046	201.2	0.3772	429.25	-0.019	199.6	-0.4199
171.73	0.044	201	0.3675	429.33	0.002	204.2	-0.2787
171.77	0.04	200.5	0.3551	429.42	0.016	207.5	-0.1118
171.80	0.033	200.1	0.3551	429.50	0.03	210.5	0.1953
171.83	0.031	200.1	0.3409	429.58	0.045	213.8	0.4145
171.87	0.031	199.9	0.3275	429.67	0.056	216.6	0.5947

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
171.90	0.027	199.2	0.3062	429.75	0.066	218.6	0.7359
171.93	0.018	198.6	0.2814	429.83	0.077	220.7	0.8512
171.97	0.015	198.1	0.261	429.92	0.084	222.8	0.9223
172.00	0.011	197.3	0.2308	430.00	0.086	223.8	0.9817
172.05	0.005	196.6	0.2095	430.08	0.086	224.4	0.9968
172.08	0.001	196.1	0.1882	430.18	0.082	224.8	0.9968
172.10	-0.002	195.2	0.1589	430.25	0.074	224.7	0.9897
172.13	-0.01	194.2	0.1589	430.33	0.068	224.1	0.9569
172.17	-0.015	193.4	0.1225	430.42	0.056	223.4	0.916
172.20	-0.015	193.4	0.095	430.50	0.042	222	0.8415
172.23	-0.018	192.5	0.0666	430.58	0.032	220.4	0.7501
172.27	-0.024	191.4	0.0328	430.67	0.016	218.4	0.6116
172.30	-0.029	190.5	0.0053	430.75	-0.006	215.9	0.4287
172.33	-0.031	189.8	-0.0186	430.83	-0.021	211.1	0.2308
172.37	-0.035	188.6	-0.0435	430.92	-0.032	207.8	-0.087
172.40	-0.04	187.8	-0.0435	431.00	-0.046	204	-0.2725
172.43	-0.041	187.8	-0.0666	431.08	-0.057	200.1	-0.4367
172.47	-0.041	187.1	-0.0834	431.17	-0.063	197.2	-0.5361
172.50	-0.044	186.2	-0.0985	431.25	-0.069	194.4	-0.6134
172.53	-0.048	185.4	-0.1163	431.33	-0.073	192.5	-0.6631
172.57	-0.049	184.9	-0.126	431.42	-0.072	191.2	-0.6844
172.60	-0.05	184.3	-0.1358	431.50	-0.07	190.9	-0.6861
172.63	-0.052	183.8	-0.1358	431.58	-0.064	191.4	-0.6737
172.67	-0.052	183.8	-0.142	431.68	-0.053	192.9	-0.6533
172.70	-0.052	183.4	-0.1491	431.75	-0.042	195	-0.6142
172.73	-0.051	183.1	-0.1491	431.83	-0.031	197.1	-0.5095
172.77	-0.051	182.8	-0.15	431.92	-0.015	200.2	-0.3932
172.80	-0.05	182.6	-0.15	432.00	-0.003	203.4	-0.245
172.83	-0.049	182.5	-0.1491	432.08	0.011	206.4	-0.0719
172.87	-0.047	182.5	-0.1491	432.17	0.027	209.9	0.1402
172.90	-0.045	182.6	-0.1465	432.25	0.048	214.5	0.3577
172.93	-0.045	182.6	-0.1429	432.33	0.059	217.2	0.6284
172.97	-0.043	182.6	-0.1367	432.42	0.069	219.2	0.7634
173.00	-0.039	183	-0.1296	432.50	0.078	221.1	0.8708
173.03	-0.035	183.3	-0.1216	432.58	0.082	222.6	0.9311
173.07	-0.032	183.5	-0.1127	432.67	0.086	223.6	0.9746
173.10	-0.028	184.1	-0.0976	432.75	0.086	224.3	0.9933
173.13	-0.021	184.7	-0.0976	432.83	0.082	224.9	0.9968
173.17	-0.019	184.7	-0.0817	432.92	0.077	224.7	0.9817
173.20	-0.019	185.1	-0.0675	433.00	0.068	224.3	0.9595
173.23	-0.016	185.8	-0.0479	433.10	0.053	223.4	0.9134
173.27	-0.007	186.6	-0.0204	433.17	0.039	221.7	0.8672
173.30	-0.004	187.3	0.0009	433.25	0.029	220	0.7208
173.33	0	188.1	0.0311	433.33	0.013	218	0.577
173.37	0.009	189	0.0311	433.42	-0.002	215.3	0.387
173.40	0.013	189	0.0648	433.50	-0.014	212.4	0.1855
173.43	0.013	189.7	0.0879	433.58	-0.031	208.7	-0.0364
173.47	0.016	190.5	0.1172	433.67	-0.048	205	-0.2272
173.52	0.026	192.2	0.1491	433.75	-0.058	199.5	-0.3835
173.55	0.026	192.2	0.1687	433.83	-0.064	196.7	-0.5548
173.57	0.029	192.9	0.1944	433.92	-0.07	194	-0.6267
173.60	0.035	193.9	0.2272	434.00	-0.073	192.2	-0.6711
173.63	0.041	194.7	0.2574	434.08	-0.073	191.3	-0.6879
173.67	0.043	195.4	0.2769	434.17	-0.071	190.9	-0.6897
173.70	0.046	196.3	0.3	434.25	-0.062	191.7	-0.6799
173.73	0.052	197	0.3	434.33	-0.053	193.1	-0.6577
173.77	0.053	197	0.324	434.42	-0.044	194.6	-0.5912
173.80	0.053	197.6	0.3409	434.50	-0.03	197.3	-0.5139
173.83	0.055	198.3	0.3577	434.60	-0.013	200.9	-0.4323
173.87	0.06	198.9	0.3728	434.67	0	204.2	-0.3
173.90	0.061	199.4	0.3826	434.75	0.014	207.2	-0.0355
173.93	0.062	199.9	0.3906	434.83	0.03	210.6	0.1846
173.97	0.063	200.3	0.3906	434.92	0.043	213.8	0.4003

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
174.00	0.063	200.3	0.3986	435.00	0.055	216.3	0.5787
174.03	0.063	200.7	0.403	435.08	0.067	218.8	0.7332
174.07	0.063	201	0.4048	435.17	0.079	221.5	0.845
174.10	0.063	201.3	0.4065	435.25	0.083	222.9	0.9178
174.13	0.062	201.4	0.4065	435.33	0.086	223.8	0.9791
174.17	0.062	201.6	0.4065	435.42	0.086	224.5	0.9942
174.20	0.059	201.7	0.4065	435.50	0.084	224.9	0.9959
174.23	0.056	201.7	0.403	435.58	0.078	224.9	0.9871
174.27	0.056	201.7	0.3994	435.67	0.066	224.4	0.9649
174.30	0.054	201.7	0.3932	435.75	0.052	223.2	0.9311
174.33	0.051	201.4	0.3861	435.83	0.043	221.9	0.8317
174.37	0.046	201.3	0.3781	435.92	0.029	220.3	0.7314
174.40	0.044	201.1	0.3701	436.02	0.01	218	0.5796
174.43	0.041	200.7	0.3586	436.08	-0.006	214.6	0.4447
174.47	0.033	200.3	0.3586	436.17	-0.018	211.4	0.134
174.50	0.03	200.3	0.3426	436.25	-0.033	208	-0.0772
174.53	0.03	200	0.3284	436.33	-0.046	204.2	-0.2725
174.57	0.027	199.4	0.308	436.42	-0.054	200.7	-0.4145
174.60	0.018	198.7	0.2823	436.50	-0.063	197.4	-0.5344
174.63	0.015	198.2	0.261	436.58	-0.071	194.5	-0.6142
174.67	0.011	197.5	0.2334	436.67	-0.073	191.9	-0.6622
174.70	0.003	196.6	0.2334	436.75	-0.073	191.2	-0.6906
174.73	-0.001	195.9	0.2006	436.83	-0.07	190.9	-0.6897
174.77	-0.001	195.9	0.1749	436.92	-0.063	191.5	-0.6773
174.80	-0.004	195.1	0.1465	437.00	-0.058	192.4	-0.6515
174.83	-0.011	194	0.111	437.08	-0.045	194.3	-0.6071
174.87	-0.017	193.1	0.0808	437.17	-0.027	197.8	-0.537
174.90	-0.019	192.3	0.0559	437.25	-0.014	200.7	-0.4438
174.95	-0.025	191.1	0.0213	437.33	-0.002	203.6	-0.2317
174.98	-0.029	190.5	0.0027	437.42	0.015	207.2	-0.0408
175.00	-0.031	189.8	-0.0151	437.52	0.031	211.3	0.1074
175.03	-0.034	188.8	-0.0391	437.58	0.046	214.5	0.316
175.07	-0.04	187.9	-0.0391	437.67	0.057	217	0.6134
175.10	-0.042	187.9	-0.0648	437.75	0.069	219.3	0.7589
175.13	-0.042	187.2	-0.0817	437.83	0.077	221.1	0.8583
175.17	-0.044	186.3	-0.0976	437.92	0.082	222.5	0.9267
175.20	-0.048	185.5	-0.1145	438.00	0.086	223.7	0.972
175.23	-0.049	184.9	-0.1252	438.08	0.085	224.7	0.9924
175.27	-0.05	184.4	-0.134	438.17	0.083	225	0.9968
175.30	-0.051	183.9	-0.134	438.25	0.077	225	0.9826
175.33	-0.051	183.5	-0.1411	438.33	0.066	224.4	0.9587
175.37	-0.051	183.5	-0.1456	438.42	0.057	223.5	0.916
175.40	-0.052	183.2	-0.1482	438.50	0.046	222.5	0.8548
175.43	-0.051	182.9	-0.15	438.58	0.03	220.7	0.7501
175.47	-0.05	182.7	-0.15	438.67	0.009	217.5	0.6169
175.50	-0.049	182.6	-0.1491	438.75	-0.002	214.9	0.3604
175.53	-0.048	182.6	-0.1465	438.83	-0.018	211.9	0.15
175.57	-0.044	182.6	-0.1465	438.93	-0.036	208.1	-0.0763
175.60	-0.042	182.6	-0.142	439.00	-0.048	203.2	-0.2121
175.63	-0.042	182.7	-0.1376	439.08	-0.056	199.8	-0.442
175.67	-0.04	183	-0.1305	439.17	-0.065	196.8	-0.5521
175.70	-0.034	183.3	-0.1216	439.25	-0.071	194.1	-0.6267
175.73	-0.032	183.6	-0.1127	439.33	-0.072	192.4	-0.6675
175.77	-0.029	184	-0.0985	439.42	-0.073	191.3	-0.6888
175.80	-0.022	184.7	-0.0985	439.50	-0.069	191	-0.6906
175.83	-0.018	185.2	-0.0817	439.58	-0.061	191.8	-0.6817
175.87	-0.018	185.2	-0.0675	439.67	-0.056	192.8	-0.6435
175.90	-0.015	185.7	-0.0479	439.75	-0.043	194.7	-0.5965
175.93	-0.008	186.6	-0.0213	439.83	-0.031	197.2	-0.5175
175.97	-0.003	187.4	0.0018	439.92	-0.02	199.7	-0.4172
176.00	0	188	0.0284	440.00	-0.004	202.9	-0.2734
176.03	0.007	189.1	0.0612	440.08	0.018	207.8	-0.095
176.07	0.014	189.9	0.0612	440.17	0.031	211.1	0.1012

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
176.10	0.016	189.9	0.0923	440.25	0.044	214	0.4145
176.13	0.016	190.6	0.1163	440.35	0.058	216.9	0.6071
176.17	0.021	191.6	0.1456	440.42	0.071	219.8	0.7154
176.20	0.029	192.5	0.1802	440.50	0.078	221.6	0.8246
176.23	0.031	193.1	0.2042	440.58	0.083	222.9	0.9418
176.27	0.035	194.1	0.2343	440.67	0.086	223.9	0.9808
176.30	0.043	194.9	0.2343	440.75	0.086	224.6	0.9942
176.33	0.045	194.9	0.2663	440.83	0.084	225	0.9959
176.37	0.045	195.7	0.2876	440.92	0.078	225	0.9879
176.42	0.051	197.1	0.3116	441.00	0.064	224.3	0.9666
176.45	0.053	197.1	0.324	441.08	0.055	223.2	0.9027
176.47	0.053	197.7	0.34	441.17	0.043	222.2	0.837
176.50	0.056	198.3	0.3559	441.25	0.027	220.3	0.7252
176.53	0.059	199	0.3719	441.33	0.016	218.3	0.5965
176.57	0.061	199.5	0.3817	441.42	0	215.9	0.4181
176.60	0.062	199.9	0.3914	441.50	-0.021	212.8	0.2024
176.63	0.063	200.4	0.3914	441.58	-0.035	207.4	-0.0027
176.67	0.064	200.8	0.3994	441.67	-0.045	203.8	-0.2858
176.70	0.064	200.8	0.4039	441.75	-0.057	200.2	-0.4412
176.73	0.064	201.1	0.4065	441.85	-0.066	197.2	-0.5379
176.77	0.063	201.4	0.4074	441.92	-0.071	193.5	-0.6063
176.80	0.062	201.6	0.4074	442.00	-0.073	192	-0.6764
176.83	0.061	201.8	0.4074	442.08	-0.073	191.2	-0.6915
176.87	0.06	201.8	0.4048	442.17	-0.07	190.9	-0.6915
176.90	0.056	201.8	0.4048	442.25	-0.066	191.5	-0.679
176.93	0.054	201.8	0.4003	442.33	-0.057	192.4	-0.656
176.97	0.054	201.8	0.3959	442.42	-0.041	194.4	-0.608
177.00	0.052	201.6	0.3888	442.50	-0.028	197.8	-0.5486
177.03	0.046	201.4	0.3799	442.58	-0.017	200.3	-0.3923
177.07	0.044	201.3	0.3719	442.67	-0.001	203.6	-0.2379
177.10	0.041	200.9	0.3586	442.75	0.013	206.9	-0.0568
177.13	0.033	200.4	0.3586	442.83	0.026	210.1	0.1509
177.17	0.03	200.1	0.3426	442.92	0.042	213.4	0.3675
177.20	0.03	200.1	0.3302	443.00	0.061	217.4	0.561
177.23	0.027	199.7	0.3098	443.08	0.07	219.5	0.7057
177.27	0.02	198.8	0.284	443.17	0.077	221.3	0.8708
177.30	0.014	198.2	0.2592	443.25	0.083	222.7	0.94
177.33	0.011	197.7	0.2352	443.33	0.086	224.1	0.9737
177.37	0.005	196.7	0.2033	443.42	0.086	224.8	0.9933
177.40	-0.002	195.9	0.2033	443.50	0.083	225.1	0.9968
177.43	-0.005	195.9	0.1713	443.58	0.076	225	0.9862
177.47	-0.005	195.1	0.1482	443.67	0.068	224.4	0.9613
177.50	-0.009	194.2	0.1172	443.75	0.059	223.9	0.9231
177.53	-0.017	193.2	0.0817	443.83	0.044	222.5	0.8566
177.57	-0.02	192.4	0.0568	443.92	0.024	219.9	0.7634
177.60	-0.023	191.5	0.0293	444.00	0.013	217.8	0.5628
177.63	-0.031	190.4	0.0293	444.08	-0.003	215.3	0.3755
177.67	-0.033	190.4	-0.0036	444.17	-0.018	212	0.1553
177.70	-0.033	189.6	-0.0266	444.25	-0.03	208.6	-0.047
177.73	-0.035	188.8	-0.0479	444.33	-0.043	205	-0.2414
177.77	-0.041	187.7	-0.0728	444.42	-0.058	201	-0.4119
177.80	-0.043	187	-0.0897	444.50	-0.066	196.4	-0.5184
177.83	-0.045	186.2	-0.1056	444.58	-0.07	193.9	-0.6338
177.88	-0.047	185.5	-0.1172	444.67	-0.073	192.3	-0.6764
177.92	-0.049	185	-0.126	444.77	-0.072	191.3	-0.6924
177.93	-0.05	184.5	-0.134	444.83	-0.069	190.9	-0.6959
177.97	-0.051	183.9	-0.142	444.92	-0.064	191.6	-0.6773
178.00	-0.052	183.5	-0.142	445.00	-0.055	192.7	-0.6506
178.03	-0.052	183.5	-0.1473	445.08	-0.042	194.8	-0.5983
178.07	-0.052	183.2	-0.15	445.17	-0.035	196.8	-0.5326
178.10	-0.051	183	-0.1509	445.25	-0.019	199.7	-0.427
178.13	-0.05	182.8	-0.1509	445.33	0.002	202.8	-0.2849
178.17	-0.049	182.6	-0.15	445.42	0.016	207.7	-0.1145

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
178.20	-0.048	182.6	-0.1473	445.50	0.029	210.8	0.19
178.23	-0.044	182.7	-0.1473	445.58	0.045	214	0.4074
178.27	-0.042	182.7	-0.1438	445.67	0.057	216.8	0.5938
178.30	-0.042	182.8	-0.1385	445.75	0.066	218.9	0.7359
178.33	-0.04	183	-0.1314	445.83	0.077	220.9	0.853
178.37	-0.035	183.4	-0.1225	445.92	0.084	222.4	0.924
178.40	-0.032	183.7	-0.1127	446.00	0.087	224.1	0.9702
178.43	-0.029	184	-0.1003	446.08	0.086	224.6	0.9977
178.47	-0.023	184.8	-0.1003	446.18	0.083	225	0.9986
178.50	-0.018	185.3	-0.0826	446.25	0.074	225	0.9906
178.53	-0.018	185.3	-0.0675	446.33	0.066	224.3	0.972
178.57	-0.015	185.7	-0.0488	446.42	0.057	223.7	0.9143
178.60	-0.009	186.7	-0.0213	446.50	0.042	222.2	0.8424
178.63	-0.002	187.5	0.0044	446.58	0.03	220.4	0.7341
178.67	0.001	188.1	0.0257	446.67	0.016	218.6	0.6009
178.70	0.005	189	0.0559	446.75	-0.001	215.8	0.4083
178.73	0.014	190	0.0559	446.83	-0.022	211	0.205
178.77	0.017	190	0.0923	446.92	-0.034	207.4	-0.1136
178.80	0.017	190.6	0.1154	447.00	-0.045	204.1	-0.2814
178.83	0.021	191.6	0.1456	447.08	-0.057	200.2	-0.4385
178.87	0.028	192.5	0.1793	447.17	-0.063	197.2	-0.5406
178.90	0.032	193.2	0.205	447.25	-0.069	194.6	-0.6196
178.93	0.035	194	0.2326	447.33	-0.073	192.6	-0.6693
178.97	0.042	195	0.2326	447.42	-0.072	191.3	-0.6888
179.00	0.045	195.8	0.2654	447.50	-0.07	191.1	-0.6915
179.03	0.045	195.8	0.2885	447.58	-0.064	191.5	-0.6782
179.07	0.047	196.5	0.3098	447.68	-0.054	192.3	-0.6622
179.10	0.052	197.3	0.332	447.75	-0.04	195.3	-0.616
179.13	0.056	198	0.3515	447.83	-0.031	197.6	-0.5104
179.17	0.057	198.6	0.3639	447.92	-0.016	200.3	-0.3994
179.20	0.059	199.2	0.3772	448.00	-0.001	203.5	-0.2441
179.23	0.062	199.8	0.3772	448.08	0.01	206.8	-0.0772
179.27	0.062	199.8	0.3888	448.17	0.027	210	0.1358
179.32	0.063	200.5	0.4003	448.25	0.047	213.3	0.3542
179.35	0.063	200.9	0.4003	448.33	0.06	217.3	0.5352
179.37	0.064	200.9	0.4048	448.42	0.068	219.5	0.7651
179.40	0.064	201.2	0.4083	448.50	0.078	221.3	0.8708
179.43	0.063	201.4	0.4092	448.58	0.083	222.7	0.9347
179.47	0.062	201.7	0.4092	448.67	0.085	223.8	0.9755
179.50	0.061	201.8	0.4083	448.75	0.086	224.5	0.995
179.53	0.06	201.9	0.4057	448.83	0.082	224.9	0.9968
179.57	0.057	201.9	0.4057	448.92	0.074	224.9	0.9906
179.60	0.054	201.8	0.4012	449.00	0.068	224.5	0.9578
179.63	0.054	201.8	0.3968	449.10	0.056	223.6	0.9178
179.67	0.052	201.8	0.3897	449.17	0.039	221.9	0.8654
179.70	0.048	201.5	0.3817	449.25	0.026	220	0.7776
179.73	0.043	201.3	0.3728	449.33	0.013	218.1	0.5645
179.77	0.041	201.1	0.363	449.42	-0.004	215.3	0.371
179.80	0.036	200.5	0.348	449.50	-0.017	212	0.1562
179.83	0.029	200.1	0.348	449.58	-0.03	208.9	-0.0479
179.87	0.026	200.1	0.3293	449.67	-0.044	204.9	-0.2468
179.90	0.026	199.8	0.3142	449.75	-0.059	199.3	-0.4092
179.93	0.023	199	0.292	449.83	-0.065	196.4	-0.5228
179.97	0.014	198.3	0.2619	449.92	-0.07	194	-0.6356
180.00	0.011	197.8	0.2397	450.00	-0.073	192.2	-0.6782
180.03	0.007	197	0.2095	450.08	-0.073	191.4	-0.6924
180.07	-0.002	196.1	0.2095	450.17	-0.071	191	-0.6941
180.10	-0.006	196.1	0.1758	450.25	-0.063	191.4	-0.6844
180.13	-0.006	195.2	0.1491	450.33	-0.051	193.3	-0.6613
180.17	-0.009	194.4	0.1207	450.42	-0.044	195.1	-0.5921
180.20	-0.016	193.3	0.0843	450.52	-0.031	197.3	-0.5193
180.23	-0.021	192.4	0.0559	450.58	-0.014	199.7	-0.4385
180.27	-0.024	191.6	0.0284	450.67	0.001	204.3	-0.3018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
180.30	-0.03	190.5	0.0284	450.75	0.013	207.5	-0.0364
180.33	-0.034	189.6	-0.0027	450.83	0.029	210.7	0.1758
180.37	-0.034	189.6	-0.0266	450.92	0.044	214	0.4012
180.40	-0.036	188.9	-0.0488	451.00	0.054	216.7	0.5761
180.43	-0.04	187.8	-0.0719	451.08	0.067	218.9	0.7323
180.47	-0.044	187	-0.0897	451.17	0.079	220.9	0.8459
180.50	-0.045	186.3	-0.1039	451.25	0.084	223	0.916
180.53	-0.047	185.5	-0.1172	451.33	0.086	224	0.9817
180.57	-0.05	184.9	-0.1172	451.42	0.086	224.7	0.9968
180.60	-0.05	184.9	-0.1296	451.50	0.083	225	0.9977
180.63	-0.05	184.4	-0.1367	451.58	0.079	225.1	0.9871
180.67	-0.051	184	-0.1429	451.67	0.069	224.6	0.9684
180.70	-0.052	183.5	-0.1473	451.75	0.053	223.4	0.9267
180.73	-0.051	183.3	-0.15	451.83	0.041	221.9	0.8717
180.78	-0.051	183	-0.1509	451.92	0.029	220.4	0.7243
180.82	-0.05	182.8	-0.1509	452.02	0.015	218.4	0.5956
180.83	-0.05	182.6	-0.1509	452.08	-0.007	214.6	0.4296
180.87	-0.048	182.6	-0.1482	452.17	-0.02	211.3	0.2281
180.90	-0.045	182.8	-0.1482	452.25	-0.033	208.1	-0.0897
180.93	-0.042	182.9	-0.1438	452.33	-0.046	204	-0.2858
180.97	-0.042	182.9	-0.1394	452.42	-0.056	200.3	-0.4376
181.00	-0.04	183	-0.1323	452.50	-0.063	197.4	-0.5415
181.03	-0.036	183.5	-0.1225	452.58	-0.07	194.5	-0.6231
181.07	-0.031	183.8	-0.1127	452.67	-0.073	191.9	-0.6702
181.10	-0.029	184.1	-0.1021	452.75	-0.073	191.2	-0.6959
181.13	-0.025	184.7	-0.087	452.83	-0.07	191	-0.6941
181.17	-0.017	185.4	-0.087	452.92	-0.063	191.6	-0.6817
181.20	-0.014	185.4	-0.0683	453.00	-0.057	192.8	-0.6542
181.23	-0.014	185.9	-0.0515	453.08	-0.046	194.3	-0.6125
181.27	-0.011	186.6	-0.0293	453.17	-0.028	196.9	-0.537
181.30	-0.002	187.5	0.0018	453.25	-0.013	200.9	-0.4447
181.33	0.001	188.2	0.024	453.33	-0.002	204.1	-0.2326
181.37	0.005	189	0.055	453.42	0.014	207.3	-0.047
181.40	0.013	189.9	0.055	453.50	0.031	210	0.1092
181.43	0.017	190.7	0.0888	453.58	0.047	214.7	0.3204
181.47	0.017	190.7	0.1154	453.67	0.057	217.3	0.6151
181.50	0.02	191.5	0.1429	453.75	0.069	219.4	0.758
181.53	0.027	192.5	0.1775	453.83	0.078	221.4	0.8681
181.57	0.032	193.3	0.205	453.92	0.082	222.8	0.932
181.60	0.035	194.1	0.2334	454.00	0.085	223.8	0.9755
181.63	0.041	195.1	0.2663	454.08	0.085	224.6	0.9924
181.67	0.046	195.9	0.2663	454.17	0.082	225.2	0.9977
181.70	0.048	195.9	0.2911	454.25	0.077	225.1	0.9835
181.73	0.048	196.6	0.3098	454.33	0.067	224.6	0.9613
181.77	0.051	197.4	0.3284	454.42	0.055	223.7	0.9152
181.80	0.055	198	0.3488	454.50	0.047	222.7	0.8566
181.83	0.057	198.6	0.363	454.58	0.03	220.8	0.7545
181.87	0.058	199.2	0.3764	454.67	0.009	217.7	0.6178
181.90	0.062	199.8	0.3764	454.75	-0.005	214.9	0.4491
181.93	0.062	199.8	0.3888	454.83	-0.018	211.9	0.1349
181.97	0.062	200.2	0.3959	454.93	-0.031	208.6	-0.0488
182.00	0.063	200.6	0.4012	455.00	-0.048	203.2	-0.2272
182.03	0.063	201	0.4057	455.08	-0.058	199.6	-0.387
182.07	0.063	201.3	0.4083	455.17	-0.064	196.8	-0.5601
182.10	0.063	201.5	0.4092	455.25	-0.071	194	-0.6347
182.13	0.062	201.7	0.4092	455.33	-0.073	192.3	-0.6764
182.17	0.061	201.7	0.4092	455.42	-0.073	191.4	-0.6932
182.22	0.06	202	0.4057	455.50	-0.071	191.1	-0.695
182.25	0.057	202	0.4057	455.58	-0.061	191.9	-0.6853
182.27	0.054	202	0.4021	455.67	-0.055	193.1	-0.6471
182.30	0.054	202	0.3977	455.75	-0.044	194.7	-0.5992
182.33	0.052	201.9	0.3906	455.83	-0.03	197.5	-0.5193
182.37	0.048	201.6	0.3817	455.92	-0.02	200.1	-0.4181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
182.40	0.042	201.4	0.3728	456.00	-0.005	203.1	-0.2769
182.43	0.04	201.2	0.3639	456.08	0.017	206.5	-0.0959
182.47	0.037	200.7	0.3488	456.17	0.032	211.3	0.1047
182.50	0.029	200.2	0.3488	456.25	0.044	214.5	0.4199
182.53	0.026	200.2	0.3302	456.35	0.058	217	0.6054
182.57	0.026	199.8	0.3142	456.42	0.071	219	0.7181
182.60	0.023	199.1	0.292	456.50	0.079	221.8	0.8299
182.63	0.014	198.4	0.261	456.58	0.083	223.1	0.9436
182.67	0.01	197.8	0.2388	456.67	0.086	224.1	0.9826
182.70	0.007	197.1	0.2113	456.75	0.086	224.8	0.9968
182.73	-0.001	196.1	0.2113	456.83	0.084	225.2	0.9986
182.77	-0.006	195.3	0.1749	456.92	0.078	225.2	0.9897
182.80	-0.006	195.3	0.1482	457.00	0.066	224.8	0.9684
182.83	-0.009	194.6	0.1216	457.08	0.053	223.5	0.9347
182.87	-0.015	193.4	0.0852	457.17	0.044	222.4	0.837
182.90	-0.021	192.5	0.0541	457.25	0.028	220.6	0.7323
182.93	-0.024	191.7	0.0293	457.33	0.014	218.4	0.5823
182.97	-0.028	190.6	-0.0018	457.42	0	216	0.4074
183.00	-0.035	189.6	-0.0018	457.50	-0.016	212.7	0.1882
183.03	-0.036	189.6	-0.0293	457.58	-0.037	207.3	-0.0275
183.07	-0.036	188.9	-0.0479	457.67	-0.047	203.6	-0.213
183.10	-0.038	188	-0.0683	457.75	-0.056	200.3	-0.4509
183.13	-0.044	187.1	-0.0905	457.85	-0.063	197.5	-0.5335
183.17	-0.045	186.4	-0.1039	457.92	-0.071	193.7	-0.6142
183.20	-0.047	185.7	-0.1172	458.00	-0.073	192.1	-0.6675
183.23	-0.05	185	-0.1172	458.08	-0.073	191.3	-0.6968
183.27	-0.05	185	-0.1305	458.17	-0.07	191.1	-0.6968
183.30	-0.05	184.5	-0.1367	458.25	-0.064	191.7	-0.6826
183.33	-0.051	184	-0.1429	458.33	-0.057	192.5	-0.6595
183.37	-0.052	183.6	-0.1482	458.42	-0.044	194.5	-0.6116
183.40	-0.051	183.3	-0.15	458.50	-0.027	198.1	-0.5432
183.43	-0.051	183.1	-0.1509	458.58	-0.017	200.8	-0.3932
183.47	-0.05	182.9	-0.1509	458.67	-0.002	203.8	-0.245
183.50	-0.049	182.8	-0.1509	458.75	0.014	207.1	-0.0595
183.53	-0.049	182.8	-0.1491	458.83	0.026	210.5	0.1447
183.57	-0.047	182.8	-0.1456	458.92	0.041	213.5	0.3577
183.60	-0.044	183	-0.1411	459.00	0.06	216.5	0.5708
183.63	-0.04	183.1	-0.1358	459.08	0.071	219.8	0.7101
183.68	-0.039	183.3	-0.1314	459.17	0.077	221.6	0.8699
183.72	-0.037	183.5	-0.1252	459.27	0.083	222.9	0.9382
183.73	-0.031	183.8	-0.1145	459.33	0.086	224	0.9764
183.77	-0.029	184.2	-0.1021	459.42	0.086	225	0.9933
183.80	-0.025	184.8	-0.087	459.50	0.083	225.3	0.9968
183.83	-0.017	185.4	-0.087	459.58	0.077	225.2	0.9862
183.87	-0.015	185.4	-0.0666	459.67	0.066	224.7	0.9622
183.90	-0.015	185.9	-0.0515	459.75	0.06	223.9	0.9231
183.93	-0.011	186.6	-0.0275	459.83	0.046	222.8	0.861
183.97	-0.003	187.6	0.0027	459.92	0.024	221	0.758
184.00	0.002	188.3	0.0257	460.00	0.011	217.9	0.6356
184.03	0.005	189	0.0541	460.08	-0.003	215.4	0.3622
184.07	0.012	190	0.0541	460.17	-0.019	212	0.1429
184.10	0.017	190.8	0.0879	460.25	-0.032	208.4	-0.0772
184.13	0.017	190.8	0.1163	460.33	-0.043	205.1	-0.2539
184.17	0.021	191.6	0.1447	460.42	-0.055	200.9	-0.4207
184.20	0.027	192.6	0.1793	460.50	-0.067	196.4	-0.5335
184.23	0.033	193.5	0.2095	460.58	-0.071	193.9	-0.6116
184.27	0.036	194.2	0.2326	460.67	-0.073	192.3	-0.6817
184.30	0.039	195.1	0.2601	460.75	-0.073	191.4	-0.6977
184.33	0.046	196	0.2601	460.83	-0.069	191.1	-0.7012
184.37	0.048	196	0.2894	460.92	-0.062	191.8	-0.6906
184.40	0.048	196.6	0.308	461.00	-0.055	192.7	-0.6515
184.43	0.05	197.4	0.3293	461.08	-0.042	194.9	-0.6027
184.47	0.056	198.1	0.3515	461.17	-0.032	197.3	-0.5264

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
184.50	0.057	198.7	0.3648	461.25	-0.02	199.8	-0.427
184.53	0.058	199.3	0.3764	461.33	-0.004	203.1	-0.2787
184.57	0.062	199.8	0.3764	461.42	0.018	208.1	-0.1012
184.60	0.062	199.8	0.3897	461.50	0.029	211.2	0.1908
184.63	0.062	200.3	0.3968	461.58	0.044	214.2	0.4021
184.67	0.063	200.7	0.403	461.67	0.058	217	0.5974
184.70	0.063	201	0.4074	461.75	0.066	219.3	0.7394
184.73	0.063	201.4	0.4101	461.83	0.076	221.1	0.8512
184.77	0.063	201.6	0.4101	461.92	0.084	222.7	0.9285
184.80	0.062	201.8	0.4101	462.00	0.086	224.3	0.9729
184.83	0.061	202	0.4101	462.08	0.085	224.9	0.9977
184.87	0.059	202	0.4101	462.18	0.084	225.3	0.9995
184.90	0.059	202	0.4065	462.25	0.075	225.3	0.9924
184.93	0.057	202	0.4012	462.33	0.064	224.5	0.9729
184.97	0.052	201.9	0.3959	462.42	0.057	223.6	0.9143
185.00	0.05	201.8	0.3906	462.50	0.043	222.5	0.8468
185.03	0.047	201.6	0.3808	462.58	0.027	220.6	0.7323
185.07	0.041	201.3	0.3808	462.67	0.017	218.6	0.5992
185.10	0.038	201.3	0.3701	462.75	0.001	216.1	0.4199
185.15	0.037	200.8	0.3524	462.83	-0.021	213	0.1997
185.17	0.03	200.3	0.3524	462.92	-0.036	207.6	-0.0089
185.20	0.026	199.9	0.3338	463.00	-0.044	204.1	-0.2903
185.23	0.026	199.9	0.3169	463.08	-0.057	200.2	-0.4491
185.27	0.023	199.4	0.2938	463.17	-0.065	197.1	-0.5539
185.30	0.016	198.5	0.2654	463.25	-0.069	194.7	-0.6258
185.33	0.009	197.8	0.2379	463.33	-0.073	192.7	-0.6755
185.37	0.006	197.3	0.2121	463.42	-0.072	191.7	-0.6932
185.40	0.001	196.2	0.1793	463.50	-0.069	191.3	-0.6977
185.43	-0.007	195.3	0.1793	463.58	-0.064	191.7	-0.6799
185.47	-0.01	195.3	0.1473	463.67	-0.057	192.5	-0.664
185.50	-0.01	194.6	0.1234	463.75	-0.04	195.5	-0.6134
185.53	-0.013	193.6	0.0923	463.83	-0.029	198	-0.5548
185.57	-0.021	192.6	0.0568	463.92	-0.017	200.5	-0.3977
185.60	-0.024	191.8	0.032	464.00	-0.001	203.9	-0.2406
185.63	-0.027	190.8	0.0027	464.08	0.013	207.2	-0.0586
185.67	-0.034	189.8	0.0027	464.17	0.026	210.3	0.1465
185.70	-0.036	189.8	-0.0275	464.25	0.042	213.7	0.3675
185.73	-0.036	189	-0.047	464.33	0.061	217.7	0.5601
185.77	-0.038	188.2	-0.0692	464.42	0.07	219.9	0.7092
185.80	-0.043	187.2	-0.0897	464.50	0.077	221.5	0.8743
185.83	-0.046	186.4	-0.1056	464.58	0.083	223	0.9427
185.87	-0.047	185.8	-0.1181	464.67	0.086	224.1	0.98
185.90	-0.049	185.1	-0.1296	464.75	0.086	224.8	0.9986
185.93	-0.051	184.6	-0.1296	464.83	0.082	225.2	1.0013
185.97	-0.051	184.6	-0.1385	464.92	0.074	225.1	0.9933
186.00	-0.051	184.1	-0.1438	465.00	0.068	224.5	0.9604
186.03	-0.051	183.8	-0.1473	465.10	0.058	224	0.9267
186.07	-0.051	183.5	-0.15	465.17	0.041	222.8	0.8637
186.10	-0.051	183.2	-0.1509	465.25	0.024	220.2	0.774
186.13	-0.05	183	-0.1509	465.33	0.014	218.1	0.5681
186.17	-0.048	182.9	-0.1509	465.42	-0.003	215.6	0.3781
186.20	-0.047	182.9	-0.15	465.50	-0.018	212.3	0.1571
186.23	-0.047	182.9	-0.1473	465.58	-0.029	208.9	-0.0497
186.27	-0.045	182.9	-0.142	465.67	-0.043	205.2	-0.2459
186.30	-0.041	183.2	-0.1358	465.75	-0.059	201.2	-0.4163
186.33	-0.038	183.4	-0.1305	465.83	-0.066	196.5	-0.5246
186.37	-0.036	183.6	-0.1207	465.92	-0.07	194.2	-0.6409
186.40	-0.03	184.2	-0.1207	466.00	-0.073	192.4	-0.6826
186.43	-0.026	184.6	-0.1083	466.08	-0.073	191.5	-0.6977
186.47	-0.026	184.6	-0.0959	466.17	-0.071	191.2	-0.6986
186.50	-0.023	185	-0.0808	466.25	-0.065	191.6	-0.6888
186.53	-0.018	185.8	-0.0595	466.33	-0.053	192.7	-0.664
186.58	-0.009	186.4	-0.0382	466.42	-0.04	195.5	-0.6222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
186.62	-0.009	186.8	-0.0257	466.52	-0.032	197.6	-0.5175
186.63	-0.006	187.7	-0.0062	466.58	-0.019	199.9	-0.4385
186.67	0.001	188.4	0.0213	466.67	0.002	204.7	-0.2885
186.70	0.005	189.1	0.0497	466.75	0.016	208.1	-0.1225
186.73	0.01	190.1	0.0861	466.83	0.029	211.1	0.1882
186.77	0.019	191	0.0861	466.92	0.045	214.4	0.4154
186.80	0.021	191	0.1198	467.00	0.056	217.1	0.5974
186.83	0.021	191.7	0.1402	467.08	0.066	219.2	0.7394
186.87	0.024	192.6	0.1704	467.17	0.077	221.3	0.8557
186.90	0.032	193.5	0.2077	467.25	0.085	223.4	0.9258
186.93	0.036	194.3	0.2326	467.33	0.086	224.3	0.9853
186.97	0.039	195	0.2601	467.42	0.086	225	0.9986
187.00	0.045	196	0.2601	467.50	0.083	225.3	0.9995
187.03	0.048	196.7	0.2867	467.58	0.078	225.2	0.9871
187.07	0.048	196.7	0.3089	467.67	0.07	224.9	0.9684
187.10	0.05	197.4	0.3275	467.75	0.054	224	0.9285
187.13	0.054	198.2	0.348	467.83	0.039	222.2	0.8708
187.17	0.058	198.8	0.3666	467.92	0.028	220.3	0.7199
187.20	0.059	199.4	0.3764	468.02	0.017	218.9	0.6134
187.23	0.06	199.9	0.387	468.08	-0.006	216.3	0.4305
187.27	0.063	200.4	0.387	468.17	-0.021	211.5	0.2281
187.30	0.063	200.4	0.3977	468.25	-0.032	208	-0.0923
187.33	0.063	200.8	0.403	468.33	-0.045	204.4	-0.2849
187.37	0.063	201.2	0.4074	468.42	-0.057	200.5	-0.4429
187.40	0.063	201.5	0.411	468.50	-0.062	197.5	-0.5415
187.43	0.063	201.7	0.4119	468.58	-0.069	194.7	-0.6276
187.47	0.062	201.9	0.411	468.67	-0.073	192.7	-0.6773
187.50	0.061	202	0.411	468.75	-0.073	191.3	-0.6968
187.53	0.058	202.1	0.4092	468.83	-0.07	191.2	-0.6986
187.57	0.058	202.1	0.4074	468.92	-0.064	191.6	-0.6853
187.60	0.057	202.2	0.4021	469.00	-0.054	193	-0.656
187.63	0.053	202	0.3968	469.08	-0.046	194.5	-0.6116
187.67	0.05	201.9	0.3906	469.17	-0.033	197	-0.5432
187.70	0.047	201.8	0.3808	469.25	-0.013	199.8	-0.4367
187.73	0.043	201.3	0.371	469.33	0.001	204.5	-0.3027
187.77	0.037	201	0.371	469.43	0.013	207.6	-0.0586
187.80	0.035	201	0.3595	469.50	0.026	210.4	0.1207
187.83	0.035	200.8	0.3462	469.58	0.048	215	0.3506
187.87	0.031	200.2	0.3293	469.67	0.059	217.7	0.5344
187.90	0.022	199.6	0.3062	469.75	0.068	219.7	0.7616
187.93	0.02	199.2	0.2876	469.83	0.078	221.6	0.8708
187.97	0.016	198.4	0.2601	469.92	0.083	223.1	0.94
188.00	0.006	197.6	0.2601	470.00	0.085	224.1	0.9791
188.05	0.005	197.1	0.2104	470.08	0.087	224.9	0.9995
188.08	0.002	196.4	0.1864	470.17	0.082	225.4	1.0013
188.10	-0.006	195.4	0.1864	470.25	0.075	225.2	0.9933
188.13	-0.01	194.6	0.1509	470.33	0.068	224.9	0.9622
188.17	-0.01	194.6	0.126	470.42	0.055	223.9	0.9196
188.20	-0.013	193.8	0.0941	470.50	0.044	222.6	0.8477
188.23	-0.02	192.6	0.0568	470.58	0.032	221.2	0.7554
188.27	-0.025	191.7	0.0293	470.67	0.015	218.8	0.6054
188.30	-0.027	191	0.0044	470.75	-0.007	214.8	0.4296
188.33	-0.032	189.9	-0.0231	470.83	-0.02	211.5	0.2228
188.37	-0.037	189	-0.0231	470.92	-0.03	208.8	-0.0612
188.40	-0.039	189	-0.0479	471.00	-0.044	205.1	-0.2397
188.43	-0.039	188.3	-0.0657	471.08	-0.06	199.4	-0.4057
188.47	-0.041	187.4	-0.0843	471.17	-0.065	196.5	-0.5734
188.50	-0.046	186.5	-0.103	471.25	-0.071	194	-0.6435
188.53	-0.047	185.9	-0.1154	471.33	-0.073	192.5	-0.6799
188.57	-0.048	185.2	-0.1269	471.42	-0.073	191.5	-0.6968
188.60	-0.051	184.6	-0.1269	471.50	-0.071	191.2	-0.6977
188.63	-0.051	184.6	-0.1367	471.58	-0.063	191.6	-0.6879
188.67	-0.051	184.2	-0.1429	471.67	-0.051	193.3	-0.6666

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
188.70	-0.051	183.8	-0.1473	471.75	-0.044	195.2	-0.5974
188.73	-0.052	183.5	-0.15	471.83	-0.031	197.6	-0.5228
188.77	-0.051	183.3	-0.1509	471.92	-0.016	200.6	-0.4021
188.80	-0.05	183.1	-0.1509	472.00	-0.005	203.5	-0.2636
188.83	-0.049	183	-0.1491	472.08	0.011	206.7	-0.0826
188.87	-0.047	182.9	-0.1491	472.17	0.032	210.2	0.1305
188.90	-0.045	182.9	-0.1465	472.25	0.047	214.8	0.3311
188.93	-0.045	183	-0.1429	472.35	0.055	217.1	0.5858
188.97	-0.043	183.2	-0.1367	472.42	0.066	219.3	0.7261
189.00	-0.037	183.5	-0.1296	472.50	0.079	221.3	0.853
189.03	-0.036	183.6	-0.1225	472.58	0.084	223.4	0.9276
189.07	-0.033	184.1	-0.1101	472.67	0.086	224.4	0.9871
189.10	-0.025	184.7	-0.1101	472.75	0.086	225	1.0021
189.13	-0.022	184.7	-0.0941	472.83	0.083	225.4	1.0039
189.17	-0.022	185	-0.0826	472.92	0.079	225.4	0.9933
189.20	-0.02	185.6	-0.0648	473.00	0.07	225	0.9729
189.23	-0.012	186.4	-0.0408	473.08	0.053	223.7	0.932
189.27	-0.007	187.1	-0.0204	473.17	0.04	222.3	0.877
189.30	-0.005	187.7	0.0053	473.25	0.029	220.8	0.7296
189.33	0.003	188.8	0.0053	473.33	0.013	218.4	0.5814
189.37	0.009	189.5	0.0391	473.42	-0.002	215.8	0.3879
189.40	0.009	189.5	0.0648	473.50	-0.015	212.9	0.1811
189.43	0.012	190.2	0.0923	473.58	-0.031	209	-0.0435
189.48	0.022	191.9	0.1278	473.67	-0.049	203.5	-0.2352
189.52	0.025	191.9	0.1456	473.75	-0.058	199.8	-0.3897
189.53	0.025	192.6	0.1695	473.83	-0.063	197.4	-0.5468
189.57	0.029	193.5	0.1997	473.92	-0.07	194.5	-0.6249
189.60	0.037	194.4	0.2334	474.00	-0.073	192.1	-0.6702
189.63	0.04	195.1	0.2592	474.08	-0.072	191.4	-0.6924
189.67	0.042	196	0.2832	474.17	-0.07	191.2	-0.6941
189.70	0.049	196.8	0.2832	474.25	-0.063	191.8	-0.6808
189.73	0.051	196.8	0.3107	474.33	-0.056	193	-0.6524
189.77	0.051	197.5	0.3293	474.42	-0.046	194.5	-0.6089
189.80	0.053	198.1	0.3471	474.50	-0.032	197.2	-0.5352
189.83	0.057	198.9	0.3657	474.58	-0.012	201.3	-0.4323
189.87	0.059	199.4	0.379	474.67	0	204.6	-0.213
189.90	0.06	199.9	0.3897	474.75	0.014	207.6	-0.032
189.93	0.062	200.4	0.3897	474.83	0.03	211.1	0.1917
189.97	0.063	200.9	0.3986	474.92	0.043	214.3	0.4057
190.00	0.063	200.9	0.4048	475.00	0.055	216.8	0.5796
190.03	0.063	201.2	0.4092	475.08	0.07	219.1	0.7279
190.07	0.063	201.5	0.4119	475.17	0.079	222	0.8415
190.10	0.063	201.8	0.4128	475.27	0.082	223.2	0.9427
190.13	0.062	202	0.4128	475.33	0.085	224.2	0.98
190.17	0.061	202.1	0.4119	475.42	0.086	225	1.0013
190.20	0.058	202.2	0.4119	475.50	0.082	225.5	1.0048
190.23	0.057	202.2	0.4092	475.58	0.077	225.3	0.9897
190.27	0.057	202.2	0.4065	475.67	0.068	224.9	0.9675
190.30	0.055	202.2	0.4003	475.75	0.055	223.9	0.9223
190.33	0.049	202	0.3923	475.83	0.046	222.7	0.8583
190.37	0.047	201.8	0.3861	475.92	0.031	221.2	0.7634
190.40	0.044	201.6	0.3746	476.00	0.01	219.1	0.6196
190.43	0.038	201.2	0.3746	476.08	-0.006	215.2	0.4527
190.47	0.033	200.8	0.3613	476.17	-0.017	212	0.1394
190.50	0.033	200.8	0.3488	476.25	-0.033	208.4	-0.0817
190.53	0.031	200.5	0.332	476.33	-0.045	204.6	-0.2743
190.57	0.024	199.8	0.3089	476.42	-0.054	201.1	-0.4199
190.60	0.019	199.2	0.2876	476.50	-0.064	197.7	-0.5423
190.63	0.016	198.7	0.2636	476.58	-0.071	194.8	-0.6222
190.67	0.01	197.7	0.2317	476.68	-0.073	192.3	-0.6844
190.70	0.002	196.9	0.2317	476.75	-0.073	191.5	-0.6986
190.73	-0.001	196.9	0.2015	476.83	-0.071	191.2	-0.7003
190.77	-0.001	196.3	0.1775	476.92	-0.062	191.9	-0.6897

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
190.80	-0.005	195.3	0.1465	477.00	-0.053	193.4	-0.6675
190.83	-0.013	194.3	0.1118	477.08	-0.044	194.9	-0.6
190.87	-0.016	193.6	0.0852	477.17	-0.03	197.6	-0.5228
190.90	-0.02	192.5	0.0524	477.25	-0.017	200.5	-0.4074
190.95	-0.025	191.7	0.0293	477.33	-0.005	203.3	-0.2698
190.98	-0.028	191	0.008	477.42	0.011	206.9	-0.0861
191.00	-0.031	190.1	-0.0178	477.50	0.033	211.8	0.1296
191.03	-0.037	189.1	-0.0178	477.58	0.046	214.9	0.3355
191.07	-0.039	189.1	-0.0462	477.67	0.057	217.3	0.6169
191.10	-0.039	188.3	-0.0648	477.75	0.07	219.7	0.7705
191.13	-0.041	187.6	-0.0852	477.83	0.077	221.6	0.8708
191.17	-0.046	186.6	-0.103	477.92	0.082	222.9	0.9373
191.20	-0.048	185.9	-0.1163	478.00	0.086	224.1	0.9808
191.23	-0.048	185.4	-0.126	478.08	0.085	225.1	1.0004
191.27	-0.05	184.7	-0.126	478.18	0.084	225.5	1.0057
191.30	-0.052	184.2	-0.1367	478.25	0.079	225.5	0.9942
191.33	-0.052	184.2	-0.1438	478.33	0.066	225	0.9729
191.37	-0.051	183.9	-0.1473	478.42	0.053	223.7	0.9409
191.40	-0.051	183.6	-0.1491	478.50	0.043	222.4	0.8415
191.43	-0.051	183.3	-0.15	478.58	0.028	220.8	0.7367
191.47	-0.05	183.1	-0.1509	478.67	0.013	218.5	0.5858
191.50	-0.049	183	-0.15	478.75	0.001	215.9	0.4048
191.53	-0.047	183	-0.15	478.83	-0.015	213	0.1935
191.57	-0.045	183	-0.1473	478.92	-0.035	209.3	-0.0328
191.60	-0.045	183	-0.1429	479.00	-0.048	203.7	-0.2166
191.63	-0.043	183.2	-0.1367	479.08	-0.056	200.3	-0.45
191.67	-0.037	183.5	-0.1296	479.17	-0.064	197.2	-0.5592
191.70	-0.035	183.7	-0.1234	479.25	-0.071	194.4	-0.6364
191.73	-0.033	184	-0.111	479.33	-0.073	192.8	-0.6782
191.77	-0.026	184.7	-0.111	479.42	-0.073	191.7	-0.6959
191.80	-0.022	185.1	-0.0959	479.50	-0.069	191.3	-0.6995
191.83	-0.022	185.1	-0.0843	479.60	-0.064	191.8	-0.6861
191.87	-0.019	185.6	-0.0657	479.67	-0.058	192.7	-0.6613
191.90	-0.013	186.5	-0.0408	479.75	-0.046	194.6	-0.6169
191.93	-0.007	187.2	-0.0178	479.83	-0.027	197	-0.5432
191.97	-0.004	187.8	0.0044	479.92	-0.014	201.2	-0.4518
192.00	0.002	188.8	0.0373	480.00	-0.002	204.1	-0.2361
192.03	0.009	189.6	0.0373	480.08	0.015	207.6	-0.0462
192.07	0.012	189.6	0.0675	480.17	0.029	210.9	0.1704
192.10	0.012	190.3	0.0914	480.25	0.041	213.9	0.3755
192.13	0.016	191.3	0.1216	480.33	0.056	216.8	0.5779
192.17	0.024	192.2	0.1553	480.42	0.071	220.1	0.7252
192.20	0.027	192.9	0.182	480.50	0.079	222	0.8397
192.23	0.031	193.8	0.213	480.58	0.083	223.2	0.948
192.27	0.039	194.8	0.213	480.67	0.086	224.3	0.9862
192.30	0.042	194.8	0.2477	480.75	0.086	225	1.0013
192.33	0.042	195.5	0.2698	480.83	0.084	225.4	1.0021
192.38	0.048	196.9	0.2938	480.92	0.078	225.4	0.9942
192.42	0.051	197.6	0.3098	481.00	0.064	224.7	0.972
192.43	0.051	197.6	0.3275	481.10	0.058	224.1	0.9294
192.47	0.053	198.2	0.3462	481.17	0.047	223	0.8663
192.50	0.057	199	0.3666	481.25	0.025	221.2	0.7598
192.53	0.06	199.6	0.379	481.33	0.01	218.1	0.6356
192.57	0.06	200	0.3888	481.42	-0.003	215.3	0.3613
192.60	0.062	200.6	0.3986	481.50	-0.018	212.3	0.1465
192.63	0.063	201	0.3986	481.58	-0.033	208.5	-0.0781
192.67	0.063	201	0.4057	481.67	-0.042	204.9	-0.2574
192.70	0.063	201.3	0.4101	481.75	-0.055	201.2	-0.4225
192.73	0.063	201.6	0.4128	481.83	-0.066	197.9	-0.537
192.77	0.063	201.9	0.4136	481.92	-0.072	194	-0.6151
192.80	0.062	202.1	0.4136	482.00	-0.073	192.5	-0.6835
192.83	0.062	202.2	0.4128	482.08	-0.072	191.7	-0.6977
192.87	0.059	202.3	0.4128	482.17	-0.07	191.4	-0.6986

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
192.90	0.057	202.3	0.4092	482.25	-0.066	191.9	-0.6861
192.93	0.057	202.3	0.4057	482.33	-0.057	192.8	-0.6631
192.97	0.054	202.3	0.4003	482.42	-0.041	194.8	-0.6142
193.00	0.05	202.1	0.3932	482.52	-0.031	197.7	-0.5281
193.03	0.046	201.9	0.3852	482.58	-0.021	200.2	-0.4296
193.07	0.044	201.8	0.3755	482.67	-0.004	203.4	-0.2796
193.10	0.038	201.3	0.3755	482.75	0.017	206.8	-0.0985
193.13	0.033	200.9	0.363	482.83	0.032	211.7	0.1039
193.17	0.033	200.9	0.3488	482.92	0.044	214.6	0.419
193.20	0.031	200.6	0.332	483.00	0.058	217.4	0.6142
193.23	0.025	199.8	0.3089	483.08	0.069	219.7	0.7607
193.27	0.018	199.3	0.2858	483.17	0.075	221.5	0.8575
193.30	0.015	198.8	0.2654	483.25	0.082	223	0.9347
193.33	0.011	197.9	0.237	483.33	0.086	224.1	0.98
193.37	0.002	197.1	0.237	483.42	0.085	225.1	1.0004
193.40	-0.001	197.1	0.2024	483.50	0.083	225.5	1.003
193.43	-0.001	196.4	0.1784	483.58	0.076	225.4	0.9924
193.47	-0.005	195.4	0.1447	483.67	0.067	224.9	0.9684
193.50	-0.013	194.4	0.1083	483.75	0.059	224.3	0.9302
193.53	-0.017	193.6	0.0826	483.83	0.044	222.9	0.8646
193.57	-0.019	192.8	0.0541	483.92	0.024	220.3	0.7678
193.60	-0.027	191.7	0.0541	484.00	0.015	218.6	0.5947
193.63	-0.03	190.8	0.0204	484.08	0.001	216.3	0.4154
193.67	-0.03	190.8	-0.0044	484.17	-0.016	212.9	0.1873
193.70	-0.032	190	-0.0293	484.25	-0.037	207.5	-0.032
193.73	-0.037	188.9	-0.0568	484.33	-0.047	203.9	-0.2175
193.77	-0.041	188.1	-0.0781	484.42	-0.056	200.5	-0.4509
193.80	-0.042	187.4	-0.0923	484.50	-0.065	197	-0.5637
193.85	-0.045	186.6	-0.1056	484.58	-0.07	194.5	-0.6338
193.88	-0.047	186	-0.1163	484.67	-0.073	192.7	-0.6782
193.90	-0.048	185.4	-0.126	484.75	-0.072	191.7	-0.6959
193.93	-0.049	184.8	-0.1367	484.83	-0.069	191.4	-0.6995
193.97	-0.052	184.2	-0.1367	484.92	-0.064	192.1	-0.6817
194.00	-0.052	184.2	-0.1456	485.00	-0.055	193.1	-0.6542
194.03	-0.052	183.9	-0.1491	485.08	-0.042	195.2	-0.6018
194.07	-0.051	183.6	-0.1518	485.17	-0.034	197.5	-0.5335
194.10	-0.051	183.3	-0.1527	485.25	-0.02	200.1	-0.4314
194.13	-0.05	183.1	-0.1527	485.33	0.001	203.4	-0.2814
194.17	-0.049	183	-0.1518	485.43	0.013	207.7	-0.0657
194.20	-0.047	183	-0.1518	485.50	0.026	210.9	0.1438
194.23	-0.045	183.1	-0.1491	485.58	0.041	214	0.3657
194.27	-0.045	183.1	-0.1456	485.67	0.06	216.9	0.5734
194.30	-0.043	183.2	-0.1394	485.75	0.071	220.3	0.7137
194.33	-0.038	183.5	-0.1314	485.83	0.077	222	0.8823
194.37	-0.035	183.8	-0.1243	485.92	0.083	223.3	0.9462
194.40	-0.032	184.1	-0.1127	486.00	0.086	224.4	0.9879
194.43	-0.027	184.7	-0.0976	486.08	0.086	225.1	1.0039
194.47	-0.021	185.2	-0.0976	486.17	0.084	225.5	1.0057
194.50	-0.019	185.2	-0.0826	486.25	0.075	225.5	0.9977
194.53	-0.019	185.7	-0.0683	486.33	0.064	224.8	0.9773
194.57	-0.015	186.4	-0.047	486.42	0.057	224.1	0.9205
194.60	-0.006	187.3	-0.0195	486.50	0.042	222.8	0.8504
194.63	-0.004	187.9	0.0018	486.58	0.028	220.9	0.7394
194.67	0	188.7	0.0311	486.67	0.016	219.1	0.6063
194.70	0.009	189.6	0.0311	486.75	-0.001	216.4	0.4163
194.73	0.012	189.6	0.0648	486.85	-0.022	211.5	0.1012
194.77	0.012	190.3	0.0888	486.92	-0.031	208.6	-0.063
194.80	0.016	191.2	0.1189	487.00	-0.042	205.3	-0.2485
194.83	0.024	192.2	0.1553	487.08	-0.056	201.1	-0.4225
194.87	0.028	193	0.1829	487.17	-0.066	196.5	-0.5335
194.90	0.031	193.8	0.2121	487.25	-0.071	194	-0.6134
194.93	0.038	194.8	0.2121	487.33	-0.073	192.5	-0.6835
194.97	0.042	195.6	0.245	487.42	-0.073	191.6	-0.6986

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
195.00	0.042	195.6	0.2707	487.50	-0.071	191.4	-0.6986
195.03	0.044	196.3	0.2938	487.58	-0.066	191.6	-0.6861
195.07	0.049	197.2	0.3187	487.67	-0.056	193	-0.6622
195.10	0.053	197.9	0.3382	487.75	-0.04	195.8	-0.6151
195.13	0.055	198.5	0.3559	487.83	-0.03	198.3	-0.5042
195.17	0.058	199.2	0.371	487.92	-0.016	200.8	-0.4003
195.20	0.061	199.8	0.371	488.00	-0.002	204.2	-0.2477
195.23	0.061	199.8	0.3843	488.08	0.01	207.4	-0.0728
195.27	0.061	200.2	0.3923	488.17	0.026	210.6	0.1394
195.32	0.063	201.1	0.4012	488.25	0.047	213.9	0.3622
195.35	0.063	201.1	0.4057	488.35	0.057	217.5	0.6045
195.37	0.063	201.4	0.4101	488.42	0.065	219.7	0.7367
195.40	0.064	201.7	0.4136	488.50	0.076	221.7	0.8601
195.43	0.063	202	0.4145	488.58	0.084	223.1	0.932
195.47	0.062	202.2	0.4145	488.67	0.086	224.7	0.9746
195.50	0.062	202.3	0.4128	488.75	0.086	225.3	1.0021
195.53	0.059	202.4	0.4128	488.83	0.083	225.6	1.003
195.57	0.056	202.4	0.4101	488.92	0.076	225.5	0.9915
195.60	0.056	202.4	0.4065	489.00	0.07	225.2	0.9693
195.63	0.055	202.4	0.4012	489.08	0.058	224.4	0.932
195.67	0.051	202.2	0.3941	489.17	0.039	222.5	0.8672
195.70	0.046	202	0.3861	489.25	0.026	220.6	0.7802
195.73	0.044	201.8	0.3772	489.33	0.013	218.6	0.5699
195.77	0.04	201.4	0.3648	489.42	-0.004	215.8	0.3693
195.80	0.033	201	0.3648	489.50	-0.017	212.5	0.1518
195.83	0.03	201	0.3497	489.58	-0.03	209.3	-0.0515
195.87	0.03	200.6	0.3346	489.67	-0.044	205.2	-0.2574
195.90	0.027	200	0.3142	489.77	-0.057	200.1	-0.4669
195.93	0.018	199.4	0.2876	489.83	-0.064	197.2	-0.5566
195.97	0.015	198.9	0.2681	489.92	-0.069	194.8	-0.6302
196.00	0.011	198.1	0.2379	490.00	-0.073	192.8	-0.6808
196.03	0.002	197.2	0.2379	490.08	-0.072	191.5	-0.6995
196.07	-0.001	197.2	0.2033	490.17	-0.07	191.4	-0.7021
196.10	-0.001	196.5	0.1784	490.25	-0.064	191.8	-0.6879
196.13	-0.005	195.7	0.1482	490.33	-0.054	193.3	-0.6595
196.17	-0.012	194.6	0.1118	490.42	-0.046	195	-0.6134
196.20	-0.017	193.7	0.0834	490.50	-0.034	197.2	-0.5441
196.23	-0.019	192.9	0.055	490.58	-0.014	200.1	-0.4367
196.27	-0.026	191.7	0.0195	490.67	0.001	204.8	-0.3053
196.30	-0.031	190.8	0.0195	490.75	0.013	208.1	-0.0364
196.33	-0.031	190.8	-0.0071	490.83	0.03	211.2	0.1784
196.37	-0.033	190.1	-0.0293	490.92	0.044	214.5	0.403
196.40	-0.037	189	-0.0541	491.00	0.054	217.1	0.5779
196.43	-0.041	188.1	-0.0763	491.08	0.067	219.4	0.7359
196.47	-0.043	187.4	-0.0914	491.17	0.079	221.5	0.8521
196.50	-0.045	186.6	-0.1065	491.27	0.083	223.4	0.9418
196.53	-0.049	185.9	-0.1065	491.33	0.085	224.4	0.9791
196.57	-0.049	185.9	-0.1216	491.42	0.087	225.2	1.0013
196.60	-0.049	185.3	-0.1314	491.50	0.082	225.6	1.003
196.63	-0.05	184.7	-0.1402	491.58	0.075	225.5	0.9959
196.67	-0.052	184.3	-0.1465	491.67	0.068	225.1	0.964
196.70	-0.052	183.9	-0.15	491.75	0.055	224.2	0.9205
196.75	-0.051	183.6	-0.1527	491.83	0.044	222.8	0.8495
196.78	-0.051	183.4	-0.1536	491.92	0.032	221.5	0.7545
196.80	-0.05	183.2	-0.1536	492.00	0.015	219.1	0.6071
196.83	-0.049	183	-0.1527	492.08	-0.007	215.1	0.4287
196.87	-0.047	183.1	-0.1527	492.17	-0.02	211.8	0.2246
196.90	-0.044	183.2	-0.1491	492.25	-0.033	208.5	-0.0976
196.93	-0.044	183.2	-0.1456	492.33	-0.046	204.5	-0.2929
196.97	-0.043	183.2	-0.1394	492.42	-0.055	200.8	-0.4438
197.00	-0.039	183.6	-0.1323	492.50	-0.063	197.8	-0.5512
197.03	-0.035	183.8	-0.1243	492.58	-0.07	194.9	-0.6311
197.07	-0.032	184.1	-0.1145	492.68	-0.074	192.4	-0.6932

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
197.10	-0.029	184.7	-0.1012	492.75	-0.073	191.6	-0.7048
197.13	-0.021	185.2	-0.1012	492.83	-0.071	191.3	-0.7066
197.17	-0.019	185.2	-0.0852	492.92	-0.063	191.8	-0.695
197.20	-0.019	185.7	-0.0692	493.00	-0.051	193.6	-0.6719
197.23	-0.015	186.3	-0.0497	493.08	-0.044	195.5	-0.6036
197.27	-0.007	187.2	-0.0213	493.17	-0.031	197.7	-0.529
197.30	-0.004	187.9	0	493.25	-0.016	200.7	-0.4136
197.33	0	188.6	0.0293	493.33	-0.005	203.9	-0.2725
197.37	0.008	189.6	0.0293	493.42	0.011	207.1	-0.0923
197.40	0.013	190.4	0.063	493.50	0.032	210.5	0.126
197.43	0.013	190.4	0.0897	493.58	0.047	215.2	0.332
197.47	0.016	191.2	0.1189	493.67	0.057	217.7	0.616
197.50	0.023	192.2	0.1544	493.75	0.069	219.9	0.7643
197.53	0.029	193.1	0.1846	493.83	0.078	221.8	0.8708
197.57	0.031	193.8	0.2086	493.92	0.082	223.2	0.9382
197.60	0.035	194.8	0.2388	494.00	0.086	224.3	0.9826
197.63	0.042	195.7	0.2388	494.08	0.085	225.1	1.0004
197.67	0.044	195.7	0.2707	494.17	0.084	225.7	1.0057
197.70	0.044	196.4	0.292	494.25	0.079	225.7	0.995
197.73	0.048	197.2	0.3151	494.33	0.069	225.3	0.9746
197.77	0.053	197.9	0.3391	494.42	0.053	224	0.9347
197.80	0.055	198.5	0.3559	494.50	0.04	222.6	0.8797
197.83	0.056	199.1	0.3693	494.58	0.029	221	0.7288
197.87	0.06	199.8	0.3693	494.67	0.012	218.7	0.5761
197.90	0.062	200.3	0.3843	494.75	-0.002	216	0.3835
197.93	0.062	200.3	0.3941	494.83	-0.015	213.2	0.1775
197.97	0.062	200.7	0.4012	494.92	-0.031	209.3	-0.0479
198.00	0.063	201.1	0.4074	495.00	-0.049	203.7	-0.2406
198.03	0.064	201.5	0.4119	495.08	-0.058	200.1	-0.4003
198.07	0.064	201.8	0.4145	495.17	-0.064	197.3	-0.5681
198.10	0.063	202	0.4145	495.25	-0.071	194.5	-0.6462
198.13	0.062	202.2	0.4145	495.33	-0.073	192.8	-0.687
198.17	0.06	202.2	0.4145	495.42	-0.073	191.8	-0.7039
198.22	0.06	202.5	0.4119	495.50	-0.069	191.5	-0.7066
198.25	0.056	202.5	0.4119	495.60	-0.064	191.9	-0.6941
198.27	0.055	202.5	0.4083	495.67	-0.057	193.1	-0.6675
198.30	0.055	202.4	0.403	495.75	-0.046	194.7	-0.624
198.33	0.052	202.3	0.3959	495.83	-0.028	197.3	-0.5477
198.37	0.046	202	0.387	495.92	-0.013	201.4	-0.4545
198.40	0.044	201.9	0.3781	496.00	-0.002	204.6	-0.2388
198.43	0.041	201.6	0.3666	496.08	0.014	207.8	-0.0479
198.47	0.033	201.1	0.3666	496.17	0.029	211.2	0.1704
198.50	0.03	200.7	0.3497	496.25	0.041	214.3	0.3719
198.53	0.03	200.7	0.3355	496.33	0.056	217	0.5761
198.57	0.027	200.3	0.316	496.42	0.071	219.4	0.7288
198.60	0.02	199.5	0.2903	496.50	0.079	222.2	0.8362
198.63	0.014	198.9	0.2672	496.58	0.083	223.5	0.948
198.67	0.011	198.3	0.2406	496.67	0.086	224.5	0.9871
198.70	0.005	197.2	0.205	496.75	0.086	225.2	1.0013
198.73	-0.003	196.4	0.205	496.83	0.084	225.6	1.003
198.77	-0.005	196.4	0.174	496.92	0.078	225.6	0.995
198.80	-0.005	195.8	0.15	497.02	0.065	225	0.9613
198.83	-0.009	194.7	0.1181	497.08	0.057	224.3	0.924
198.87	-0.017	193.7	0.0834	497.17	0.047	223.3	0.8619
198.90	-0.02	192.9	0.0586	497.25	0.03	221.5	0.7589
198.93	-0.024	191.9	0.0275	497.33	0.009	218.2	0.6205
198.97	-0.031	190.9	0.0275	497.42	-0.005	215.4	0.4509
199.00	-0.033	190.9	-0.0062	497.50	-0.018	212.4	0.1278
199.03	-0.033	190.1	-0.0275	497.58	-0.034	208.5	-0.0932
199.07	-0.036	189.2	-0.0506	497.67	-0.044	204.9	-0.2769
199.10	-0.041	188.3	-0.0754	497.75	-0.054	201.4	-0.4305
199.13	-0.043	187.5	-0.0914	497.83	-0.064	197.8	-0.5512
199.17	-0.045	186.7	-0.1065	497.92	-0.072	194.1	-0.6267

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
199.20	-0.048	185.9	-0.1065	498.00	-0.073	192.5	-0.6764
199.23	-0.05	185.4	-0.1225	498.08	-0.073	191.7	-0.7048
199.27	-0.05	185.4	-0.1314	498.17	-0.07	191.5	-0.7057
199.30	-0.05	184.9	-0.1394	498.25	-0.064	192.2	-0.6915
199.33	-0.051	184.4	-0.1456	498.33	-0.058	193	-0.6675
199.37	-0.052	184	-0.15	498.42	-0.044	195	-0.6196
199.40	-0.051	183.7	-0.1518	498.52	-0.03	198.1	-0.5264
199.43	-0.051	183.5	-0.1518	498.58	-0.02	200.7	-0.4296
199.47	-0.05	183.3	-0.1518	498.67	-0.005	203.6	-0.2858
199.50	-0.049	183.3	-0.1527	498.75	0.017	207.1	-0.0985
199.53	-0.049	183.2	-0.1509	498.83	0.032	211.9	0.103
199.57	-0.047	183.3	-0.1473	498.92	0.044	215.1	0.4207
199.60	-0.043	183.4	-0.1429	499.00	0.058	217.6	0.6116
199.65	-0.041	183.4	-0.1394	499.08	0.069	220	0.7598
199.68	-0.04	183.6	-0.134	499.17	0.076	221.9	0.8619
199.70	-0.035	183.9	-0.1252	499.25	0.082	223.3	0.9338
199.73	-0.032	184.2	-0.1154	499.33	0.086	224.4	0.9808
199.77	-0.029	184.7	-0.1012	499.42	0.085	225.4	0.9995
199.80	-0.021	185.3	-0.1012	499.50	0.083	225.7	1.003
199.83	-0.019	185.3	-0.0843	499.58	0.077	225.7	0.9915
199.87	-0.019	185.7	-0.0701	499.67	0.066	225.1	0.9658
199.90	-0.015	186.3	-0.0488	499.75	0.059	224.3	0.9267
199.93	-0.008	187.3	-0.0213	499.83	0.046	223.2	0.8654
199.97	-0.003	188	0.0027	499.93	0.028	220.9	0.727
200.00	0.001	188.7	0.0293	500.00	0.013	218.8	0.5876
200.03	0.006	189.7	0.0621	500.08	0.001	216.4	0.4057
200.07	0.013	190.5	0.0621	500.17	-0.016	213.2	0.1873
200.10	0.017	190.5	0.0923	500.25	-0.036	209.6	-0.0328
200.13	0.017	191.3	0.1181	500.33	-0.047	204	-0.2192
200.17	0.021	192.2	0.1482	500.42	-0.056	200.6	-0.4589
200.20	0.029	193.1	0.1829	500.50	-0.065	197.3	-0.5672
200.23	0.032	193.9	0.2095	500.58	-0.07	194.6	-0.6418
200.27	0.035	194.8	0.2379	500.67	-0.073	193	-0.6853
200.30	0.043	195.7	0.2379	500.75	-0.073	191.9	-0.7057
200.33	0.045	195.7	0.2716	500.83	-0.069	191.6	-0.7074
200.37	0.045	196.4	0.2929	500.92	-0.062	192.4	-0.6977
200.40	0.047	197.2	0.3151	501.00	-0.055	193.3	-0.6595
200.43	0.053	198	0.3391	501.08	-0.042	195.5	-0.6098
200.47	0.055	198.6	0.3551	501.17	-0.032	197.9	-0.5335
200.50	0.057	199.2	0.3693	501.25	-0.02	200.3	-0.4332
200.53	0.06	199.9	0.3693	501.33	-0.004	203.8	-0.2796
200.57	0.061	200.3	0.3843	501.43	0.014	208.1	-0.063
200.60	0.061	200.3	0.395	501.50	0.028	211.4	0.1642
200.63	0.062	200.8	0.4021	501.58	0.042	214.4	0.3755
200.67	0.063	201.2	0.4092	501.67	0.056	217.2	0.5787
200.70	0.064	201.6	0.4136	501.75	0.072	220.6	0.7288
200.73	0.063	201.8	0.4154	501.83	0.078	222.4	0.8859
200.77	0.063	202.1	0.4154	501.92	0.083	223.7	0.9498
200.80	0.062	202.3	0.4154	502.00	0.087	224.8	0.9879
200.83	0.061	202.3	0.4154	502.08	0.086	225.4	1.003
200.87	0.061	202.4	0.4145	502.17	0.084	225.7	1.0048
200.90	0.059	202.5	0.411	502.25	0.076	225.7	0.9968
200.93	0.055	202.4	0.4065	502.33	0.064	225.1	0.9764
200.97	0.053	202.4	0.4012	502.42	0.057	224.1	0.916
201.00	0.051	202.3	0.3932	502.50	0.043	223	0.8486
201.03	0.045	201.9	0.3932	502.58	0.028	221.1	0.7367
201.07	0.042	201.7	0.3835	502.67	0.017	219	0.6
201.12	0.041	201.7	0.3675	502.75	0	216.7	0.4181
201.15	0.035	201.2	0.3533	502.85	-0.019	212.4	0.1349
201.17	0.029	200.7	0.3533	502.92	-0.033	208.8	-0.0763
201.20	0.027	200.7	0.3364	503.00	-0.042	205.3	-0.2583
201.23	0.027	200.3	0.3204	503.08	-0.055	201.4	-0.4261
201.27	0.022	199.6	0.2956	503.17	-0.066	198.1	-0.5432

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
201.30	0.014	198.9	0.2672	503.25	-0.071	194.2	-0.6205
201.33	0.011	198.3	0.2441	503.33	-0.073	192.7	-0.6924
201.37	0.007	197.5	0.213	503.42	-0.073	191.8	-0.7066
201.40	-0.003	196.6	0.213	503.50	-0.07	191.6	-0.7066
201.43	-0.005	196.6	0.1766	503.58	-0.066	191.9	-0.6941
201.47	-0.005	195.9	0.1527	503.67	-0.057	193.1	-0.6719
201.50	-0.009	195	0.1225	503.75	-0.041	195.9	-0.6222
201.53	-0.017	193.9	0.0852	503.83	-0.028	198.5	-0.561
201.57	-0.021	193	0.0577	503.92	-0.017	201	-0.4065
201.60	-0.024	192.2	0.0293	504.00	-0.001	204.5	-0.2459
201.63	-0.03	191	0.0293	504.08	0.013	207.8	-0.0612
201.67	-0.034	190.2	-0.0027	504.17	0.026	210.9	0.1465
201.70	-0.034	190.2	-0.0266	504.25	0.042	214.2	0.3719
201.73	-0.035	189.4	-0.0479	504.33	0.057	217.9	0.6
201.77	-0.04	188.3	-0.0737	504.42	0.068	220.2	0.7554
201.80	-0.044	187.5	-0.0923	504.50	0.076	221.9	0.8637
201.83	-0.045	186.9	-0.1056	504.58	0.082	223.4	0.9338
201.87	-0.047	186.1	-0.1189	504.67	0.086	225	0.9791
201.90	-0.05	185.5	-0.1189	504.75	0.086	225.6	1.0048
201.93	-0.05	185.5	-0.1323	504.83	0.083	225.9	1.0048
201.97	-0.05	185	-0.1394	504.92	0.076	225.8	0.9933
202.00	-0.051	184.5	-0.1456	505.00	0.069	225.3	0.9702
202.03	-0.051	184.1	-0.15	505.08	0.059	224.6	0.9338
202.07	-0.051	183.8	-0.1518	505.17	0.04	223.3	0.8663
202.10	-0.051	183.6	-0.1527	505.25	0.024	220.7	0.7758
202.13	-0.05	183.4	-0.1527	505.33	0.014	218.6	0.5681
202.17	-0.048	183.3	-0.1536	505.42	-0.003	216	0.3746
202.20	-0.048	183.3	-0.1509	505.50	-0.018	212.8	0.1518
202.23	-0.047	183.2	-0.1482	505.58	-0.029	209.3	-0.055
202.27	-0.045	183.5	-0.1429	505.67	-0.043	205.6	-0.2512
202.30	-0.04	183.6	-0.1376	505.77	-0.057	200.4	-0.466
202.33	-0.038	183.7	-0.1314	505.83	-0.065	197.4	-0.5628
202.37	-0.036	184.2	-0.1225	505.92	-0.069	194.9	-0.6347
202.40	-0.029	184.6	-0.1225	506.00	-0.073	193.1	-0.6844
202.43	-0.027	184.6	-0.1092	506.08	-0.072	192	-0.7039
202.47	-0.027	184.9	-0.0976	506.17	-0.069	191.6	-0.7066
202.50	-0.023	185.5	-0.0817	506.25	-0.064	192.2	-0.6897
202.53	-0.015	186.2	-0.0595	506.33	-0.055	193.4	-0.6631
202.58	-0.012	186.7	-0.0453	506.42	-0.043	195.5	-0.6098
202.62	-0.011	187.1	-0.0311	506.50	-0.034	197.5	-0.5415
202.65	-0.006	188.1	-0.0036	506.58	-0.019	200.4	-0.4376
202.68	0.002	188.9	0.0275	506.67	0.002	203.5	-0.2947
202.70	0.006	189.5	0.0515	506.75	0.016	208.5	-0.1252
202.73	0.009	190.4	0.0817	506.83	0.029	211.6	0.1882
202.77	0.018	191.4	0.0817	506.92	0.045	214.9	0.4145
202.80	0.021	191.4	0.1172	507.00	0.057	217.6	0.6018
202.83	0.021	192.1	0.1429	507.08	0.066	219.7	0.7438
202.87	0.025	193	0.174	507.18	0.078	222.5	0.8903
202.90	0.032	194	0.2086	507.25	0.083	223.8	0.9427
202.93	0.036	194.8	0.2361	507.33	0.086	224.9	0.9853
202.97	0.039	195.6	0.2627	507.42	0.086	225.5	1.0048
203.00	0.045	196.5	0.2627	507.50	0.084	225.8	1.0066
203.03	0.048	196.5	0.292	507.58	0.074	225.8	0.9977
203.07	0.048	197.2	0.3133	507.67	0.066	225.2	0.9791
203.10	0.051	197.9	0.3355	507.75	0.057	224.5	0.9205
203.13	0.056	198.7	0.3568	507.83	0.042	223	0.8468
203.17	0.057	199.2	0.3701	507.92	0.03	221.2	0.7403
203.20	0.059	199.8	0.3835	508.00	0.016	219.4	0.6098
203.23	0.062	200.4	0.3835	508.08	-0.006	216.9	0.4296
203.27	0.062	200.4	0.395	508.17	-0.021	212	0.2255
203.30	0.062	200.9	0.4021	508.25	-0.032	208.5	-0.0968
203.33	0.063	201.3	0.4092	508.33	-0.046	204.9	-0.2903
203.37	0.064	201.7	0.4145	508.42	-0.057	200.9	-0.4518

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
203.40	0.063	201.9	0.4163	508.50	-0.063	197.9	-0.5521
203.43	0.063	202.2	0.4172	508.58	-0.069	195.2	-0.6329
203.47	0.062	202.4	0.4172	508.68	-0.073	192.6	-0.6977
203.50	0.061	202.5	0.4172	508.75	-0.073	191.9	-0.7092
203.53	0.059	202.5	0.4163	508.83	-0.071	191.5	-0.7101
203.57	0.059	202.6	0.4128	508.92	-0.065	191.9	-0.6995
203.60	0.057	202.5	0.4083	509.00	-0.053	193.1	-0.6737
203.63	0.052	202.5	0.4021	509.08	-0.04	195.9	-0.6338
203.67	0.05	202.4	0.3968	509.17	-0.032	198.1	-0.5264
203.70	0.047	202.3	0.3897	509.25	-0.016	201	-0.4128
203.73	0.044	201.9	0.3772	509.33	-0.002	204.3	-0.2574
203.77	0.037	201.5	0.3772	509.42	0.01	207.5	-0.0834
203.80	0.035	201.3	0.3648	509.50	0.027	210.9	0.1376
203.83	0.031	201.3	0.3559	509.58	0.048	215.5	0.3542
203.87	0.031	200.9	0.3382	509.67	0.059	218.1	0.5406
203.90	0.026	200.2	0.316	509.75	0.068	220.2	0.7722
203.93	0.018	199.6	0.2911	509.83	0.078	222.2	0.877
203.97	0.016	199.1	0.2707	509.92	0.083	223.6	0.9453
204.02	0.012	198.5	0.2521	510.00	0.085	224.6	0.9835
204.05	0.007	197.9	0.229	510.10	0.086	225.6	1.0066
204.08	0.002	197.2	0.1979	510.17	0.083	225.9	1.0066
204.12	-0.003	196.1	0.1616	510.25	0.078	225.8	0.995
204.13	-0.011	195.1	0.1616	510.33	0.07	225.6	0.9737
204.17	-0.014	195.1	0.1252	510.42	0.057	224.6	0.9338
204.20	-0.014	194.3	0.0994	510.50	0.038	222.7	0.8699
204.23	-0.018	193.3	0.0675	510.58	0.029	221	0.727
204.27	-0.025	192.3	0.0311	510.67	0.013	218.9	0.5779
204.30	-0.028	191.5	0.0071	510.75	-0.003	216.2	0.3808
204.33	-0.031	190.4	-0.0204	510.83	-0.014	213.1	0.1793
204.37	-0.037	189.5	-0.0204	510.92	-0.03	209.7	-0.0399
204.40	-0.039	189.5	-0.0479	511.00	-0.048	205.8	-0.2477
204.43	-0.039	188.7	-0.0666	511.08	-0.059	200.2	-0.403
204.47	-0.041	187.8	-0.0861	511.17	-0.064	197.3	-0.5725
204.50	-0.046	187	-0.1056	511.25	-0.07	194.7	-0.6471
204.53	-0.047	186.3	-0.1181	511.33	-0.073	192.9	-0.6906
204.57	-0.048	185.7	-0.1287	511.42	-0.073	192	-0.7066
204.60	-0.051	185.1	-0.1287	511.50	-0.071	191.7	-0.7092
204.63	-0.051	185.1	-0.1385	511.60	-0.064	192.1	-0.695
204.67	-0.051	184.6	-0.1438	511.67	-0.054	193.6	-0.6648
204.70	-0.052	184.2	-0.1491	511.75	-0.047	195.2	-0.6187
204.73	-0.051	183.9	-0.1518	511.83	-0.033	197.5	-0.5512
204.77	-0.051	183.7	-0.1527	511.92	-0.013	200.3	-0.4447
204.80	-0.05	183.5	-0.1527	512.00	0.001	205.1	-0.3098
204.83	-0.049	183.4	-0.1527	512.08	0.013	208.3	-0.0391
204.87	-0.047	183.4	-0.1509	512.17	0.03	211.6	0.1793
204.90	-0.047	183.4	-0.1482	512.25	0.044	214.8	0.4003
204.93	-0.045	183.4	-0.1438	512.33	0.054	217.4	0.5787
204.97	-0.041	183.7	-0.1376	512.42	0.068	219.8	0.7421
205.00	-0.038	183.9	-0.1314	512.50	0.079	221.8	0.8548
205.03	-0.036	184.1	-0.1225	512.58	0.084	223.9	0.9258
205.07	-0.03	184.6	-0.1225	512.67	0.086	224.9	0.9897
205.10	-0.026	185	-0.1101	512.75	0.086	225.5	1.0057
205.13	-0.026	185	-0.0976	512.83	0.084	225.8	1.0066
205.17	-0.023	185.4	-0.0817	512.92	0.079	225.9	0.9968
205.20	-0.016	186.3	-0.0595	513.02	0.068	225.4	0.9684
205.23	-0.011	186.9	-0.0408	513.08	0.056	224.5	0.9267
205.27	-0.009	187.6	-0.0169	513.17	0.044	223.1	0.8521
205.30	-0.001	188.5	-0.0169	513.25	0.032	221.7	0.7572
205.33	0.004	188.5	0.0124	513.33	0.015	219.3	0.608
205.37	0.004	189.2	0.0391	513.42	-0.007	215.4	0.427
205.40	0.007	190	0.0675	513.50	-0.02	212.1	0.2255
205.43	0.015	191	0.1039	513.58	-0.033	208.8	-0.0985
205.48	0.02	191.8	0.1314	513.67	-0.046	204.7	-0.2991

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
205.52	0.021	192.4	0.1482	513.75	-0.055	201	-0.4491
205.55	0.027	193.3	0.1793	513.83	-0.063	198	-0.5548
205.58	0.032	194.1	0.2077	513.92	-0.07	195.1	-0.6373
205.60	0.035	194.9	0.237	514.00	-0.073	192.6	-0.6835
205.63	0.042	196	0.237	514.08	-0.073	191.9	-0.7083
205.67	0.045	196	0.2716	514.17	-0.07	191.6	-0.7083
205.70	0.045	196.7	0.2929	514.25	-0.063	192.3	-0.6959
205.73	0.047	197.4	0.316	514.33	-0.057	193.4	-0.6693
205.77	0.052	198.2	0.34	514.42	-0.046	195	-0.6258
205.80	0.055	198.8	0.3568	514.50	-0.031	198	-0.5361
205.83	0.057	199.4	0.371	514.58	-0.016	201	-0.419
205.87	0.06	200.1	0.371	514.67	-0.005	204.2	-0.2761
205.90	0.061	200.1	0.3852	514.75	0.011	207.4	-0.0923
205.93	0.061	200.5	0.395	514.83	0.032	210.8	0.126
205.97	0.062	201	0.403	514.92	0.047	215.4	0.3275
206.00	0.063	201.4	0.4101	515.00	0.057	218	0.6151
206.03	0.064	201.8	0.4145	515.08	0.069	220.2	0.7687
206.07	0.063	202.1	0.4163	515.17	0.078	222.2	0.8761
206.10	0.063	202.3	0.4163	515.25	0.081	223.5	0.9382
206.13	0.062	202.5	0.4163	515.33	0.086	224.6	0.9817
206.17	0.062	202.5	0.4163	515.42	0.085	225.4	1.0013
206.20	0.061	202.7	0.4145	515.50	0.083	225.9	1.0057
206.23	0.059	202.7	0.4119	515.58	0.077	225.9	0.9915
206.27	0.055	202.6	0.4074	515.67	0.067	225.4	0.9684
206.30	0.053	202.6	0.4021	515.75	0.056	224.4	0.924
206.33	0.05	202.4	0.3941	515.83	0.046	223.4	0.8628
206.37	0.044	202.2	0.3941	515.93	0.028	221.1	0.7234
206.40	0.042	202.2	0.3843	516.00	0.013	218.9	0.5823
206.43	0.042	202	0.3746	516.08	-0.001	216.2	0.3843
206.47	0.039	201.6	0.3622	516.17	-0.015	213.4	0.1766
206.50	0.031	201.1	0.3435	516.25	-0.031	209.5	-0.0541
206.53	0.028	200.7	0.3293	516.33	-0.049	203.9	-0.245
206.57	0.025	200.3	0.3089	516.42	-0.057	200.2	-0.4039
206.60	0.018	199.4	0.2805	516.50	-0.064	197.4	-0.5779
206.63	0.011	198.8	0.2805	516.58	-0.07	194.7	-0.6506
206.67	0.009	198.8	0.2556	516.67	-0.073	192.9	-0.6924
206.70	0.009	198.2	0.2326	516.75	-0.073	192	-0.7101
206.73	0.004	197.3	0.2024	516.83	-0.071	191.7	-0.7119
206.77	-0.004	196.4	0.1651	516.92	-0.062	192.5	-0.7012
206.80	-0.007	195.7	0.1394	517.00	-0.054	193.9	-0.6604
206.83	-0.011	194.6	0.1065	517.08	-0.044	195.5	-0.6116
206.87	-0.019	193.6	0.1065	517.17	-0.03	198.3	-0.5308
206.92	-0.02	192.9	0.0515	517.25	-0.019	201.1	-0.4199
206.95	-0.024	192	0.0249	517.35	0.001	205.3	-0.2263
206.97	-0.031	191	0.0249	517.42	0.013	208.2	-0.0639
207.00	-0.033	191	-0.0053	517.50	0.029	211.6	0.1678
207.03	-0.033	190.3	-0.0266	517.58	0.041	214.8	0.3764
207.07	-0.035	189.4	-0.0497	517.67	0.055	217.4	0.5716
207.10	-0.041	188.4	-0.0763	517.75	0.071	219.8	0.7332
207.13	-0.043	187.7	-0.0914	517.83	0.079	222.6	0.8433
207.17	-0.045	187	-0.1074	517.92	0.083	223.9	0.9516
207.20	-0.048	186.1	-0.1074	518.00	0.086	224.9	0.9897
207.23	-0.05	185.5	-0.1234	518.08	0.086	225.6	1.0048
207.27	-0.05	185.5	-0.1331	518.17	0.084	225.9	1.0057
207.30	-0.05	185	-0.1411	518.25	0.079	226	0.9977
207.33	-0.051	184.5	-0.1473	518.33	0.065	225.5	0.9746
207.37	-0.052	184.2	-0.1509	518.42	0.053	224.2	0.9418
207.40	-0.051	183.9	-0.1527	518.50	0.044	223.1	0.8415
207.43	-0.051	183.7	-0.1527	518.58	0.027	221.3	0.7341
207.47	-0.05	183.5	-0.1536	518.67	0.014	219.1	0.5876
207.50	-0.05	183.5	-0.1536	518.75	0	216.7	0.403
207.53	-0.048	183.4	-0.1509	518.85	-0.018	212.5	0.1216
207.57	-0.046	183.5	-0.1473	518.92	-0.033	208.8	-0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
207.60	-0.043	183.6	-0.1438	519.00	-0.044	205	-0.2823
207.63	-0.041	183.6	-0.1367	519.08	-0.055	201.5	-0.4376
207.67	-0.037	184.1	-0.1367	519.17	-0.064	198	-0.5539
207.70	-0.033	184.4	-0.1287	519.25	-0.072	194.2	-0.6329
207.73	-0.033	184.4	-0.1198	519.33	-0.073	192.8	-0.6817
207.77	-0.031	184.6	-0.1083	519.42	-0.073	191.9	-0.7101
207.80	-0.025	185.3	-0.0914	519.50	-0.07	191.7	-0.7101
207.83	-0.02	185.9	-0.0763	519.58	-0.064	192.4	-0.6959
207.87	-0.017	186.3	-0.0586	519.67	-0.057	193.2	-0.6728
207.90	-0.011	187.3	-0.0337	519.75	-0.044	195.2	-0.6249
207.93	-0.004	188	-0.0337	519.83	-0.027	198.9	-0.5557
207.97	-0.004	188	-0.008	519.92	-0.016	201.7	-0.3932
208.00	-0.002	188.6	0.0169	520.00	-0.001	204.7	-0.245
208.03	0.005	189.6	0.0488	520.08	0.014	208.1	-0.0621
208.07	0.011	190.4	0.079	520.17	0.026	211.4	0.1473
208.10	0.014	191.2	0.1056	520.27	0.044	215.6	0.427
208.13	0.02	192.2	0.1402	520.33	0.057	218	0.5983
208.17	0.027	193.1	0.1402	520.42	0.069	220.4	0.7634
208.20	0.027	193.1	0.1731	520.50	0.075	222.3	0.8637
208.23	0.029	193.8	0.2006	520.58	0.082	223.6	0.9365
208.27	0.035	194.8	0.2343	520.67	0.086	224.8	0.9817
208.30	0.041	195.7	0.2636	520.75	0.085	225.7	1.0021
208.33	0.043	196.4	0.2867	520.83	0.083	226	1.0048
208.38	0.046	197.1	0.3045	520.92	0.077	226	0.9933
208.42	0.049	197.8	0.3204	521.00	0.066	225.4	0.9684
208.43	0.051	198.4	0.3382	521.08	0.059	224.6	0.9294
208.47	0.054	199.1	0.3586	521.17	0.046	223.6	0.8663
208.50	0.058	199.8	0.3586	521.25	0.025	221.8	0.7643
208.53	0.06	199.8	0.3764	521.33	0.011	218.7	0.64
208.57	0.06	200.3	0.387	521.42	-0.002	216	0.3595
208.60	0.061	200.8	0.3977	521.50	-0.019	212.8	0.1402
208.63	0.063	201.2	0.4057	521.58	-0.032	209.1	-0.0834
208.67	0.063	201.6	0.411	521.67	-0.042	205.7	-0.2619
208.70	0.063	202	0.4145	521.77	-0.056	200.6	-0.4678
208.73	0.063	202.2	0.4145	521.83	-0.065	197.5	-0.5699
208.77	0.063	202.2	0.4163	521.92	-0.07	194.7	-0.6471
208.80	0.063	202.5	0.4172	522.00	-0.072	193.1	-0.6906
208.83	0.062	202.6	0.4172	522.08	-0.073	192.1	-0.7092
208.87	0.06	202.7	0.4154	522.17	-0.069	191.7	-0.7119
208.90	0.058	202.8	0.411	522.25	-0.062	192.5	-0.7021
208.93	0.056	202.7	0.4065	522.33	-0.056	193.4	-0.6657
208.97	0.051	202.6	0.4065	522.42	-0.042	195.7	-0.6142
209.00	0.049	202.6	0.3994	522.50	-0.032	198	-0.5388
209.03	0.049	202.5	0.3932	522.58	-0.02	200.5	-0.4367
209.07	0.046	202.2	0.3835	522.67	-0.003	204	-0.2805
209.10	0.039	201.8	0.3701	522.75	0.018	208.9	-0.1021
209.13	0.036	201.6	0.3586	522.83	0.031	212.3	0.2139
209.17	0.033	201.1	0.3409	522.92	0.044	215.1	0.4181
209.20	0.024	200.5	0.3409	523.00	0.059	218	0.6169
209.23	0.022	200.5	0.3187	523.08	0.067	220.3	0.758
209.27	0.022	200.1	0.3018	523.18	0.078	222.8	0.8939
209.30	0.018	199.4	0.2769	523.25	0.083	224	0.948
209.33	0.009	198.6	0.2423	523.33	0.087	225.1	0.9888
209.37	0.005	197.9	0.2192	523.42	0.086	225.7	1.0039
209.40	0.002	197.1	0.1891	523.50	0.084	226	1.0057
209.43	-0.006	196.1	0.1891	523.58	0.075	226	0.9977
209.47	-0.01	196.1	0.1518	523.67	0.064	225.4	0.9782
209.50	-0.01	195.3	0.126	523.75	0.057	224.4	0.9187
209.53	-0.013	194.4	0.095	523.83	0.043	223.3	0.8504
209.57	-0.021	193.3	0.0577	523.92	0.027	221.4	0.7367
209.60	-0.025	192.5	0.032	524.00	0.017	219.3	0.6027
209.63	-0.027	191.6	0.0044	524.08	0	216.9	0.4172
209.67	-0.033	190.5	0.0044	524.17	-0.021	213.7	0.1962

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
209.70	-0.036	190.5	-0.0257	524.25	-0.035	208.3	-0.0098
209.73	-0.036	189.7	-0.0488	524.33	-0.045	204.7	-0.3036
209.77	-0.038	188.8	-0.0701	524.42	-0.057	200.9	-0.4607
209.82	-0.045	187.8	-0.0923	524.50	-0.065	197.7	-0.569
209.85	-0.045	187.3	-0.1039	524.58	-0.069	195.2	-0.6391
209.87	-0.046	186.5	-0.1163	524.67	-0.073	192.7	-0.6995
209.90	-0.049	185.8	-0.1296	524.75	-0.073	191.9	-0.7119
209.93	-0.05	185.3	-0.1376	524.83	-0.07	191.6	-0.7128
209.97	-0.051	184.8	-0.1438	524.92	-0.066	192	-0.7003
210.00	-0.051	184.4	-0.1438	525.00	-0.057	193.2	-0.6764
210.03	-0.051	184.1	-0.1491	525.08	-0.04	196.1	-0.6284
210.07	-0.051	184.1	-0.1518	525.17	-0.029	198.7	-0.5663
210.10	-0.051	183.8	-0.1536	525.25	-0.017	201.2	-0.4083
210.13	-0.05	183.6	-0.1536	525.33	0	204.7	-0.245
210.17	-0.049	183.5	-0.1536	525.42	0.012	208	-0.0639
210.20	-0.048	183.4	-0.15	525.50	0.026	211.1	0.142
210.23	-0.044	183.5	-0.15	525.58	0.042	214.5	0.3737
210.27	-0.042	183.6	-0.1465	525.67	0.061	218.5	0.5681
210.30	-0.042	183.6	-0.142	525.75	0.07	220.7	0.7146
210.33	-0.04	183.8	-0.134	525.83	0.077	222.4	0.8841
210.37	-0.035	184.2	-0.1252	525.92	0.083	223.8	0.9516
210.40	-0.032	184.5	-0.1154	526.00	0.086	224.9	0.9906
210.43	-0.029	184.9	-0.103	526.10	0.086	225.8	1.0119
210.47	-0.022	185.6	-0.103	526.17	0.083	226.1	1.011
210.50	-0.018	186.1	-0.087	526.25	0.076	226	1.0004
210.53	-0.018	186.1	-0.0701	526.33	0.07	225.5	0.9764
210.57	-0.015	186.7	-0.0497	526.42	0.059	224.9	0.9409
210.60	-0.007	187.6	-0.0213	526.50	0.04	223.5	0.8708
210.63	-0.003	188.3	0.0009	526.58	0.025	221	0.7811
210.67	0	189	0.0275	526.67	0.014	218.8	0.5716
210.70	0.008	190	0.0275	526.75	-0.003	216.3	0.3746
210.73	0.013	190.8	0.063	526.83	-0.018	213	0.1544
210.77	0.013	190.8	0.0914	526.92	-0.029	209.6	-0.0524
210.80	0.016	191.5	0.1198	527.00	-0.043	205.8	-0.2548
210.83	0.023	192.6	0.1562	527.08	-0.059	201.8	-0.4243
210.87	0.028	193.4	0.1846	527.17	-0.067	197	-0.537
210.90	0.031	194.2	0.213	527.25	-0.07	194.8	-0.6489
210.93	0.038	195.2	0.213	527.33	-0.073	193	-0.6897
210.97	0.042	196.1	0.2485	527.42	-0.073	192.1	-0.7039
211.00	0.042	196.1	0.2752	527.52	-0.069	191.8	-0.7066
211.03	0.044	196.8	0.2974	527.58	-0.064	192.2	-0.6906
211.07	0.049	197.7	0.3231	527.67	-0.054	193.6	-0.664
211.10	0.053	198.3	0.3426	527.75	-0.044	195.6	-0.6116
211.13	0.054	198.9	0.3595	527.83	-0.034	197.6	-0.5441
211.17	0.058	199.7	0.3595	527.92	-0.019	200.6	-0.4367
211.20	0.061	200.2	0.3755	528.00	0.002	205.4	-0.2903
211.23	0.061	200.2	0.3888	528.08	0.016	208.7	-0.1207
211.28	0.062	201.1	0.3977	528.17	0.029	211.8	0.1935
211.32	0.063	201.6	0.4039	528.25	0.045	215.1	0.4207
211.33	0.063	201.6	0.411	528.33	0.057	217.8	0.6071
211.37	0.063	201.9	0.4154	528.42	0.066	220	0.7501
211.40	0.064	202.2	0.4181	528.50	0.077	222	0.8672
211.43	0.063	202.4	0.419	528.58	0.084	224.1	0.9382
211.47	0.062	202.6	0.419	528.67	0.086	225.1	0.9835
211.50	0.061	202.8	0.4172	528.75	0.086	225.7	1.0119
211.53	0.059	202.8	0.4172	528.83	0.083	226	1.0119
211.57	0.057	202.8	0.4145	528.92	0.077	225.9	0.9995
211.60	0.057	202.9	0.4101	529.02	0.068	225.4	0.9737
211.63	0.054	202.7	0.4048	529.08	0.057	224.7	0.9311
211.67	0.049	202.6	0.3977	529.17	0.042	223.2	0.8548
211.70	0.047	202.5	0.3897	529.25	0.031	221.5	0.7572
211.73	0.044	202.1	0.3799	529.33	0.016	219.6	0.6178
211.77	0.037	201.7	0.3799	529.42	0	217	0.4287

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
211.80	0.035	201.7	0.3666	529.50	-0.022	212	0.2104
211.83	0.035	201.5	0.3533	529.58	-0.032	208.6	-0.1012
211.87	0.03	200.9	0.3346	529.67	-0.045	205	-0.2867
211.90	0.023	200.3	0.3124	529.75	-0.057	201	-0.4536
211.93	0.02	199.9	0.2929	529.83	-0.063	197.9	-0.5548
211.97	0.016	199	0.2654	529.92	-0.069	195.3	-0.6347
212.00	0.007	198.3	0.2654	530.00	-0.073	193.3	-0.6835
212.03	0.004	198.3	0.2317	530.08	-0.072	192	-0.7039
212.07	0.004	197.7	0.2077	530.17	-0.07	191.8	-0.7066
212.10	0	196.7	0.1758	530.25	-0.064	192.3	-0.6932
212.13	-0.009	195.8	0.1394	530.33	-0.053	193.7	-0.664
212.17	-0.012	195	0.1118	530.43	-0.04	196.2	-0.6187
212.20	-0.015	193.9	0.0808	530.50	-0.032	198.4	-0.5255
212.23	-0.024	192.9	0.0808	530.58	-0.016	201.2	-0.4136
212.27	-0.026	192.9	0.0435	530.67	-0.002	204.6	-0.2574
212.30	-0.026	192.1	0.0186	530.75	0.01	207.7	-0.0826
212.33	-0.029	191	-0.0089	530.83	0.027	211.1	0.1376
212.37	-0.036	190.1	-0.0382	530.92	0.048	214.3	0.3586
212.40	-0.038	189.3	-0.0586	531.00	0.06	218.4	0.5459
212.43	-0.04	188.4	-0.0781	531.08	0.068	220.5	0.7776
212.47	-0.045	187.6	-0.0781	531.17	0.078	222.4	0.8841
212.50	-0.046	187.6	-0.0976	531.25	0.083	223.8	0.9489
212.53	-0.046	186.9	-0.1118	531.33	0.086	224.9	0.9897
212.57	-0.048	186.2	-0.1243	531.42	0.086	225.6	1.0075
212.60	-0.05	185.5	-0.1358	531.50	0.082	226.1	1.0101
212.63	-0.05	185.1	-0.1429	531.58	0.076	225.8	1.0021
212.67	-0.051	184.6	-0.1491	531.67	0.068	225.6	0.9702
212.70	-0.052	184.2	-0.1491	531.75	0.055	224.5	0.9258
212.75	-0.052	183.9	-0.1544	531.83	0.044	223.2	0.8557
212.77	-0.051	183.7	-0.1553	531.93	0.028	221	0.7252
212.80	-0.05	183.6	-0.1553	532.00	0.013	219.1	0.5832
212.83	-0.048	183.6	-0.1544	532.08	-0.003	216.4	0.3817
212.87	-0.048	183.5	-0.1527	532.17	-0.015	213.2	0.1749
212.90	-0.047	183.5	-0.15	532.25	-0.03	209.8	-0.0426
212.93	-0.043	183.7	-0.1447	532.33	-0.048	205.9	-0.2459
212.97	-0.041	183.7	-0.1394	532.42	-0.059	200.2	-0.4065
213.00	-0.039	184	-0.1314	532.50	-0.064	197.3	-0.5761
213.03	-0.033	184.4	-0.1314	532.58	-0.07	194.9	-0.6471
213.07	-0.031	184.4	-0.1216	532.67	-0.073	193	-0.6932
213.10	-0.031	184.7	-0.1101	532.75	-0.073	192.1	-0.7092
213.13	-0.027	185.3	-0.0959	532.83	-0.071	191.8	-0.7119
213.17	-0.019	186	-0.0763	532.92	-0.062	192.2	-0.7012
213.20	-0.017	186.4	-0.0604	533.00	-0.052	194.1	-0.679
213.23	-0.013	187.2	-0.0373	533.08	-0.044	195.9	-0.6089
213.27	-0.005	188.1	-0.0373	533.17	-0.03	198.3	-0.5326
213.30	-0.001	188.1	-0.0098	533.25	-0.017	201.2	-0.419
213.33	-0.001	188.7	0.0133	533.35	0.001	205.7	-0.2769
213.37	0.002	189.6	0.0426	533.42	0.008	207.8	-0.1083
213.40	0.011	190.5	0.0781	533.50	0.024	210.9	0.0923
213.43	0.015	191.3	0.1047	533.58	0.038	214	0.3116
213.47	0.018	192.1	0.1349	533.67	0.049	216.8	0.5033
213.50	0.026	193.1	0.1349	533.75	0.063	219.2	0.679
213.53	0.03	193.1	0.1695	533.83	0.076	221.4	0.8175
213.57	0.03	193.9	0.1979	533.92	0.083	223.8	0.9036
213.60	0.033	194.8	0.2281	534.00	0.085	224.8	0.9826
213.63	0.041	195.8	0.2636	534.08	0.087	225.6	1.0057
213.67	0.043	196.5	0.2858	534.17	0.085	226.1	1.011
213.70	0.046	197.2	0.3098	534.25	0.081	226.3	1.0057
213.73	0.052	198.1	0.3098	534.33	0.073	225.9	0.9906
213.77	0.054	198.1	0.3346	534.42	0.058	224.9	0.9587
213.80	0.054	198.7	0.3524	534.50	0.046	223.7	0.9116
213.83	0.055	199.3	0.3675	534.58	0.035	222.4	0.7847
213.87	0.059	200	0.3835	534.67	0.018	220.1	0.6435

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
213.90	0.061	200.5	0.3932	534.75	0.005	217.6	0.4731
213.93	0.061	201	0.4021	534.85	-0.013	213.7	0.3116
213.97	0.063	201.4	0.4021	534.92	-0.027	210.6	-0.0044
214.00	0.063	201.8	0.4092	535.00	-0.042	206.4	-0.2263
214.03	0.063	201.8	0.4145	535.08	-0.051	202.7	-0.3888
214.07	0.064	202.1	0.4181	535.17	-0.06	199.5	-0.5148
214.10	0.063	202.4	0.419	535.25	-0.068	196.3	-0.6125
214.13	0.062	202.6	0.419	535.33	-0.073	193.3	-0.6675
214.18	0.061	202.8	0.419	535.42	-0.073	192.3	-0.7074
214.22	0.061	202.9	0.4172	535.50	-0.071	191.9	-0.711
214.23	0.058	202.9	0.4145	535.58	-0.067	192	-0.7048
214.27	0.056	202.9	0.4083	535.67	-0.061	193	-0.6844
214.30	0.052	202.7	0.4021	535.75	-0.051	194.3	-0.6489
214.33	0.047	202.6	0.4021	535.83	-0.033	196.7	-0.585
214.37	0.046	202.6	0.3941	535.92	-0.019	200.6	-0.5051
214.40	0.046	202.5	0.3861	536.00	-0.008	203.6	-0.3116
214.43	0.042	202	0.3755	536.08	0.008	206.9	-0.1314
214.47	0.035	201.7	0.3604	536.17	0.023	210.3	0.0781
214.50	0.033	201.4	0.3471	536.27	0.041	214.6	0.284
214.53	0.028	200.7	0.3267	536.33	0.051	217.2	0.5344
214.57	0.021	200.1	0.3267	536.42	0.065	219.7	0.7137
214.60	0.018	200.1	0.3027	536.50	0.075	221.8	0.8388
214.63	0.018	199.7	0.2823	536.58	0.079	223.3	0.9143
214.67	0.013	198.8	0.2521	536.67	0.085	224.5	0.972
214.70	0.005	198	0.2192	536.75	0.086	225.7	1.0004
214.73	0.002	197.4	0.1944	536.83	0.084	226.1	1.0101
214.77	-0.003	196.4	0.1607	536.92	0.08	226.2	1.003
214.80	-0.011	195.4	0.1607	537.00	0.071	225.8	0.9853
214.83	-0.014	195.4	0.1243	537.08	0.062	225.1	0.9498
214.87	-0.014	194.6	0.0985	537.17	0.052	224.3	0.8992
214.90	-0.018	193.5	0.0657	537.25	0.036	222.6	0.8104
214.93	-0.026	192.5	0.0293	537.33	0.015	219.6	0.6861
214.97	-0.028	191.7	0.0053	537.42	0.002	217	0.427
215.00	-0.031	190.7	-0.0195	537.50	-0.012	214.3	0.2237
215.03	-0.037	189.8	-0.0195	537.58	-0.028	210.5	-0.0089
215.07	-0.039	189.8	-0.0479	537.68	-0.044	205.4	-0.2059
215.10	-0.039	189	-0.0683	537.75	-0.052	202.1	-0.4012
215.13	-0.042	188.1	-0.087	537.83	-0.062	198.8	-0.5308
215.17	-0.046	187.3	-0.1074	537.93	-0.069	195.8	-0.6205
215.20	-0.047	186.6	-0.1189	538.00	-0.071	193.8	-0.6737
215.23	-0.048	185.9	-0.1305	538.08	-0.073	192.5	-0.703
215.27	-0.051	185.3	-0.1305	538.17	-0.071	191.9	-0.711
215.30	-0.051	185.3	-0.1411	538.25	-0.065	192.2	-0.7074
215.33	-0.051	184.9	-0.1473	538.33	-0.059	193.1	-0.6773
215.37	-0.051	184.5	-0.1509	538.42	-0.048	194.7	-0.64
215.40	-0.051	184.2	-0.1536	538.50	-0.035	197.2	-0.5699
215.43	-0.051	183.9	-0.1544	538.58	-0.026	199.6	-0.4847
215.47	-0.05	183.7	-0.1544	538.67	-0.01	202.6	-0.3542
215.50	-0.049	183.6	-0.1544	538.75	0.011	206	-0.1811
215.53	-0.047	183.6	-0.1536	538.83	0.026	211	0.008
215.57	-0.047	183.6	-0.15	538.92	0.038	214	0.3329
215.60	-0.045	183.8	-0.1456	539.00	0.053	217	0.5423
215.65	-0.04	184	-0.1394	539.08	0.064	219.4	0.703
215.68	-0.04	184	-0.1358	539.17	0.072	221.4	0.8228
215.70	-0.037	184.3	-0.1278	539.25	0.08	223.1	0.9143
215.73	-0.031	184.7	-0.1163	539.35	0.086	224.9	0.9897
215.77	-0.029	185	-0.1047	539.42	0.086	225.7	1.0084
215.80	-0.025	185.7	-0.0888	539.50	0.085	226.1	1.0146
215.83	-0.017	186.3	-0.0888	539.58	0.081	226.2	1.0101
215.87	-0.015	186.3	-0.0683	539.67	0.068	225.8	0.9942
215.90	-0.015	186.8	-0.0524	539.75	0.06	224.9	0.9427
215.93	-0.011	187.7	-0.0275	539.83	0.049	224	0.8876
215.97	-0.002	188.5	0.0027	539.92	0.033	222.2	0.7882

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
216.00	0.001	189.2	0.0257	540.00	0.021	220.1	0.6542
216.03	0.005	190.1	0.0559	540.08	0.006	218.1	0.4926
216.07	0.013	191	0.0559	540.17	-0.016	215	0.2796
216.10	0.017	191	0.0905	540.25	-0.03	210	0.0843
216.13	0.017	191.7	0.1172	540.33	-0.04	206.4	-0.221
216.17	0.021	192.7	0.1482	540.42	-0.052	202.6	-0.3977
216.20	0.029	193.6	0.1864	540.50	-0.062	199	-0.529
216.23	0.032	194.3	0.2113	540.58	-0.067	196.2	-0.6125
216.27	0.035	195.3	0.2414	540.67	-0.072	194	-0.6728
216.30	0.042	196.2	0.2414	540.75	-0.073	192.6	-0.703
216.33	0.045	196.2	0.2752	540.85	-0.071	191.8	-0.7128
216.37	0.045	196.9	0.2982	540.92	-0.068	192	-0.7066
216.40	0.047	197.7	0.3196	541.00	-0.061	192.7	-0.6888
216.43	0.053	198.4	0.3435	541.08	-0.046	194.4	-0.6506
216.47	0.055	199	0.3586	541.17	-0.032	197.7	-0.5965
216.50	0.057	199.7	0.3746	541.25	-0.023	200.3	-0.4589
216.53	0.061	200.3	0.3746	541.33	-0.007	203.3	-0.3231
216.57	0.061	200.3	0.3906	541.42	0.007	206.7	-0.1447
216.60	0.061	200.8	0.3986	541.50	0.02	210	0.0533
216.63	0.062	201.3	0.4065	541.58	0.036	213.3	0.2761
216.67	0.063	201.7	0.4136	541.67	0.055	216.4	0.4944
216.70	0.063	202	0.4172	541.75	0.067	219.9	0.6551
216.73	0.063	202.3	0.4199	541.83	0.074	221.9	0.845
216.77	0.063	202.6	0.4199	541.92	0.081	223.4	0.9276
216.80	0.062	202.6	0.4199	542.00	0.086	224.6	0.9782
216.83	0.062	202.8	0.4199	542.08	0.086	225.4	1.0021
216.87	0.061	202.9	0.4181	542.17	0.085	225.9	1.0101
216.90	0.057	202.9	0.4136	542.27	0.078	226.1	1.003
216.93	0.056	202.9	0.4101	542.33	0.071	225.9	0.9862
216.97	0.053	202.8	0.4039	542.42	0.064	225.5	0.9578
217.00	0.048	202.6	0.4039	542.50	0.05	224.3	0.9018
217.03	0.045	202.4	0.3959	542.58	0.03	221.9	0.8175
217.08	0.044	202.4	0.3817	542.67	0.017	219.8	0.7021
217.12	0.038	201.9	0.3817	542.75	0.004	217.6	0.45
217.13	0.034	201.6	0.3693	542.83	-0.013	214.4	0.2334
217.17	0.034	201.6	0.3551	542.92	-0.026	210.8	0.0071
217.20	0.031	201.2	0.3382	543.00	-0.038	207.4	-0.1855
217.23	0.024	200.5	0.3142	543.08	-0.051	203.3	-0.3693
217.27	0.019	199.9	0.292	543.17	-0.064	198.2	-0.5042
217.30	0.016	199.4	0.2681	543.25	-0.069	195.6	-0.5983
217.33	0.009	198.4	0.2681	543.33	-0.072	193.6	-0.6853
217.37	0.002	197.7	0.2352	543.42	-0.073	192.4	-0.7092
217.40	0.002	197.7	0.2068	543.50	-0.072	191.9	-0.7154
217.43	0	197.1	0.1784	543.58	-0.068	191.9	-0.7092
217.47	-0.007	196	0.1438	543.67	-0.057	192.9	-0.6897
217.50	-0.013	195	0.1118	543.77	-0.049	194.6	-0.6489
217.53	-0.016	194.2	0.0817	543.83	-0.04	196.8	-0.585
217.57	-0.022	193.1	0.0817	543.92	-0.025	199.4	-0.4953
217.60	-0.027	192.1	0.0462	544.00	-0.004	202.5	-0.3604
217.63	-0.027	192.1	0.016	544.08	0.01	207.5	-0.2024
217.67	-0.029	191.4	-0.0071	544.17	0.023	210.8	0.0985
217.70	-0.034	190.3	-0.0346	544.25	0.039	213.9	0.3187
217.73	-0.038	189.4	-0.0595	544.33	0.053	217	0.5344
217.77	-0.04	188.7	-0.0781	544.42	0.062	219.2	0.6861
217.80	-0.044	187.7	-0.0781	544.50	0.073	221.4	0.8202
217.83	-0.047	187	-0.0976	544.58	0.082	223.1	0.9081
217.87	-0.047	187	-0.1154	544.67	0.086	224.9	0.9649
217.90	-0.048	186.3	-0.126	544.75	0.086	225.6	1.0084
217.93	-0.05	185.6	-0.1367	544.83	0.084	226.1	1.0119
217.97	-0.051	185.1	-0.1456	544.92	0.08	226.2	1.0066
218.00	-0.051	184.7	-0.1491	545.00	0.074	226	0.9897
218.03	-0.051	184.4	-0.1527	545.08	0.063	225.4	0.9604
218.07	-0.051	184.1	-0.1527	545.18	0.045	223.7	0.8717

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
218.10	-0.051	184.1	-0.1544	545.25	0.036	222.4	0.8007
218.13	-0.05	183.9	-0.1544	545.33	0.023	220.7	0.6764
218.17	-0.05	183.7	-0.1544	545.42	0.006	218.1	0.5006
218.20	-0.048	183.7	-0.1518	545.50	-0.016	213.6	0.2947
218.23	-0.046	183.6	-0.1482	545.58	-0.029	209.9	0.0808
218.27	-0.044	183.8	-0.1438	545.67	-0.041	206.6	-0.229
218.30	-0.039	184.1	-0.1438	545.75	-0.053	202.4	-0.4074
218.33	-0.037	184.1	-0.1367	545.83	-0.061	199	-0.5299
218.37	-0.037	184.2	-0.1296	545.92	-0.067	196.4	-0.6151
218.40	-0.034	184.7	-0.1189	546.00	-0.072	193.9	-0.6773
218.43	-0.027	185.1	-0.1056	546.08	-0.073	192.3	-0.7048
218.47	-0.025	185.5	-0.0914	546.17	-0.071	191.9	-0.7154
218.50	-0.021	186.3	-0.0737	546.25	-0.067	192	-0.7066
218.55	-0.016	186.7	-0.0604	546.33	-0.058	193.2	-0.6853
218.58	-0.013	187.3	-0.0435	546.42	-0.051	194.7	-0.6462
218.60	-0.009	188.1	-0.0186	546.50	-0.039	196.7	-0.5894
218.63	0	188.9	-0.0186	546.58	-0.02	199.6	-0.4935
218.67	0.003	188.9	0.0142	546.68	-0.008	203.3	-0.3355
218.70	0.003	189.6	0.0391	546.75	0.004	206.7	-0.1642
218.73	0.007	190.5	0.0701	546.83	0.02	209.8	0.0391
218.77	0.016	191.4	0.1047	546.92	0.042	213.2	0.2645
218.80	0.019	192.2	0.1323	547.00	0.055	217.6	0.4669
218.83	0.022	193.2	0.1642	547.08	0.063	219.9	0.7163
218.87	0.031	194.1	0.1642	547.17	0.075	221.9	0.845
218.90	0.034	194.1	0.2015	547.25	0.081	223.5	0.9249
218.93	0.034	194.8	0.2263	547.33	0.084	224.6	0.9755
218.97	0.037	195.8	0.2565	547.42	0.086	225.5	1.0039
219.00	0.044	196.6	0.2867	547.50	0.084	226	1.0119
219.03	0.046	197.3	0.3071	547.58	0.078	226.2	1.0084
219.07	0.049	198.1	0.3293	547.67	0.072	225.9	0.9835
219.10	0.055	198.8	0.3293	547.75	0.061	225.2	0.9516
219.13	0.056	198.8	0.3533	547.83	0.048	224	0.8894
219.17	0.056	199.4	0.3675	547.92	0.038	222.7	0.8086
219.20	0.057	200	0.3799	548.00	0.021	220.7	0.6782
219.23	0.061	200.6	0.3941	548.10	0.003	217.5	0.4518
219.27	0.062	201.1	0.403	548.17	-0.011	214.6	0.2556
219.30	0.063	201.5	0.4092	548.25	-0.024	211.4	0.0391
219.33	0.063	201.9	0.4092	548.33	-0.039	207.4	-0.1837
219.37	0.064	201.9	0.4154	548.42	-0.055	201.7	-0.3586
219.40	0.064	202.2	0.419	548.50	-0.062	198.4	-0.4909
219.43	0.063	202.5	0.4199	548.58	-0.068	195.9	-0.6293
219.47	0.062	202.7	0.4199	548.67	-0.073	193.6	-0.687
219.50	0.062	202.9	0.4199	548.75	-0.073	192.5	-0.7083
219.53	0.06	203	0.4163	548.83	-0.072	191.9	-0.7154
219.57	0.056	202.9	0.4163	548.92	-0.068	192	-0.7101
219.60	0.054	202.9	0.4119	549.00	-0.056	193.6	-0.6915
219.63	0.054	202.9	0.4083	549.08	-0.048	195.2	-0.6347
219.67	0.052	202.9	0.4012	549.17	-0.036	197.2	-0.5725
219.70	0.047	202.5	0.3923	549.25	-0.022	200.2	-0.4722
219.73	0.043	202.3	0.3835	549.33	-0.011	203.1	-0.3462
219.77	0.041	202.1	0.3701	549.42	0.004	206.3	-0.1766
219.80	0.034	201.6	0.3701	549.52	0.027	211.3	0.126
219.83	0.03	201.2	0.3551	549.58	0.038	214.1	0.3018
219.87	0.03	201.2	0.34	549.67	0.049	217	0.5042
219.90	0.026	200.8	0.3196	549.75	0.063	219.3	0.6817
219.93	0.02	200	0.2947	549.83	0.076	221.5	0.8202
219.98	0.014	199.4	0.2707	549.92	0.083	223.9	0.901
220.02	0.013	199	0.2556	550.00	0.085	225	0.9826
220.03	0.007	198.2	0.2263	550.08	0.086	225.7	1.0066
220.07	0.001	197.4	0.1962	550.17	0.084	226.2	1.011
220.10	-0.002	196.7	0.1651	550.25	0.081	226.3	1.0066
220.13	-0.009	195.6	0.1651	550.33	0.074	226.1	0.9915
220.17	-0.015	194.6	0.1287	550.42	0.059	225.4	0.9587

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
220.20	-0.015	194.6	0.0968	550.50	0.045	223.8	0.9107
220.23	-0.018	193.8	0.0692	550.58	0.035	222.5	0.7856
220.27	-0.024	192.7	0.0346	550.67	0.018	220.2	0.6462
220.30	-0.029	191.8	0.0053	550.75	0.005	217.8	0.4731
220.33	-0.031	191	-0.0186	550.83	-0.009	215.2	0.2743
220.37	-0.036	189.9	-0.0186	550.92	-0.025	211.5	0.0435
220.40	-0.04	189.1	-0.0462	551.02	-0.042	206.4	-0.2326
220.43	-0.04	189.1	-0.0692	551.08	-0.051	202.8	-0.3861
220.47	-0.041	188.4	-0.087	551.17	-0.06	199.6	-0.5148
220.50	-0.045	187.4	-0.1056	551.25	-0.068	196.4	-0.6142
220.53	-0.048	186.6	-0.1207	551.33	-0.073	193.3	-0.6728
220.57	-0.048	186.1	-0.1314	551.42	-0.073	192.4	-0.711
220.60	-0.05	185.4	-0.1314	551.50	-0.071	191.9	-0.7154
220.63	-0.052	184.9	-0.1402	551.58	-0.066	192.2	-0.7074
220.67	-0.052	184.9	-0.1473	551.67	-0.061	193.1	-0.6879
220.70	-0.051	184.6	-0.1509	551.75	-0.051	194.4	-0.6515
220.73	-0.051	184.3	-0.1536	551.83	-0.034	196.9	-0.5885
220.77	-0.051	184	-0.1544	551.92	-0.019	200.8	-0.506
220.80	-0.05	183.8	-0.1544	552.00	-0.008	203.9	-0.3133
220.83	-0.049	183.7	-0.1536	552.08	0.007	207	-0.1376
220.87	-0.047	183.7	-0.1536	552.17	0.023	210.5	0.0772
220.90	-0.045	183.7	-0.1509	552.25	0.035	213.8	0.2885
220.93	-0.045	183.7	-0.1465	552.33	0.05	216.6	0.4997
220.97	-0.043	184	-0.1411	552.42	0.067	219.1	0.6764
221.00	-0.037	184.2	-0.1331	552.50	0.074	222	0.8362
221.03	-0.035	184.4	-0.1252	552.58	0.079	223.5	0.9143
221.07	-0.032	184.9	-0.1136	552.67	0.084	224.7	0.972
221.10	-0.025	185.4	-0.1136	552.75	0.086	225.7	1.0021
221.13	-0.023	185.4	-0.0985	552.83	0.084	226.3	1.0128
221.17	-0.023	185.8	-0.0861	552.92	0.08	226.4	1.0048
221.20	-0.019	186.6	-0.0666	553.00	0.071	226	0.9871
221.23	-0.011	187.4	-0.0417	553.08	0.061	225.3	0.9524
221.27	-0.008	187.9	-0.0213	553.17	0.052	224.4	0.8992
221.30	-0.004	188.8	0.0062	553.25	0.036	222.8	0.8122
221.33	0.005	189.7	0.0062	553.33	0.015	219.8	0.6879
221.37	0.008	189.7	0.0408	553.42	0.002	217.2	0.537
221.40	0.008	190.4	0.0657	553.50	-0.012	214.4	0.2219
221.45	0.017	192	0.0959	553.58	-0.028	210.6	-0.0107
221.48	0.021	192	0.1172	553.67	-0.039	206.9	-0.2095
221.50	0.021	192.7	0.142	553.75	-0.05	203.4	-0.3755
221.53	0.024	193.6	0.1749	553.83	-0.061	199.7	-0.5148
221.57	0.033	194.5	0.213	553.93	-0.068	195.9	-0.6249
221.60	0.036	195.3	0.2388	554.00	-0.072	193.7	-0.6835
221.63	0.039	196.2	0.2672	554.08	-0.073	192.4	-0.7101
221.67	0.046	197.1	0.2672	554.17	-0.071	192	-0.7154
221.70	0.048	197.1	0.2974	554.25	-0.065	192.2	-0.7128
221.73	0.048	197.7	0.3169	554.33	-0.059	193.4	-0.6826
221.77	0.05	198.5	0.3382	554.42	-0.048	194.8	-0.6427
221.80	0.056	199.2	0.3595	554.50	-0.035	197.4	-0.5725
221.83	0.057	199.8	0.3737	554.58	-0.026	199.9	-0.4847
221.87	0.058	200.4	0.387	554.67	-0.011	202.7	-0.3586
221.90	0.062	201	0.387	554.75	0.011	206.2	-0.1846
221.93	0.062	201	0.3994	554.83	0.026	211.2	0.0062
221.97	0.062	201.4	0.4074	554.92	0.038	214.4	0.3364
222.00	0.063	201.8	0.4136	555.00	0.053	217.1	0.5415
222.03	0.064	202.2	0.4181	555.08	0.065	219.7	0.7101
222.07	0.064	202.5	0.4207	555.17	0.072	221.8	0.8273
222.10	0.063	202.7	0.4216	555.25	0.08	223.3	0.9152
222.13	0.062	202.9	0.4216	555.35	0.086	225.1	0.9906
222.17	0.061	202.9	0.4216	555.42	0.086	225.8	1.0092
222.20	0.061	203	0.4199	555.50	0.085	226.3	1.0146
222.23	0.059	203.1	0.4163	555.58	0.081	226.5	1.011
222.27	0.055	203	0.411	555.67	0.07	226.1	0.9933

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
222.30	0.053	203	0.4065	555.75	0.057	225.2	0.9666
222.33	0.051	202.9	0.3994	555.83	0.05	224.2	0.8859
222.37	0.045	202.6	0.3994	555.92	0.033	222.5	0.7927
222.40	0.042	202.6	0.3888	556.00	0.02	220.4	0.656
222.43	0.042	202.4	0.3799	556.08	0.007	218.3	0.4989
222.47	0.039	202	0.3675	556.17	-0.01	215.2	0.2814
222.50	0.031	201.5	0.348	556.25	-0.031	209.9	0.0559
222.53	0.028	201.1	0.3338	556.33	-0.042	206.2	-0.1438
222.57	0.025	200.6	0.3116	556.42	-0.052	202.7	-0.4048
222.60	0.017	199.8	0.3116	556.50	-0.062	199	-0.5379
222.63	0.012	199.2	0.2832	556.58	-0.068	196.2	-0.6187
222.67	0.012	199.2	0.2601	556.67	-0.072	194.1	-0.6782
222.70	0.009	198.5	0.2317	556.75	-0.073	192.7	-0.7083
222.73	0.001	197.5	0.1953	556.85	-0.071	191.9	-0.7172
222.77	-0.004	196.8	0.1651	556.92	-0.067	192.1	-0.7101
222.80	-0.007	196	0.1376	557.00	-0.061	192.8	-0.6906
222.83	-0.014	194.9	0.1376	557.08	-0.05	194.6	-0.6533
222.87	-0.019	193.9	0.1012	557.17	-0.032	198	-0.5929
222.92	-0.02	193.3	0.0533	557.25	-0.021	200.8	-0.4509
222.95	-0.026	192.3	0.0533	557.33	-0.008	203.6	-0.316
222.97	-0.03	191.4	0.0231	557.42	0.009	207.1	-0.1314
223.00	-0.03	191.4	-0.0036	557.50	0.022	210.6	0.0763
223.03	-0.032	190.6	-0.0293	557.58	0.035	213.6	0.284
223.07	-0.038	189.5	-0.0577	557.67	0.051	216.7	0.5122
223.10	-0.041	188.7	-0.0781	557.75	0.067	220.3	0.6719
223.13	-0.042	188	-0.095	557.83	0.075	222.3	0.8601
223.17	-0.046	187.1	-0.095	557.92	0.081	223.7	0.9347
223.20	-0.048	186.4	-0.1136	558.00	0.086	225	0.9862
223.23	-0.048	186.4	-0.126	558.08	0.086	225.7	1.0084
223.27	-0.049	185.8	-0.1349	558.17	0.085	226.2	1.0155
223.30	-0.051	185.2	-0.1438	558.27	0.08	226.5	1.0084
223.33	-0.052	184.8	-0.15	558.33	0.07	226.1	0.9888
223.37	-0.051	184.5	-0.1527	558.42	0.064	225.5	0.9587
223.40	-0.051	184.2	-0.1527	558.50	0.051	224.5	0.9072
223.43	-0.051	184	-0.1544	558.58	0.031	223	0.8193
223.47	-0.051	184	-0.1553	558.67	0.016	220	0.7066
223.50	-0.05	183.8	-0.1544	558.75	0.004	217.6	0.4554
223.53	-0.048	183.8	-0.1527	558.83	-0.013	214.6	0.2343
223.57	-0.046	183.8	-0.1491	558.92	-0.027	211.1	0.0098
223.60	-0.044	183.8	-0.1438	559.00	-0.037	207.6	-0.1846
223.63	-0.04	184.2	-0.1438	559.08	-0.051	203.6	-0.371
223.67	-0.036	184.4	-0.1367	559.17	-0.063	200	-0.5077
223.70	-0.036	184.4	-0.1296	559.25	-0.07	195.7	-0.5992
223.73	-0.034	184.6	-0.1198	559.33	-0.072	193.8	-0.6897
223.77	-0.029	185.2	-0.1065	559.42	-0.073	192.6	-0.7137
223.80	-0.024	185.7	-0.0923	559.50	-0.072	192.1	-0.719
223.83	-0.021	186.1	-0.0763	559.58	-0.068	192.1	-0.7128
223.87	-0.015	187	-0.0541	559.67	-0.06	193	-0.695
223.90	-0.009	187.7	-0.0541	559.75	-0.048	195	-0.6489
223.93	-0.009	187.7	-0.0311	559.83	-0.036	197.4	-0.5779
223.97	-0.006	188.3	-0.008	559.92	-0.026	199.7	-0.4918
224.00	0	189.3	0.024	560.00	-0.01	203	-0.3559
224.03	0.007	190.1	0.0541	560.08	0.012	208	-0.1855
224.07	0.01	190.8	0.0817	560.17	0.025	211.4	0.0036
224.10	0.016	191.8	0.1163	560.25	0.038	214.3	0.3338
224.13	0.022	192.7	0.1163	560.33	0.053	217.3	0.545
224.17	0.022	192.7	0.1473	560.42	0.063	219.8	0.7003
224.20	0.025	193.4	0.1758	560.50	0.072	221.7	0.8237
224.23	0.031	194.5	0.2113	560.58	0.081	223.5	0.916
224.27	0.037	195.4	0.2432	560.67	0.086	225.2	0.9684
224.30	0.039	196.1	0.2681	560.75	0.086	225.9	1.0066
224.35	0.043	196.9	0.2867	560.83	0.084	226.3	1.011
224.38	0.046	197.5	0.3045	560.92	0.08	226.4	1.0057

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
224.40	0.049	198.2	0.3275	561.00	0.073	226.1	0.9879
224.43	0.053	199.1	0.3515	561.08	0.064	225.6	0.9587
224.47	0.057	199.7	0.3515	561.18	0.048	224.2	0.8823
224.50	0.058	199.7	0.3701	561.25	0.033	222.5	0.7909
224.53	0.058	200.2	0.3817	561.33	0.023	220.6	0.6719
224.57	0.06	200.8	0.3941	561.42	0.007	218.4	0.5042
224.60	0.063	201.3	0.4057	561.50	-0.016	215.4	0.2867
224.63	0.063	201.7	0.4119	561.58	-0.03	210.2	0.0808
224.67	0.063	202.1	0.4172	561.67	-0.04	206.7	-0.2308
224.70	0.063	202.4	0.4172	561.75	-0.053	202.8	-0.4065
224.73	0.063	202.4	0.4207	561.83	-0.062	199.3	-0.5352
224.77	0.063	202.7	0.4225	561.92	-0.067	196.5	-0.6187
224.80	0.062	202.9	0.4225	562.00	-0.072	194.2	-0.6826
224.83	0.062	203.1	0.4216	562.08	-0.073	192.8	-0.7128
224.87	0.06	203.2	0.419	562.17	-0.071	192.1	-0.7208
224.90	0.058	203.2	0.4154	562.25	-0.067	192.4	-0.7119
224.93	0.053	203.1	0.4154	562.33	-0.059	193.3	-0.6906
224.97	0.052	203.1	0.4101	562.42	-0.047	195.1	-0.6462
225.00	0.052	203.1	0.4039	562.50	-0.039	197.1	-0.5876
225.03	0.049	202.8	0.3959	562.58	-0.025	199.8	-0.4989
225.07	0.042	202.5	0.3843	562.67	-0.007	203.7	-0.3329
225.10	0.041	202.3	0.3746	562.75	0.007	207.1	-0.1527
225.13	0.037	201.8	0.3595	562.83	0.02	210.3	0.0497
225.17	0.028	201.3	0.3595	562.92	0.035	213.6	0.2681
225.20	0.026	201.3	0.34	563.00	0.056	216.7	0.4953
225.23	0.026	201	0.324	563.08	0.067	220.3	0.6542
225.27	0.023	200.3	0.3018	563.17	0.074	222.2	0.845
225.30	0.014	199.6	0.2716	563.25	0.081	223.8	0.9276
225.33	0.011	199	0.2477	563.33	0.085	225	0.9791
225.37	0.007	198.1	0.2166	563.42	0.086	225.8	1.0039
225.40	-0.002	197.2	0.2166	563.50	0.085	226.3	1.0119
225.43	-0.005	197.2	0.1793	563.58	0.078	226.5	1.0084
225.47	-0.005	196.5	0.1536	563.67	0.069	226	0.9933
225.50	-0.009	195.5	0.1207	563.75	0.062	225.5	0.9471
225.53	-0.017	194.4	0.0834	563.83	0.047	224.2	0.8868
225.57	-0.02	193.6	0.0559	563.92	0.035	222.6	0.7936
225.60	-0.025	192.4	0.0204	564.00	0.023	220.9	0.6728
225.63	-0.031	191.5	0.0204	564.10	0.004	217.8	0.4509
225.67	-0.031	191.5	-0.008	564.17	-0.013	214.5	0.2272
225.70	-0.033	190.7	-0.032	564.25	-0.026	211	0.0027
225.73	-0.037	189.7	-0.0568	564.33	-0.038	207.7	-0.1908
225.77	-0.041	188.8	-0.079	564.42	-0.051	203.5	-0.3781
225.82	-0.043	188.1	-0.0923	564.50	-0.064	198.4	-0.5122
225.85	-0.044	187.5	-0.1047	564.58	-0.069	195.7	-0.6054
225.87	-0.047	186.7	-0.1181	564.67	-0.072	193.7	-0.6941
225.92	-0.048	186.1	-0.1296	564.75	-0.073	192.6	-0.7181
225.93	-0.05	185.5	-0.1411	564.83	-0.072	192.1	-0.7225
225.97	-0.052	185	-0.1411	564.92	-0.068	192.1	-0.7163
226.00	-0.051	185	-0.1482	565.00	-0.057	193.1	-0.6986
226.03	-0.051	184.7	-0.1518	565.08	-0.045	195.7	-0.664
226.07	-0.051	184.4	-0.1536	565.17	-0.037	197.8	-0.5708
226.10	-0.051	184.1	-0.1553	565.25	-0.022	200.4	-0.4749
226.13	-0.05	183.9	-0.1553	565.33	-0.007	203.5	-0.3329
226.17	-0.05	183.8	-0.1544	565.42	0.004	206.9	-0.1695
226.20	-0.047	183.8	-0.1544	565.52	0.026	211.5	0.1154
226.23	-0.045	183.8	-0.1518	565.58	0.037	214.3	0.2965
226.27	-0.045	183.8	-0.1473	565.67	0.053	217.4	0.5308
226.30	-0.043	184	-0.142	565.75	0.061	219.7	0.6861
226.33	-0.037	184.3	-0.134	565.83	0.073	221.8	0.8211
226.37	-0.036	184.5	-0.1269	565.92	0.082	223.5	0.9107
226.40	-0.032	184.9	-0.1145	566.00	0.086	225.3	0.9675
226.43	-0.025	185.5	-0.1145	566.08	0.086	226	1.0084
226.47	-0.023	185.5	-0.0994	566.17	0.085	226.4	1.0128

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
226.50	-0.023	185.9	-0.0861	566.25	0.08	226.5	1.0066
226.53	-0.019	186.5	-0.0675	566.33	0.074	226.3	0.9888
226.57	-0.012	187.4	-0.0453	566.42	0.063	225.7	0.9595
226.60	-0.008	188	-0.0231	566.50	0.045	224	0.9027
226.63	-0.004	188.7	0.0044	566.58	0.032	222.3	0.8291
226.67	0.004	189.7	0.0044	566.67	0.02	220.5	0.6409
226.70	0.009	189.7	0.0382	566.75	0.003	217.9	0.4607
226.73	0.009	190.5	0.0657	566.83	-0.011	214.8	0.2414
226.77	0.012	191.2	0.095	566.92	-0.024	211.6	0.0275
226.80	0.02	192.2	0.1314	567.02	-0.04	206.8	-0.2308
226.83	0.023	193	0.1589	567.08	-0.053	202.7	-0.4048
226.87	0.027	194	0.19	567.17	-0.06	199.3	-0.5317
226.90	0.034	194.9	0.19	567.25	-0.067	196.6	-0.6222
226.93	0.038	194.9	0.2263	567.33	-0.072	194.1	-0.6826
226.97	0.038	195.8	0.2521	567.42	-0.073	192.4	-0.7119
227.00	0.041	196.6	0.2787	567.50	-0.071	192	-0.7225
227.03	0.047	197.4	0.308	567.58	-0.067	192.2	-0.7137
227.07	0.05	198.1	0.3284	567.67	-0.058	193.4	-0.6924
227.10	0.052	198.8	0.348	567.75	-0.051	194.9	-0.6542
227.13	0.056	199.6	0.348	567.83	-0.039	196.9	-0.5956
227.17	0.058	199.6	0.3675	567.92	-0.02	199.8	-0.5006
227.20	0.058	200.2	0.3817	568.00	-0.005	204.3	-0.3852
227.25	0.061	201.2	0.3941	568.08	0.007	207.6	-0.1296
227.28	0.062	201.2	0.4012	568.17	0.023	210.8	0.0826
227.30	0.062	201.6	0.4083	568.25	0.038	214.1	0.308
227.35	0.063	202	0.4145	568.33	0.049	217.1	0.5068
227.37	0.063	202.4	0.419	568.43	0.064	220.3	0.7243
227.40	0.063	202.7	0.4216	568.50	0.074	222.3	0.8362
227.43	0.063	202.9	0.4225	568.58	0.081	223.9	0.9214
227.47	0.062	203.1	0.4225	568.67	0.084	225	0.9729
227.50	0.061	203.2	0.4225	568.75	0.086	225.9	1.0039
227.53	0.061	203.2	0.4216	568.83	0.084	226.4	1.0119
227.57	0.059	203.3	0.4172	568.92	0.078	226.5	1.0084
227.60	0.056	203.2	0.4136	569.00	0.072	226.3	0.9826
227.63	0.052	203.2	0.4074	569.08	0.06	225.6	0.9498
227.67	0.05	203.1	0.4003	569.17	0.048	224.3	0.8868
227.70	0.045	202.8	0.4003	569.25	0.038	223.1	0.8086
227.73	0.042	202.8	0.3914	569.33	0.021	220.9	0.6737
227.77	0.042	202.6	0.3817	569.42	0	217.3	0.5131
227.80	0.039	202.2	0.3675	569.50	-0.014	214.1	0.3124
227.83	0.031	201.7	0.3497	569.58	-0.027	210.9	-0.0169
227.87	0.028	201.3	0.3346	569.67	-0.041	206.8	-0.2326
227.90	0.025	200.8	0.3124	569.75	-0.051	203	-0.4003
227.93	0.017	200	0.3124	569.83	-0.06	199.8	-0.5246
227.97	0.012	199.4	0.2849	569.92	-0.068	195.9	-0.6409
228.00	0.012	199.4	0.2619	570.00	-0.073	193.7	-0.6941
228.03	0.009	198.8	0.2343	570.08	-0.073	192.6	-0.7154
228.07	0.001	197.7	0.1971	570.17	-0.072	192.1	-0.7225
228.10	-0.004	196.9	0.1669	570.25	-0.066	192.2	-0.7181
228.13	-0.007	196.2	0.1385	570.33	-0.056	193.7	-0.7003
228.17	-0.014	195	0.1385	570.42	-0.049	195.4	-0.6427
228.20	-0.019	194	0.1012	570.50	-0.036	197.5	-0.5796
228.23	-0.019	194	0.0692	570.58	-0.022	200.4	-0.4784
228.27	-0.022	193.3	0.0426	570.67	-0.011	203.3	-0.3506
228.30	-0.027	192.1	0.0089	570.75	0.005	206.6	-0.1802
228.33	-0.032	191.2	-0.0178	570.83	0.026	210	0.024
228.37	-0.034	190.4	-0.0399	570.92	0.041	214.8	0.2361
228.40	-0.039	189.4	-0.0399	571.00	0.052	217.7	0.5468
228.43	-0.042	189.4	-0.0657	571.08	0.064	220	0.711
228.47	-0.042	188.6	-0.0843	571.17	0.075	222.1	0.8415
228.50	-0.044	187.8	-0.103	571.25	0.079	223.7	0.9187
228.53	-0.048	187	-0.1198	571.35	0.085	225.3	0.9879
228.57	-0.049	186.3	-0.1305	571.42	0.086	226.1	1.0075

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
228.60	-0.05	185.8	-0.1394	571.50	0.084	226.5	1.0119
228.63	-0.051	185.2	-0.1394	571.58	0.081	226.6	1.0066
228.67	-0.051	185.2	-0.1465	571.67	0.073	226.4	0.9906
228.72	-0.051	184.5	-0.1536	571.75	0.058	225.7	0.9587
228.75	-0.051	184.2	-0.1536	571.83	0.045	224.1	0.9107
228.78	-0.051	184.2	-0.1553	571.92	0.035	222.6	0.7829
228.80	-0.051	184	-0.1562	572.00	0.019	220.6	0.648
228.83	-0.05	183.9	-0.1553	572.08	0.004	218.1	0.4731
228.87	-0.048	183.8	-0.1536	572.17	-0.009	215.2	0.2636
228.90	-0.046	183.8	-0.15	572.25	-0.025	211.7	0.0399
228.93	-0.044	183.9	-0.1447	572.33	-0.043	208	-0.1775
228.97	-0.039	184.2	-0.1447	572.42	-0.054	202.2	-0.3471
229.00	-0.037	184.2	-0.1385	572.50	-0.061	199.2	-0.5468
229.03	-0.037	184.4	-0.1305	572.58	-0.069	196.1	-0.6364
229.07	-0.034	184.8	-0.1198	572.67	-0.072	194	-0.6888
229.10	-0.027	185.3	-0.1065	572.75	-0.073	192.8	-0.7154
229.13	-0.025	185.7	-0.0932	572.83	-0.071	192	-0.7252
229.17	-0.021	186.3	-0.0763	572.92	-0.067	192.3	-0.7172
229.20	-0.013	187.2	-0.0763	573.00	-0.059	193.4	-0.695
229.23	-0.01	187.2	-0.0524	573.08	-0.051	194.6	-0.6586
229.27	-0.01	187.7	-0.0355	573.17	-0.037	197.1	-0.5965
229.30	-0.006	188.4	-0.008	573.25	-0.018	201.1	-0.5077
229.33	0.001	189.4	0.0249	573.33	-0.006	204.3	-0.3888
229.37	0.006	190.2	0.0533	573.42	0.008	207.4	-0.1314
229.40	0.009	191	0.0808	573.50	0.024	210.9	0.0888
229.43	0.017	192	0.0808	573.58	0.037	214.2	0.3071
229.47	0.021	192	0.1163	573.67	0.05	217	0.5042
229.50	0.021	192.7	0.1438	573.75	0.063	219.5	0.6799
229.53	0.025	193.7	0.1758	573.83	0.077	222.6	0.8175
229.57	0.033	194.6	0.2139	573.92	0.082	224.1	0.9027
229.60	0.036	195.4	0.2397	574.00	0.085	225.2	0.9817
229.63	0.039	196.3	0.2681	574.08	0.087	226	1.0066
229.67	0.046	197.2	0.2681	574.17	0.084	226.4	1.011
229.70	0.048	197.2	0.2991	574.27	0.08	226.6	1.003
229.73	0.048	197.9	0.3196	574.33	0.072	226.4	0.9853
229.77	0.05	198.6	0.34	574.42	0.06	225.6	0.9498
229.80	0.056	199.4	0.3613	574.50	0.051	224.4	0.8947
229.83	0.057	199.9	0.3755	574.58	0.037	223.1	0.8131
229.87	0.058	200.5	0.3879	574.67	0.016	221.1	0.6817
229.90	0.062	201.1	0.3879	574.75	0.001	217.5	0.5317
229.93	0.062	201.1	0.4003	574.83	-0.012	214.4	0.2175
229.97	0.062	201.5	0.4083	574.92	-0.027	211.1	-0.0027
230.00	0.063	202	0.4154	575.00	-0.041	207.1	-0.2228
230.03	0.064	202.3	0.4199	575.08	-0.05	203.4	-0.3843
230.07	0.063	202.6	0.4225	575.17	-0.06	199.9	-0.521
230.10	0.063	202.9	0.4234	575.25	-0.069	196.8	-0.6187
230.13	0.062	203.1	0.4234	575.33	-0.073	193.6	-0.679
230.18	0.061	203.3	0.4234	575.42	-0.073	192.6	-0.7199
230.20	0.06	203.4	0.4199	575.50	-0.071	192.2	-0.7243
230.23	0.056	203.3	0.4199	575.58	-0.066	192.4	-0.7181
230.28	0.054	203.3	0.4163	575.68	-0.057	193.8	-0.6977
230.30	0.054	203.3	0.4119	575.75	-0.049	195.1	-0.648
230.33	0.052	203.2	0.4048	575.83	-0.035	197.6	-0.5814
230.37	0.046	202.9	0.3959	575.92	-0.023	200.4	-0.482
230.40	0.044	202.8	0.387	576.00	-0.011	203.1	-0.3559
230.43	0.041	202.4	0.3737	576.08	0.005	206.7	-0.1793
230.47	0.033	201.9	0.3737	576.17	0.027	211.7	0.0204
230.50	0.03	201.9	0.3577	576.25	0.041	214.9	0.2361
230.53	0.03	201.6	0.3435	576.33	0.052	217.5	0.5477
230.57	0.027	201	0.3222	576.42	0.065	220.1	0.7146
230.60	0.018	200.3	0.2956	576.50	0.074	222.3	0.8424
230.63	0.015	199.8	0.2743	576.58	0.08	223.7	0.9214
230.67	0.012	199	0.2459	576.67	0.085	225	0.9746

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
230.70	0.002	198.1	0.2459	576.75	0.087	226.1	1.003
230.73	-0.001	198.1	0.2086	576.83	0.084	226.5	1.0119
230.77	-0.001	197.4	0.1829	576.92	0.08	226.7	1.0039
230.80	-0.005	196.5	0.15	577.00	0.07	226.2	0.9862
230.83	-0.013	195.4	0.1136	577.08	0.063	225.6	0.9551
230.87	-0.016	194.6	0.0861	577.18	0.049	224.1	0.8797
230.90	-0.02	193.7	0.0541	577.25	0.034	222.8	0.7927
230.93	-0.027	192.5	0.0541	577.33	0.019	220.7	0.6533
230.97	-0.03	192.5	0.0178	577.42	0.008	218.3	0.4918
231.00	-0.03	191.7	-0.0062	577.50	-0.009	215.5	0.2805
231.03	-0.032	190.8	-0.0293	577.58	-0.03	211.9	0.0506
231.07	-0.038	189.8	-0.0577	577.67	-0.043	206.4	-0.1482
231.10	-0.041	189	-0.0781	577.75	-0.051	202.8	-0.4128
231.13	-0.043	188.2	-0.0959	577.83	-0.062	199.3	-0.5432
231.17	-0.047	187.3	-0.0959	577.92	-0.068	196.3	-0.6329
231.20	-0.048	187.3	-0.1145	578.00	-0.072	194.3	-0.6879
231.23	-0.048	186.7	-0.126	578.08	-0.073	192.9	-0.7172
231.27	-0.049	186	-0.1358	578.17	-0.071	192.3	-0.7252
231.30	-0.051	185.5	-0.1447	578.25	-0.065	192.6	-0.7208
231.33	-0.051	185.1	-0.15	578.33	-0.059	193.4	-0.6924
231.37	-0.051	184.7	-0.1536	578.42	-0.048	195.3	-0.6515
231.40	-0.051	184.4	-0.1536	578.50	-0.037	197.6	-0.5841
231.43	-0.051	184.4	-0.1553	578.60	-0.021	201.2	-0.4953
231.47	-0.051	184.2	-0.1562	578.67	-0.008	203.9	-0.3249
231.50	-0.05	184	-0.1553	578.75	0.009	207.5	-0.1385
231.53	-0.047	184	-0.1527	578.83	0.022	210.9	0.0701
231.57	-0.046	184	-0.15	578.92	0.035	213.9	0.2787
231.62	-0.044	184	-0.1473	579.00	0.051	217.1	0.5051
231.65	-0.041	184.1	-0.1429	579.08	0.067	220.6	0.6684
231.68	-0.039	184.3	-0.1349	579.17	0.075	222.7	0.861
231.72	-0.036	184.6	-0.1252	579.25	0.081	224	0.932
231.73	-0.029	185.2	-0.1252	579.33	0.086	225.3	0.9826
231.77	-0.026	185.5	-0.1118	579.42	0.086	226	1.0057
231.80	-0.026	185.5	-0.1012	579.50	0.085	226.5	1.0128
231.83	-0.024	186	-0.0834	579.58	0.078	226.7	1.0084
231.87	-0.016	186.9	-0.0612	579.67	0.068	226.2	0.9933
231.90	-0.012	187.5	-0.0426	579.75	0.061	225.4	0.9462
231.93	-0.009	188.2	-0.0186	579.83	0.049	224.4	0.8885
231.97	-0.001	189.1	-0.0186	579.92	0.033	222.8	0.79
232.00	0.004	189.1	0.0124	580.00	0.023	220.8	0.6675
232.03	0.004	189.9	0.0399	580.10	0.004	217.6	0.4456
232.07	0.007	190.6	0.0683	580.17	-0.012	214.7	0.2299
232.10	0.015	191.7	0.1039	580.25	-0.027	211.2	0.0009
232.13	0.019	192.4	0.1331	580.33	-0.037	207.5	-0.1953
232.17	0.022	193.3	0.1642	580.42	-0.05	203.8	-0.3755
232.20	0.031	194.3	0.1642	580.50	-0.063	200.1	-0.5184
232.23	0.034	195.1	0.2015	580.58	-0.07	195.8	-0.6071
232.27	0.037	195.1	0.2255	580.67	-0.072	193.8	-0.6986
232.30	0.037	195.9	0.2503	580.75	-0.073	192.7	-0.7217
232.33	0.04	196.7	0.2796	580.83	-0.072	192.2	-0.7261
232.37	0.047	197.6	0.3089	580.92	-0.068	192.3	-0.719
232.40	0.05	198.3	0.3302	581.00	-0.061	193.2	-0.7021
232.43	0.052	199	0.3506	581.08	-0.046	194.9	-0.6631
232.47	0.057	199.8	0.3506	581.17	-0.033	198.2	-0.6089
232.50	0.058	199.8	0.3701	581.25	-0.023	200.6	-0.474
232.53	0.058	200.3	0.3826	581.33	-0.007	204	-0.3293
232.57	0.059	200.9	0.395	581.42	0.006	207.3	-0.1544
232.60	0.062	201.4	0.4057	581.52	0.024	211.7	0.0257
232.63	0.063	201.8	0.4128	581.58	0.037	214.7	0.3124
232.67	0.063	202.2	0.4181	581.67	0.054	217.7	0.5486
232.70	0.064	202.5	0.4216	581.75	0.064	220.2	0.7039
232.73	0.063	202.8	0.4216	581.83	0.072	222.1	0.8246
232.77	0.063	202.8	0.4243	581.92	0.08	223.8	0.9143

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
232.80	0.063	203.1	0.4243	582.00	0.086	225.6	0.9702
232.83	0.062	203.3	0.4243	582.08	0.086	226.2	1.0092
232.87	0.06	203.4	0.4216	582.17	0.084	226.7	1.0137
232.90	0.058	203.4	0.419	582.25	0.079	226.7	1.0066
232.93	0.056	203.3	0.4128	582.33	0.072	226.3	0.9879
232.97	0.05	203.2	0.4128	582.42	0.064	225.9	0.9595
233.00	0.049	203.2	0.4065	582.50	0.046	224.7	0.9027
233.03	0.049	203.1	0.4003	582.58	0.03	222.5	0.8246
233.08	0.041	202.7	0.3897	582.67	0.019	220.4	0.6347
233.12	0.038	202.7	0.3835	582.75	0.004	218.1	0.4616
233.15	0.038	202.4	0.3719	582.83	-0.012	215	0.2406
233.18	0.035	202	0.3551	582.92	-0.024	211.6	0.0302
233.20	0.027	201.4	0.3338	583.00	-0.04	206.7	-0.2361
233.23	0.024	200.9	0.3169	583.08	-0.053	202.9	-0.4083
233.27	0.021	200.2	0.2938	583.17	-0.062	199.3	-0.5415
233.30	0.012	199.5	0.2938	583.25	-0.067	196.6	-0.6258
233.33	0.008	199.5	0.2627	583.33	-0.072	194.3	-0.687
233.37	0.008	198.9	0.2379	583.42	-0.073	192.9	-0.7181
233.40	0.005	198	0.2068	583.50	-0.071	192.2	-0.7261
233.43	-0.004	197.1	0.1695	583.58	-0.067	192.5	-0.7172
233.47	-0.007	196.3	0.1411	583.67	-0.059	193.4	-0.6968
233.50	-0.011	195.2	0.1083	583.75	-0.047	195.4	-0.6515
233.53	-0.02	194.2	0.1083	583.83	-0.039	197.2	-0.5938
233.57	-0.02	194.2	0.0701	583.92	-0.025	200	-0.5033
233.60	-0.022	193.4	0.0417	584.00	-0.004	203	-0.3737
233.63	-0.027	192.2	0.0089	584.08	0.01	208	-0.2148
233.67	-0.032	191.3	-0.0186	584.17	0.023	211.2	0.095
233.70	-0.034	190.6	-0.0408	584.25	0.039	214.5	0.3204
233.73	-0.039	189.5	-0.0408	584.33	0.052	217.5	0.5281
233.77	-0.042	188.7	-0.0657	584.43	0.066	220.7	0.664
233.80	-0.042	188.7	-0.0861	584.50	0.074	222.6	0.8433
233.83	-0.044	188	-0.1021	584.58	0.081	224.1	0.9285
233.87	-0.047	187.1	-0.1189	584.67	0.085	225.4	0.98
233.90	-0.049	186.4	-0.1323	584.75	0.086	226.1	1.0057
233.93	-0.05	185.9	-0.1402	584.83	0.085	226.6	1.0128
233.97	-0.051	185.3	-0.1402	584.92	0.078	226.7	1.0092
234.00	-0.052	184.9	-0.1473	585.00	0.07	226.3	0.9942
234.03	-0.052	184.9	-0.1518	585.08	0.061	225.8	0.948
234.07	-0.051	184.6	-0.1544	585.17	0.047	224.4	0.8859
234.10	-0.051	184.3	-0.1562	585.25	0.036	222.8	0.7944
234.13	-0.05	184.2	-0.1562	585.33	0.022	221.2	0.6702
234.17	-0.049	184	-0.1544	585.42	0.006	218.6	0.4971
234.20	-0.047	184.1	-0.1544	585.50	-0.016	214.1	0.292
234.23	-0.045	184.1	-0.1518	585.58	-0.029	210.4	-0.0506
234.27	-0.045	184.1	-0.1473	585.67	-0.04	207.1	-0.2352
234.30	-0.043	184.2	-0.142	585.75	-0.054	202.8	-0.4181
234.33	-0.037	184.5	-0.1349	585.85	-0.064	198.2	-0.5379
234.37	-0.035	184.7	-0.1269	585.92	-0.068	195.9	-0.6418
234.40	-0.033	185.2	-0.1145	586.00	-0.072	193.8	-0.6968
234.43	-0.025	185.8	-0.1145	586.08	-0.073	192.7	-0.7217
234.47	-0.023	185.8	-0.0985	586.17	-0.072	192.2	-0.727
234.52	-0.021	186.6	-0.0772	586.25	-0.068	192.3	-0.7208
234.55	-0.014	187.3	-0.0772	586.33	-0.057	193.3	-0.703
234.58	-0.011	187.3	-0.055	586.42	-0.044	195.8	-0.6684
234.62	-0.011	187.9	-0.0346	586.50	-0.037	198	-0.5752
234.65	-0.007	188.8	-0.0071	586.58	-0.022	200.5	-0.4802
234.67	0.002	189.6	0.0275	586.67	-0.008	203.7	-0.34
234.70	0.005	190.3	0.0524	586.75	0.004	207.1	-0.174
234.73	0.01	191.3	0.0843	586.83	0.02	210.3	0.032
234.77	0.018	192.2	0.0843	586.92	0.042	213.7	0.2583
234.80	0.018	192.2	0.1207	587.00	0.055	218	0.4642
234.83	0.021	192.9	0.1491	587.08	0.064	220.4	0.7199
234.87	0.027	194	0.1855	587.17	0.074	222.4	0.8433

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
234.90	0.033	194.9	0.2175	587.25	0.081	224	0.9267
234.93	0.035	195.7	0.2441	587.35	0.085	225.6	0.9737
234.97	0.041	196.6	0.2441	587.42	0.086	226.3	1.0084
235.00	0.045	197.4	0.2761	587.50	0.085	226.7	1.0128
235.03	0.045	197.4	0.3009	587.58	0.079	226.8	1.0066
235.07	0.048	198.1	0.3231	587.67	0.074	226.5	0.9888
235.10	0.052	198.9	0.3462	587.75	0.063	226	0.9613
235.13	0.056	199.6	0.3648	587.83	0.046	224.8	0.9027
235.17	0.057	200.1	0.3781	587.92	0.031	222.6	0.8273
235.20	0.06	200.8	0.3781	588.00	0.02	220.7	0.6409
235.23	0.062	201.3	0.3923	588.08	0.003	218.2	0.4625
235.27	0.062	201.3	0.4039	588.17	-0.011	215.1	0.2441
235.30	0.062	201.7	0.4119	588.25	-0.024	211.8	0.0275
235.33	0.063	202.2	0.419	588.33	-0.039	207.9	-0.1926
235.37	0.064	202.6	0.4234	588.42	-0.055	204.1	-0.371
235.40	0.063	202.8	0.4243	588.50	-0.063	198.9	-0.4989
235.43	0.063	203.1	0.4243	588.58	-0.068	196.3	-0.6435
235.47	0.062	203.1	0.4252	588.67	-0.073	194	-0.6986
235.50	0.062	203.2	0.4252	588.77	-0.073	192.5	-0.7217
235.53	0.061	203.4	0.4225	588.83	-0.071	192.1	-0.7305
235.57	0.057	203.4	0.419	588.92	-0.067	192.3	-0.7199
235.60	0.055	203.4	0.4154	589.00	-0.058	193.5	-0.6986
235.63	0.053	203.3	0.4092	589.08	-0.049	195.3	-0.6569
235.67	0.048	203.1	0.4092	589.17	-0.039	197.1	-0.5983
235.70	0.045	203.1	0.4003	589.25	-0.024	200.1	-0.5024
235.73	0.045	203	0.3923	589.33	-0.004	204.7	-0.3764
235.77	0.042	202.6	0.3808	589.42	0.007	207.9	-0.1305
235.80	0.035	202.2	0.3657	589.50	0.023	211.1	0.0808
235.83	0.032	201.9	0.3515	589.58	0.038	214.4	0.3116
235.87	0.029	201.3	0.332	589.67	0.049	217.3	0.5042
235.90	0.02	200.6	0.332	589.75	0.062	219.7	0.6808
235.93	0.018	200.6	0.3071	589.83	0.076	222	0.8193
235.98	0.016	199.6	0.2716	589.92	0.083	224.3	0.9045
236.02	0.008	198.8	0.2716	590.00	0.085	225.4	0.9835
236.05	0.004	198.8	0.2406	590.08	0.086	226.1	1.0092
236.08	0.004	198.2	0.213	590.17	0.084	226.6	1.0128
236.10	0	197.2	0.1793	590.27	0.078	226.8	1.0101
236.13	-0.009	196.3	0.1402	590.33	0.072	226.5	0.9862
236.17	-0.012	195.5	0.1101	590.42	0.06	225.8	0.9533
236.20	-0.017	194.3	0.1101	590.50	0.049	224.6	0.8912
236.23	-0.024	193.3	0.0728	590.58	0.038	223.4	0.8095
236.27	-0.024	193.3	0.0417	590.67	0.021	221.2	0.6755
236.30	-0.025	192.6	0.016	590.75	0	217.5	0.5122
236.33	-0.031	191.4	-0.0133	590.83	-0.014	214.3	0.3133
236.37	-0.035	190.6	-0.0382	590.92	-0.027	211.1	-0.0231
236.40	-0.037	189.8	-0.0604	591.00	-0.041	207	-0.237
236.43	-0.042	188.7	-0.0604	591.08	-0.051	203.2	-0.403
236.47	-0.045	188.7	-0.0852	591.17	-0.06	200	-0.5281
236.50	-0.045	188	-0.1021	591.25	-0.068	196.8	-0.6267
236.53	-0.046	187.3	-0.1163	591.33	-0.073	193.7	-0.6861
236.57	-0.048	186.5	-0.1305	591.42	-0.073	192.7	-0.7252
236.60	-0.05	185.9	-0.1402	591.50	-0.071	192.3	-0.7288
236.63	-0.051	185.5	-0.1456	591.58	-0.066	192.5	-0.7217
236.67	-0.051	185	-0.1456	591.68	-0.057	193.6	-0.7066
236.70	-0.051	185	-0.1509	591.75	-0.049	195.6	-0.6498
236.73	-0.051	184.7	-0.1544	591.83	-0.036	197.7	-0.5858
236.77	-0.051	184.4	-0.1562	591.92	-0.022	200.6	-0.4829
236.80	-0.051	184.2	-0.1562	592.00	-0.011	203.5	-0.3559
236.83	-0.049	184	-0.1553	592.08	0.004	206.8	-0.1855
236.87	-0.048	184	-0.1527	592.17	0.027	210.2	0.0204
236.90	-0.044	184.1	-0.1527	592.25	0.041	215.1	0.2334
236.93	-0.043	184.1	-0.1491	592.33	0.052	217.9	0.5423
236.97	-0.043	184.2	-0.1438	592.42	0.065	220.2	0.7119

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
237.00	-0.04	184.5	-0.1358	592.50	0.075	222.3	0.8406
237.03	-0.034	184.9	-0.126	592.58	0.079	223.9	0.9196
237.07	-0.032	185.1	-0.1172	592.67	0.084	225.1	0.9746
237.10	-0.029	185.7	-0.103	592.75	0.086	226	1.0048
237.13	-0.021	186.3	-0.103	592.83	0.084	226.7	1.0137
237.17	-0.019	186.3	-0.0861	592.92	0.08	226.8	1.0066
237.20	-0.019	186.7	-0.0719	593.00	0.072	226.4	0.9888
237.23	-0.015	187.6	-0.0488	593.08	0.06	225.7	0.9524
237.27	-0.006	188.3	-0.0204	593.17	0.046	224.4	0.9143
237.30	-0.004	188.9	0.0009	593.25	0.035	222.9	0.7864
237.33	0.001	189.9	0.032	593.33	0.018	220.8	0.6453
237.37	0.009	190.8	0.032	593.42	0.005	218.3	0.474
237.42	0.012	191.5	0.0879	593.50	-0.009	215.6	0.2698
237.45	0.014	192.2	0.1101	593.58	-0.025	211.9	0.0346
237.48	0.021	193	0.1101	593.67	-0.044	206.3	-0.1802
237.52	0.021	193	0.1411	593.75	-0.054	202.4	-0.3506
237.55	0.025	193.8	0.1758	593.83	-0.061	199.4	-0.5521
237.57	0.031	194.9	0.2148	593.92	-0.069	196.3	-0.6427
237.60	0.037	195.8	0.245	594.00	-0.072	194.2	-0.695
237.63	0.039	196.5	0.2698	594.08	-0.073	192.9	-0.7234
237.67	0.044	197.4	0.2698	594.17	-0.072	192.4	-0.7288
237.70	0.048	198.2	0.2974	594.25	-0.065	192.7	-0.7243
237.73	0.048	198.2	0.3204	594.33	-0.057	193.9	-0.7066
237.77	0.05	198.8	0.3417	594.42	-0.049	195.3	-0.6506
237.80	0.055	199.6	0.363	594.50	-0.035	197.9	-0.5823
237.83	0.057	200.2	0.3772	594.60	-0.019	201.4	-0.5122
237.87	0.058	200.8	0.3914	594.67	-0.006	204.6	-0.3098
237.90	0.062	201.4	0.3914	594.75	0.008	207.7	-0.1331
237.93	0.062	201.4	0.4039	594.83	0.024	211.2	0.0879
237.97	0.062	201.8	0.4119	594.92	0.035	214.4	0.2867
238.00	0.063	202.2	0.4181	595.00	0.05	217.1	0.4971
238.03	0.064	202.6	0.4225	595.08	0.066	219.8	0.6755
238.07	0.063	202.9	0.4252	595.17	0.076	222.8	0.806
238.10	0.063	203.1	0.4252	595.25	0.081	224.3	0.9365
238.13	0.062	203.3	0.4252	595.33	0.085	225.4	0.9862
238.17	0.061	203.3	0.4252	595.42	0.087	226.2	1.0092
238.20	0.061	203.4	0.4243	595.50	0.085	226.7	1.0155
238.23	0.059	203.5	0.4207	595.58	0.081	226.9	1.011
238.27	0.055	203.4	0.4154	595.67	0.07	226.6	0.9942
238.30	0.053	203.4	0.411	595.75	0.058	225.6	0.9675
238.33	0.051	203.3	0.403	595.83	0.049	224.6	0.8859
238.37	0.044	202.9	0.403	595.92	0.033	222.9	0.7918
238.40	0.042	202.9	0.3932	596.02	0.015	220.2	0.6551
238.43	0.042	202.8	0.3843	596.08	0.002	217.7	0.5335
238.47	0.039	202.4	0.3701	596.17	-0.012	214.9	0.2192
238.50	0.031	201.9	0.3524	596.25	-0.028	211.1	-0.0151
238.53	0.028	201.5	0.3364	596.33	-0.04	207.4	-0.2184
238.57	0.025	200.9	0.3142	596.42	-0.05	203.9	-0.3843
238.60	0.016	200.2	0.3142	596.50	-0.06	200	-0.5264
238.63	0.012	200.2	0.2849	596.58	-0.07	195.8	-0.6205
238.67	0.012	199.6	0.2627	596.67	-0.073	193.8	-0.6835
238.70	0.009	198.9	0.2343	596.75	-0.073	192.7	-0.7243
238.73	0	197.9	0.1962	596.83	-0.072	192.3	-0.7296
238.77	-0.003	197.2	0.1687	596.92	-0.067	192.6	-0.7217
238.80	-0.007	196.3	0.1385	597.00	-0.061	193.2	-0.7012
238.83	-0.015	195.2	0.1385	597.08	-0.049	195	-0.6648
238.88	-0.016	194.5	0.0808	597.17	-0.032	198.4	-0.6036
238.92	-0.02	193.6	0.0524	597.25	-0.021	201.2	-0.4625
238.95	-0.027	192.6	0.0524	597.33	-0.007	204.1	-0.3311
238.98	-0.03	192.6	0.0178	597.42	0.007	207.5	-0.1544
239.00	-0.03	191.8	-0.0062	597.52	0.025	211.8	0.0195
239.03	-0.032	190.9	-0.0311	597.58	0.037	215.1	0.3204
239.07	-0.038	189.9	-0.0577	597.67	0.053	217.8	0.5388

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
239.10	-0.04	189.1	-0.0772	597.75	0.065	220.3	0.7092
239.13	-0.043	188.2	-0.0976	597.83	0.072	222.4	0.8264
239.17	-0.047	187.4	-0.0976	597.92	0.08	223.9	0.916
239.20	-0.048	187.4	-0.1163	598.00	0.086	225.2	0.9764
239.23	-0.048	186.7	-0.1278	598.08	0.086	226.4	1.0039
239.27	-0.049	186.1	-0.1367	598.17	0.084	226.8	1.0155
239.30	-0.051	185.5	-0.1465	598.25	0.08	226.9	1.0092
239.33	-0.051	185.1	-0.1518	598.33	0.07	226.5	0.9888
239.37	-0.051	184.8	-0.1553	598.42	0.064	226	0.9595
239.40	-0.051	184.5	-0.1553	598.50	0.05	225	0.9054
239.43	-0.051	184.5	-0.1562	598.58	0.03	222.6	0.8202
239.47	-0.051	184.3	-0.1571	598.67	0.017	220.4	0.703
239.50	-0.05	184.1	-0.1562	598.75	0.004	218.2	0.45
239.53	-0.047	184.1	-0.1536	598.83	-0.013	214.9	0.2255
239.57	-0.046	184.1	-0.15	598.93	-0.031	210.1	0
239.60	-0.043	184.3	-0.1447	599.00	-0.041	206.5	-0.1509
239.63	-0.039	184.5	-0.1447	599.08	-0.052	203	-0.4163
239.67	-0.039	184.5	-0.1385	599.17	-0.062	199.3	-0.5486
239.70	-0.037	184.7	-0.1296	599.25	-0.068	196.5	-0.6347
239.73	-0.032	185.2	-0.1189	599.33	-0.072	194.4	-0.6897
239.77	-0.028	185.6	-0.1065	599.42	-0.073	193	-0.719
239.80	-0.025	186	-0.0914	599.50	-0.071	192.3	-0.7279
239.83	-0.018	186.8	-0.0914	599.58	-0.066	192.8	-0.7163
239.87	-0.014	186.8	-0.071	599.67	-0.059	193.5	-0.695
239.90	-0.014	187.4	-0.0524	599.75	-0.047	195.6	-0.6498
239.93	-0.011	188	-0.0293	599.83	-0.037	197.8	-0.5858
239.97	-0.003	189	-0.0009	599.92	-0.025	200.1	-0.4989
240.00	0.001	189.7	0.024	600.00	-0.01	203.4	-0.3622
240.03	0.005	190.5	0.055	600.08	0.012	208.4	-0.1908
240.07	0.013	191.5	0.055	600.17	0.025	211.8	0.1225
240.10	0.017	191.5	0.0923	600.25	0.039	214.8	0.3338
240.13	0.017	192.3	0.1198	600.33	0.053	217.8	0.5494
240.17	0.021	193.2	0.1509	600.43	0.067	221	0.679
240.20	0.028	194.1	0.1873	600.50	0.074	223	0.8486
240.23	0.031	194.9	0.2148	600.58	0.081	224.3	0.9329
240.27	0.035	196	0.2459	600.67	0.086	225.6	0.9853
240.30	0.042	196.8	0.2459	600.75	0.086	226.3	1.0092
240.35	0.043	197.4	0.2974	600.83	0.085	226.8	1.0155
240.38	0.047	198.3	0.2974	600.92	0.078	227	1.0119
240.42	0.052	199	0.3196	601.00	0.068	226.5	0.9968
240.45	0.052	199	0.3409	601.08	0.062	225.7	0.9498
240.47	0.053	199.6	0.3595	601.17	0.049	224.7	0.8912
240.50	0.057	200.3	0.3772	601.25	0.033	223	0.7927
240.53	0.059	200.8	0.3914	601.33	0.023	221.2	0.6719
240.57	0.06	201.3	0.4021	601.42	0.007	218.8	0.5051
240.60	0.062	201.9	0.4021	601.50	-0.016	215.9	0.292
240.63	0.063	202.3	0.4119	601.58	-0.03	210.6	0.0763
240.67	0.063	202.3	0.419	601.67	-0.04	207.1	-0.2361
240.70	0.063	202.6	0.4234	601.75	-0.053	203.1	-0.411
240.73	0.063	202.9	0.4261	601.85	-0.063	200	-0.5237
240.77	0.063	203.2	0.427	601.92	-0.069	196	-0.6027
240.80	0.062	203.4	0.427	602.00	-0.072	194	-0.6959
240.83	0.061	203.5	0.427	602.08	-0.073	192.8	-0.7199
240.87	0.058	203.6	0.4252	602.17	-0.071	192.3	-0.7252
240.90	0.058	203.6	0.4225	602.25	-0.068	192.4	-0.719
240.93	0.057	203.6	0.4181	602.33	-0.06	193.4	-0.7003
240.97	0.053	203.4	0.4119	602.42	-0.045	195.9	-0.6622
241.00	0.05	203.3	0.4057	602.50	-0.034	198.3	-0.6107
241.03	0.047	203.2	0.3959	602.58	-0.023	200.7	-0.4704
241.07	0.041	202.8	0.3959	602.67	-0.007	204.1	-0.3267
241.10	0.038	202.8	0.3843	602.75	0.006	207.4	-0.1553
241.13	0.038	202.6	0.3728	602.83	0.02	210.6	0.0479
241.17	0.035	202.1	0.3568	602.92	0.036	214.1	0.2761

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
241.20	0.026	201.5	0.3355	603.00	0.056	218.4	0.4971
241.23	0.024	201.1	0.3187	603.08	0.066	220.8	0.6604
241.27	0.02	200.4	0.2938	603.17	0.074	222.6	0.8521
241.30	0.011	199.7	0.2938	603.25	0.081	224.2	0.9338
241.33	0.009	199.7	0.2627	603.33	0.086	225.8	0.9773
241.37	0.009	199	0.2379	603.42	0.086	226.5	1.0155
241.40	0.004	198.1	0.205	603.50	0.085	226.9	1.0199
241.43	-0.004	197.2	0.1687	603.58	0.079	227	1.0128
241.47	-0.007	196.5	0.1394	603.67	0.073	226.6	0.995
241.50	-0.013	195.3	0.1394	603.75	0.064	226.2	0.9666
241.53	-0.019	194.3	0.103	603.83	0.046	225	0.9081
241.57	-0.019	194.3	0.0701	603.92	0.03	222.7	0.8308
241.60	-0.021	193.6	0.0426	604.00	0.02	220.6	0.6444
241.63	-0.028	192.4	0.008	604.08	0.004	218.3	0.4678
241.67	-0.032	191.5	-0.0178	604.17	-0.012	215.2	0.2432
241.70	-0.034	190.7	-0.0399	604.25	-0.024	211.7	0.0284
241.73	-0.039	189.7	-0.0399	604.33	-0.038	208.2	-0.1864
241.78	-0.04	189	-0.0817	604.42	-0.055	204	-0.3772
241.82	-0.043	188.2	-0.0985	604.50	-0.064	199	-0.5024
241.83	-0.047	187.4	-0.0985	604.58	-0.068	196.3	-0.6427
241.87	-0.048	187.4	-0.1145	604.67	-0.072	194.1	-0.7003
241.92	-0.048	186.7	-0.1269	604.77	-0.073	192.9	-0.7243
241.93	-0.049	186.2	-0.1358	604.83	-0.071	192.3	-0.7314
241.97	-0.051	185.6	-0.1447	604.92	-0.067	192.6	-0.7208
242.00	-0.051	185.2	-0.1509	605.00	-0.059	193.6	-0.7003
242.03	-0.051	184.8	-0.1544	605.08	-0.047	195.5	-0.656
242.07	-0.051	184.5	-0.1544	605.17	-0.04	197.3	-0.6009
242.10	-0.051	184.5	-0.1562	605.25	-0.025	200.1	-0.5077
242.13	-0.051	184.3	-0.1562	605.33	-0.004	204.8	-0.3772
242.17	-0.05	184.2	-0.1562	605.42	0.01	208.2	-0.2157
242.20	-0.048	184.1	-0.1536	605.50	0.023	211.4	0.0923
242.23	-0.046	184.1	-0.15	605.58	0.039	214.7	0.3169
242.27	-0.044	184.2	-0.1447	605.67	0.052	217.7	0.5344
242.30	-0.039	184.5	-0.1447	605.75	0.062	219.9	0.6888
242.33	-0.037	184.5	-0.1385	605.83	0.073	222.2	0.8255
242.37	-0.037	184.7	-0.1314	605.92	0.082	224.5	0.9107
242.40	-0.034	185.1	-0.1207	606.00	0.086	225.6	0.9693
242.43	-0.027	185.6	-0.1065	606.08	0.086	226.4	1.0137
242.47	-0.024	186	-0.0941	606.18	0.085	226.8	1.0199
242.50	-0.021	186.6	-0.0772	606.25	0.078	227	1.0172
242.53	-0.013	187.4	-0.0772	606.33	0.07	226.4	0.9879
242.57	-0.01	187.4	-0.0533	606.42	0.061	226	0.956
242.60	-0.01	188	-0.0328	606.50	0.047	224.7	0.8921
242.63	-0.006	188.8	-0.008	606.58	0.036	223.1	0.8015
242.67	0.002	189.7	0.024	606.67	0.022	221.4	0.6755
242.70	0.005	190.4	0.0506	606.75	0.006	218.8	0.5042
242.73	0.009	191.3	0.0834	606.83	-0.016	214.2	0.2947
242.77	0.018	192.3	0.0834	606.92	-0.027	210.9	-0.0222
242.80	0.021	192.3	0.1198	607.00	-0.04	207.4	-0.2228
242.83	0.021	193.1	0.1465	607.08	-0.053	203.2	-0.4074
242.87	0.024	194	0.1793	607.17	-0.06	200	-0.5255
242.90	0.033	195	0.2175	607.25	-0.067	197	-0.6196
242.93	0.036	195.8	0.2432	607.33	-0.073	194.5	-0.6861
242.97	0.039	196.7	0.2716	607.42	-0.073	192.9	-0.7154
243.00	0.046	197.5	0.2716	607.50	-0.072	192.4	-0.727
243.03	0.048	197.5	0.3018	607.58	-0.067	192.7	-0.7181
243.07	0.048	198.2	0.3231	607.68	-0.058	193.5	-0.7021
243.10	0.051	199	0.3444	607.75	-0.044	196.1	-0.6657
243.13	0.055	199.7	0.3648	607.83	-0.037	198	-0.5779
243.17	0.057	200.3	0.379	607.92	-0.022	200.7	-0.4829
243.20	0.059	201	0.379	608.00	-0.008	203.9	-0.3426
243.25	0.061	201.4	0.4039	608.08	0.004	207.2	-0.1713
243.28	0.062	201.9	0.4119	608.17	0.021	210.6	0.0408

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
243.32	0.063	202.3	0.419	608.25	0.042	213.9	0.2636
243.35	0.064	202.7	0.419	608.33	0.055	218.2	0.4642
243.37	0.064	202.7	0.4243	608.42	0.064	220.5	0.7199
243.40	0.063	203	0.4261	608.50	0.075	222.6	0.8521
243.43	0.063	203.2	0.427	608.58	0.082	224.2	0.9311
243.47	0.062	203.4	0.427	608.67	0.084	225.4	0.9826
243.50	0.062	203.6	0.427	608.75	0.086	226.2	1.0119
243.53	0.06	203.6	0.4234	608.83	0.084	226.9	1.0199
243.57	0.056	203.6	0.4234	608.92	0.079	226.9	1.0163
243.60	0.054	203.6	0.4199	609.00	0.072	226.7	0.9906
243.63	0.054	203.6	0.4145	609.10	0.06	225.8	0.9578
243.67	0.052	203.4	0.4083	609.17	0.045	224.4	0.9143
243.70	0.046	203.2	0.3986	609.25	0.033	222.7	0.7767
243.73	0.044	203.1	0.3879	609.33	0.019	220.9	0.648
243.77	0.039	202.6	0.3879	609.42	0.004	218.3	0.4722
243.80	0.033	202.2	0.3746	609.50	-0.009	215.4	0.2681
243.83	0.033	202.2	0.3604	609.58	-0.024	212.2	0.0391
243.87	0.031	201.9	0.3426	609.67	-0.043	208.2	-0.1829
243.90	0.024	201.2	0.3196	609.75	-0.055	202.5	-0.3506
243.93	0.019	200.6	0.2982	609.83	-0.061	199.3	-0.5512
243.97	0.016	200.1	0.2734	609.92	-0.068	196.5	-0.6418
244.00	0.008	199.1	0.2734	610.00	-0.073	194.2	-0.6977
244.03	0.003	199.1	0.2388	610.08	-0.073	193	-0.7234
244.07	0.003	198.4	0.2104	610.17	-0.072	192.4	-0.7305
244.10	0	197.7	0.1802	610.25	-0.065	192.6	-0.7252
244.13	-0.008	196.6	0.1438	610.33	-0.056	194.1	-0.7083
244.17	-0.012	195.8	0.1154	610.42	-0.049	195.7	-0.6498
244.20	-0.015	194.8	0.0834	610.50	-0.036	197.9	-0.5876
244.23	-0.023	193.7	0.0834	610.60	-0.02	200.2	-0.5104
244.27	-0.026	193.7	0.0453	610.67	-0.005	204.7	-0.3959
244.30	-0.026	192.8	0.0178	610.75	0.007	208	-0.1331
244.33	-0.029	191.8	-0.0089	610.83	0.023	211.3	0.0834
244.37	-0.036	190.8	-0.0391	610.92	0.038	214.6	0.3098
244.40	-0.037	190	-0.0604	611.00	0.049	217.5	0.5086
244.43	-0.04	189.1	-0.0826	611.08	0.063	220	0.6897
244.47	-0.045	188.2	-0.0826	611.17	0.076	222.3	0.8246
244.50	-0.046	188.2	-0.103	611.25	0.082	224.5	0.9081
244.53	-0.046	187.6	-0.1163	611.33	0.085	225.6	0.9906
244.57	-0.048	186.8	-0.1287	611.42	0.086	226.4	1.0128
244.60	-0.051	186.2	-0.1402	611.50	0.084	226.9	1.0172
244.63	-0.051	185.7	-0.1465	611.58	0.081	227.1	1.0119
244.68	-0.051	185.3	-0.1518	611.67	0.073	226.8	0.9977
244.72	-0.051	184.9	-0.1553	611.75	0.058	225.7	0.9666
244.75	-0.051	184.6	-0.1571	611.83	0.046	224.4	0.9187
244.78	-0.051	184.4	-0.158	611.92	0.035	223.1	0.79
244.82	-0.05	184.2	-0.158	612.02	0.021	221.3	0.6737
244.83	-0.05	184.2	-0.158	612.08	0	217.6	0.5193
244.87	-0.048	184.1	-0.1553	612.17	-0.014	214.5	0.316
244.90	-0.046	184.2	-0.1518	612.25	-0.027	211.3	-0.0178
244.93	-0.043	184.3	-0.1482	612.33	-0.042	207.2	-0.237
244.97	-0.041	184.4	-0.1411	612.42	-0.051	203.2	-0.4083
245.00	-0.038	184.8	-0.1411	612.50	-0.06	200.2	-0.5299
245.03	-0.033	185.1	-0.1331	612.58	-0.068	197	-0.6276
245.07	-0.033	185.1	-0.1234	612.67	-0.073	193.8	-0.687
245.10	-0.031	185.4	-0.111	612.75	-0.073	192.8	-0.7252
245.13	-0.025	186.1	-0.0959	612.83	-0.071	192.4	-0.7296
245.17	-0.02	186.6	-0.0799	612.92	-0.066	192.7	-0.7225
245.20	-0.017	187.2	-0.0595	613.00	-0.06	193.8	-0.6995
245.23	-0.01	188.1	-0.0595	613.08	-0.051	195	-0.664
245.27	-0.005	188.1	-0.0346	613.17	-0.037	197.6	-0.5992
245.30	-0.005	188.7	-0.0115	613.25	-0.018	201.6	-0.5113
245.33	-0.002	189.5	0.0151	613.33	-0.008	204.6	-0.3204
245.37	0.006	190.5	0.0506	613.42	0.008	207.8	-0.1429

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
245.40	0.01	191.2	0.0772	613.50	0.026	210.6	0.008
245.43	0.014	192.2	0.1101	613.58	0.041	215.4	0.2237
245.47	0.022	193.1	0.1101	613.67	0.052	218.3	0.553
245.50	0.026	193.1	0.1491	613.75	0.064	220.6	0.7172
245.53	0.026	193.9	0.1749	613.83	0.075	222.7	0.8433
245.57	0.029	194.8	0.2059	613.92	0.079	224.2	0.9214
245.60	0.036	195.8	0.2406	614.00	0.085	225.4	0.9782
245.63	0.04	196.6	0.2681	614.08	0.086	226.3	1.0075
245.67	0.042	197.4	0.2956	614.17	0.084	227	1.0163
245.70	0.049	198.3	0.2956	614.25	0.08	227	1.0092
245.73	0.051	198.3	0.324	614.33	0.071	226.7	0.9915
245.77	0.051	198.9	0.3426	614.42	0.06	225.9	0.9551
245.80	0.053	199.7	0.3613	614.50	0.052	225.1	0.9018
245.83	0.058	200.3	0.3799	614.58	0.037	223.5	0.8184
245.87	0.059	200.9	0.3932	614.67	0.015	221.5	0.687
245.90	0.061	201.5	0.3932	614.75	0.001	217.9	0.5352
245.93	0.063	202	0.4048	614.83	-0.012	215	0.2184
245.97	0.063	202	0.4145	614.93	-0.028	211.3	-0.0133
246.00	0.063	202.3	0.4199	615.00	-0.043	206.5	-0.1713
246.03	0.063	202.7	0.4243	615.08	-0.054	202.5	-0.3462
246.07	0.063	203	0.427	615.17	-0.061	199.4	-0.553
246.10	0.063	203.3	0.4278	615.25	-0.069	196.4	-0.6418
246.15	0.062	203.5	0.4278	615.33	-0.072	194.2	-0.6977
246.18	0.062	203.7	0.4278	615.42	-0.073	193.1	-0.7234
246.22	0.06	203.8	0.4243	615.50	-0.072	192.5	-0.7296
246.25	0.057	203.7	0.4243	615.58	-0.065	192.8	-0.7252
246.27	0.054	203.7	0.4207	615.67	-0.058	194.1	-0.6932
246.30	0.054	203.7	0.4154	615.75	-0.049	195.5	-0.6533
246.33	0.052	203.6	0.4083	615.83	-0.035	198.1	-0.5841
246.37	0.047	203.3	0.3994	615.92	-0.024	200.8	-0.4855
246.40	0.043	203.1	0.3906	616.00	-0.011	203.5	-0.3639
246.43	0.041	202.9	0.379	616.08	0.011	207	-0.1926
246.47	0.034	202.3	0.379	616.17	0.026	212	0.0027
246.50	0.03	202.3	0.363	616.25	0.038	215.2	0.3355
246.53	0.03	201.9	0.3471	616.35	0.053	217.9	0.5423
246.57	0.027	201.5	0.3275	616.42	0.066	220.1	0.6737
246.60	0.019	200.7	0.3	616.50	0.076	223.1	0.8015
246.63	0.015	200.1	0.2769	616.58	0.081	224.6	0.9365
246.67	0.011	199.5	0.2477	616.67	0.085	225.7	0.9871
246.70	0.003	198.5	0.2477	616.75	0.086	226.5	1.011
246.73	-0.002	198.5	0.2121	616.83	0.085	227	1.0172
246.77	-0.002	197.7	0.1829	616.92	0.081	227.1	1.0128
246.80	-0.004	196.9	0.1536	617.00	0.069	226.7	0.9968
246.83	-0.013	195.9	0.1163	617.08	0.058	225.8	0.9693
246.87	-0.016	195	0.0861	617.17	0.05	224.9	0.8903
246.90	-0.019	194	0.0541	617.25	0.033	223.2	0.7944
246.93	-0.027	192.9	0.0541	617.33	0.02	221.1	0.6569
246.97	-0.03	192.9	0.0178	617.42	0.007	219	0.4962
247.00	-0.03	192.1	-0.0062	617.50	-0.01	215.8	0.2734
247.03	-0.032	191.1	-0.032	617.58	-0.031	210.5	0.0506
247.07	-0.038	190.1	-0.0604	617.67	-0.042	206.7	-0.1544
247.10	-0.041	189.3	-0.0799	617.75	-0.052	203.2	-0.4207
247.13	-0.043	188.4	-0.0976	617.85	-0.061	199.9	-0.537
247.17	-0.047	187.6	-0.0976	617.92	-0.07	195.8	-0.6205
247.20	-0.048	187.6	-0.1163	618.00	-0.072	193.9	-0.6844
247.23	-0.048	187	-0.1278	618.08	-0.073	192.9	-0.7261
247.27	-0.049	186.3	-0.1376	618.17	-0.071	192.4	-0.7296
247.30	-0.051	185.8	-0.1473	618.25	-0.067	192.7	-0.7225
247.33	-0.051	185.3	-0.1518	618.33	-0.061	193.4	-0.703
247.37	-0.051	185	-0.1553	618.42	-0.049	195.2	-0.6648
247.40	-0.051	184.7	-0.1553	618.50	-0.032	198.6	-0.6045
247.43	-0.051	184.7	-0.1571	618.58	-0.021	201.4	-0.4598
247.47	-0.051	184.5	-0.1571	618.67	-0.007	204.3	-0.3222

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
247.50	-0.05	184.3	-0.1571	618.75	0.009	207.9	-0.1349
247.53	-0.048	184.3	-0.1553	618.83	0.02	211.1	0.0533
247.57	-0.046	184.3	-0.1509	618.92	0.035	214.2	0.2716
247.62	-0.044	184.3	-0.1491	619.00	0.055	217.3	0.5015
247.63	-0.041	184.4	-0.1438	619.08	0.067	221	0.6631
247.68	-0.039	184.6	-0.1367	619.17	0.074	223	0.8548
247.72	-0.036	185.1	-0.1269	619.27	0.081	224.4	0.9329
247.73	-0.029	185.5	-0.1269	619.33	0.085	225.5	0.9782
247.77	-0.027	185.5	-0.1136	619.42	0.086	226.7	1.0075
247.80	-0.027	185.9	-0.1012	619.50	0.084	227.1	1.0199
247.83	-0.023	186.6	-0.0843	619.58	0.08	227.2	1.0128
247.87	-0.015	187.3	-0.063	619.67	0.07	226.8	0.9942
247.90	-0.013	187.8	-0.0417	619.75	0.064	226.3	0.964
247.93	-0.006	188.8	-0.0417	619.83	0.051	225.2	0.9089
247.97	0	189.5	-0.0124	619.92	0.031	222.9	0.822
248.00	0	189.5	0.0151	620.00	0.017	220.7	0.7101
248.03	0.003	190.2	0.0426	620.08	0.004	218.4	0.4518
248.07	0.01	191.3	0.0772	620.17	-0.013	215.2	0.2317
248.10	0.015	192.1	0.1065	620.25	-0.026	211.7	0.0062
248.13	0.018	192.9	0.1385	620.33	-0.038	208.2	-0.1962
248.17	0.026	194	0.1385	620.42	-0.051	204.1	-0.3817
248.20	0.03	194	0.1758	620.50	-0.063	199	-0.5157
248.23	0.03	194.7	0.2033	620.58	-0.069	196.1	-0.6089
248.27	0.033	195.6	0.2334	620.67	-0.072	194.2	-0.703
248.30	0.04	196.6	0.2681	620.77	-0.073	193	-0.727
248.33	0.044	197.3	0.2929	620.83	-0.071	192.4	-0.7323
248.37	0.046	198.1	0.316	620.92	-0.066	192.9	-0.7288
248.40	0.051	198.9	0.316	621.00	-0.059	193.7	-0.7003
248.43	0.053	198.9	0.34	621.08	-0.047	195.7	-0.6577
248.47	0.053	199.6	0.3577	621.17	-0.037	198	-0.5912
248.50	0.056	200.3	0.3764	621.25	-0.025	200.3	-0.5042
248.53	0.06	200.9	0.3923	621.33	-0.01	203.6	-0.3666
248.57	0.06	201.4	0.403	621.42	0.012	208.7	-0.1935
248.60	0.062	201.9	0.4128	621.50	0.025	212.1	0.1207
248.63	0.063	202.4	0.4128	621.58	0.039	215.1	0.3355
248.67	0.064	202.4	0.4207	621.67	0.054	218.1	0.5548
248.70	0.064	202.7	0.4252	621.75	0.062	220.5	0.6932
248.73	0.063	203	0.427	621.83	0.072	222.5	0.822
248.77	0.063	203.3	0.4287	621.92	0.082	224.1	0.916
248.80	0.062	203.5	0.4287	622.00	0.086	225.9	0.9702
248.83	0.062	203.7	0.4278	622.08	0.086	226.6	1.0128
248.87	0.058	203.7	0.4278	622.18	0.084	227.1	1.0181
248.90	0.057	203.7	0.4243	622.25	0.079	227.3	1.0155
248.93	0.057	203.8	0.4207	622.33	0.068	226.7	1.0004
248.97	0.055	203.7	0.4154	622.42	0.062	226	0.9524
249.00	0.049	203.5	0.4074	622.50	0.049	225	0.8947
249.05	0.047	203.4	0.4021	622.58	0.033	223.3	0.7971
249.08	0.046	203.2	0.395	622.67	0.023	221.6	0.6773
249.12	0.039	202.9	0.3835	622.75	0.006	219.1	0.506
249.15	0.037	202.6	0.3701	622.83	-0.016	216.1	0.2894
249.17	0.033	202.1	0.3524	622.92	-0.029	210.9	0.0763
249.20	0.024	201.5	0.3524	623.00	-0.04	207.4	-0.2414
249.23	0.022	201.5	0.3275	623.08	-0.053	203.3	-0.4199
249.27	0.022	201	0.3098	623.17	-0.061	199.9	-0.5423
249.30	0.018	200.3	0.284	623.25	-0.067	197.1	-0.632
249.33	0.009	199.5	0.2512	623.33	-0.072	194.7	-0.695
249.37	0.006	198.9	0.2263	623.42	-0.073	193	-0.7234
249.40	0.001	197.9	0.1926	623.50	-0.071	192.6	-0.7332
249.43	-0.006	197	0.1926	623.58	-0.067	192.8	-0.7234
249.47	-0.006	197	0.1553	623.67	-0.061	193.5	-0.7101
249.50	-0.009	196.3	0.1252	623.75	-0.045	196.2	-0.6711
249.53	-0.015	195	0.0879	623.83	-0.035	198.5	-0.6187
249.57	-0.022	194.1	0.0559	623.92	-0.023	201	-0.4793

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
249.60	-0.024	193.3	0.0302	624.00	-0.006	204.5	-0.332
249.63	-0.029	192.2	0.0302	624.08	0.006	207.8	-0.1571
249.67	-0.034	191.3	-0.0027	624.17	0.02	210.9	0.047
249.70	-0.034	191.3	-0.0293	624.25	0.036	214.4	0.2805
249.73	-0.036	190.5	-0.0515	624.33	0.056	218.7	0.4944
249.77	-0.041	189.5	-0.0772	624.42	0.065	221.1	0.6586
249.80	-0.043	188.7	-0.0959	624.50	0.074	222.9	0.8486
249.83	-0.045	187.9	-0.1118	624.58	0.082	224.5	0.9373
249.87	-0.048	187.1	-0.1118	624.67	0.085	225.7	0.9862
249.90	-0.049	187.1	-0.126	624.75	0.086	226.5	1.011
249.93	-0.049	186.5	-0.1367	624.83	0.084	227	1.0181
249.97	-0.05	185.9	-0.1456	624.92	0.078	227.1	1.0146
250.00	-0.052	185.5	-0.1518	625.00	0.072	226.7	0.9897
250.03	-0.052	185.1	-0.1553	625.10	0.062	226.1	0.9613
250.07	-0.052	184.8	-0.1571	625.17	0.046	225.3	0.9107
250.10	-0.051	184.6	-0.1571	625.25	0.031	223	0.8317
250.13	-0.05	184.6	-0.158	625.33	0.02	221	0.6418
250.17	-0.05	184.4	-0.158	625.42	0.003	218.5	0.4633
250.20	-0.049	184.4	-0.1553	625.50	-0.011	215.5	0.2432
250.23	-0.045	184.4	-0.1518	625.58	-0.024	212.2	0.0249
250.27	-0.044	184.4	-0.1473	625.67	-0.039	208.3	-0.1944
250.30	-0.042	184.7	-0.1411	625.75	-0.055	204.4	-0.3781
250.33	-0.036	185	-0.1411	625.83	-0.063	199.2	-0.5095
250.37	-0.034	185	-0.1323	625.92	-0.068	196.6	-0.6471
250.40	-0.034	185.2	-0.1243	626.00	-0.072	194.3	-0.7039
250.43	-0.031	185.8	-0.111	626.08	-0.073	193.2	-0.727
250.47	-0.023	186.4	-0.0941	626.17	-0.072	192.6	-0.7341
250.52	-0.021	186.8	-0.0834	626.25	-0.068	192.7	-0.7296
250.55	-0.019	187.3	-0.0701	626.33	-0.056	194.2	-0.7092
250.58	-0.012	187.9	-0.047	626.42	-0.046	196.2	-0.6773
250.62	-0.008	188.6	-0.0213	626.52	-0.037	198.1	-0.5858
250.63	-0.002	189.6	-0.0213	626.58	-0.025	200.4	-0.5148
250.67	0.005	190.4	0.0115	626.67	-0.004	205.2	-0.3799
250.70	0.005	190.4	0.0426	626.75	0.01	208.5	-0.2148
250.73	0.007	191.1	0.0692	626.83	0.024	211.7	0.0968
250.77	0.014	192.1	0.1039	626.92	0.04	215.1	0.3275
250.80	0.02	193	0.1358	627.00	0.052	218	0.5335
250.83	0.023	193.7	0.1642	627.08	0.062	220.3	0.6915
250.87	0.029	194.8	0.1642	627.17	0.073	222.5	0.8299
250.90	0.034	195.7	0.2006	627.25	0.083	224.9	0.9143
250.93	0.034	195.7	0.2326	627.33	0.085	226	0.9924
250.97	0.037	196.5	0.261	627.42	0.086	226.7	1.0146
251.00	0.043	197.4	0.292	627.50	0.084	227.1	1.019
251.03	0.047	198.2	0.316	627.58	0.081	227.2	1.0137
251.07	0.049	198.8	0.3364	627.67	0.074	227	0.9986
251.10	0.054	199.7	0.3364	627.75	0.059	226.3	0.9658
251.13	0.056	200.3	0.3586	627.83	0.044	224.6	0.916
251.17	0.056	200.3	0.3737	627.92	0.035	223	0.7847
251.20	0.058	200.8	0.3888	628.02	0.022	221.5	0.6746
251.23	0.061	201.5	0.403	628.08	0	219.1	0.5122
251.27	0.062	201.9	0.4119	628.17	-0.015	214.7	0.3151
251.30	0.062	202.4	0.4181	628.25	-0.026	211.2	-0.024
251.33	0.063	202.8	0.4181	628.33	-0.041	207.5	-0.2334
251.37	0.064	202.8	0.4234	628.42	-0.053	203.5	-0.4136
251.40	0.064	203.1	0.4278	628.50	-0.059	200.3	-0.5344
251.43	0.063	203.3	0.4287	628.58	-0.068	197.1	-0.6311
251.47	0.062	203.5	0.4287	628.67	-0.073	194.8	-0.6932
251.50	0.062	203.8	0.4287	628.75	-0.073	193	-0.7234
251.53	0.06	203.8	0.4252	628.83	-0.072	192.6	-0.735
251.57	0.056	203.8	0.4252	628.92	-0.067	192.8	-0.7279
251.60	0.054	203.8	0.4207	629.00	-0.058	194	-0.7039
251.63	0.054	203.8	0.4163	629.08	-0.051	195.2	-0.6684
251.67	0.052	203.6	0.4092	629.17	-0.037	197.7	-0.6063

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
251.70	0.046	203.4	0.4003	629.25	-0.019	201.7	-0.5148
251.73	0.044	203.2	0.3914	629.33	-0.006	205	-0.3977
251.77	0.04	202.8	0.3781	629.43	0.008	208.1	-0.1518
251.80	0.033	202.4	0.3781	629.50	0.019	210.9	0.0133
251.83	0.03	202.4	0.3622	629.58	0.043	215.9	0.2574
251.87	0.03	202	0.3471	629.67	0.054	218.7	0.5708
251.90	0.026	201.4	0.3258	629.75	0.064	220.9	0.7208
251.95	0.019	200.7	0.3009	629.83	0.075	223	0.8512
251.98	0.018	200.4	0.2858	629.92	0.08	224.6	0.9267
252.02	0.012	199.6	0.2565	630.00	0.085	225.7	0.9817
252.03	0.005	198.8	0.2246	630.08	0.087	226.5	1.0101
252.08	0.002	198.2	0.1962	630.17	0.084	227.2	1.0172
252.10	-0.005	197.1	0.1962	630.25	0.08	227.2	1.0101
252.13	-0.01	196.3	0.158	630.33	0.072	227	0.9906
252.17	-0.01	196.3	0.1278	630.42	0.06	226.2	0.9569
252.20	-0.014	195.5	0.0968	630.50	0.051	225	0.901
252.23	-0.02	194.3	0.0604	630.58	0.038	223.8	0.8193
252.27	-0.025	193.4	0.0311	630.67	0.016	221.7	0.6835
252.30	-0.027	192.5	0.0036	630.75	0.001	218.1	0.5317
252.33	-0.033	191.4	0.0036	630.83	-0.012	215	0.2166
252.37	-0.036	191.4	-0.0266	630.93	-0.024	212.2	0.0302
252.40	-0.036	190.6	-0.0506	631.00	-0.043	208.4	-0.1837
252.43	-0.039	189.7	-0.0728	631.08	-0.055	202.6	-0.3586
252.47	-0.043	188.7	-0.0941	631.17	-0.061	199.4	-0.5583
252.50	-0.046	188	-0.1092	631.25	-0.068	196.7	-0.6462
252.53	-0.047	187.4	-0.1234	631.33	-0.073	194.4	-0.7057
252.57	-0.05	186.6	-0.1234	631.42	-0.073	193.2	-0.7296
252.60	-0.05	186.6	-0.1358	631.50	-0.072	192.7	-0.7359
252.63	-0.05	186.1	-0.1438	631.58	-0.066	192.7	-0.7323
252.67	-0.051	185.6	-0.1491	631.67	-0.056	194.3	-0.7137
252.70	-0.052	185.2	-0.1544	631.75	-0.049	195.9	-0.6577
252.73	-0.051	184.9	-0.1562	631.83	-0.036	198.2	-0.5921
252.77	-0.051	184.7	-0.1571	631.92	-0.022	201	-0.4909
252.80	-0.05	184.5	-0.1571	632.00	-0.011	203.9	-0.3622
252.83	-0.049	184.5	-0.1571	632.08	0.005	207.2	-0.1908
252.87	-0.049	184.4	-0.1553	632.17	0.027	210.7	0.0231
252.90	-0.047	184.4	-0.1518	632.25	0.041	215.6	0.2343
252.93	-0.043	184.6	-0.1473	632.35	0.052	218.3	0.5486
252.97	-0.041	184.6	-0.142	632.42	0.062	220.4	0.6773
253.00	-0.039	185	-0.134	632.50	0.076	222.6	0.8193
253.03	-0.033	185.4	-0.134	632.58	0.082	224.9	0.9063
253.07	-0.03	185.4	-0.1234	632.67	0.085	226	0.9871
253.10	-0.03	185.7	-0.1127	632.75	0.086	226.8	1.0128
253.13	-0.027	186.3	-0.0976	632.83	0.085	227.2	1.0172
253.17	-0.019	187	-0.079	632.92	0.081	227.4	1.0119
253.20	-0.017	187.4	-0.0621	633.00	0.073	227.1	0.9968
253.23	-0.013	188.3	-0.0399	633.08	0.058	226	0.9658
253.27	-0.005	189	-0.0399	633.17	0.046	224.8	0.9178
253.30	-0.005	189	-0.0107	633.25	0.035	223.4	0.7882
253.33	-0.001	189.7	0.016	633.33	0.018	221.2	0.6462
253.37	0.004	190.7	0.0497	633.42	0.005	218.7	0.4704
253.42	0.012	191.6	0.0826	633.50	-0.009	216	0.2681
253.45	0.012	192.1	0.0985	633.58	-0.025	212.3	0.0302
253.48	0.017	193	0.1278	633.67	-0.044	206.7	-0.1829
253.52	0.024	193.9	0.1607	633.75	-0.053	202.8	-0.3568
253.53	0.027	194.7	0.1926	633.85	-0.06	200.2	-0.5415
253.57	0.033	195.8	0.1926	633.92	-0.068	197	-0.6347
253.60	0.039	196.6	0.2299	634.00	-0.073	193.9	-0.6959
253.63	0.039	196.6	0.261	634.08	-0.073	193	-0.7323
253.67	0.041	197.3	0.2832	634.17	-0.071	192.6	-0.7367
253.70	0.046	198.2	0.3124	634.25	-0.066	192.8	-0.7296
253.73	0.05	198.9	0.3355	634.33	-0.061	193.9	-0.7083
253.77	0.052	199.6	0.3542	634.42	-0.051	195.2	-0.6728

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
253.80	0.056	200.3	0.3542	634.50	-0.033	197.7	-0.6063
253.83	0.059	200.9	0.3737	634.58	-0.019	201.6	-0.5246
253.87	0.059	200.9	0.3888	634.67	-0.008	204.8	-0.3284
253.90	0.059	201.4	0.4003	634.75	0.008	208.1	-0.1456
253.93	0.062	202	0.411	634.83	0.023	211.5	0.0728
253.97	0.063	202.4	0.419	634.92	0.035	214.8	0.2867
254.00	0.063	202.8	0.4243	635.00	0.05	217.6	0.4989
254.03	0.063	203.2	0.4243	635.08	0.067	220.2	0.6808
254.07	0.063	203.4	0.4278	635.17	0.076	223.3	0.8086
254.10	0.063	203.4	0.4296	635.27	0.081	224.6	0.9276
254.13	0.063	203.6	0.4296	635.33	0.084	225.7	0.9737
254.17	0.062	203.9	0.4296	635.42	0.086	226.6	1.0057
254.20	0.06	203.9	0.427	635.50	0.084	227.3	1.0155
254.23	0.058	204	0.4225	635.58	0.08	227.4	1.0084
254.27	0.054	203.9	0.4225	635.67	0.071	227	0.9906
254.30	0.051	203.9	0.4172	635.75	0.061	226.2	0.9542
254.33	0.051	203.8	0.4119	635.83	0.052	225.4	0.9018
254.37	0.049	203.6	0.403	635.92	0.036	223.8	0.8149
254.40	0.043	203.3	0.3923	636.00	0.015	220.7	0.687
254.43	0.04	203.1	0.3817	636.08	0.002	218.1	0.5335
254.47	0.037	202.6	0.3666	636.17	-0.012	215.3	0.2139
254.50	0.029	202.1	0.3666	636.25	-0.028	211.5	-0.0204
254.53	0.026	202.1	0.348	636.33	-0.039	207.7	-0.2281
254.57	0.026	201.7	0.3311	636.42	-0.05	204.2	-0.3941
254.60	0.023	201.1	0.308	636.50	-0.061	200.4	-0.5344
254.63	0.014	200.3	0.2778	636.58	-0.07	196.1	-0.6284
254.67	0.01	199.8	0.253	636.68	-0.072	194.2	-0.711
254.70	0.007	199	0.2228	636.75	-0.073	193.1	-0.7332
254.73	-0.002	198	0.2228	636.83	-0.071	192.6	-0.7394
254.77	-0.006	198	0.1855	636.92	-0.065	193	-0.735
254.80	-0.006	197.2	0.1571	637.00	-0.059	194.1	-0.7039
254.85	-0.014	195.6	0.1269	637.08	-0.048	195.7	-0.6648
254.88	-0.018	195.6	0.1065	637.17	-0.035	198.2	-0.5921
254.90	-0.018	194.7	0.0772	637.25	-0.026	200.8	-0.5051
254.95	-0.021	193.8	0.0435	637.33	-0.011	203.6	-0.3764
254.98	-0.029	192.6	0.0062	637.42	0.011	207.1	-0.1979
255.00	-0.032	191.8	-0.0186	637.50	0.026	212.2	-0.0027
255.03	-0.034	190.9	-0.0426	637.58	0.038	215.4	0.3338
255.07	-0.04	189.9	-0.0426	637.67	0.053	218.2	0.5397
255.10	-0.042	189.9	-0.0683	637.75	0.065	220.7	0.7119
255.13	-0.042	189.1	-0.0861	637.83	0.072	222.8	0.8282
255.17	-0.044	188.4	-0.103	637.92	0.08	224.3	0.9178
255.20	-0.048	187.5	-0.1216	638.00	0.086	225.6	0.9764
255.23	-0.049	186.9	-0.1323	638.08	0.086	226.8	1.0057
255.27	-0.049	186.3	-0.1411	638.18	0.085	227.2	1.0181
255.30	-0.051	185.8	-0.1411	638.25	0.081	227.4	1.0146
255.33	-0.052	185.8	-0.1482	638.33	0.069	227.1	0.9977
255.37	-0.052	185.4	-0.1527	638.42	0.058	226.1	0.972
255.40	-0.051	185.1	-0.1553	638.50	0.05	225.1	0.8885
255.43	-0.051	184.8	-0.1571	638.58	0.033	223.4	0.7944
255.47	-0.05	184.6	-0.1571	638.67	0.02	221.4	0.6551
255.50	-0.049	184.5	-0.1553	638.75	0.007	219.2	0.4935
255.53	-0.047	184.5	-0.1553	638.83	-0.01	216	0.2743
255.57	-0.045	184.5	-0.1527	638.92	-0.031	210.8	0.0488
255.60	-0.045	184.5	-0.1491	639.00	-0.042	207	-0.1589
255.63	-0.043	184.8	-0.1438	639.08	-0.052	203.4	-0.4287
255.67	-0.037	185	-0.1358	639.17	-0.062	199.7	-0.5583
255.70	-0.036	185.2	-0.1278	639.25	-0.068	196.9	-0.6409
255.73	-0.033	185.7	-0.1154	639.33	-0.071	194.8	-0.7003
255.77	-0.025	186.3	-0.1154	639.42	-0.073	193.3	-0.7314
255.80	-0.023	186.3	-0.0994	639.50	-0.071	192.7	-0.7376
255.83	-0.023	186.7	-0.0861	639.60	-0.067	192.9	-0.7314
255.87	-0.019	187.5	-0.0666	639.67	-0.061	193.5	-0.711

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
255.90	-0.011	188.2	-0.0417	639.75	-0.049	195.5	-0.6737
255.93	-0.008	188.8	-0.0222	639.83	-0.032	198.8	-0.6142
255.97	-0.004	189.6	0.0053	639.92	-0.021	201.7	-0.4651
256.00	0.004	190.5	0.0053	640.00	-0.007	204.6	-0.3293
256.03	0.004	190.5	0.0391	640.08	0.008	208.1	-0.1465
256.07	0.007	191.2	0.0683	640.17	0.02	211.4	0.047
256.10	0.014	192.3	0.1047	640.25	0.036	214.5	0.2707
256.13	0.02	193.1	0.1376	640.33	0.055	217.6	0.4962
256.17	0.023	193.9	0.1678	640.42	0.067	221.3	0.6586
256.20	0.03	195	0.1678	640.50	0.074	223.2	0.8521
256.23	0.035	195.8	0.2042	640.58	0.081	224.7	0.9311
256.27	0.035	195.8	0.2326	640.67	0.086	225.9	0.9879
256.32	0.041	197.4	0.261	640.75	0.086	226.7	1.0101
256.35	0.045	197.4	0.2787	640.83	0.085	227.2	1.0181
256.38	0.045	198.1	0.3009	640.92	0.078	227.3	1.0146
256.42	0.047	198.8	0.3249	641.00	0.068	226.8	0.9995
256.43	0.053	199.6	0.3506	641.10	0.064	226.4	0.964
256.47	0.055	200.2	0.3675	641.17	0.051	225.5	0.9116
256.50	0.057	200.8	0.3835	641.25	0.031	223.9	0.8211
256.53	0.061	201.5	0.3835	641.33	0.016	220.9	0.7057
256.57	0.061	201.5	0.3986	641.42	0.004	218.5	0.45
256.60	0.061	201.9	0.4083	641.50	-0.012	215.4	0.229
256.63	0.062	202.4	0.4154	641.58	-0.027	211.8	-0.0036
256.67	0.063	202.8	0.4225	641.67	-0.037	208.4	-0.1997
256.70	0.063	203.2	0.427	641.75	-0.051	204.3	-0.3888
256.73	0.063	203.4	0.4287	641.83	-0.063	200.7	-0.5246
256.77	0.063	203.7	0.4287	641.92	-0.069	196.3	-0.6213
256.80	0.062	203.7	0.4296	642.00	-0.072	194.4	-0.711
256.83	0.062	203.9	0.4296	642.08	-0.073	193.2	-0.7341
256.87	0.061	204	0.427	642.17	-0.072	192.7	-0.7394
256.90	0.057	204	0.4243	642.25	-0.068	192.8	-0.7323
256.93	0.056	204.1	0.4199	642.33	-0.06	193.7	-0.7146
256.97	0.053	203.9	0.4128	642.42	-0.045	196.4	-0.6746
257.00	0.048	203.7	0.4128	642.52	-0.034	198.8	-0.5779
257.03	0.045	203.7	0.4048	642.58	-0.026	200.5	-0.5077
257.07	0.045	203.5	0.3968	642.67	-0.01	203.9	-0.371
257.10	0.043	203.2	0.3852	642.75	0.012	208.9	-0.1988
257.13	0.035	202.8	0.3693	642.83	0.025	212.4	-0.0053
257.17	0.032	202.4	0.3568	642.92	0.039	215.3	0.3329
257.20	0.029	201.8	0.3364	643.00	0.054	218.3	0.5503
257.23	0.021	201.2	0.3364	643.08	0.063	220.8	0.7101
257.27	0.017	201.2	0.3107	643.17	0.072	222.8	0.8317
257.30	0.017	200.7	0.2894	643.25	0.081	224.4	0.9223
257.33	0.014	199.9	0.2601	643.33	0.086	226.2	0.9764
257.37	0.004	199	0.2237	643.42	0.086	226.9	1.0146
257.40	0.001	198.4	0.1962	643.50	0.084	227.3	1.019
257.43	-0.004	197.3	0.1962	643.58	0.08	227.4	1.0128
257.47	-0.011	196.4	0.1589	643.67	0.073	227	0.9942
257.50	-0.011	196.4	0.1269	643.75	0.064	226.5	0.9666
257.53	-0.014	195.7	0.0976	643.83	0.046	225.4	0.9072
257.57	-0.019	194.4	0.0621	643.92	0.031	223.1	0.8317
257.60	-0.026	193.5	0.0293	644.02	0.023	221.4	0.6702
257.63	-0.027	192.7	0.0036	644.08	0.007	219.2	0.5051
257.67	-0.033	191.6	0.0036	644.17	-0.015	216.2	0.2867
257.70	-0.036	190.7	-0.0257	644.25	-0.03	211	0.0728
257.73	-0.036	190.7	-0.0497	644.33	-0.04	207.5	-0.2406
257.78	-0.041	189.1	-0.0719	644.42	-0.053	203.4	-0.4225
257.82	-0.044	188.4	-0.0861	644.50	-0.062	199.9	-0.5503
257.85	-0.044	188.4	-0.103	644.58	-0.067	197.2	-0.6382
257.88	-0.046	187.7	-0.1181	644.67	-0.072	194.8	-0.7021
257.90	-0.049	186.9	-0.1314	644.75	-0.073	193.4	-0.7296
257.93	-0.05	186.3	-0.1411	644.83	-0.071	192.7	-0.7385
257.97	-0.051	185.8	-0.1482	644.92	-0.067	192.9	-0.7296

tempo	cella di carico	Δu	LVDVT	tempo	cella di carico	Δu	LVDVT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
258.00	-0.051	185.4	-0.1482	645.00	-0.059	194	-0.7092
258.03	-0.051	185.4	-0.1536	645.08	-0.048	195.9	-0.6657
258.07	-0.051	185.1	-0.1562	645.17	-0.039	197.7	-0.6071
258.10	-0.051	184.8	-0.158	645.25	-0.024	200.6	-0.5122
258.13	-0.05	184.6	-0.158	645.33	-0.004	205.4	-0.3808
258.17	-0.049	184.5	-0.1571	645.43	0.008	208.4	-0.1456
258.20	-0.048	184.4	-0.1544	645.50	0.019	211.1	0.0284
258.23	-0.044	184.6	-0.1544	645.58	0.036	214.6	0.2716
258.27	-0.042	184.7	-0.15	645.67	0.056	219	0.4944
258.30	-0.042	184.7	-0.1456	645.75	0.066	221.4	0.6586
258.33	-0.04	184.8	-0.1376	645.83	0.074	223.2	0.8539
258.37	-0.035	185.3	-0.1287	645.92	0.082	224.8	0.9347
258.40	-0.032	185.6	-0.1198	646.00	0.084	226	0.9835
258.43	-0.029	185.9	-0.1056	646.08	0.086	226.7	1.0101
258.47	-0.022	186.6	-0.1056	646.17	0.085	227.2	1.0181
258.50	-0.018	186.6	-0.0879	646.25	0.078	227.3	1.0146
258.53	-0.018	187.2	-0.0719	646.33	0.072	226.9	0.9888
258.57	-0.015	187.9	-0.0506	646.42	0.062	226.4	0.956
258.60	-0.007	188.7	-0.0231	646.50	0.047	225.1	0.8903
258.63	-0.003	189.4	0.0009	646.58	0.038	223.6	0.8095
258.67	0	190.2	0.0302	646.67	0.022	221.9	0.6835
258.70	0.009	191.2	0.0302	646.75	0	219.3	0.5104
258.73	0.012	191.2	0.0648	646.85	-0.015	214.9	0.1908
258.77	0.012	191.9	0.0923	646.92	-0.023	212.1	0.0249
258.80	0.016	192.9	0.126	647.00	-0.038	208.4	-0.1935
258.83	0.024	193.9	0.1642	647.08	-0.055	204.4	-0.3826
258.87	0.028	194.7	0.1917	647.17	-0.063	199.2	-0.5113
258.90	0.031	195.7	0.2228	647.25	-0.068	196.6	-0.6533
258.93	0.039	196.6	0.2228	647.33	-0.072	194.4	-0.7083
258.97	0.041	196.6	0.2592	647.42	-0.073	193.3	-0.7332
259.00	0.041	197.3	0.2814	647.50	-0.072	192.8	-0.7394
259.03	0.044	198.1	0.3089	647.58	-0.068	192.8	-0.7341
259.07	0.05	198.9	0.3364	647.67	-0.057	193.8	-0.7146
259.10	0.052	199.6	0.3542	647.75	-0.045	196.4	-0.6817
259.13	0.055	200.3	0.3719	647.83	-0.037	198.3	-0.5903
259.17	0.059	200.9	0.3719	647.92	-0.022	201.2	-0.4891
259.22	0.059	201.4	0.3986	648.00	-0.009	204.4	-0.3497
259.25	0.06	201.9	0.4074	648.08	0.004	207.5	-0.1793
259.28	0.062	202.4	0.4074	648.17	0.021	211	0.032
259.32	0.063	202.4	0.4172	648.25	0.042	215.9	0.2592
259.33	0.063	202.8	0.4243	648.35	0.051	218.4	0.5308
259.37	0.063	203.2	0.4278	648.42	0.061	220.7	0.6844
259.40	0.063	203.5	0.4305	648.50	0.074	222.9	0.8326
259.43	0.063	203.7	0.4314	648.58	0.082	225.2	0.9134
259.47	0.062	203.9	0.4314	648.67	0.086	226.3	0.9933
259.50	0.061	204.1	0.4314	648.75	0.086	227	1.0146
259.53	0.059	204.1	0.4296	648.83	0.084	227.4	1.019
259.57	0.059	204.2	0.427	648.92	0.081	227.4	1.0128
259.60	0.057	204.1	0.4216	649.00	0.074	227.3	0.9977
259.63	0.052	204	0.4163	649.08	0.059	226.5	0.9658
259.67	0.05	203.9	0.4101	649.17	0.045	224.9	0.916
259.70	0.047	203.7	0.4003	649.25	0.035	223.3	0.7882
259.73	0.04	203.3	0.4003	649.33	0.019	221.5	0.6515
259.77	0.039	203.3	0.3879	649.42	0.004	218.9	0.4687
259.80	0.039	203.1	0.3772	649.50	-0.008	215.9	0.2672
259.83	0.035	202.5	0.3613	649.58	-0.024	212.6	0.0399
259.87	0.026	202	0.3391	649.67	-0.043	208.6	-0.1908
259.90	0.024	201.6	0.3231	649.77	-0.055	202.9	-0.4474
259.93	0.02	200.9	0.2974	649.83	-0.059	200.2	-0.5415
259.97	0.012	200.1	0.2974	649.92	-0.067	197.2	-0.6356
260.00	0.012	200.1	0.2663	650.00	-0.073	194.8	-0.6986
260.03	0.009	199.5	0.2379	650.08	-0.073	193.1	-0.7288
260.07	0.003	198.5	0.2024	650.17	-0.071	192.7	-0.7394

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
260.10	-0.005	197.6	0.1678	650.25	-0.067	192.9	-0.7323
260.13	-0.007	196.9	0.1402	650.33	-0.058	194.1	-0.7083
260.17	-0.013	195.8	0.1402	650.42	-0.051	195.4	-0.6719
260.20	-0.019	194.8	0.1039	650.50	-0.038	197.8	-0.6098
260.23	-0.019	194.8	0.0719	650.58	-0.019	200.5	-0.5157
260.27	-0.022	194	0.0435	650.67	-0.005	205	-0.4003
260.30	-0.028	192.8	0.008	650.75	0.007	208.3	-0.1376
260.33	-0.032	191.9	-0.0186	650.83	0.024	211.7	0.0808
260.37	-0.034	191.1	-0.0426	650.92	0.038	215.1	0.308
260.40	-0.04	190.1	-0.0426	651.00	0.05	217.8	0.5095
260.43	-0.042	190.1	-0.0692	651.08	0.063	220.4	0.6853
260.47	-0.042	189.3	-0.0879	651.17	0.076	223.5	0.822
260.50	-0.044	188.5	-0.1039	651.27	0.08	224.8	0.9276
260.53	-0.047	187.7	-0.1198	651.33	0.084	225.9	0.98
260.57	-0.049	187.1	-0.1314	651.42	0.087	226.8	1.0119
260.60	-0.05	186.5	-0.1411	651.50	0.084	227.5	1.0199
260.63	-0.052	185.9	-0.1411	651.58	0.079	227.4	1.0163
260.68	-0.052	185.5	-0.1544	651.67	0.072	227.2	0.9915
260.72	-0.051	185.2	-0.1571	651.75	0.06	226.4	0.9578
260.75	-0.051	184.9	-0.1571	651.83	0.05	225.2	0.8965
260.78	-0.05	184.9	-0.158	651.92	0.038	224	0.8149
260.80	-0.05	184.7	-0.1589	652.00	0.021	221.8	0.6773
260.83	-0.05	184.5	-0.1589	652.08	0	218	0.5139
260.87	-0.048	184.5	-0.1562	652.17	-0.012	215.1	0.2139
260.90	-0.046	184.5	-0.1527	652.25	-0.027	211.8	-0.0098
260.93	-0.044	184.6	-0.1473	652.33	-0.041	207.8	-0.2308
260.97	-0.039	184.9	-0.1473	652.42	-0.05	204.1	-0.3941
261.00	-0.037	184.9	-0.1402	652.50	-0.06	200.6	-0.5308
261.03	-0.037	185.1	-0.1331	652.58	-0.069	197.4	-0.6302
261.07	-0.034	185.5	-0.1225	652.68	-0.073	194.2	-0.7128
261.10	-0.027	186	-0.1083	652.75	-0.073	193.2	-0.7332
261.13	-0.025	186.4	-0.0959	652.83	-0.072	192.7	-0.7394
261.17	-0.022	187.1	-0.0781	652.92	-0.066	192.7	-0.735
261.20	-0.013	187.9	-0.0781	653.00	-0.056	194.3	-0.7172
261.23	-0.01	187.9	-0.0541	653.08	-0.049	195.9	-0.6604
261.27	-0.01	188.5	-0.0346	653.17	-0.036	198.2	-0.5938
261.30	-0.006	189.2	-0.0062	653.25	-0.022	201.1	-0.4926
261.33	0.002	190.1	0.0257	653.33	-0.011	203.9	-0.3675
261.37	0.005	190.9	0.0524	653.42	0.005	207.4	-0.1864
261.40	0.009	191.8	0.0843	653.50	0.027	210.8	0.0204
261.43	0.018	192.7	0.0843	653.58	0.041	215.8	0.2352
261.47	0.021	192.7	0.1216	653.67	0.052	218.4	0.5486
261.50	0.021	193.5	0.1491	653.75	0.065	220.9	0.7225
261.53	0.025	194.5	0.1837	653.83	0.074	223	0.8477
261.57	0.033	195.5	0.2201	653.92	0.08	224.5	0.9267
261.60	0.036	196.3	0.2459	654.00	0.085	225.8	0.9835
261.63	0.039	197.2	0.2752	654.08	0.086	227	1.011
261.67	0.046	198	0.2752	654.18	0.084	227.4	1.0226
261.70	0.048	198	0.3062	654.25	0.081	227.6	1.0163
261.73	0.048	198.7	0.3258	654.33	0.072	227.2	1.0021
261.77	0.05	199.6	0.3471	654.42	0.057	226.2	0.9729
261.80	0.055	200.2	0.3693	654.50	0.047	224.9	0.8859
261.83	0.057	200.8	0.3843	654.58	0.035	223.6	0.7944
261.87	0.059	201.4	0.3986	654.67	0.018	221.3	0.6471
261.90	0.062	201.9	0.3986	654.75	0.006	218.8	0.4731
261.93	0.062	201.9	0.411	654.83	-0.009	216.1	0.2769
261.97	0.062	202.4	0.4172	654.92	-0.03	212.7	0.0524
262.00	0.063	202.8	0.4243	655.00	-0.043	207	-0.1571
262.03	0.064	203.2	0.4287	655.08	-0.052	203.2	-0.427
262.07	0.063	203.4	0.4305	655.17	-0.062	199.9	-0.553
262.12	0.063	203.7	0.4314	655.25	-0.069	196.9	-0.6444
262.15	0.062	203.9	0.4314	655.33	-0.071	194.7	-0.6995
262.17	0.062	204.2	0.4305	655.42	-0.073	193.4	-0.7288

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
262.22	0.06	204.2	0.4278	655.50	-0.071	192.9	-0.7367
262.25	0.056	204.2	0.4278	655.60	-0.067	193	-0.7305
262.27	0.056	204.2	0.4234	655.67	-0.061	193.9	-0.7101
262.30	0.054	204.2	0.4181	655.75	-0.051	195.3	-0.6746
262.33	0.051	203.9	0.411	655.83	-0.033	197.8	-0.608
262.37	0.046	203.7	0.4021	655.92	-0.019	201.7	-0.5273
262.40	0.044	203.5	0.3923	656.00	-0.009	204.8	-0.3302
262.43	0.039	203	0.3923	656.08	0.008	208.2	-0.1491
262.47	0.033	202.7	0.3781	656.17	0.023	211.6	0.0701
262.50	0.033	202.7	0.3639	656.25	0.035	214.8	0.2832
262.53	0.031	202.3	0.3471	656.33	0.05	217.7	0.5024
262.57	0.024	201.6	0.3249	656.42	0.067	220.3	0.6799
262.60	0.019	201.1	0.3027	656.50	0.076	223.4	0.8104
262.63	0.016	200.5	0.2761	656.58	0.081	224.9	0.9391
262.67	0.008	199.6	0.2761	656.67	0.085	226	0.9888
262.70	0.003	199.6	0.2414	656.75	0.086	226.8	1.0137
262.73	0.003	198.9	0.213	656.83	0.085	227.3	1.0208
262.77	0	198	0.1829	656.92	0.081	227.4	1.0163
262.80	-0.008	197	0.1438	657.02	0.069	227	0.9897
262.83	-0.012	196.2	0.1163	657.08	0.062	226.4	0.9613
262.87	-0.015	195.3	0.0852	657.17	0.052	225.6	0.9063
262.90	-0.023	194.1	0.0852	657.25	0.036	223.9	0.8175
262.93	-0.027	194.1	0.0462	657.33	0.015	220.8	0.6897
262.97	-0.027	193.2	0.0169	657.42	0.002	218.2	0.5335
263.00	-0.029	192.3	-0.0098	657.50	-0.012	215.4	0.2121
263.03	-0.035	191.3	-0.0382	657.58	-0.028	211.5	-0.024
263.07	-0.038	190.5	-0.0604	657.67	-0.039	207.8	-0.2272
263.10	-0.04	189.6	-0.0817	657.75	-0.05	204.3	-0.3994
263.13	-0.045	188.6	-0.0817	657.83	-0.061	200.4	-0.5397
263.17	-0.046	188.6	-0.103	657.92	-0.07	196.2	-0.6293
263.20	-0.046	188	-0.1172	658.00	-0.072	194.3	-0.7137
263.23	-0.048	187.3	-0.1296	658.08	-0.073	193.2	-0.7367
263.27	-0.05	186.6	-0.1411	658.17	-0.071	192.8	-0.7403
263.30	-0.051	186.1	-0.1482	658.25	-0.068	193	-0.7341
263.33	-0.051	185.7	-0.1536	658.33	-0.061	193.7	-0.7163
263.37	-0.051	185.3	-0.1536	658.42	-0.046	195.6	-0.6773
263.40	-0.051	185.3	-0.1571	658.52	-0.036	198.3	-0.6
263.43	-0.051	185	-0.1589	658.58	-0.026	200.9	-0.5086
263.47	-0.051	184.8	-0.1589	658.67	-0.011	203.8	-0.3799
263.50	-0.049	184.7	-0.1589	658.75	0.011	207.3	-0.2024
263.53	-0.048	184.6	-0.1562	658.83	0.026	212.3	-0.0071
263.58	-0.046	184.6	-0.1544	658.92	0.038	215.5	0.3293
263.62	-0.044	184.6	-0.1509	659.00	0.053	218.3	0.5397
263.63	-0.041	184.7	-0.1447	659.08	0.064	220.9	0.7128
263.68	-0.039	185.1	-0.1367	659.17	0.072	222.9	0.8317
263.70	-0.032	185.5	-0.1367	659.25	0.08	224.4	0.9187
263.73	-0.031	185.5	-0.126	659.33	0.086	225.7	0.9764
263.77	-0.031	185.8	-0.1154	659.42	0.086	226.9	1.0075
263.80	-0.027	186.4	-0.0994	659.50	0.084	227.3	1.019
263.83	-0.019	187.1	-0.0808	659.58	0.08	227.4	1.0128
263.87	-0.017	187.6	-0.0657	659.67	0.071	227	0.9924
263.90	-0.013	188.4	-0.0417	659.75	0.064	226.5	0.9622
263.93	-0.004	189.2	-0.0417	659.83	0.051	225.4	0.9072
263.97	-0.004	189.2	-0.0115	659.92	0.03	223.1	0.8202
264.00	-0.002	189.8	0.0133	660.00	0.021	221.4	0.6595
264.03	0.005	190.9	0.0488	660.08	0.007	219.2	0.4944
264.07	0.011	191.7	0.0799	660.17	-0.01	216.1	0.269
264.10	0.014	192.4	0.1083	660.25	-0.031	210.7	0.0417
264.13	0.021	193.5	0.1083	660.33	-0.042	207	-0.1651
264.17	0.026	193.5	0.1456	660.42	-0.052	203.4	-0.4367
264.20	0.026	194.3	0.1758	660.50	-0.062	199.7	-0.5645
264.23	0.028	195.1	0.2042	660.58	-0.068	196.8	-0.6498
264.27	0.036	196.3	0.2432	660.67	-0.071	194.7	-0.7083

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
264.30	0.04	197.1	0.2734	660.75	-0.073	193.3	-0.7376
264.33	0.042	197.8	0.2965	660.83	-0.071	192.6	-0.7447
264.37	0.048	198.7	0.2965	660.92	-0.066	193.1	-0.7341
264.40	0.051	198.7	0.3258	661.00	-0.059	193.9	-0.7119
264.43	0.051	199.4	0.3462	661.08	-0.047	195.9	-0.6693
264.47	0.053	200.1	0.3648	661.17	-0.038	198.2	-0.6027
264.50	0.058	200.8	0.3835	661.25	-0.025	200.5	-0.5131
264.53	0.059	201.4	0.3959	661.33	-0.004	203.9	-0.3755
264.57	0.06	201.9	0.4065	661.43	0.006	208.1	-0.1784
264.60	0.062	202.4	0.4065	661.50	0.019	211.4	0.0293
264.63	0.063	202.4	0.4172	661.58	0.035	214.6	0.2627
264.67	0.063	202.8	0.4243	661.67	0.055	217.7	0.4935
264.70	0.064	203.1	0.4287	661.75	0.067	221.4	0.656
264.73	0.063	203.4	0.4305	661.83	0.074	223.3	0.8486
264.77	0.063	203.7	0.4314	661.92	0.081	224.8	0.9294
264.80	0.062	204	0.4314	662.00	0.085	226	0.9844
264.83	0.061	204.1	0.4314	662.08	0.086	226.8	1.0092
264.87	0.059	204.1	0.4305	662.17	0.085	227.3	1.0172
264.90	0.059	204.2	0.4278	662.25	0.078	227.4	1.0128
264.93	0.057	204.2	0.4234	662.33	0.069	227	0.9986
264.97	0.052	204	0.4172	662.42	0.062	226.4	0.9524
265.02	0.05	204	0.411	662.50	0.048	225.2	0.8912
265.05	0.049	203.9	0.4057	662.58	0.035	223.5	0.7971
265.08	0.043	203.6	0.3959	662.67	0.023	221.9	0.6711
265.12	0.04	203.3	0.3852	662.75	0.006	219.2	0.4935
265.15	0.037	202.9	0.3693	662.85	-0.016	214.6	0.1669
265.17	0.029	202.3	0.3693	662.92	-0.025	211.7	-0.0009
265.20	0.026	202.3	0.3488	663.00	-0.038	208.4	-0.2068
265.23	0.026	201.9	0.3329	663.08	-0.051	204.1	-0.4021
265.27	0.022	201.2	0.3098	663.17	-0.064	198.9	-0.5317
265.30	0.014	200.5	0.2796	663.25	-0.069	196.3	-0.6657
265.33	0.011	199.9	0.2548	663.33	-0.072	194.4	-0.7163
265.37	0.006	199	0.2219	663.42	-0.073	193.2	-0.7385
265.40	-0.002	198.2	0.2219	663.50	-0.072	192.7	-0.7438
265.43	-0.002	198.2	0.1855	663.58	-0.068	192.8	-0.7385
265.47	-0.005	197.5	0.1562	663.67	-0.057	193.8	-0.7199
265.50	-0.011	196.3	0.1189	663.75	-0.044	196.4	-0.6861
265.53	-0.017	195.3	0.0843	663.83	-0.037	198.6	-0.5912
265.57	-0.02	194.6	0.0577	663.92	-0.023	201.2	-0.4953
265.60	-0.025	193.4	0.0577	664.00	-0.008	204.5	-0.3515
265.63	-0.031	192.4	0.0222	664.08	0.004	207.8	-0.182
265.67	-0.031	192.4	-0.0089	664.17	0.02	211	0.0284
265.70	-0.033	191.6	-0.032	664.25	0.042	214.4	0.2592
265.73	-0.037	190.6	-0.0586	664.35	0.052	218.4	0.5237
265.77	-0.041	189.7	-0.0817	664.42	0.061	220.8	0.6835
265.80	-0.043	189	-0.0976	664.50	0.073	222.9	0.8291
265.83	-0.047	188.1	-0.0976	664.58	0.082	224.5	0.9169
265.87	-0.048	188.1	-0.1154	664.67	0.086	226.3	0.9729
265.90	-0.048	187.5	-0.1287	664.75	0.086	227	1.0137
265.93	-0.049	186.8	-0.1385	664.83	0.085	227.4	1.019
265.97	-0.051	186.2	-0.1482	664.92	0.08	227.5	1.0128
266.00	-0.051	185.8	-0.1527	665.00	0.074	227.3	0.995
266.03	-0.052	185.4	-0.1571	665.08	0.063	226.6	0.9666
266.07	-0.051	185.1	-0.1571	665.17	0.045	224.9	0.9089
266.10	-0.051	185.1	-0.1589	665.25	0.032	223.2	0.8353
266.13	-0.051	184.9	-0.1589	665.33	0.019	221.4	0.6409
266.17	-0.05	184.7	-0.1589	665.42	0.003	218.7	0.4545
266.20	-0.048	184.7	-0.1562	665.50	-0.011	215.6	0.2388
266.23	-0.046	184.7	-0.1536	665.58	-0.024	212.5	0.0204
266.27	-0.044	184.8	-0.1482	665.67	-0.039	208.4	-0.2059
266.30	-0.039	185.1	-0.1482	665.77	-0.053	203.1	-0.4438
266.33	-0.037	185.1	-0.1411	665.83	-0.06	199.9	-0.5486
266.37	-0.037	185.3	-0.134	665.92	-0.067	197.2	-0.6409

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
266.40	-0.034	185.7	-0.1234	666.00	-0.073	194.7	-0.7066
266.43	-0.027	186.2	-0.1083	666.08	-0.073	193.1	-0.7323
266.48	-0.025	186.6	-0.0985	666.17	-0.071	192.7	-0.7438
266.52	-0.024	187.1	-0.087	666.25	-0.067	192.9	-0.735
266.55	-0.016	187.8	-0.0657	666.33	-0.058	194.1	-0.7128
266.58	-0.013	188.3	-0.047	666.42	-0.051	195.8	-0.6728
266.60	-0.009	189.2	-0.0195	666.50	-0.039	197.8	-0.6134
266.63	0	190	-0.0195	666.58	-0.02	200.6	-0.5175
266.67	0.003	190	0.0133	666.67	-0.005	205.2	-0.3986
266.70	0.003	190.7	0.0391	666.75	0.007	208.5	-0.1385
266.73	0.007	191.7	0.071	666.83	0.024	211.8	0.079
266.77	0.016	192.6	0.1065	666.92	0.038	215.1	0.3053
266.80	0.018	193.3	0.1376	667.00	0.049	218.1	0.5068
266.83	0.024	194.4	0.1376	667.08	0.063	220.5	0.6897
266.87	0.031	195.3	0.1749	667.17	0.076	222.7	0.8264
266.90	0.031	195.3	0.2086	667.25	0.081	224.9	0.9302
266.93	0.033	196.1	0.2361	667.33	0.084	226	0.98
266.97	0.039	197.1	0.2698	667.42	0.086	226.8	1.011
267.00	0.044	197.9	0.2965	667.50	0.084	227.3	1.019
267.03	0.046	198.6	0.3187	667.58	0.078	227.5	1.0155
267.07	0.051	199.4	0.3187	667.67	0.072	227.1	0.9906
267.10	0.054	200.1	0.3435	667.75	0.061	226.5	0.9587
267.13	0.054	200.1	0.3613	667.83	0.048	225.3	0.8939
267.17	0.055	200.7	0.3781	667.92	0.038	224	0.8122
267.20	0.06	201.4	0.3968	668.00	0.021	221.9	0.6782
267.23	0.061	201.9	0.4074	668.08	-0.001	218.1	0.5113
267.27	0.062	202.4	0.4163	668.17	-0.014	215	0.3124
267.30	0.063	202.8	0.4163	668.25	-0.027	211.7	-0.0284
267.33	0.063	202.8	0.4234	668.33	-0.041	207.6	-0.2459
267.37	0.063	203.2	0.4278	668.42	-0.051	203.7	-0.4163
267.40	0.064	203.5	0.4305	668.50	-0.06	200.5	-0.5397
267.43	0.063	203.8	0.4323	668.58	-0.068	197.3	-0.64
267.47	0.062	204	0.4323	668.68	-0.073	194.3	-0.7163
267.50	0.061	204.2	0.4305	668.75	-0.073	193.2	-0.7367
267.53	0.059	204.3	0.4305	668.83	-0.072	192.7	-0.7421
267.57	0.056	204.3	0.4278	668.92	-0.066	192.8	-0.7376
267.60	0.056	204.3	0.4243	669.00	-0.056	194.4	-0.7199
267.63	0.055	204.3	0.419	669.08	-0.049	196.1	-0.6631
267.67	0.05	204	0.411	669.17	-0.036	198.2	-0.5974
267.70	0.047	203.9	0.4039	669.25	-0.022	201.2	-0.4953
267.73	0.044	203.6	0.3932	669.33	-0.012	204.2	-0.3666
267.77	0.037	203.2	0.3932	669.42	0.005	207.4	-0.1908
267.80	0.034	203.2	0.3781	669.50	0.027	210.9	0.0204
267.83	0.034	202.8	0.3657	669.58	0.041	215.8	0.2334
267.87	0.031	202.4	0.3471	669.67	0.052	218.6	0.5477
267.90	0.023	201.7	0.3231	669.75	0.065	221	0.7225
267.95	0.019	201.2	0.3045	669.83	0.075	223.1	0.8495
267.98	0.018	200.8	0.2885	669.92	0.079	224.7	0.9249
268.02	0.01	200	0.2592	670.00	0.084	225.8	0.9817
268.05	0.006	199.3	0.2299	670.08	0.087	226.7	1.0128
268.07	0.002	198.5	0.1971	670.17	0.084	227.5	1.0234
268.10	-0.006	197.5	0.1971	670.25	0.081	227.6	1.0181
268.13	-0.01	197.5	0.1589	670.33	0.073	227.3	1.0021
268.17	-0.01	196.7	0.1305	670.42	0.058	226.3	0.972
268.20	-0.013	195.8	0.0968	670.50	0.046	225	0.9231
268.23	-0.021	194.6	0.0595	670.58	0.035	223.6	0.7927
268.27	-0.025	193.7	0.032	670.67	0.018	221.5	0.6498
268.30	-0.027	192.8	0.0044	670.75	0.005	218.9	0.4722
268.33	-0.034	191.8	0.0044	670.83	-0.009	216.2	0.2645
268.37	-0.036	191.8	-0.0275	670.92	-0.025	212.5	0.0311
268.40	-0.036	190.9	-0.0506	671.00	-0.044	206.8	-0.1864
268.43	-0.038	190.1	-0.0728	671.08	-0.054	202.9	-0.3639
268.47	-0.044	189.1	-0.0959	671.17	-0.061	199.9	-0.5619

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
268.50	-0.045	188.4	-0.111	671.25	-0.069	196.7	-0.656
268.53	-0.047	187.7	-0.1252	671.33	-0.072	194.6	-0.7074
268.57	-0.05	187	-0.1252	671.42	-0.073	193.4	-0.7341
268.60	-0.05	187	-0.1367	671.50	-0.072	192.9	-0.7412
268.63	-0.05	186.4	-0.1456	671.60	-0.067	192.9	-0.735
268.67	-0.051	185.9	-0.1518	671.67	-0.06	194.1	-0.7128
268.70	-0.052	185.5	-0.1571	671.75	-0.051	195.4	-0.6764
268.73	-0.051	185.2	-0.1589	671.83	-0.037	198	-0.6098
268.77	-0.051	185	-0.1598	671.92	-0.018	202	-0.521
268.80	-0.05	184.8	-0.1598	672.00	-0.008	205	-0.3293
268.83	-0.049	184.8	-0.1598	672.08	0.008	208.2	-0.1509
268.87	-0.049	184.7	-0.1571	672.17	0.023	211.7	0.0746
268.90	-0.047	184.8	-0.1544	672.25	0.035	215	0.284
268.93	-0.043	184.9	-0.1491	672.33	0.05	217.9	0.5024
268.97	-0.041	185	-0.1438	672.42	0.067	220.5	0.6861
269.00	-0.038	185.4	-0.1358	672.50	0.076	223.6	0.814
269.03	-0.032	185.7	-0.1358	672.58	0.08	225	0.9418
269.07	-0.031	185.7	-0.1252	672.67	0.085	226.1	0.9933
269.10	-0.031	186	-0.1145	672.75	0.086	226.9	1.0172
269.13	-0.026	186.6	-0.0985	672.83	0.085	227.4	1.0243
269.17	-0.02	187.3	-0.0817	672.92	0.081	227.6	1.019
269.20	-0.017	187.8	-0.0621	673.02	0.069	227.1	0.995
269.23	-0.01	188.7	-0.0621	673.08	0.061	226.6	0.9658
269.27	-0.005	189.4	-0.0355	673.17	0.052	225.7	0.9107
269.30	-0.005	189.4	-0.0107	673.25	0.036	224	0.822
269.33	-0.002	190.1	0.0151	673.33	0.015	221	0.6906
269.38	0.008	191.7	0.0506	673.42	0.002	218.3	0.5361
269.42	0.008	191.7	0.0683	673.50	-0.012	215.6	0.2157
269.45	0.011	192.4	0.0968	673.58	-0.028	211.7	-0.0213
269.48	0.019	193.4	0.134	673.67	-0.039	208	-0.2237
269.52	0.023	194.2	0.1633	673.75	-0.05	204.5	-0.3932
269.53	0.027	195.1	0.1962	673.83	-0.061	200.5	-0.5379
269.57	0.035	196.1	0.1962	673.92	-0.07	196.3	-0.6293
269.60	0.038	196.1	0.2326	674.00	-0.072	194.4	-0.7137
269.63	0.038	196.9	0.2601	674.08	-0.073	193.3	-0.735
269.67	0.041	197.8	0.2885	674.17	-0.071	192.9	-0.7394
269.70	0.047	198.6	0.3178	674.25	-0.068	193.1	-0.7323
269.73	0.049	199.3	0.3373	674.33	-0.061	193.8	-0.7137
269.77	0.052	200.1	0.3586	674.42	-0.049	195.7	-0.6746
269.80	0.057	200.8	0.3586	674.52	-0.035	198.5	-0.5974
269.83	0.058	200.8	0.379	674.58	-0.026	201.1	-0.506
269.87	0.058	201.3	0.3923	674.67	-0.011	203.9	-0.3755
269.90	0.06	201.9	0.4039	674.75	0.011	207.4	-0.1979
269.93	0.062	202.4	0.4154	674.83	0.026	212.6	-0.0009
269.97	0.063	202.8	0.4216	674.92	0.038	215.8	0.3382
270.00	0.063	203.2	0.427	675.00	0.053	218.5	0.5468
270.03	0.063	203.6	0.427	675.08	0.065	221.1	0.719
270.07	0.063	203.6	0.4314	675.17	0.072	223.1	0.8335
270.10	0.063	203.9	0.4323	675.25	0.08	224.6	0.9231
270.13	0.063	204.1	0.4332	675.33	0.086	225.9	0.9817
270.17	0.062	204.3	0.4323	675.42	0.086	227.1	1.011
270.20	0.06	204.4	0.4296	675.50	0.084	227.5	1.0217
270.23	0.058	204.4	0.4261	675.58	0.08	227.6	1.0155
270.27	0.053	204.3	0.4261	675.67	0.07	227.2	0.995
270.30	0.053	204.3	0.4207	675.75	0.064	226.7	0.9658
270.33	0.052	204.3	0.4136	675.83	0.051	225.6	0.9125
270.37	0.047	203.9	0.4048	675.93	0.034	223.6	0.7909
270.40	0.042	203.7	0.395	676.00	0.02	221.6	0.6577
270.43	0.041	203.5	0.3835	676.08	0.007	219.4	0.4962
270.47	0.034	202.9	0.3835	676.17	-0.01	216.3	0.2716
270.50	0.029	202.5	0.3675	676.25	-0.031	210.9	0.0453
270.53	0.029	202.5	0.3506	676.33	-0.042	207.2	-0.1624
270.57	0.027	202	0.3311	676.42	-0.052	203.6	-0.4349

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
270.60	0.019	201.3	0.3045	676.50	-0.062	199.9	-0.5645
270.63	0.015	200.7	0.2814	676.58	-0.068	197.1	-0.6489
270.67	0.012	200	0.2512	676.67	-0.072	194.9	-0.7074
270.70	0.003	199.1	0.2512	676.75	-0.074	193.5	-0.7376
270.73	-0.001	199.1	0.2148	676.83	-0.071	192.9	-0.7438
270.77	-0.001	198.3	0.1864	676.92	-0.066	193.3	-0.7403
270.80	-0.004	197.5	0.1553	677.00	-0.059	194.1	-0.7119
270.85	-0.014	196.4	0.1172	677.08	-0.047	196.1	-0.6702
270.88	-0.014	195.8	0.0985	677.17	-0.037	198.5	-0.6
270.92	-0.017	194.8	0.0683	677.25	-0.026	200.8	-0.5131
270.93	-0.025	193.8	0.0328	677.33	-0.01	204.2	-0.3737
270.97	-0.028	192.9	0.0071	677.42	0.007	208.4	-0.1642
271.00	-0.031	192	-0.0204	677.50	0.02	211.7	0.0399
271.03	-0.037	191	-0.0204	677.58	0.035	214.9	0.2681
271.07	-0.039	191	-0.0515	677.67	0.055	218	0.498
271.10	-0.039	190.1	-0.0719	677.75	0.067	221.7	0.6613
271.13	-0.041	189.3	-0.0905	677.83	0.074	223.6	0.8539
271.17	-0.046	188.4	-0.1101	677.92	0.081	225	0.9373
271.20	-0.047	187.8	-0.1234	678.00	0.086	226.2	0.9897
271.23	-0.048	187.1	-0.1358	678.08	0.086	227	1.0146
271.27	-0.051	186.4	-0.1358	678.17	0.085	227.5	1.0226
271.30	-0.051	186.4	-0.1465	678.25	0.078	227.7	1.0181
271.33	-0.051	186	-0.1509	678.33	0.068	227.2	1.003
271.37	-0.051	185.6	-0.1553	678.42	0.062	226.5	0.956
271.40	-0.052	185.3	-0.1589	678.50	0.048	225.5	0.8974
271.43	-0.051	185.1	-0.1598	678.58	0.034	223.8	0.7989
271.47	-0.05	184.9	-0.1598	678.67	0.023	221.9	0.6746
271.50	-0.048	184.8	-0.1598	678.75	0.006	219.5	0.5033
271.53	-0.047	184.8	-0.158	678.85	-0.013	215.5	0.2201
271.57	-0.047	184.7	-0.1553	678.92	-0.026	212.1	0.0018
271.60	-0.045	184.9	-0.1509	679.00	-0.037	208.6	-0.2059
271.63	-0.04	185.1	-0.1447	679.08	-0.051	204.4	-0.3986
271.67	-0.039	185.2	-0.1376	679.17	-0.064	200.8	-0.529
271.70	-0.035	185.7	-0.1278	679.25	-0.069	196.5	-0.6249
271.73	-0.029	186.2	-0.1278	679.33	-0.072	194.6	-0.7172
271.77	-0.029	186.2	-0.1145	679.42	-0.073	193.4	-0.7394
271.80	-0.027	186.5	-0.1012	679.50	-0.071	193	-0.7438
271.83	-0.022	187.3	-0.0826	679.58	-0.068	193	-0.7376
271.87	-0.015	188	-0.0621	679.67	-0.06	194	-0.7199
271.90	-0.013	188.5	-0.0426	679.75	-0.045	196.6	-0.6826
271.93	-0.006	189.4	-0.0426	679.83	-0.034	198.9	-0.6284
271.97	0	190.2	-0.0133	679.92	-0.023	201.5	-0.4864
272.00	0	190.2	0.0133	680.00	-0.007	204.9	-0.3391
272.03	0.003	190.9	0.0435	680.08	0.006	208.3	-0.1633
272.07	0.01	191.9	0.0781	680.17	0.02	211.4	0.0426
272.10	0.015	192.7	0.1074	680.25	0.036	214.9	0.2761
272.13	0.018	193.5	0.1385	680.33	0.053	218.8	0.537
272.17	0.026	194.5	0.1385	680.42	0.063	221.4	0.7066
272.20	0.03	194.5	0.1749	680.50	0.073	223.2	0.8353
272.23	0.03	195.4	0.2042	680.58	0.081	224.9	0.9258
272.28	0.038	197	0.237	680.67	0.087	226.5	0.9791
272.32	0.041	197	0.2583	680.75	0.086	227.2	1.0181
272.35	0.041	197.7	0.2832	680.83	0.084	227.6	1.0217
272.38	0.044	198.6	0.3098	680.92	0.079	227.7	1.0155
272.42	0.051	199.4	0.3373	681.00	0.074	227.3	0.9986
272.43	0.052	200	0.3559	681.08	0.064	226.9	0.9693
272.47	0.055	200.8	0.3746	681.17	0.046	225.7	0.9089
272.50	0.059	201.4	0.3746	681.25	0.031	223.4	0.8335
272.53	0.059	201.4	0.3914	681.33	0.02	221.4	0.6427
272.57	0.059	201.9	0.403	681.42	0.003	219	0.458
272.60	0.061	202.5	0.4136	681.50	-0.012	215.9	0.2361
272.63	0.063	202.9	0.4234	681.58	-0.023	212.5	0.024
272.67	0.064	203.3	0.4287	681.67	-0.038	208.7	-0.1979

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
272.70	0.063	203.6	0.4314	681.77	-0.052	203.7	-0.419
272.73	0.063	203.9	0.4314	681.83	-0.062	200	-0.5557
272.77	0.062	203.9	0.4332	681.92	-0.067	197.3	-0.6444
272.80	0.062	204.2	0.4341	682.00	-0.072	195	-0.7057
272.83	0.062	204.4	0.4341	682.08	-0.073	193.6	-0.7359
272.87	0.06	204.5	0.4314	682.17	-0.071	192.9	-0.7447
272.90	0.058	204.5	0.4278	682.25	-0.067	193.2	-0.7359
272.93	0.056	204.4	0.4225	682.33	-0.059	194.2	-0.7146
272.97	0.051	204.3	0.4225	682.42	-0.048	196.1	-0.6711
273.00	0.051	204.3	0.4163	682.50	-0.04	198	-0.6116
273.03	0.049	204.2	0.4074	682.58	-0.025	200.8	-0.5184
273.07	0.044	203.8	0.3968	682.67	-0.004	203.9	-0.3879
273.10	0.039	203.5	0.3861	682.75	0.01	209	-0.2246
273.13	0.037	203.2	0.3719	682.83	0.023	212.2	0.0941
273.17	0.031	202.6	0.3719	682.92	0.039	215.5	0.3222
273.20	0.025	202.1	0.3524	683.00	0.052	218.5	0.537
273.23	0.025	202.1	0.3329	683.08	0.062	220.8	0.6932
273.27	0.022	201.6	0.3124	683.18	0.075	223.8	0.8672
273.30	0.015	200.8	0.284	683.25	0.081	225.2	0.9294
273.33	0.01	200.2	0.2574	683.33	0.085	226.3	0.9879
273.37	0.007	199.4	0.2255	683.42	0.086	227.1	1.0155
273.40	-0.002	198.4	0.2255	683.50	0.085	227.6	1.0217
273.43	-0.006	198.4	0.1864	683.58	0.078	227.7	1.0181
273.47	-0.006	197.6	0.1589	683.67	0.07	227.2	1.003
273.50	-0.009	196.8	0.1278	683.75	0.062	226.7	0.9578
273.53	-0.017	195.7	0.0888	683.83	0.047	225.5	0.8947
273.57	-0.02	194.7	0.0604	683.92	0.036	223.8	0.8024
273.60	-0.023	193.8	0.0293	684.00	0.022	222.2	0.6773
273.63	-0.031	192.7	0.0293	684.08	0	219.5	0.498
273.67	-0.033	192.7	-0.0053	684.17	-0.015	215.1	0.3062
273.70	-0.033	191.8	-0.0293	684.25	-0.027	211.6	-0.032
273.75	-0.039	190.2	-0.0533	684.33	-0.04	207.9	-0.2414
273.78	-0.042	190.2	-0.0692	684.42	-0.053	203.8	-0.4243
273.80	-0.042	189.5	-0.087	684.50	-0.059	200.5	-0.545
273.85	-0.044	188.7	-0.1047	684.58	-0.067	197.5	-0.6418
273.87	-0.048	187.8	-0.1225	684.68	-0.072	194.6	-0.7163
273.90	-0.049	187.3	-0.1331	684.75	-0.073	193.4	-0.7412
273.93	-0.05	186.7	-0.1429	684.83	-0.072	192.9	-0.7465
273.97	-0.051	186.1	-0.1429	684.92	-0.068	192.9	-0.7412
274.00	-0.051	186.1	-0.1509	685.00	-0.057	194	-0.7225
274.03	-0.051	185.7	-0.1553	685.08	-0.044	196.6	-0.6888
274.07	-0.052	185.4	-0.158	685.17	-0.037	198.7	-0.5947
274.10	-0.051	185.1	-0.1598	685.25	-0.022	201.4	-0.4962
274.13	-0.05	184.9	-0.1598	685.33	-0.008	204.6	-0.3542
274.17	-0.049	184.8	-0.158	685.42	0.004	208	-0.1829
274.20	-0.047	184.8	-0.158	685.50	0.021	211.3	0.0311
274.23	-0.045	184.8	-0.1553	685.58	0.042	214.7	0.2592
274.27	-0.045	184.8	-0.1518	685.67	0.055	219	0.4633
274.30	-0.043	185.1	-0.1456	685.75	0.064	221.4	0.7252
274.33	-0.037	185.4	-0.1376	685.83	0.075	223.4	0.8539
274.37	-0.036	185.5	-0.1305	685.92	0.081	225	0.9338
274.40	-0.032	186.1	-0.1172	686.00	0.084	226.1	0.9853
274.43	-0.025	186.6	-0.1172	686.10	0.086	227.3	1.0199
274.47	-0.025	186.6	-0.1021	686.17	0.085	227.7	1.0234
274.50	-0.023	187.1	-0.087	686.25	0.08	227.8	1.0181
274.53	-0.017	187.9	-0.0657	686.33	0.074	227.6	1.0004
274.57	-0.011	188.5	-0.0435	686.42	0.063	226.9	0.9702
274.60	-0.008	189.1	-0.0204	686.50	0.045	225.1	0.9125
274.63	-0.002	190.1	-0.0204	686.58	0.032	223.4	0.837
274.67	0.004	190.9	0.0107	686.67	0.02	221.7	0.6427
274.70	0.004	190.9	0.0391	686.75	0.003	218.9	0.4554
274.73	0.007	191.6	0.0692	686.83	-0.011	215.8	0.237
274.77	0.014	192.7	0.1074	686.92	-0.024	212.7	0.0178

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
274.80	0.02	193.5	0.1385	687.00	-0.039	208.6	-0.2086
274.83	0.022	194.3	0.166	687.08	-0.056	202.8	-0.387
274.87	0.03	195.4	0.166	687.17	-0.062	199.5	-0.5193
274.90	0.034	195.4	0.2033	687.25	-0.068	196.9	-0.6631
274.93	0.034	196.2	0.2343	687.33	-0.073	194.6	-0.7181
274.97	0.037	197.1	0.2636	687.42	-0.073	193.5	-0.7403
275.00	0.044	198	0.2947	687.50	-0.072	193	-0.7465
275.03	0.046	198.7	0.3178	687.60	-0.067	193	-0.7394
275.07	0.049	199.5	0.3409	687.67	-0.058	194.2	-0.7181
275.10	0.054	200.2	0.3409	687.75	-0.051	195.9	-0.6782
275.13	0.056	200.2	0.3639	687.83	-0.039	197.9	-0.6187
275.17	0.056	200.8	0.379	687.92	-0.02	200.8	-0.5228
275.22	0.06	202	0.3932	688.00	-0.005	205.4	-0.4065
275.25	0.061	202	0.403	688.08	0.007	208.7	-0.142
275.27	0.061	202.4	0.4128	688.17	0.024	212	0.0772
275.32	0.062	202.9	0.4199	688.25	0.038	215.4	0.3062
275.33	0.063	203.3	0.4261	688.33	0.049	218.3	0.5086
275.37	0.064	203.6	0.4305	688.42	0.062	220.7	0.6861
275.40	0.063	203.9	0.4323	688.50	0.076	223	0.8291
275.43	0.063	204.2	0.4323	688.58	0.082	225.3	0.9116
275.47	0.062	204.2	0.4332	688.67	0.085	226.3	0.9933
275.50	0.062	204.4	0.4332	688.75	0.086	227.1	1.0181
275.53	0.061	204.5	0.4314	688.83	0.085	227.6	1.0226
275.57	0.057	204.5	0.4278	688.92	0.081	227.7	1.0172
275.60	0.055	204.5	0.4234	689.02	0.072	227.5	0.995
275.63	0.053	204.4	0.4172	689.08	0.061	226.7	0.9631
275.67	0.048	204.2	0.4172	689.17	0.049	225.5	0.8983
275.70	0.048	204.2	0.4092	689.25	0.038	224.2	0.8166
275.73	0.046	204	0.3994	689.33	0.021	222.1	0.6808
275.77	0.041	203.5	0.3861	689.42	0	218.3	0.5148
275.80	0.035	203.2	0.371	689.50	-0.014	215.1	0.308
275.83	0.033	202.9	0.3568	689.58	-0.027	211.9	-0.0284
275.87	0.026	202.2	0.3568	689.67	-0.042	207.8	-0.2503
275.90	0.021	202.2	0.3355	689.75	-0.051	203.9	-0.4207
275.93	0.021	201.7	0.3142	689.83	-0.06	200.7	-0.5459
275.97	0.018	201.1	0.2903	689.92	-0.068	197.4	-0.6462
276.00	0.01	200.2	0.2574	690.00	-0.073	194.3	-0.7057
276.03	0.005	199.6	0.2281	690.08	-0.073	193.4	-0.7447
276.07	0.002	198.7	0.1979	690.17	-0.071	193	-0.7483
276.10	-0.006	197.7	0.1979	690.25	-0.066	193.2	-0.7412
276.13	-0.01	197.7	0.1589	690.33	-0.06	194.3	-0.719
276.17	-0.01	196.9	0.1305	690.42	-0.051	195.6	-0.6853
276.20	-0.013	195.9	0.0976	690.50	-0.037	198.4	-0.6045
276.23	-0.021	194.8	0.0595	690.58	-0.022	201.5	-0.4997
276.27	-0.024	193.9	0.032	690.67	-0.012	204.5	-0.3737
276.30	-0.027	192.9	0.0018	690.75	0.005	207.7	-0.1917
276.33	-0.034	191.9	0.0018	690.83	0.026	211.2	0.0178
276.37	-0.036	191.9	-0.0302	690.92	0.041	216.1	0.2299
276.40	-0.036	191.1	-0.0524	691.00	0.052	218.9	0.5477
276.43	-0.039	190.1	-0.0746	691.08	0.064	221.3	0.7199
276.47	-0.044	189.2	-0.0976	691.17	0.075	223.4	0.8521
276.50	-0.045	188.5	-0.1127	691.25	0.079	225	0.9258
276.53	-0.047	187.8	-0.126	691.33	0.085	226.1	0.9844
276.57	-0.05	187.1	-0.126	691.42	0.086	227	1.0128
276.60	-0.05	187.1	-0.1394	691.50	0.084	227.7	1.0234
276.65	-0.051	186.1	-0.1527	691.58	0.08	227.8	1.0163
276.68	-0.051	185.7	-0.1527	691.67	0.072	227.4	0.9977
276.70	-0.051	185.7	-0.158	691.75	0.06	226.6	0.9595
276.73	-0.051	185.3	-0.1598	691.83	0.052	225.7	0.9089
276.77	-0.051	185.1	-0.1616	691.93	0.035	223.7	0.7891
276.80	-0.05	184.9	-0.1616	692.00	0.018	221.7	0.6498
276.83	-0.049	184.8	-0.1607	692.08	0.005	219.1	0.4731
276.87	-0.048	184.8	-0.158	692.17	-0.008	216.4	0.2672

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
276.90	-0.044	184.9	-0.158	692.25	-0.025	212.8	0.0284
276.93	-0.044	184.9	-0.1536	692.33	-0.044	207	-0.1935
276.97	-0.043	184.9	-0.1473	692.42	-0.054	203.1	-0.3657
277.00	-0.039	185.3	-0.1402	692.50	-0.061	200	-0.5699
277.03	-0.035	185.6	-0.1314	692.58	-0.069	196.9	-0.6622
277.07	-0.032	185.9	-0.1198	692.67	-0.072	194.7	-0.7154
277.10	-0.026	186.6	-0.1198	692.75	-0.073	193.5	-0.743
277.13	-0.022	186.6	-0.1047	692.83	-0.072	193	-0.7492
277.17	-0.022	187.1	-0.0897	692.92	-0.065	193.4	-0.7447
277.20	-0.019	187.6	-0.071	693.00	-0.057	194.6	-0.7279
277.23	-0.012	188.5	-0.0462	693.08	-0.049	196.1	-0.6728
277.27	-0.008	189.1	-0.024	693.17	-0.035	198.7	-0.6018
277.30	-0.004	189.9	0.0036	693.25	-0.024	201.4	-0.5024
277.33	0.004	190.9	0.0036	693.35	-0.004	205.8	-0.3098
277.37	0.008	190.9	0.0382	693.42	0.007	208.5	-0.1642
277.40	0.008	191.6	0.0648	693.50	0.023	212	0.0639
277.43	0.011	192.5	0.0976	693.58	0.035	215.3	0.2787
277.47	0.02	193.5	0.1358	693.67	0.05	218.2	0.4997
277.50	0.023	194.3	0.1633	693.75	0.067	220.8	0.6799
277.53	0.027	195.3	0.1962	693.83	0.077	223.8	0.8122
277.57	0.035	196.3	0.1962	693.92	0.08	225.3	0.9391
277.60	0.035	196.3	0.2343	694.00	0.085	226.4	0.9924
277.63	0.037	197	0.2636	694.08	0.086	227.2	1.0163
277.67	0.043	198	0.2956	694.17	0.085	227.7	1.0226
277.70	0.047	198.8	0.3213	694.25	0.081	227.8	1.0181
277.73	0.049	199.4	0.3409	694.33	0.069	227.5	1.0013
277.77	0.053	200.2	0.3409	694.42	0.058	226.5	0.9737
277.80	0.056	200.9	0.363	694.50	0.05	225.6	0.893
277.83	0.056	200.9	0.3799	694.58	0.033	223.9	0.7971
277.87	0.058	201.4	0.3941	694.67	0.02	221.8	0.656
277.90	0.06	202.1	0.4074	694.75	0.007	219.6	0.4926
277.93	0.062	202.5	0.4172	694.85	-0.012	215.7	0.2184
277.97	0.063	203	0.4243	694.92	-0.028	211.9	-0.0204
278.00	0.063	203.3	0.4243	695.00	-0.039	208.1	-0.2334
278.03	0.063	203.7	0.4296	695.08	-0.05	204.5	-0.4057
278.07	0.063	203.7	0.4323	695.17	-0.061	200.7	-0.5432
278.12	0.063	204.2	0.4332	695.25	-0.07	196.4	-0.6382
278.15	0.062	204.4	0.4341	695.33	-0.072	194.5	-0.7021
278.17	0.062	204.4	0.4341	695.42	-0.073	193.4	-0.7447
278.22	0.061	204.5	0.4323	695.50	-0.071	193	-0.7483
278.23	0.058	204.5	0.4287	695.58	-0.068	193.3	-0.7412
278.27	0.055	204.5	0.4243	695.67	-0.061	194	-0.7217
278.30	0.053	204.5	0.4181	695.75	-0.049	195.9	-0.6844
278.33	0.049	204.2	0.4181	695.83	-0.032	199.3	-0.624
278.37	0.045	204	0.4101	695.92	-0.021	202.1	-0.4767
278.40	0.045	204	0.4012	696.00	-0.008	205	-0.3435
278.43	0.043	203.8	0.3906	696.08	0.007	208.5	-0.1607
278.47	0.035	203.3	0.3746	696.17	0.02	211.9	0.047
278.50	0.032	202.9	0.3613	696.27	0.038	216.4	0.3426
278.53	0.029	202.5	0.3409	696.33	0.052	218.9	0.5326
278.57	0.021	201.7	0.3409	696.42	0.065	221.5	0.7163
278.60	0.017	201.7	0.3151	696.50	0.072	223.5	0.8344
278.63	0.017	201.2	0.292	696.58	0.08	225	0.9231
278.67	0.014	200.5	0.2672	696.67	0.086	226.3	0.9844
278.70	0.005	199.6	0.2317	696.75	0.086	227.4	1.0128
278.73	0.001	198.9	0.2033	696.83	0.085	227.8	1.0243
278.77	-0.002	198	0.1695	696.92	0.08	227.9	1.0172
278.80	-0.011	196.9	0.1695	697.00	0.07	227.5	0.9977
278.83	-0.014	196.9	0.1305	697.08	0.064	226.9	0.9675
278.87	-0.014	196.1	0.1012	697.17	0.051	225.9	0.9143
278.90	-0.017	195	0.0675	697.25	0.031	224.4	0.8237
278.93	-0.025	193.9	0.0302	697.33	0.017	221.4	0.7101
278.97	-0.028	193.1	0.0044	697.42	0.004	219	0.45

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
279.00	-0.031	192.1	-0.0222	697.50	-0.013	215.9	0.2263
279.03	-0.037	191.2	-0.0222	697.58	-0.026	212.3	-0.0044
279.07	-0.039	191.2	-0.0524	697.67	-0.037	208.8	-0.2068
279.10	-0.039	190.3	-0.0728	697.77	-0.052	203.6	-0.4394
279.13	-0.042	189.4	-0.0923	697.83	-0.062	200	-0.5628
279.17	-0.046	188.6	-0.1127	697.92	-0.068	197.2	-0.6506
279.20	-0.047	187.9	-0.126	698.00	-0.071	195.1	-0.7092
279.23	-0.049	187.2	-0.126	698.08	-0.073	193.7	-0.7403
279.27	-0.051	186.6	-0.1385	698.17	-0.071	193	-0.7474
279.30	-0.051	186.6	-0.1482	698.25	-0.065	193.5	-0.743
279.33	-0.051	186.1	-0.1536	698.33	-0.059	194.3	-0.7137
279.37	-0.051	185.7	-0.1571	698.42	-0.048	196.2	-0.6728
279.40	-0.051	185.4	-0.1598	698.50	-0.036	198.7	-0.6018
279.43	-0.051	185.2	-0.1607	698.58	-0.026	200.9	-0.5139
279.47	-0.05	185	-0.1607	698.67	-0.01	204.4	-0.3764
279.50	-0.049	184.9	-0.1607	698.75	0.011	209.3	-0.2042
279.55	-0.048	184.8	-0.1571	698.83	0.026	212.9	-0.0062
279.58	-0.045	184.9	-0.1571	698.92	0.039	215.8	0.3338
279.62	-0.042	185	-0.1536	699.00	0.053	218.9	0.5503
279.63	-0.042	185	-0.1482	699.08	0.063	221.4	0.7137
279.68	-0.04	185.2	-0.1411	699.18	0.074	224	0.8291
279.70	-0.035	185.6	-0.1323	699.25	0.08	225.4	0.9365
279.73	-0.032	186	-0.1216	699.33	0.086	226.6	0.995
279.77	-0.029	186.4	-0.1083	699.42	0.086	227.3	1.0172
279.80	-0.022	187.1	-0.1083	699.50	0.085	227.8	1.0243
279.83	-0.019	187.1	-0.0905	699.58	0.079	228	1.0199
279.87	-0.019	187.6	-0.0746	699.67	0.068	227.4	1.0057
279.90	-0.015	188.2	-0.0524	699.75	0.062	226.6	0.9569
279.93	-0.007	189.1	-0.0231	699.83	0.049	225.7	0.8965
279.97	-0.003	189.8	0	699.92	0.033	223.9	0.7989
280.00	0	190.6	0.0284	700.00	0.023	222	0.6746
280.03	0.008	191.6	0.0284	700.08	0.007	219.8	0.5042
280.07	0.013	191.6	0.0648	700.17	-0.015	216.8	0.2858
280.10	0.013	192.4	0.0932	700.25	-0.03	211.4	0.0675
280.13	0.016	193.2	0.1243	700.33	-0.04	207.8	-0.2494
280.17	0.024	194.2	0.1616	700.42	-0.053	203.9	-0.4305
280.20	0.028	195.1	0.1926	700.50	-0.062	200.2	-0.561
280.23	0.031	196	0.2228	700.58	-0.067	197.5	-0.6462
280.27	0.038	197	0.2228	700.67	-0.072	194.5	-0.7234
280.30	0.041	197	0.2592	700.75	-0.073	193.4	-0.7447
280.33	0.041	197.7	0.284	700.83	-0.072	193	-0.7492
280.37	0.044	198.6	0.3098	700.92	-0.068	193.1	-0.7421
280.40	0.051	199.4	0.3382	701.00	-0.061	194	-0.7243
280.43	0.052	200	0.3568	701.08	-0.045	195.8	-0.6853
280.47	0.054	200.8	0.3746	701.17	-0.033	199.1	-0.6302
280.50	0.059	201.4	0.3746	701.25	-0.023	201.7	-0.4891
280.53	0.06	201.4	0.3941	701.33	-0.007	205	-0.3444
280.57	0.06	201.9	0.4039	701.42	0.006	208.4	-0.1651
280.60	0.061	202.4	0.4154	701.50	0.02	211.6	0.0426
280.63	0.063	202.9	0.4243	701.58	0.036	215.1	0.2752
280.67	0.063	203.3	0.4287	701.67	0.056	219.4	0.4953
280.70	0.063	203.6	0.4323	701.75	0.066	221.8	0.664
280.73	0.063	203.9	0.4323	701.83	0.074	223.7	0.8592
280.77	0.063	203.9	0.4341	701.92	0.081	225.3	0.9418
280.80	0.063	204.2	0.4349	702.00	0.085	226.5	0.9924
280.83	0.062	204.4	0.4349	702.10	0.086	227.5	1.0234
280.87	0.06	204.5	0.4323	702.17	0.085	227.9	1.027
280.90	0.058	204.5	0.4287	702.25	0.079	228	1.0199
280.93	0.056	204.4	0.4234	702.33	0.073	227.6	1.003
280.97	0.051	204.3	0.4234	702.42	0.064	227.1	0.9729
281.02	0.05	204.3	0.4128	702.50	0.046	225.9	0.9143
281.05	0.047	204	0.4039	702.58	0.031	223.6	0.8362
281.08	0.041	203.7	0.4039	702.67	0.02	221.6	0.6435

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
281.12	0.038	203.7	0.3914	702.75	0.004	219.2	0.466
281.13	0.038	203.5	0.3808	702.83	-0.012	216.1	0.2379
281.17	0.035	202.9	0.3639	702.92	-0.024	212.6	0.0178
281.20	0.027	202.4	0.3426	703.00	-0.038	208.9	-0.1997
281.23	0.024	202	0.3258	703.08	-0.055	204.8	-0.3914
281.27	0.02	201.2	0.2991	703.17	-0.064	199.7	-0.5202
281.30	0.012	200.5	0.2991	703.25	-0.068	197	-0.6622
281.33	0.008	200.5	0.2681	703.33	-0.072	194.9	-0.7172
281.37	0.008	199.9	0.2423	703.42	-0.073	193.7	-0.7412
281.40	0.004	199	0.2104	703.52	-0.071	193.1	-0.7474
281.43	-0.004	198.1	0.1731	703.58	-0.067	193.3	-0.7385
281.47	-0.007	197.3	0.142	703.67	-0.059	194.3	-0.7181
281.50	-0.013	196.2	0.142	703.75	-0.047	196.3	-0.6728
281.53	-0.019	195.2	0.1039	703.83	-0.039	198.2	-0.6151
281.57	-0.019	195.2	0.0701	703.92	-0.025	201	-0.5219
281.60	-0.022	194.4	0.0417	704.00	-0.004	205.8	-0.3923
281.63	-0.028	193.2	0.008	704.08	0.01	209.1	-0.2255
281.67	-0.032	192.4	-0.0178	704.17	0.024	212.5	0.0968
281.70	-0.034	191.5	-0.0426	704.25	0.039	215.8	0.3231
281.73	-0.039	190.4	-0.0426	704.33	0.052	218.7	0.5361
281.77	-0.042	190.4	-0.0701	704.42	0.062	221	0.6959
281.80	-0.042	189.6	-0.0897	704.50	0.073	223.2	0.8326
281.83	-0.044	188.9	-0.1065	704.58	0.082	225.5	0.9214
281.87	-0.048	188	-0.1243	704.67	0.086	226.6	0.9782
281.90	-0.049	187.4	-0.1349	704.75	0.087	227.4	1.0208
281.93	-0.05	186.8	-0.1447	704.83	0.084	227.8	1.0243
281.97	-0.051	186.2	-0.1447	704.92	0.081	227.9	1.0181
282.00	-0.051	186.2	-0.1518	705.02	0.072	227.5	0.9968
282.03	-0.051	185.9	-0.1571	705.08	0.062	226.9	0.9604
282.07	-0.051	185.5	-0.1598	705.17	0.047	225.6	0.8965
282.10	-0.051	185.3	-0.1607	705.25	0.036	223.9	0.8024
282.13	-0.05	185.1	-0.1607	705.33	0.022	222.3	0.6755
282.17	-0.049	184.9	-0.1598	705.42	0	219.7	0.4989
282.20	-0.047	185	-0.1598	705.50	-0.015	215.3	0.308
282.23	-0.045	185	-0.1571	705.58	-0.027	211.8	-0.032
282.27	-0.045	185	-0.1536	705.67	-0.041	208.2	-0.2441
282.30	-0.043	185.1	-0.1465	705.75	-0.053	204	-0.4287
282.33	-0.038	185.5	-0.1394	705.83	-0.059	200.7	-0.5459
282.37	-0.035	185.7	-0.1314	705.92	-0.067	197.7	-0.6427
282.40	-0.033	186	-0.1198	706.00	-0.073	195.3	-0.7083
282.45	-0.026	186.7	-0.1039	706.08	-0.073	193.6	-0.7367
282.48	-0.024	187	-0.0959	706.17	-0.071	193.2	-0.7483
282.52	-0.021	187.4	-0.0799	706.25	-0.067	193.3	-0.7403
282.55	-0.014	188.3	-0.0799	706.33	-0.058	194.5	-0.7181
282.58	-0.01	188.9	-0.0568	706.43	-0.045	196.8	-0.6799
282.60	-0.01	188.9	-0.0364	706.50	-0.037	199	-0.5974
282.63	-0.006	189.5	-0.0107	706.58	-0.022	201.7	-0.4989
282.67	0.001	190.6	0.0231	706.67	-0.008	204.9	-0.3551
282.70	0.006	191.4	0.0524	706.75	0.004	208.3	-0.1837
282.73	0.009	192.1	0.0817	706.83	0.021	211.6	0.0284
282.77	0.017	193.2	0.0817	706.92	0.042	215	0.2627
282.80	0.022	193.2	0.1198	707.00	0.055	219.3	0.4696
282.83	0.022	194	0.15	707.08	0.064	221.6	0.7261
282.87	0.024	194.8	0.182	707.17	0.075	223.7	0.8548
282.90	0.033	195.9	0.2201	707.25	0.081	225.3	0.9365
282.93	0.036	196.7	0.2485	707.33	0.084	226.4	0.9888
282.97	0.039	197.6	0.2778	707.42	0.086	227.3	1.019
283.00	0.046	198.5	0.2778	707.50	0.084	227.8	1.027
283.03	0.048	198.5	0.308	707.58	0.078	227.9	1.0226
283.07	0.048	199.2	0.3293	707.67	0.072	227.6	0.9968
283.10	0.05	200	0.3506	707.75	0.061	226.9	0.9649
283.13	0.056	200.7	0.3728	707.83	0.049	225.6	0.8992
283.17	0.057	201.2	0.3879	707.93	0.033	223.6	0.8362

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
283.20	0.059	201.9	0.4012	708.00	0.02	221.9	0.6498
283.23	0.062	202.4	0.4012	708.08	0.003	219.1	0.4562
283.27	0.062	202.4	0.4145	708.17	-0.01	216	0.2397
283.30	0.062	202.9	0.4216	708.25	-0.024	212.9	0.016
283.33	0.063	203.3	0.4278	708.33	-0.039	208.8	-0.2104
283.37	0.064	203.6	0.4332	708.42	-0.055	203.1	-0.3861
283.40	0.063	204	0.4349	708.50	-0.062	199.7	-0.5237
283.43	0.063	204.2	0.4358	708.58	-0.068	197.1	-0.6666
283.47	0.062	204.4	0.4358	708.67	-0.073	194.8	-0.7225
283.50	0.062	204.4	0.4358	708.75	-0.073	193.7	-0.7438
283.53	0.061	204.6	0.4323	708.83	-0.072	193.1	-0.7509
283.57	0.058	204.5	0.4296	708.92	-0.066	193.2	-0.7465
283.60	0.055	204.5	0.4252	709.00	-0.056	194.8	-0.7279
283.63	0.053	204.5	0.4199	709.08	-0.048	196.6	-0.6702
283.67	0.049	204.2	0.4199	709.17	-0.036	198.7	-0.6054
283.70	0.045	204	0.4119	709.25	-0.022	201.7	-0.4997
283.73	0.045	204	0.4021	709.35	-0.006	205.6	-0.395
283.77	0.042	203.8	0.3914	709.42	0.007	209	-0.1473
283.80	0.036	203.3	0.3755	709.50	0.024	212.4	0.0781
283.83	0.032	202.9	0.3604	709.58	0.038	215.7	0.3053
283.87	0.029	202.5	0.3409	709.67	0.049	218.6	0.5104
283.92	0.024	202	0.3258	709.75	0.062	221	0.6879
283.95	0.02	201.5	0.3071	709.83	0.076	223.2	0.8273
283.98	0.016	200.8	0.2796	709.92	0.082	225.6	0.9125
284.00	0.007	199.9	0.2796	710.00	0.085	226.6	0.9942
284.03	0.003	199.9	0.2432	710.08	0.086	227.4	1.019
284.07	0.003	199.3	0.2175	710.17	0.085	227.9	1.0243
284.10	0	198.4	0.1846	710.25	0.081	228	1.0181
284.13	-0.008	197.4	0.1447	710.33	0.073	227.7	1.003
284.17	-0.012	196.6	0.1154	710.42	0.058	226.7	0.9729
284.20	-0.015	195.6	0.0826	710.50	0.046	225.4	0.924
284.23	-0.023	194.5	0.0826	710.58	0.035	224	0.7927
284.27	-0.026	194.5	0.0453	710.67	0.018	221.8	0.6453
284.30	-0.026	193.6	0.0186	710.75	0.005	219.3	0.4722
284.33	-0.029	192.6	-0.0098	710.83	-0.013	215.3	0.1953
284.37	-0.036	191.6	-0.0408	710.92	-0.027	212.1	-0.0275
284.40	-0.038	190.8	-0.0621	711.00	-0.041	208	-0.2521
284.43	-0.04	189.9	-0.0843	711.08	-0.051	204.1	-0.4234
284.47	-0.045	189	-0.0843	711.17	-0.06	200.9	-0.5468
284.50	-0.046	189	-0.1047	711.25	-0.068	197.6	-0.6489
284.53	-0.046	188.3	-0.1189	711.33	-0.073	194.4	-0.7083
284.57	-0.047	187.7	-0.1314	711.42	-0.073	193.5	-0.7483
284.60	-0.051	187	-0.1438	711.50	-0.071	193.1	-0.7518
284.63	-0.051	186.4	-0.15	711.58	-0.066	193.4	-0.7447
284.67	-0.051	186	-0.1553	711.67	-0.061	194.4	-0.7234
284.70	-0.052	185.6	-0.1553	711.75	-0.051	195.8	-0.6888
284.73	-0.051	185.6	-0.1598	711.83	-0.033	198.4	-0.6205
284.77	-0.051	185.4	-0.1607	711.92	-0.019	202.3	-0.537
284.80	-0.051	185.2	-0.1616	712.00	-0.008	205.4	-0.3382
284.83	-0.049	185	-0.1607	712.08	0.008	208.7	-0.1553
284.87	-0.048	185	-0.158	712.17	0.023	212.2	0.0666
284.90	-0.046	185.1	-0.1536	712.27	0.04	216.5	0.2565
284.93	-0.042	185.2	-0.1536	712.33	0.051	219.3	0.5441
284.97	-0.04	185.2	-0.1482	712.42	0.065	221.7	0.7261
285.00	-0.04	185.4	-0.1411	712.50	0.075	223.7	0.8504
285.03	-0.037	185.8	-0.1331	712.58	0.079	225.3	0.9276
285.07	-0.031	186.2	-0.1225	712.67	0.084	226.4	0.9853
285.10	-0.029	186.5	-0.1101	712.75	0.086	227.4	1.0163
285.13	-0.025	187.2	-0.0932	712.83	0.084	228	1.0252
285.17	-0.017	187.8	-0.0932	712.92	0.08	228	1.0172
285.20	-0.015	187.8	-0.0737	713.00	0.072	227.7	0.9995
285.23	-0.015	188.4	-0.0559	713.08	0.06	226.9	0.9622
285.27	-0.01	189.2	-0.0293	713.17	0.052	226	0.9089

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
285.30	-0.002	190	0.0009	713.25	0.036	224.5	0.8228
285.33	0.001	190.7	0.0249	713.33	0.015	221.4	0.6906
285.38	0.005	191.4	0.0462	713.42	0.002	218.8	0.5352
285.42	0.009	192.1	0.0692	713.50	-0.012	215.9	0.2139
285.45	0.014	192.9	0.1021	713.58	-0.028	212.2	-0.0266
285.48	0.019	193.9	0.1394	713.68	-0.044	206.9	-0.2352
285.50	0.026	194.9	0.1394	713.75	-0.053	203.2	-0.3719
285.53	0.026	194.9	0.1775	713.83	-0.061	200.1	-0.5708
285.57	0.029	195.7	0.2104	713.92	-0.069	197	-0.6648
285.60	0.035	196.8	0.2468	714.00	-0.072	194.9	-0.719
285.63	0.041	197.6	0.2778	714.08	-0.073	193.7	-0.7447
285.67	0.043	198.3	0.3018	714.17	-0.072	193.2	-0.7518
285.70	0.048	199.2	0.3018	714.25	-0.065	193.5	-0.7474
285.73	0.051	199.9	0.3267	714.33	-0.058	194.8	-0.7154
285.77	0.051	199.9	0.3488	714.42	-0.048	196.3	-0.6773
285.80	0.053	200.5	0.3675	714.50	-0.035	198.8	-0.6063
285.83	0.057	201.3	0.3861	714.58	-0.026	201.4	-0.5148
285.87	0.059	201.8	0.4003	714.67	-0.011	204.3	-0.3861
285.90	0.06	202.3	0.411	714.75	0.011	207.8	-0.2068
285.93	0.063	202.9	0.411	714.83	0.026	213	-0.0089
285.97	0.063	202.9	0.4207	714.92	0.038	216.2	0.332
286.00	0.063	203.3	0.427	715.00	0.052	218.9	0.5379
286.03	0.063	203.6	0.4314	715.08	0.065	221.5	0.7163
286.07	0.063	204	0.4341	715.18	0.075	224.1	0.8228
286.10	0.063	204.3	0.4349	715.25	0.08	225.6	0.9373
286.13	0.062	204.5	0.4349	715.33	0.085	226.7	0.9933
286.17	0.061	204.6	0.4349	715.42	0.086	227.5	1.0172
286.20	0.059	204.6	0.4341	715.50	0.084	227.9	1.0208
286.23	0.059	204.7	0.4314	715.58	0.081	228.1	1.0181
286.27	0.057	204.6	0.4261	715.67	0.07	227.8	1.0013
286.30	0.052	204.5	0.4207	715.75	0.058	226.8	0.9746
286.33	0.05	204.5	0.4136	715.83	0.05	225.6	0.8912
286.37	0.048	204.2	0.4048	715.92	0.034	224.1	0.798
286.40	0.041	203.9	0.4048	716.00	0.02	222	0.6586
286.43	0.038	203.9	0.3923	716.08	0.007	219.7	0.4918
286.47	0.038	203.6	0.3808	716.17	-0.009	216.7	0.2725
286.50	0.035	203	0.3648	716.25	-0.031	213.2	0.0408
286.53	0.026	202.5	0.3435	716.33	-0.042	207.6	-0.1678
286.57	0.024	202.1	0.3267	716.42	-0.052	203.9	-0.4394
286.60	0.02	201.4	0.3009	716.50	-0.062	200.3	-0.569
286.63	0.012	200.6	0.3009	716.60	-0.07	197.3	-0.6595
286.67	0.009	200.6	0.269	716.67	-0.073	194.5	-0.7083
286.70	0.009	200	0.2432	716.75	-0.073	193.5	-0.7492
286.73	0.004	199.1	0.2113	716.83	-0.071	193.1	-0.7527
286.77	-0.004	198.2	0.1722	716.92	-0.067	193.4	-0.7447
286.82	-0.007	197.5	0.1482	717.00	-0.061	194.1	-0.7261
286.85	-0.01	196.7	0.126	717.08	-0.05	195.9	-0.6888
286.88	-0.016	195.8	0.0914	717.17	-0.033	199.4	-0.6258
286.92	-0.02	194.9	0.0568	717.25	-0.021	202.3	-0.5423
286.95	-0.026	193.7	0.0568	717.33	-0.008	205.2	-0.3409
286.97	-0.031	192.7	0.0178	717.42	0.009	208.8	-0.15
287.00	-0.031	192.7	-0.0115	717.50	0.022	212.3	0.0675
287.03	-0.033	192	-0.0328	717.58	0.035	215.3	0.2805
287.07	-0.037	190.9	-0.0586	717.67	0.051	218.4	0.5104
287.10	-0.041	190.1	-0.0799	717.75	0.068	222.1	0.6808
287.13	-0.043	189.3	-0.0994	717.83	0.075	224.1	0.8654
287.17	-0.047	188.4	-0.0994	717.92	0.081	225.5	0.9436
287.20	-0.048	188.4	-0.1189	718.00	0.086	226.7	0.9977
287.23	-0.048	187.8	-0.1314	718.10	0.086	227.7	1.0172
287.27	-0.049	187.2	-0.1411	718.17	0.084	228.1	1.027
287.30	-0.051	186.5	-0.15	718.25	0.08	228.2	1.0208
287.33	-0.051	186.1	-0.1553	718.33	0.071	227.8	1.0021
287.37	-0.051	185.8	-0.1589	718.42	0.064	227.1	0.9693

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
287.40	-0.051	185.5	-0.1589	718.50	0.051	226.1	0.916
287.43	-0.051	185.5	-0.1607	718.58	0.031	224.5	0.8237
287.47	-0.051	185.2	-0.1616	718.67	0.016	221.6	0.711
287.50	-0.05	185.1	-0.1607	718.75	0.004	219.2	0.4527
287.53	-0.047	185	-0.1589	718.83	-0.013	216	0.2237
287.57	-0.046	185	-0.1553	718.92	-0.026	212.5	-0.008
287.60	-0.044	185.2	-0.15	719.00	-0.037	209	-0.2095
287.63	-0.039	185.5	-0.15	719.08	-0.051	204.8	-0.4003
287.67	-0.037	185.5	-0.1429	719.17	-0.064	201.2	-0.5344
287.70	-0.037	185.6	-0.1358	719.25	-0.069	196.8	-0.6311
287.73	-0.034	186	-0.1243	719.33	-0.072	194.9	-0.7225
287.77	-0.027	186.6	-0.1101	719.42	-0.073	193.7	-0.7474
287.80	-0.025	187	-0.0968	719.52	-0.071	193.1	-0.7536
287.83	-0.021	187.7	-0.0781	719.58	-0.066	193.6	-0.743
287.87	-0.013	188.4	-0.0781	719.67	-0.059	194.3	-0.7199
287.90	-0.01	188.4	-0.055	719.75	-0.047	196.5	-0.6773
287.93	-0.01	189	-0.0355	719.83	-0.038	198.7	-0.6098
287.97	-0.007	189.9	-0.0089	719.92	-0.025	201.1	-0.5193
288.00	0.002	190.8	0.0257	720.00	-0.004	204.5	-0.3817
288.03	0.005	191.5	0.0524	720.08	0.01	209.4	-0.2255
288.07	0.009	192.4	0.0843	720.17	0.023	212.9	0.095
288.10	0.018	193.4	0.0843	720.25	0.039	215.9	0.3249
288.13	0.018	193.4	0.1225	720.33	0.053	218.9	0.5388
288.17	0.021	194.1	0.1527	720.42	0.062	221.4	0.6968
288.20	0.026	195.2	0.19	720.50	0.073	223.4	0.8326
288.23	0.033	196.2	0.2246	720.58	0.082	225.2	0.9258
288.28	0.035	196.9	0.245	720.67	0.086	226.8	0.9817
288.32	0.037	197.6	0.2654	720.75	0.086	227.5	1.0226
288.35	0.043	198.4	0.2956	720.83	0.084	228	1.0261
288.38	0.046	199.1	0.3204	720.92	0.079	228.1	1.0199
288.40	0.051	200	0.3204	721.00	0.069	227.7	1.0092
288.43	0.054	200	0.348	721.08	0.062	227	0.9613
288.47	0.054	200.6	0.3675	721.17	0.048	225.9	0.901
288.50	0.056	201.2	0.3843	721.25	0.034	224.2	0.8033
288.53	0.06	201.9	0.3994	721.33	0.023	222.4	0.6808
288.57	0.061	202.4	0.4101	721.42	0.006	219.9	0.5051
288.60	0.062	202.9	0.419	721.50	-0.016	217	0.2885
288.63	0.063	203.4	0.419	721.58	-0.029	211.6	0.0701
288.67	0.063	203.4	0.427	721.67	-0.04	208.2	-0.2521
288.70	0.063	203.7	0.4314	721.75	-0.053	203.9	-0.4394
288.73	0.064	204.1	0.4341	721.83	-0.061	200.5	-0.5628
288.77	0.063	204.4	0.4358	721.92	-0.067	197.8	-0.6489
288.80	0.062	204.6	0.4358	722.00	-0.072	195.2	-0.7172
288.83	0.062	204.7	0.4349	722.08	-0.073	193.5	-0.7447
288.87	0.059	204.8	0.4349	722.17	-0.071	193.2	-0.7545
288.90	0.057	204.8	0.4323	722.25	-0.067	193.4	-0.7447
288.93	0.057	204.8	0.4278	722.33	-0.058	194.6	-0.7234
288.97	0.055	204.7	0.4216	722.43	-0.045	197	-0.6808
289.00	0.049	204.5	0.4145	722.50	-0.034	199.4	-0.5921
289.03	0.047	204.4	0.4065	722.58	-0.023	201.8	-0.4989
289.07	0.044	204	0.3959	722.67	-0.007	205.3	-0.3471
289.10	0.037	203.6	0.3959	722.75	0.006	208.7	-0.1651
289.13	0.037	203.6	0.3808	722.83	0.02	211.8	0.0382
289.17	0.035	203.3	0.3675	722.92	0.036	215.4	0.2778
289.20	0.029	202.6	0.3462	723.00	0.056	219.7	0.4926
289.23	0.023	202.1	0.3249	723.08	0.065	222.1	0.743
289.27	0.02	201.7	0.3018	723.17	0.074	223.9	0.8566
289.30	0.013	200.8	0.3018	723.25	0.082	225.5	0.9427
289.33	0.007	200.1	0.2716	723.33	0.085	226.7	0.9942
289.37	0.007	200.1	0.2414	723.42	0.086	227.4	1.0208
289.40	0.004	199.4	0.2139	723.50	0.084	228	1.0279
289.43	-0.003	198.4	0.1758	723.58	0.078	228.1	1.0243
289.47	-0.008	197.5	0.1429	723.67	0.072	227.6	0.9986

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
289.50	-0.011	196.7	0.1127	723.75	0.062	227	0.9649
289.53	-0.019	195.6	0.1127	723.85	0.046	225.7	0.8992
289.57	-0.022	195.6	0.0754	723.92	0.031	223.8	0.8362
289.60	-0.022	194.6	0.047	724.00	0.02	221.8	0.6453
289.63	-0.025	193.7	0.0151	724.08	0.004	219.4	0.4642
289.67	-0.032	192.6	-0.0186	724.17	-0.012	216.2	0.2361
289.72	-0.035	191.7	-0.0399	724.25	-0.024	212.9	0.0142
289.75	-0.036	191.1	-0.0568	724.33	-0.038	209.1	-0.2042
289.78	-0.041	190.2	-0.079	724.42	-0.053	205	-0.3986
289.82	-0.043	189.4	-0.0968	724.50	-0.063	199.9	-0.5228
289.85	-0.045	188.6	-0.1145	724.58	-0.067	197.2	-0.6693
289.87	-0.049	187.8	-0.1145	724.67	-0.074	194.7	-0.7279
289.90	-0.049	187.8	-0.1314	724.75	-0.072	193.8	-0.7465
289.93	-0.049	187.3	-0.1411	724.83	-0.072	193.3	-0.7527
289.97	-0.05	186.6	-0.15	724.92	-0.068	193.3	-0.7483
290.00	-0.052	186.1	-0.1562	725.00	-0.058	194.4	-0.7288
290.03	-0.051	185.8	-0.1598	725.08	-0.044	197.2	-0.6897
290.07	-0.051	185.5	-0.1616	725.17	-0.037	199	-0.6
290.10	-0.051	185.3	-0.1616	725.25	-0.022	202	-0.4944
290.13	-0.05	185.3	-0.1624	725.35	-0.005	206.1	-0.3764
290.17	-0.05	185.1	-0.1616	725.42	0.009	209.3	-0.2379
290.20	-0.049	185.1	-0.1598	725.50	0.023	212.7	0.0905
290.23	-0.045	185.1	-0.1562	725.58	0.039	216.1	0.3249
290.27	-0.044	185.2	-0.1509	725.67	0.052	219	0.5361
290.30	-0.041	185.5	-0.1447	725.75	0.062	221.4	0.6986
290.33	-0.036	185.7	-0.1447	725.83	0.074	223.5	0.8344
290.37	-0.034	185.7	-0.1358	725.92	0.083	225.8	0.9187
290.40	-0.034	186	-0.1269	726.00	0.085	226.9	0.9791
290.43	-0.03	186.6	-0.1136	726.08	0.086	227.6	1.0217
290.47	-0.024	187.2	-0.0968	726.17	0.085	228	1.0261
290.50	-0.021	187.6	-0.0808	726.25	0.081	228.1	1.0208
290.53	-0.015	188.4	-0.0808	726.33	0.074	227.9	1.0048
290.57	-0.009	189.1	-0.0559	726.42	0.059	227.1	0.9711
290.60	-0.009	189.1	-0.0355	726.50	0.045	225.5	0.9231
290.63	-0.006	189.7	-0.0098	726.58	0.035	223.9	0.7891
290.67	0	190.7	0.0222	726.67	0.019	222.1	0.656
290.70	0.006	191.6	0.0533	726.77	0.001	219.4	0.4696
290.73	0.01	192.3	0.0834	726.83	-0.014	215.5	0.3151
290.77	0.016	193.4	0.0834	726.92	-0.027	212	-0.0364
290.80	0.022	194.2	0.1207	727.00	-0.041	208.3	-0.2503
290.83	0.022	194.2	0.1527	727.08	-0.053	204.2	-0.4296
290.87	0.025	195	0.1811	727.17	-0.059	200.8	-0.553
290.90	0.031	196.1	0.2184	727.25	-0.067	197.7	-0.6515
290.93	0.037	197	0.2521	727.33	-0.074	195.3	-0.7163
290.97	0.039	197.7	0.2778	727.42	-0.072	193.7	-0.7421
291.00	0.045	198.6	0.2778	727.50	-0.072	193.2	-0.7545
291.03	0.049	199.4	0.3071	727.58	-0.067	193.4	-0.7456
291.07	0.049	199.4	0.3311	727.67	-0.058	194.6	-0.7234
291.10	0.051	200	0.3515	727.75	-0.051	196	-0.687
291.13	0.055	200.8	0.3719	727.83	-0.037	198.3	-0.624
291.18	0.057	201.4	0.3861	727.92	-0.019	202.5	-0.5308
291.22	0.058	201.9	0.3968	728.00	-0.006	205.7	-0.4128
291.23	0.061	202.5	0.4083	728.08	0.006	208.9	-0.1544
291.28	0.062	202.9	0.4172	728.17	0.024	212.6	0.0817
291.30	0.063	203.4	0.4252	728.27	0.041	216.9	0.261
291.33	0.063	203.8	0.4252	728.33	0.054	219.7	0.458
291.37	0.063	203.8	0.4314	728.42	0.064	221.9	0.7305
291.40	0.063	204.1	0.4341	728.50	0.075	223.9	0.8575
291.43	0.063	204.4	0.4358	728.58	0.081	225.5	0.9365
291.47	0.062	204.6	0.4358	728.67	0.084	226.6	0.9897
291.50	0.061	204.8	0.4349	728.75	0.086	227.4	1.0199
291.53	0.06	204.9	0.4323	728.83	0.083	228.1	1.0297
291.57	0.056	204.8	0.4323	728.92	0.08	228.2	1.0279

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
291.60	0.054	204.8	0.4278	729.00	0.072	227.9	1.0004
291.63	0.054	204.8	0.4243	729.08	0.06	227	0.9649
291.67	0.052	204.7	0.4163	729.17	0.05	225.8	0.9036
291.70	0.046	204.4	0.4074	729.25	0.038	224.6	0.8184
291.73	0.044	204.2	0.3986	729.33	0.016	222.4	0.679
291.77	0.041	203.9	0.3852	729.42	0.001	218.8	0.5299
291.80	0.033	203.4	0.3852	729.50	-0.011	215.7	0.2113
291.83	0.03	203.4	0.3684	729.58	-0.027	212.4	-0.0186
291.87	0.03	203	0.3542	729.68	-0.042	208.8	-0.2121
291.90	0.027	202.5	0.3338	729.75	-0.055	203.1	-0.3684
291.93	0.019	201.8	0.3071	729.83	-0.061	200.2	-0.569
291.97	0.015	201.2	0.2832	729.92	-0.068	197.2	-0.6657
292.00	0.012	200.4	0.2521	730.00	-0.073	194.8	-0.7261
292.03	0.003	199.5	0.2521	730.08	-0.073	193.7	-0.7501
292.07	-0.001	199.5	0.2157	730.17	-0.072	193.2	-0.7563
292.10	-0.001	198.8	0.1873	730.25	-0.065	193.3	-0.7509
292.13	-0.005	197.8	0.1536	730.33	-0.056	194.9	-0.7341
292.17	-0.013	196.8	0.1154	730.42	-0.05	196.6	-0.6764
292.20	-0.016	196	0.087	730.50	-0.036	198.9	-0.6089
292.23	-0.02	194.8	0.0533	730.58	-0.022	201.7	-0.5068
292.27	-0.027	193.8	0.0533	730.67	-0.011	204.8	-0.3772
292.30	-0.027	193.8	0.016	730.75	0.005	208.1	-0.1971
292.33	-0.029	193	-0.0107	730.83	0.026	211.5	0.0115
292.37	-0.034	191.9	-0.0399	730.92	0.041	216.5	0.2317
292.40	-0.039	191	-0.0657	731.00	0.052	219.3	0.5512
292.43	-0.04	190.2	-0.0843	731.08	0.065	221.7	0.7252
292.47	-0.044	189.2	-0.0843	731.17	0.075	223.4	0.8149
292.50	-0.047	188.5	-0.1047	731.25	0.082	225.8	0.9054
292.53	-0.047	188.5	-0.1207	731.33	0.085	226.9	0.9959
292.57	-0.048	187.9	-0.1331	731.42	0.086	227.7	1.0226
292.60	-0.05	187.2	-0.1447	731.50	0.085	228.1	1.0279
292.65	-0.051	186.6	-0.1527	731.58	0.081	228.3	1.0217
292.67	-0.051	186.2	-0.1562	731.67	0.073	228	1.0066
292.72	-0.051	185.9	-0.1607	731.75	0.058	226.9	0.9746
292.75	-0.051	185.5	-0.1624	731.83	0.046	225.6	0.9249
292.77	-0.051	185.3	-0.1633	731.92	0.035	224.2	0.7953
292.80	-0.05	185.1	-0.1633	732.00	0.018	222	0.6489
292.83	-0.048	185.1	-0.1633	732.08	0.005	219.5	0.4713
292.87	-0.048	185.1	-0.1616	732.17	-0.009	216.8	0.2601
292.90	-0.047	185	-0.158	732.25	-0.025	213	0.0169
292.93	-0.043	185.2	-0.1527	732.33	-0.044	207.2	-0.1971
292.97	-0.041	185.4	-0.1473	732.42	-0.053	203.4	-0.3755
293.00	-0.039	185.6	-0.1394	732.50	-0.061	200.3	-0.5752
293.03	-0.033	186.1	-0.1394	732.60	-0.069	197.1	-0.6719
293.07	-0.03	186.1	-0.1296	732.67	-0.073	194.4	-0.7163
293.10	-0.03	186.4	-0.1189	732.75	-0.073	193.5	-0.7527
293.13	-0.027	186.8	-0.1039	732.83	-0.071	193.1	-0.7563
293.17	-0.02	187.6	-0.0843	732.92	-0.066	193.4	-0.7492
293.20	-0.016	188.1	-0.0683	733.00	-0.061	194.4	-0.7279
293.23	-0.013	188.8	-0.0444	733.08	-0.051	195.9	-0.6915
293.27	-0.005	189.7	-0.0444	733.17	-0.033	198.4	-0.6249
293.30	-0.001	189.7	-0.0142	733.25	-0.019	202.4	-0.5423
293.33	-0.001	190.4	0.0107	733.33	-0.008	205.5	-0.34
293.37	0.002	191.3	0.0417	733.42	0.008	208.8	-0.1589
293.40	0.011	192.3	0.0781	733.50	0.023	212.3	0.063
293.43	0.014	193	0.1065	733.58	0.035	215.6	0.2805
293.47	0.018	194	0.1402	733.67	0.051	218.5	0.5033
293.50	0.027	195	0.1402	733.75	0.067	221.1	0.6799
293.53	0.03	195	0.1802	733.83	0.076	224.2	0.8122
293.57	0.03	195.8	0.2077	733.92	0.081	225.6	0.9462
293.60	0.033	196.8	0.2388	734.02	0.085	226.7	0.9959
293.63	0.04	197.7	0.2743	734.08	0.086	227.8	1.019
293.67	0.042	198.4	0.2991	734.17	0.084	228.2	1.0279

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
293.70	0.047	199.3	0.2991	734.25	0.08	228.3	1.0199
293.73	0.052	200	0.3275	734.33	0.071	227.9	1.003
293.77	0.052	200	0.3524	734.42	0.061	227	0.9666
293.80	0.053	200.7	0.3693	734.50	0.052	226.2	0.9125
293.83	0.057	201.4	0.3879	734.58	0.036	224.5	0.822
293.87	0.059	202	0.4021	734.67	0.015	221.5	0.6906
293.90	0.06	202.5	0.4128	734.75	0.002	218.8	0.5352
293.93	0.063	203	0.4128	734.83	-0.012	216.1	0.2095
293.97	0.063	203	0.4234	734.92	-0.028	212.2	-0.0364
294.00	0.063	203.5	0.4296	735.00	-0.039	208.4	-0.2352
294.03	0.063	203.8	0.4332	735.08	-0.05	204.9	-0.4092
294.08	0.063	204.2	0.4358	735.17	-0.061	200.9	-0.5539
294.12	0.063	204.4	0.4376	735.25	-0.07	196.6	-0.6462
294.15	0.062	204.7	0.4376	735.33	-0.072	194.8	-0.7288
294.18	0.062	204.8	0.4376	735.42	-0.073	193.7	-0.7518
294.20	0.06	204.9	0.4341	735.52	-0.071	193.2	-0.7563
294.23	0.058	204.9	0.4305	735.58	-0.065	193.6	-0.7536
294.27	0.054	204.8	0.4305	735.67	-0.059	194.7	-0.7225
294.30	0.052	204.8	0.4252	735.75	-0.048	196.3	-0.6826
294.33	0.052	204.8	0.4199	735.83	-0.035	198.9	-0.608
294.37	0.049	204.6	0.411	735.92	-0.026	201.5	-0.521
294.40	0.043	204.3	0.4003	736.00	-0.011	204.5	-0.3879
294.43	0.04	204	0.3897	736.08	0.011	208	-0.2077
294.47	0.037	203.5	0.3737	736.17	0.026	213.1	-0.0107
294.50	0.029	203	0.3737	736.25	0.038	216.3	0.3284
294.53	0.026	203	0.3551	736.33	0.053	219.1	0.5459
294.57	0.026	202.6	0.3373	736.42	0.065	221.6	0.7181
294.60	0.022	201.9	0.3124	736.50	0.072	223.6	0.8353
294.63	0.014	201.2	0.2823	736.58	0.08	225.2	0.9267
294.67	0.011	200.6	0.2583	736.67	0.086	226.4	0.9862
294.70	0.006	199.7	0.2246	736.75	0.086	227.7	1.0146
294.73	-0.002	198.7	0.2246	736.83	0.085	228.1	1.0261
294.77	-0.002	198.7	0.1864	736.93	0.08	228.2	1.0208
294.80	-0.005	198.1	0.1553	737.00	0.069	227.8	1.0066
294.83	-0.011	196.9	0.1172	737.08	0.058	226.9	0.9791
294.87	-0.017	195.9	0.0834	737.17	0.049	226	0.8956
294.90	-0.019	195.1	0.055	737.25	0.033	224.2	0.8007
294.93	-0.026	193.9	0.055	737.33	0.02	222.2	0.6595
294.97	-0.03	193.9	0.0186	737.42	0.007	219.9	0.4926
295.00	-0.03	193	-0.0098	737.50	-0.01	216.8	0.2698
295.03	-0.032	192.1	-0.0337	737.58	-0.031	211.4	0.0364
295.07	-0.038	191.1	-0.0621	737.67	-0.041	207.7	-0.1704
295.10	-0.041	190.3	-0.0834	737.75	-0.052	204	-0.4438
295.13	-0.043	189.5	-0.1012	737.83	-0.063	200.3	-0.5761
295.17	-0.047	188.6	-0.1012	737.92	-0.068	197.4	-0.6631
295.20	-0.048	188.6	-0.1198	738.00	-0.072	195.3	-0.7208
295.23	-0.048	188	-0.1323	738.08	-0.073	193.9	-0.7501
295.27	-0.049	187.4	-0.142	738.17	-0.071	193.2	-0.7572
295.30	-0.051	186.7	-0.1518	738.25	-0.066	193.7	-0.7465
295.33	-0.051	186.3	-0.1571	738.33	-0.059	194.5	-0.7243
295.37	-0.052	185.9	-0.1607	738.43	-0.05	196.1	-0.6932
295.40	-0.051	185.6	-0.1607	738.50	-0.032	199.6	-0.6302
295.43	-0.051	185.6	-0.1624	738.58	-0.023	202.2	-0.4962
295.47	-0.051	185.4	-0.1633	738.67	-0.008	205.2	-0.3551
295.50	-0.05	185.2	-0.1624	738.75	0.007	208.7	-0.1669
295.55	-0.047	185.2	-0.1607	738.83	0.02	212.2	0.0408
295.58	-0.047	185.1	-0.1589	738.92	0.035	215.3	0.2672
295.62	-0.045	185.1	-0.1544	739.00	0.055	218.5	0.4997
295.65	-0.041	185.4	-0.1482	739.08	0.067	222.2	0.6648
295.67	-0.038	185.6	-0.142	739.17	0.073	224.1	0.8566
295.70	-0.036	185.8	-0.1323	739.25	0.081	225.6	0.9444
295.73	-0.03	186.4	-0.1323	739.33	0.086	226.8	0.995
295.77	-0.026	186.4	-0.1189	739.42	0.086	227.5	1.0181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
295.80	-0.026	186.8	-0.1056	739.50	0.085	228	1.0252
295.83	-0.023	187.4	-0.0897	739.58	0.079	228.2	1.0226
295.87	-0.016	188.2	-0.0683	739.67	0.068	227.7	1.0075
295.90	-0.012	188.8	-0.0488	739.75	0.062	227	0.9595
295.93	-0.009	189.4	-0.024	739.85	0.048	225.9	0.9027
295.97	-0.001	190.4	-0.024	739.92	0.031	224.7	0.8317
296.00	0.004	190.4	0.0098	740.00	0.017	221.7	0.711
296.03	0.004	191.2	0.0373	740.08	0.004	219.3	0.4483
296.07	0.007	192	0.0683	740.17	-0.013	216.1	0.2228
296.10	0.015	193	0.1047	740.25	-0.026	212.5	-0.016
296.13	0.019	193.8	0.1349	740.33	-0.037	209	-0.2157
296.17	0.022	194.7	0.1678	740.42	-0.051	204.9	-0.4065
296.20	0.031	195.8	0.1678	740.50	-0.064	201.2	-0.5415
296.23	0.034	195.8	0.2068	740.58	-0.069	196.9	-0.6373
296.27	0.034	196.6	0.2343	740.67	-0.072	194.9	-0.7296
296.30	0.037	197.5	0.2645	740.75	-0.073	193.7	-0.7545
296.33	0.044	198.4	0.2991	740.83	-0.072	193.3	-0.758
296.37	0.046	199.1	0.3204	740.92	-0.068	193.4	-0.7518
296.40	0.049	199.9	0.3435	741.00	-0.06	194.4	-0.7332
296.43	0.054	200.6	0.3435	741.08	-0.045	197	-0.695
296.47	0.056	200.6	0.3666	741.17	-0.034	199.4	-0.64
296.50	0.056	201.2	0.3817	741.25	-0.023	201.9	-0.4997
296.53	0.058	201.8	0.3968	741.33	-0.011	204.6	-0.3994
296.57	0.061	202.4	0.4101	741.42	0.011	209.6	-0.2175
296.60	0.062	202.9	0.4199	741.50	0.025	213.3	0.1145
296.63	0.062	203.3	0.4252	741.58	0.038	216.2	0.332
296.67	0.064	203.8	0.4252	741.67	0.053	219.3	0.5539
296.70	0.064	203.8	0.4314	741.75	0.063	221.8	0.7146
296.73	0.063	204.1	0.4341	741.83	0.072	223.6	0.837
296.77	0.063	204.4	0.4358	741.92	0.081	225.3	0.9302
296.80	0.062	204.6	0.4358	742.00	0.086	227	0.9826
296.83	0.061	204.8	0.4349	742.08	0.086	227.7	1.0217
296.87	0.059	204.8	0.4349	742.17	0.084	228.1	1.0252
296.90	0.056	204.8	0.4323	742.25	0.08	228.2	1.0199
296.93	0.056	204.8	0.4278	742.33	0.074	227.8	1.0021
296.98	0.052	204.7	0.4225	742.42	0.064	227.3	0.9737
297.02	0.048	204.6	0.419	742.50	0.046	226.1	0.9125
297.03	0.048	204.6	0.4119	742.58	0.031	223.8	0.8379
297.08	0.046	204.4	0.4021	742.67	0.02	221.8	0.6409
297.12	0.04	203.9	0.3888	742.77	0.003	219.5	0.466
297.13	0.035	203.6	0.3755	742.83	-0.015	217	0.2929
297.17	0.033	203.2	0.3595	742.92	-0.03	211.6	0.0666
297.20	0.026	202.5	0.3595	743.00	-0.04	208.1	-0.2574
297.23	0.021	202.1	0.3364	743.08	-0.053	204	-0.4403
297.27	0.021	202.1	0.3169	743.17	-0.062	200.5	-0.5672
297.30	0.018	201.5	0.292	743.25	-0.067	197.8	-0.6569
297.33	0.01	200.6	0.2583	743.33	-0.072	195.4	-0.7199
297.37	0.005	199.9	0.2281	743.42	-0.073	194	-0.7465
297.40	0.002	199.1	0.1971	743.50	-0.071	193.3	-0.7563
297.43	-0.006	198	0.1971	743.58	-0.067	193.6	-0.7474
297.47	-0.01	198	0.1589	743.67	-0.058	194.6	-0.727
297.50	-0.01	197.2	0.1287	743.75	-0.048	196.5	-0.6835
297.53	-0.013	196.3	0.0976	743.83	-0.039	198.4	-0.6231
297.57	-0.021	195.1	0.0586	743.92	-0.025	201.3	-0.5281
297.60	-0.025	194.3	0.0302	744.00	-0.004	206.1	-0.3959
297.63	-0.027	193.3	0.0009	744.08	0.01	209.5	-0.229
297.67	-0.034	192.3	0.0009	744.18	0.023	212.8	0.0879
297.70	-0.036	192.3	-0.0302	744.25	0.035	215.6	0.2627
297.73	-0.036	191.5	-0.0533	744.33	0.056	219.9	0.4926
297.77	-0.038	190.6	-0.0772	744.42	0.066	222.3	0.6666
297.80	-0.044	189.6	-0.1003	744.50	0.074	224.1	0.8592
297.83	-0.046	188.9	-0.1154	744.58	0.082	225.7	0.9444
297.87	-0.047	188.2	-0.1287	744.67	0.085	226.8	0.9933

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
297.90	-0.05	187.5	-0.1287	744.75	0.086	227.6	1.019
297.93	-0.05	187.5	-0.1411	744.83	0.084	228.1	1.027
297.97	-0.05	187	-0.1491	744.92	0.078	228.2	1.0234
298.00	-0.051	186.4	-0.1562	745.00	0.072	227.7	0.9968
298.03	-0.052	186	-0.1607	745.08	0.061	227.2	0.9649
298.07	-0.052	185.7	-0.1633	745.17	0.047	225.9	0.9001
298.10	-0.051	185.5	-0.1642	745.25	0.038	224.4	0.8157
298.13	-0.05	185.3	-0.1642	745.33	0.022	222.6	0.6861
298.17	-0.048	185.3	-0.1642	745.42	0	220.1	0.5104
298.20	-0.048	185.2	-0.1624	745.50	-0.015	215.6	0.3045
298.23	-0.047	185.2	-0.1589	745.58	-0.026	212.1	-0.0337
298.27	-0.043	185.4	-0.1536	745.68	-0.038	208.9	-0.2228
298.30	-0.041	185.4	-0.1482	745.75	-0.055	204.9	-0.4003
298.33	-0.039	185.8	-0.1402	745.83	-0.063	199.8	-0.529
298.37	-0.032	186.2	-0.1402	745.92	-0.068	197.1	-0.6728
298.40	-0.03	186.2	-0.1296	746.00	-0.072	194.9	-0.7288
298.45	-0.029	186.8	-0.111	746.08	-0.073	193.7	-0.7536
298.48	-0.022	187.5	-0.111	746.17	-0.072	193.3	-0.758
298.52	-0.019	187.5	-0.0932	746.25	-0.068	193.3	-0.7527
298.55	-0.019	187.9	-0.0772	746.33	-0.057	194.4	-0.7332
298.57	-0.015	188.8	-0.0541	746.42	-0.045	197	-0.6995
298.60	-0.006	189.6	-0.0257	746.50	-0.037	199	-0.6063
298.63	-0.004	190.2	-0.0027	746.58	-0.022	201.9	-0.5042
298.67	0.001	191.2	0.0293	746.67	-0.008	205.2	-0.3604
298.70	0.009	192	0.0293	746.75	0.004	208.4	-0.1873
298.73	0.009	192	0.0648	746.83	0.02	211.9	0.0231
298.77	0.012	192.7	0.0941	746.92	0.042	215.3	0.2583
298.80	0.019	193.8	0.1323	747.00	0.055	219.7	0.4678
298.83	0.024	194.7	0.1633	747.10	0.064	221.8	0.7137
298.87	0.027	195.6	0.1944	747.17	0.072	223.7	0.8211
298.90	0.034	196.6	0.1944	747.25	0.083	226	0.9196
298.93	0.038	196.6	0.2308	747.33	0.086	227.1	0.9791
298.97	0.038	197.4	0.2619	747.42	0.087	227.8	1.0217
299.00	0.041	198.1	0.2876	747.50	0.084	228.2	1.0252
299.03	0.047	199.1	0.3196	747.58	0.081	228.3	1.0208
299.07	0.05	199.8	0.3409	747.67	0.074	228.1	1.003
299.10	0.052	200.5	0.3613	747.75	0.062	227.3	0.972
299.13	0.056	201.3	0.3613	747.83	0.044	225.6	0.916
299.17	0.058	201.3	0.3808	747.92	0.033	223.8	0.7785
299.20	0.058	201.8	0.395	748.00	0.019	222.1	0.6471
299.23	0.059	202.4	0.4074	748.08	0.004	219.5	0.466
299.27	0.062	203	0.419	748.17	-0.009	216.6	0.2583
299.30	0.063	203.4	0.4278	748.25	-0.024	213.3	0.0284
299.33	0.063	203.8	0.4332	748.33	-0.043	209.3	-0.2033
299.37	0.063	204.2	0.4332	748.42	-0.055	203.4	-0.3781
299.40	0.063	204.2	0.4358	748.50	-0.061	200.3	-0.5787
299.43	0.063	204.5	0.4376	748.60	-0.067	197.5	-0.6622
299.47	0.063	204.7	0.4376	748.67	-0.073	195.3	-0.7172
299.50	0.062	204.8	0.4376	748.75	-0.073	193.6	-0.7465
299.53	0.06	204.9	0.4349	748.83	-0.071	193.2	-0.758
299.57	0.058	205	0.4305	748.92	-0.067	193.5	-0.7501
299.60	0.054	204.9	0.4305	749.00	-0.058	194.6	-0.7279
299.63	0.051	204.9	0.4252	749.08	-0.051	196.1	-0.6897
299.67	0.051	204.8	0.419	749.17	-0.038	198.5	-0.6267
299.70	0.049	204.6	0.411	749.25	-0.019	202.6	-0.5335
299.73	0.043	204.3	0.4003	749.33	-0.006	205.9	-0.4154
299.77	0.04	204.1	0.3897	749.42	0.007	209	-0.1482
299.80	0.037	203.5	0.3737	749.50	0.024	212.7	0.0817
299.83	0.029	203	0.3737	749.58	0.037	216	0.308
299.88	0.028	202.7	0.3426	749.67	0.05	218.7	0.5131
299.92	0.024	202.1	0.3231	749.75	0.063	221.4	0.6915
299.95	0.016	201.5	0.3231	749.83	0.077	224.4	0.8291
299.98	0.013	201.5	0.2947	749.92	0.082	225.8	0.9143

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
300.02	0.013	200.9	0.2716	750.02	0.085	226.9	0.9968
300.03	0.009	200	0.2379	750.08	0.086	227.7	1.0199
300.07	0	199.2	0.1997	750.17	0.084	228.3	1.0279
300.10	-0.003	198.5	0.1713	750.25	0.08	228.3	1.0199
300.13	-0.009	197.3	0.134	750.33	0.072	228	1.0013
300.17	-0.015	196.4	0.134	750.42	0.06	227.2	0.9658
300.20	-0.015	196.4	0.0994	750.50	0.051	226	0.9072
300.23	-0.018	195.7	0.071	750.58	0.037	224.8	0.8237
300.27	-0.023	194.4	0.0337	750.67	0.016	222.7	0.6888
300.30	-0.029	193.5	0.0018	750.75	0.001	219	0.5326
300.33	-0.031	192.7	-0.0231	750.83	-0.011	215.9	0.2104
300.37	-0.035	191.6	-0.0231	750.92	-0.027	212.5	-0.024
300.40	-0.04	190.7	-0.0497	751.00	-0.04	208.5	-0.2432
300.43	-0.04	190.7	-0.0754	751.08	-0.049	204.8	-0.4101
300.47	-0.041	190	-0.0923	751.17	-0.06	201.1	-0.5512
300.50	-0.045	189	-0.1127	751.25	-0.069	197.9	-0.6524
300.53	-0.047	188.3	-0.1269	751.33	-0.073	194.7	-0.7128
300.57	-0.048	187.7	-0.1385	751.42	-0.073	193.8	-0.7545
300.60	-0.051	187.1	-0.1385	751.52	-0.072	193.3	-0.7598
300.63	-0.051	187.1	-0.1482	751.58	-0.066	193.3	-0.7554
300.67	-0.051	186.6	-0.1544	751.67	-0.056	195	-0.7376
300.70	-0.051	186.2	-0.1598	751.75	-0.049	196.6	-0.6808
300.73	-0.051	185.8	-0.1624	751.83	-0.036	198.9	-0.6125
300.77	-0.051	185.6	-0.1633	751.92	-0.022	201.8	-0.5104
300.80	-0.05	185.4	-0.1633	752.00	-0.012	204.8	-0.3808
300.83	-0.049	185.3	-0.1633	752.08	0.005	208.3	-0.1997
300.87	-0.047	185.3	-0.1616	752.17	0.027	211.7	0.0107
300.90	-0.047	185.3	-0.1589	752.25	0.041	216.7	0.229
300.93	-0.045	185.3	-0.1544	752.33	0.052	219.4	0.5539
300.97	-0.04	185.6	-0.1473	752.42	0.065	221.8	0.7234
301.00	-0.038	185.8	-0.1411	752.50	0.074	223.9	0.8504
301.03	-0.036	186.1	-0.1323	752.58	0.079	225.4	0.9294
301.07	-0.029	186.6	-0.1323	752.67	0.085	226.6	0.9871
301.10	-0.027	186.6	-0.1189	752.75	0.086	227.8	1.0172
301.13	-0.027	187.1	-0.1056	752.83	0.084	228.2	1.0261
301.17	-0.023	187.7	-0.0879	752.93	0.08	228.3	1.0217
301.20	-0.015	188.4	-0.0657	753.00	0.073	228.1	1.0075
301.23	-0.012	189	-0.0479	753.08	0.057	227	0.9746
301.27	-0.009	189.7	-0.0204	753.17	0.047	225.7	0.9249
301.30	0	190.7	-0.0204	753.25	0.035	224.4	0.7953
301.35	0.002	191.2	0.0302	753.33	0.018	222.1	0.6471
301.38	0.005	192	0.0568	753.42	0.006	219.5	0.4696
301.42	0.013	192.9	0.0568	753.50	-0.009	216.9	0.2663
301.45	0.017	192.9	0.0923	753.58	-0.03	213.4	0.0391
301.47	0.017	193.7	0.1216	753.67	-0.043	207.6	-0.174
301.50	0.02	194.7	0.1544	753.75	-0.052	203.9	-0.4491
301.53	0.029	195.7	0.1935	753.83	-0.062	200.5	-0.5761
301.57	0.032	196.5	0.2228	753.92	-0.068	197.4	-0.6675
301.60	0.036	197.4	0.2548	754.00	-0.071	195.4	-0.7217
301.63	0.042	198.3	0.2548	754.08	-0.073	194	-0.7509
301.67	0.042	198.3	0.2867	754.17	-0.071	193.4	-0.758
301.70	0.044	199	0.3124	754.25	-0.065	193.8	-0.7545
301.73	0.049	199.9	0.3409	754.35	-0.059	194.8	-0.7252
301.77	0.053	200.6	0.3648	754.42	-0.051	196	-0.6986
301.80	0.055	201.2	0.3799	754.50	-0.033	198.5	-0.6284
301.83	0.058	201.9	0.3799	754.58	-0.02	202.5	-0.5468
301.87	0.06	202.5	0.3959	754.67	-0.008	205.5	-0.3453
301.90	0.06	202.5	0.4083	754.75	0.008	209	-0.1562
301.93	0.061	203	0.4181	754.83	0.022	212.5	0.0612
301.97	0.062	203.5	0.427	754.92	0.035	215.6	0.2769
302.00	0.064	203.9	0.4332	755.00	0.051	218.7	0.5086
302.03	0.063	204.3	0.4367	755.08	0.067	222.4	0.6808
302.07	0.063	204.5	0.4367	755.17	0.076	224.3	0.814

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
302.10	0.063	204.5	0.4385	755.25	0.081	225.7	0.9471
302.13	0.063	204.8	0.4385	755.33	0.086	226.9	0.9977
302.17	0.062	204.9	0.4376	755.42	0.087	227.7	1.0226
302.20	0.06	205	0.4358	755.50	0.085	228.2	1.0288
302.23	0.058	205	0.4323	755.58	0.081	228.3	1.0243
302.27	0.056	205	0.427	755.67	0.069	227.8	1.0075
302.30	0.051	204.9	0.427	755.75	0.06	226.9	0.956
302.33	0.048	204.9	0.4207	755.85	0.051	226.2	0.9107
302.37	0.048	204.7	0.4136	755.92	0.036	224.6	0.822
302.40	0.046	204.5	0.403	756.00	0.015	221.6	0.6924
302.43	0.039	204.1	0.3906	756.08	0.002	218.9	0.4252
302.47	0.036	203.8	0.3772	756.17	-0.012	216.2	0.2201
302.50	0.033	203.3	0.3595	756.25	-0.027	212.6	-0.0133
302.53	0.024	202.7	0.3595	756.33	-0.037	209	-0.2148
302.57	0.022	202.7	0.3364	756.42	-0.051	204.9	-0.4101
302.60	0.022	202.2	0.3187	756.50	-0.063	201.3	-0.545
302.63	0.018	201.5	0.2911	756.58	-0.069	196.9	-0.6409
302.67	0.009	200.7	0.2592	756.67	-0.072	195	-0.7296
302.70	0.006	200	0.2317	756.75	-0.073	193.8	-0.7545
302.73	0.002	199.1	0.1988	756.83	-0.072	193.3	-0.7598
302.77	-0.007	198.2	0.1988	756.92	-0.068	193.5	-0.7527
302.82	-0.008	197.6	0.1402	757.00	-0.061	194.4	-0.735
302.85	-0.011	196.7	0.1101	757.08	-0.046	196.3	-0.695
302.87	-0.019	195.7	0.1101	757.17	-0.033	199.6	-0.6391
302.92	-0.022	195.7	0.0728	757.27	-0.023	202.2	-0.4989
302.93	-0.022	194.8	0.0453	757.33	-0.011	204.7	-0.3941
302.97	-0.025	193.7	0.0124	757.42	0.011	208.2	-0.2113
303.00	-0.032	192.7	-0.0204	757.50	0.026	213.3	-0.0142
303.03	-0.035	191.9	-0.0426	757.58	0.038	216.4	0.3275
303.07	-0.037	190.9	-0.0666	757.67	0.053	219.3	0.5477
303.10	-0.043	190	-0.0666	757.75	0.064	221.8	0.7163
303.13	-0.044	190	-0.0914	757.83	0.072	223.8	0.8406
303.17	-0.044	189.3	-0.1074	757.92	0.08	225.4	0.9294
303.20	-0.046	188.5	-0.1234	758.00	0.086	226.7	0.9879
303.23	-0.049	187.8	-0.1367	758.08	0.086	227.8	1.0163
303.27	-0.05	187.3	-0.1456	758.17	0.084	228.2	1.027
303.30	-0.051	186.7	-0.1527	758.25	0.08	228.3	1.0217
303.33	-0.052	186.2	-0.1527	758.33	0.071	227.9	1.0013
303.37	-0.052	186.2	-0.1589	758.42	0.064	227.4	0.9711
303.40	-0.051	185.9	-0.1607	758.50	0.051	226.3	0.916
303.43	-0.051	185.7	-0.1624	758.58	0.03	223.9	0.8255
303.47	-0.05	185.5	-0.1624	758.67	0.017	221.8	0.7119
303.50	-0.049	185.3	-0.1607	758.77	0.006	219.9	0.4847
303.53	-0.047	185.4	-0.1607	758.83	-0.009	217	0.2787
303.57	-0.044	185.5	-0.158	758.92	-0.031	211.5	0.0435
303.60	-0.044	185.5	-0.1544	759.00	-0.041	207.7	-0.2832
303.63	-0.043	185.5	-0.1482	759.08	-0.052	204.1	-0.4456
303.67	-0.039	185.9	-0.1411	759.17	-0.062	200.5	-0.5716
303.70	-0.035	186.2	-0.1323	759.25	-0.067	197.7	-0.6586
303.73	-0.033	186.5	-0.1207	759.33	-0.072	195.4	-0.7225
303.77	-0.026	187.2	-0.1207	759.42	-0.073	194	-0.7509
303.80	-0.022	187.2	-0.1056	759.50	-0.071	193.3	-0.7598
303.83	-0.022	187.7	-0.0897	759.58	-0.067	193.7	-0.7501
303.87	-0.019	188.2	-0.0719	759.67	-0.059	194.6	-0.7296
303.90	-0.011	189.1	-0.047	759.75	-0.047	196.6	-0.6853
303.93	-0.008	189.7	-0.0249	759.83	-0.039	198.6	-0.6249
303.97	-0.004	190.5	0.0036	759.92	-0.025	201.4	-0.5326
304.00	0.004	191.5	0.0036	760.00	-0.004	204.5	-0.3994
304.03	0.008	191.5	0.0391	760.08	0.01	209.6	-0.2326
304.07	0.008	192.2	0.0666	760.18	0.023	212.9	0.0897
304.10	0.011	193.1	0.0985	760.25	0.035	215.7	0.2565
304.13	0.02	194.1	0.1376	760.33	0.056	218.7	0.4909
304.17	0.023	194.9	0.1651	760.42	0.066	222.4	0.664

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
304.20	0.027	195.9	0.1988	760.50	0.074	224.2	0.8583
304.25	0.032	196.6	0.2246	760.58	0.081	225.7	0.9409
304.28	0.035	197.4	0.2485	760.67	0.085	226.9	0.9942
304.32	0.039	198.3	0.2787	760.75	0.086	227.7	1.019
304.35	0.046	199.1	0.2787	760.83	0.085	228.2	1.0261
304.38	0.046	199.1	0.3124	760.92	0.078	228.3	1.0226
304.40	0.047	199.8	0.3338	761.00	0.069	227.8	1.0075
304.43	0.051	200.6	0.3577	761.08	0.062	227.3	0.9604
304.47	0.056	201.3	0.379	761.17	0.047	226	0.8983
304.50	0.057	201.9	0.3932	761.25	0.036	224.4	0.8024
304.53	0.059	202.5	0.3932	761.33	0.023	222.7	0.6773
304.57	0.062	203	0.4074	761.42	0.006	220.1	0.4971
304.60	0.062	203	0.419	761.50	-0.016	215.4	0.2814
304.63	0.062	203.5	0.427	761.58	-0.029	211.7	-0.0657
304.67	0.063	203.9	0.4332	761.68	-0.038	209.1	-0.2148
304.70	0.064	204.3	0.4376	761.75	-0.051	204.9	-0.4092
304.73	0.063	204.6	0.4394	761.83	-0.064	199.6	-0.5459
304.77	0.063	204.8	0.4394	761.92	-0.068	196.9	-0.6835
304.80	0.062	205	0.4403	762.00	-0.072	195	-0.7323
304.83	0.062	205	0.4394	762.08	-0.073	193.8	-0.7545
304.87	0.061	205.1	0.4367	762.17	-0.072	193.3	-0.7607
304.90	0.058	205.1	0.4332	762.25	-0.068	193.4	-0.7554
304.93	0.055	205.1	0.4296	762.33	-0.057	194.4	-0.7367
304.97	0.053	205.1	0.4225	762.42	-0.045	197.1	-0.703
305.00	0.049	204.8	0.4225	762.50	-0.037	199.2	-0.608
305.03	0.045	204.6	0.4154	762.58	-0.022	201.9	-0.5086
305.07	0.045	204.6	0.4057	762.67	-0.008	205.2	-0.3675
305.10	0.042	204.4	0.3941	762.75	0.004	208.6	-0.1891
305.13	0.036	203.8	0.3781	762.83	0.021	211.9	0.0231
305.17	0.031	203.4	0.363	762.92	0.042	215.3	0.2503
305.20	0.029	203	0.3453	763.00	0.055	219.7	0.466
305.23	0.021	202.3	0.3453	763.10	0.064	221.9	0.7154
305.27	0.017	202.3	0.3204	763.17	0.071	223.7	0.8149
305.30	0.017	201.8	0.2974	763.25	0.083	225.5	0.9205
305.33	0.014	201	0.2681	763.33	0.086	227.1	0.9826
305.37	0.005	200.1	0.2317	763.42	0.086	227.9	1.0226
305.40	0.001	199.4	0.2042	763.50	0.084	228.3	1.027
305.43	-0.002	198.6	0.1713	763.58	0.08	228.4	1.0208
305.47	-0.01	197.5	0.1713	763.67	0.074	228.2	1.0039
305.50	-0.014	197.5	0.1314	763.75	0.063	227.5	0.9746
305.53	-0.014	196.7	0.1012	763.83	0.045	225.7	0.9143
305.57	-0.017	195.7	0.0692	763.92	0.032	224	0.8379
305.60	-0.025	194.5	0.0311	764.00	0.02	222.2	0.6427
305.63	-0.028	193.7	0.0053	764.08	0.003	219.5	0.4518
305.67	-0.031	192.7	-0.0222	764.17	-0.01	216.4	0.2361
305.72	-0.035	191.9	-0.0444	764.25	-0.024	213.2	0.0115
305.75	-0.037	191.2	-0.063	764.33	-0.039	209	-0.2246
305.77	-0.04	190.3	-0.0843	764.42	-0.055	203.2	-0.403
305.82	-0.045	189.3	-0.0843	764.52	-0.062	200	-0.5903
305.83	-0.046	189.3	-0.1065	764.58	-0.067	197.7	-0.6613
305.87	-0.046	188.7	-0.1216	764.67	-0.073	195.2	-0.7252
305.90	-0.048	188	-0.1349	764.75	-0.073	193.6	-0.7518
305.93	-0.051	187.3	-0.1465	764.83	-0.071	193.2	-0.7616
305.97	-0.051	186.8	-0.1527	764.92	-0.067	193.5	-0.7536
306.00	-0.051	186.4	-0.158	765.00	-0.058	194.7	-0.7314
306.03	-0.051	186	-0.158	765.08	-0.051	196.4	-0.6924
306.07	-0.051	186	-0.1616	765.17	-0.038	198.4	-0.6302
306.10	-0.051	185.8	-0.1633	765.25	-0.02	201.3	-0.5352
306.13	-0.051	185.5	-0.1633	765.33	-0.005	206	-0.4154
306.17	-0.049	185.4	-0.1633	765.42	0.007	209.4	-0.1473
306.20	-0.048	185.3	-0.1607	765.50	0.024	212.8	0.0763
306.23	-0.046	185.5	-0.1562	765.58	0.038	216	0.308
306.27	-0.042	185.6	-0.1562	765.67	0.049	218.9	0.5086

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
306.30	-0.04	185.6	-0.1509	765.75	0.062	221.4	0.6879
306.33	-0.04	185.7	-0.1438	765.83	0.076	223.6	0.8308
306.37	-0.037	186.2	-0.1358	765.92	0.082	225.9	0.9169
306.40	-0.031	186.6	-0.1234	766.02	0.084	226.9	0.9959
306.43	-0.029	186.9	-0.1101	766.08	0.086	227.7	1.0199
306.47	-0.023	187.7	-0.1101	766.17	0.084	228.2	1.027
306.50	-0.017	188.3	-0.0923	766.25	0.078	228.3	1.0234
306.53	-0.017	188.3	-0.0746	766.33	0.072	228.1	0.9986
306.57	-0.015	188.8	-0.0541	766.42	0.06	227.3	0.9658
306.60	-0.008	189.7	-0.0266	766.50	0.049	226.1	0.901
306.63	-0.003	190.5	-0.0009	766.58	0.038	224.9	0.8184
306.67	0.001	191.2	0.0293	766.67	0.021	222.7	0.6799
306.70	0.008	192.2	0.0293	766.75	0	218.9	0.5104
306.73	0.013	192.2	0.0657	766.83	-0.013	215.7	0.3098
306.77	0.013	193	0.0932	766.92	-0.027	212.4	-0.0426
306.80	0.016	193.8	0.1252	767.00	-0.041	208.3	-0.2601
306.83	0.024	194.9	0.1624	767.08	-0.051	204.4	-0.4332
306.87	0.028	195.8	0.1935	767.17	-0.06	201.1	-0.5592
306.90	0.031	196.6	0.2255	767.25	-0.068	197.9	-0.6595
306.93	0.038	197.6	0.2255	767.33	-0.073	194.7	-0.7199
306.97	0.042	197.6	0.2627	767.42	-0.073	193.7	-0.7589
307.00	0.042	198.4	0.2894	767.50	-0.072	193.2	-0.7651
307.03	0.044	199.1	0.3142	767.58	-0.066	193.3	-0.7598
307.07	0.05	200	0.34	767.67	-0.056	195	-0.7421
307.10	0.052	200.6	0.3604	767.75	-0.048	196.8	-0.6835
307.15	0.054	201.3	0.3737	767.83	-0.036	198.9	-0.6169
307.18	0.057	201.8	0.3861	767.92	-0.022	201.9	-0.5131
307.22	0.059	202.4	0.4003	768.00	-0.011	205	-0.3826
307.25	0.06	202.9	0.4128	768.08	0.005	208.3	-0.2042
307.28	0.063	203.5	0.4128	768.17	0.027	211.7	0.0071
307.30	0.063	203.5	0.4234	768.25	0.041	216.7	0.2281
307.33	0.063	203.9	0.4305	768.33	0.052	219.5	0.5521
307.37	0.063	204.3	0.4349	768.42	0.064	221.9	0.7225
307.40	0.063	204.6	0.4376	768.50	0.075	224	0.8557
307.43	0.063	204.8	0.4385	768.58	0.079	225.6	0.9285
307.47	0.062	205	0.4385	768.67	0.084	226.7	0.9853
307.50	0.061	205.2	0.4385	768.75	0.086	227.6	1.0172
307.53	0.059	205.2	0.4376	768.83	0.084	228.3	1.0279
307.57	0.059	205.3	0.4341	768.93	0.081	228.5	1.0234
307.60	0.057	205.1	0.4296	769.00	0.073	228.2	1.0084
307.63	0.052	205.1	0.4243	769.08	0.058	227.5	0.9764
307.67	0.05	205	0.4163	769.17	0.046	225.8	0.9267
307.70	0.046	204.6	0.4163	769.25	0.035	224.4	0.7944
307.73	0.041	204.4	0.4057	769.33	0.018	222.3	0.6506
307.77	0.041	204.4	0.3959	769.42	0.005	219.7	0.4722
307.80	0.039	204.2	0.3817	769.50	-0.009	217	0.2636
307.83	0.032	203.5	0.3648	769.58	-0.025	213.3	0.0186
307.87	0.027	203	0.3471	769.67	-0.044	207.5	-0.2042
307.90	0.025	202.6	0.3258	769.75	-0.053	203.6	-0.3808
307.93	0.017	201.8	0.3258	769.83	-0.061	200.5	-0.5805
307.97	0.012	201.8	0.2956	769.92	-0.069	197.3	-0.6755
308.00	0.012	201.2	0.2716	770.00	-0.072	195.2	-0.7279
308.03	0.009	200.4	0.2406	770.08	-0.073	194	-0.7536
308.07	0	199.4	0.2024	770.17	-0.072	193.5	-0.7607
308.10	-0.003	198.7	0.1749	770.25	-0.065	193.8	-0.7563
308.13	-0.006	197.8	0.142	770.35	-0.058	195.1	-0.7243
308.17	-0.015	196.7	0.142	770.42	-0.051	196.1	-0.6941
308.20	-0.018	196.7	0.1021	770.50	-0.037	198.6	-0.6302
308.23	-0.018	195.9	0.0719	770.58	-0.018	202.8	-0.5379
308.27	-0.021	194.8	0.0399	770.67	-0.007	206	-0.332
308.30	-0.029	193.7	0.0027	770.75	0.008	209.1	-0.1509
308.33	-0.031	192.9	-0.0213	770.83	0.024	212.8	0.0808
308.37	-0.034	191.9	-0.0462	770.92	0.035	216	0.2832

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
308.40	-0.04	190.9	-0.0462	771.00	0.05	218.8	0.4997
308.43	-0.041	190.9	-0.0737	771.08	0.067	221.5	0.6844
308.47	-0.041	190.2	-0.0905	771.17	0.076	224.5	0.8157
308.50	-0.044	189.3	-0.1101	771.25	0.081	225.9	0.9462
308.53	-0.048	188.5	-0.1278	771.33	0.085	227	0.9968
308.57	-0.049	187.9	-0.1394	771.42	0.086	227.8	1.0217
308.62	-0.05	187.4	-0.1482	771.50	0.085	228.2	1.027
308.65	-0.051	186.8	-0.1536	771.58	0.081	228.4	1.0226
308.68	-0.051	186.4	-0.1589	771.67	0.07	228.1	1.0066
308.70	-0.052	186	-0.1589	771.75	0.057	227	0.9791
308.73	-0.051	185.8	-0.1624	771.85	0.052	226.2	0.9081
308.77	-0.051	185.8	-0.1642	771.92	0.037	224.9	0.8246
308.80	-0.051	185.6	-0.1642	772.00	0.016	222.8	0.6906
308.83	-0.05	185.5	-0.1633	772.08	0.001	219.1	0.5352
308.87	-0.047	185.4	-0.1616	772.17	-0.011	216.2	0.2113
308.90	-0.046	185.4	-0.1571	772.25	-0.028	212.5	-0.0311
308.93	-0.043	185.7	-0.1571	772.33	-0.04	208.6	-0.2459
308.97	-0.039	185.8	-0.1518	772.42	-0.05	205	-0.4145
309.00	-0.039	185.8	-0.1447	772.50	-0.061	201.1	-0.5574
309.03	-0.037	186	-0.1367	772.58	-0.07	198.1	-0.6533
309.07	-0.032	186.6	-0.1252	772.67	-0.072	194.9	-0.7146
309.10	-0.028	187	-0.1127	772.75	-0.073	193.9	-0.7563
309.13	-0.025	187.5	-0.0968	772.83	-0.071	193.4	-0.7616
309.17	-0.018	188.3	-0.0968	772.92	-0.067	193.7	-0.7545
309.20	-0.014	188.3	-0.0763	773.00	-0.061	194.4	-0.735
309.23	-0.014	188.8	-0.0568	773.08	-0.05	196.2	-0.6986
309.27	-0.011	189.5	-0.0346	773.17	-0.032	199.8	-0.6329
309.30	-0.003	190.4	-0.0027	773.27	-0.022	202.2	-0.5095
309.33	0.001	191.2	0.0231	773.33	-0.012	204.7	-0.3941
309.37	0.005	191.9	0.0559	773.42	0.005	208.4	-0.2042
309.40	0.013	193	0.0559	773.50	0.027	213.6	0.0062
309.43	0.017	193	0.0941	773.58	0.04	217	0.3595
309.47	0.017	193.8	0.1234	773.67	0.053	219.4	0.5486
309.50	0.02	194.7	0.1536	773.75	0.064	222	0.7146
309.53	0.028	195.8	0.1935	773.83	0.072	224	0.8379
309.57	0.032	196.6	0.2228	773.92	0.079	225.5	0.9276
309.60	0.035	197.5	0.2548	774.00	0.086	226.8	0.9888
309.63	0.043	198.4	0.2548	774.08	0.086	228	1.0181
309.67	0.045	198.4	0.2911	774.17	0.084	228.4	1.0288
309.70	0.045	199.1	0.3124	774.25	0.08	228.5	1.0217
309.73	0.047	200	0.3355	774.33	0.07	228	1.0021
309.77	0.053	200.7	0.3595	774.42	0.064	227.4	0.9711
309.80	0.055	201.3	0.3772	774.50	0.051	226.4	0.9169
309.83	0.057	202	0.3932	774.58	0.031	224.9	0.8246
309.87	0.061	202.6	0.3932	774.68	0.017	221.9	0.6249
309.90	0.061	202.6	0.4092	774.75	0.007	220.1	0.4962
309.93	0.061	203.1	0.4181	774.83	-0.01	217	0.269
309.97	0.062	203.6	0.4278	774.92	-0.031	213.5	0.0346
310.00	0.064	204	0.4341	775.00	-0.042	207.8	-0.1766
310.05	0.063	204.4	0.4367	775.08	-0.052	204.2	-0.4518
310.08	0.063	204.6	0.4394	775.17	-0.062	200.4	-0.5841
310.10	0.063	204.9	0.4403	775.25	-0.068	197.5	-0.6693
310.15	0.062	205.1	0.4403	775.33	-0.072	195.5	-0.7252
310.18	0.061	205.2	0.4403	775.42	-0.073	194.1	-0.7536
310.20	0.058	205.3	0.4394	775.50	-0.071	193.4	-0.7625
310.23	0.058	205.3	0.4358	775.58	-0.066	193.9	-0.758
310.27	0.057	205.3	0.4314	775.67	-0.059	194.7	-0.7288
310.30	0.053	205.1	0.4252	775.75	-0.047	196.8	-0.6861
310.33	0.05	205	0.419	775.83	-0.037	199.1	-0.6187
310.37	0.048	204.9	0.4101	775.92	-0.025	201.5	-0.5264
310.40	0.041	204.5	0.4101	776.00	-0.01	204.9	-0.3879
310.43	0.038	204.2	0.3977	776.08	0.011	209.9	-0.2139
310.47	0.038	204.2	0.3861	776.18	0.02	212.9	0.0479

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
310.50	0.035	203.8	0.3693	776.25	0.035	215.8	0.2583
310.53	0.027	203.1	0.348	776.33	0.055	218.9	0.498
310.57	0.023	202.7	0.3293	776.42	0.067	222.5	0.6684
310.60	0.021	202.1	0.3071	776.50	0.074	224.5	0.861
310.63	0.012	201.3	0.3071	776.58	0.081	225.9	0.9427
310.67	0.008	201.3	0.2743	776.67	0.086	227.1	0.995
310.70	0.008	200.6	0.2468	776.75	0.086	227.9	1.0208
310.73	0.004	199.9	0.2148	776.83	0.085	228.3	1.0279
310.77	-0.003	198.8	0.1766	776.92	0.079	228.5	1.0243
310.80	-0.008	198	0.1447	777.00	0.068	228	1.0092
310.83	-0.011	197.1	0.1127	777.08	0.062	227.3	0.9604
310.87	-0.019	196	0.1127	777.17	0.048	226.2	0.901
310.90	-0.023	196	0.0746	777.25	0.035	224.5	0.8033
310.93	-0.023	195	0.0444	777.33	0.023	222.8	0.6764
310.97	-0.025	194.1	0.0142	777.42	0.006	220.2	0.4989
311.00	-0.032	193	-0.0195	777.50	-0.016	215.6	0.2823
311.03	-0.035	192.2	-0.0435	777.58	-0.029	211.8	0.0586
311.07	-0.037	191.2	-0.0657	777.67	-0.037	209.1	-0.2201
311.10	-0.042	190.3	-0.0657	777.75	-0.051	204.9	-0.4101
311.13	-0.044	190.3	-0.0897	777.83	-0.064	199.7	-0.5486
311.17	-0.044	189.5	-0.1065	777.92	-0.069	196.9	-0.6471
311.20	-0.046	188.7	-0.1234	778.00	-0.072	195	-0.7341
311.23	-0.049	188	-0.1385	778.08	-0.073	193.9	-0.758
311.27	-0.05	187.5	-0.1473	778.17	-0.072	193.4	-0.7634
311.30	-0.051	187	-0.1544	778.25	-0.068	193.5	-0.7563
311.33	-0.052	186.5	-0.1544	778.33	-0.06	194.6	-0.7376
311.37	-0.052	186.5	-0.1598	778.42	-0.045	197.2	-0.7003
311.40	-0.051	186.1	-0.1633	778.50	-0.035	199.7	-0.6009
311.43	-0.051	185.9	-0.1642	778.58	-0.023	202.1	-0.5033
311.47	-0.05	185.7	-0.1642	778.67	-0.007	205.6	-0.3524
311.52	-0.049	185.5	-0.1633	778.75	0.004	208.9	-0.1882
311.55	-0.048	185.4	-0.1624	778.83	0.02	212.1	0.0204
311.57	-0.046	185.4	-0.1589	778.92	0.042	215.5	0.2574
311.62	-0.044	185.5	-0.1536	779.00	0.055	219.9	0.4687
311.63	-0.04	185.9	-0.1536	779.10	0.062	222.1	0.7048
311.67	-0.036	186.1	-0.1456	779.17	0.073	223.9	0.8273
311.70	-0.036	186.1	-0.1394	779.25	0.082	225.6	0.9231
311.73	-0.034	186.4	-0.1278	779.33	0.086	227.3	0.9817
311.77	-0.028	187.1	-0.1136	779.42	0.086	228	1.0226
311.80	-0.024	187.5	-0.0994	779.50	0.084	228.4	1.0279
311.83	-0.021	188.1	-0.0817	779.58	0.08	228.5	1.0217
311.87	-0.014	188.9	-0.0817	779.67	0.074	228.3	1.0048
311.90	-0.01	188.9	-0.0577	779.75	0.063	227.6	0.9746
311.93	-0.01	189.5	-0.0364	779.83	0.045	225.9	0.916
311.97	-0.006	190.3	-0.0089	779.92	0.032	224.2	0.8406
312.00	0.002	191.2	0.0231	780.00	0.02	222.4	0.6462
312.03	0.005	191.9	0.0515	780.08	0.003	219.6	0.4527
312.07	0.009	192.9	0.0843	780.17	-0.01	216.5	0.2343
312.10	0.018	193.8	0.0843	780.25	-0.024	213.4	0.0115
312.13	0.021	193.8	0.1243	780.33	-0.039	209.1	-0.2237
312.17	0.021	194.6	0.15	780.42	-0.056	203.3	-0.3994
312.20	0.025	195.7	0.1837	780.52	-0.062	200.1	-0.5921
312.23	0.033	196.6	0.2237	780.58	-0.067	197.9	-0.6604
312.27	0.036	197.4	0.2548	780.67	-0.073	195.5	-0.7208
312.30	0.041	198.4	0.2548	780.75	-0.073	193.7	-0.7518
312.33	0.046	199.2	0.2876	780.83	-0.071	193.3	-0.7625
312.37	0.046	199.2	0.3142	780.92	-0.067	193.5	-0.7545
312.40	0.047	199.8	0.3355	781.00	-0.058	194.8	-0.7314
312.43	0.052	200.7	0.3604	781.08	-0.051	196.5	-0.6932
312.47	0.055	201.3	0.3781	781.17	-0.038	198.5	-0.632
312.50	0.057	202	0.3932	781.25	-0.019	201.4	-0.537
312.53	0.06	202.6	0.3932	781.33	-0.005	206	-0.419
312.57	0.062	202.6	0.4083	781.42	0.007	209.4	-0.1536

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
312.60	0.062	203.1	0.419	781.50	0.024	212.9	0.0737
312.63	0.062	203.5	0.4261	781.58	0.038	216.1	0.3045
312.67	0.063	204	0.4332	781.67	0.049	219	0.5131
312.70	0.064	204.4	0.4376	781.75	0.063	221.6	0.6941
312.73	0.064	204.7	0.4394	781.83	0.076	223.7	0.8299
312.77	0.063	204.9	0.4394	781.92	0.082	226	0.9169
312.80	0.062	204.9	0.4394	782.02	0.085	227	0.9968
312.83	0.062	205.1	0.4394	782.08	0.087	227.9	1.0226
312.87	0.061	205.2	0.4367	782.17	0.084	228.5	1.0297
312.90	0.057	205.2	0.4341	782.25	0.079	228.5	1.0261
312.93	0.056	205.2	0.4296	782.33	0.072	228.2	1.0021
312.98	0.053	205.2	0.427	782.42	0.06	227.4	0.9675
313.02	0.05	205.1	0.4207	782.50	0.049	226.1	0.9027
313.05	0.048	205	0.4128	782.58	0.038	225	0.822
313.08	0.045	204.7	0.4003	782.67	0.021	222.7	0.6808
313.10	0.037	204.2	0.4003	782.75	0	219	0.5148
313.13	0.034	204.2	0.3852	782.83	-0.014	215.8	0.3045
313.17	0.034	203.9	0.3728	782.92	-0.027	212.5	-0.0399
313.20	0.031	203.4	0.3551	783.00	-0.041	208.4	-0.2619
313.23	0.023	202.7	0.3302	783.08	-0.051	204.5	-0.4367
313.27	0.02	202.2	0.3089	783.17	-0.06	201.2	-0.5628
313.30	0.016	201.4	0.2805	783.25	-0.07	197.9	-0.6622
313.33	0.007	200.6	0.2805	783.33	-0.073	194.9	-0.7172
313.37	0.004	200.6	0.245	783.43	-0.073	193.9	-0.7589
313.40	0.004	199.9	0.2184	783.50	-0.072	193.4	-0.7651
313.43	0	199	0.1837	783.58	-0.066	193.5	-0.7607
313.47	-0.009	198	0.1429	783.67	-0.056	195.1	-0.7421
313.50	-0.012	197.2	0.1145	783.75	-0.049	196.8	-0.6853
313.53	-0.016	196.1	0.0817	783.83	-0.036	199.1	-0.6187
313.57	-0.023	195.1	0.0817	783.92	-0.022	202	-0.5139
313.60	-0.023	195.1	0.0444	784.00	-0.012	205	-0.3852
313.63	-0.026	194.2	0.0142	784.08	0.005	208.4	-0.2068
313.67	-0.031	193.1	-0.0186	784.17	0.027	211.8	0.0036
313.70	-0.035	192.1	-0.0453	784.25	0.041	216.9	0.2317
313.73	-0.037	191.3	-0.0683	784.33	0.052	219.5	0.5521
313.77	-0.042	190.3	-0.0683	784.42	0.065	222.1	0.727
313.80	-0.045	190.3	-0.0905	784.50	0.074	224.1	0.8548
313.83	-0.045	189.6	-0.1083	784.58	0.08	225.6	0.9329
313.87	-0.046	188.8	-0.1234	784.67	0.085	226.8	0.9897
313.90	-0.049	188.1	-0.1376	784.75	0.086	228	1.0181
313.93	-0.05	187.6	-0.1465	784.83	0.084	228.4	1.0288
313.97	-0.051	187	-0.1536	784.92	0.081	228.6	1.0243
314.00	-0.052	186.5	-0.1536	785.00	0.073	228.3	1.0092
314.03	-0.052	186.5	-0.1598	785.08	0.057	227.2	0.9764
314.07	-0.052	186.2	-0.1633	785.17	0.047	225.9	0.8876
314.10	-0.051	185.9	-0.1642	785.25	0.035	224.6	0.7962
314.13	-0.051	185.7	-0.1651	785.33	0.018	222.3	0.6462
314.17	-0.049	185.6	-0.1633	785.42	0.006	219.7	0.4687
314.20	-0.048	185.5	-0.1607	785.50	-0.009	217	0.2601
314.23	-0.045	185.6	-0.1607	785.58	-0.03	213.3	0.016
314.27	-0.042	185.8	-0.1571	785.67	-0.043	207.8	-0.1775
314.30	-0.042	185.8	-0.1518	785.75	-0.052	204.1	-0.45
314.33	-0.04	185.9	-0.1447	785.83	-0.062	200.6	-0.5823
314.37	-0.035	186.4	-0.1349	785.92	-0.068	197.5	-0.6719
314.42	-0.032	186.7	-0.1252	786.00	-0.071	195.5	-0.7261
314.45	-0.03	186.9	-0.1172	786.08	-0.073	194.1	-0.7563
314.48	-0.025	187.6	-0.1021	786.17	-0.071	193.6	-0.7634
314.52	-0.02	188.1	-0.0861	786.25	-0.065	193.9	-0.7598
314.55	-0.017	188.7	-0.0657	786.35	-0.061	194.6	-0.7367
314.57	-0.009	189.5	-0.0657	786.42	-0.051	196.1	-0.7021
314.60	-0.006	189.5	-0.0382	786.50	-0.033	198.6	-0.6338
314.63	-0.006	190.2	-0.0142	786.58	-0.019	202.7	-0.5503
314.67	-0.002	191	0.016	786.67	-0.008	205.6	-0.3524

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
314.70	0.007	192	0.0524	786.75	0.008	209.2	-0.1624
314.73	0.01	192.8	0.079	786.83	0.022	212.7	0.0595
314.77	0.013	193.7	0.1118	786.92	0.035	215.8	0.2814
314.80	0.022	194.7	0.1118	787.00	0.051	218.9	0.506
314.83	0.025	194.7	0.1509	787.08	0.068	222.6	0.6817
314.87	0.025	195.5	0.1811	787.17	0.076	224.5	0.8149
314.90	0.029	196.5	0.2148	787.25	0.081	225.9	0.9462
314.93	0.037	197.4	0.2512	787.33	0.085	227.1	0.9977
314.97	0.039	198.2	0.2796	787.42	0.086	227.9	1.0208
315.00	0.044	199.2	0.2796	787.50	0.085	228.4	1.0279
315.03	0.049	199.9	0.3107	787.58	0.081	228.5	1.0243
315.07	0.049	199.9	0.3355	787.67	0.068	228	1.0066
315.10	0.051	200.6	0.3551	787.75	0.06	227.1	0.956
315.13	0.054	201.4	0.3746	787.83	0.052	226.5	0.9152
315.17	0.058	202	0.3923	787.92	0.032	224.9	0.8264
315.20	0.059	202.5	0.4057	788.00	0.016	221.9	0.7057
315.23	0.061	203.1	0.4057	788.08	0.004	219.4	0.4447
315.27	0.063	203.1	0.4181	788.17	-0.012	216.5	0.2255
315.30	0.063	203.6	0.427	788.25	-0.027	212.8	-0.0178
315.33	0.063	204	0.4323	788.33	-0.037	209.1	-0.2219
315.37	0.063	204.4	0.4367	788.42	-0.05	205.1	-0.4119
315.40	0.063	204.7	0.4394	788.50	-0.063	201.4	-0.5503
315.43	0.063	204.9	0.4403	788.58	-0.07	196.9	-0.648
315.47	0.062	205.1	0.4403	788.67	-0.072	195.1	-0.7376
315.50	0.061	205.1	0.4403	788.75	-0.073	193.9	-0.7607
315.53	0.061	205.3	0.4385	788.83	-0.071	193.5	-0.7651
315.57	0.059	205.3	0.4349	788.92	-0.068	193.6	-0.7589
315.60	0.055	205.3	0.4296	789.00	-0.06	194.5	-0.7403
315.63	0.053	205.2	0.4252	789.08	-0.045	196.4	-0.7003
315.67	0.051	205	0.4172	789.17	-0.033	199.8	-0.6462
315.70	0.044	204.7	0.4172	789.27	-0.026	201.7	-0.5299
315.73	0.042	204.7	0.4074	789.33	-0.011	204.8	-0.4003
315.77	0.042	204.6	0.3968	789.42	0.011	209.9	-0.2201
315.80	0.039	204	0.3817	789.50	0.025	213.5	-0.0195
315.83	0.03	203.5	0.3622	789.58	0.038	216.6	0.3293
315.88	0.028	203.2	0.3515	789.67	0.053	219.5	0.5503
315.92	0.027	202.8	0.3382	789.75	0.064	222.1	0.7163
315.95	0.019	202.2	0.3116	789.83	0.072	223.9	0.837
315.98	0.016	201.6	0.2832	789.92	0.08	225.6	0.9294
316.00	0.009	200.6	0.2832	790.00	0.086	227.3	0.9862
316.03	0.002	199.8	0.2459	790.08	0.086	228	1.0172
316.07	0.002	199.8	0.213	790.17	0.084	228.4	1.0279
316.10	0	199.2	0.1846	790.25	0.08	228.5	1.0226
316.13	-0.007	198.1	0.1473	790.33	0.072	228.1	1.0013
316.17	-0.013	197.2	0.1154	790.42	0.064	227.6	0.972
316.20	-0.015	196.4	0.0843	790.50	0.046	226.4	0.9134
316.23	-0.023	195.2	0.0843	790.58	0.031	224.2	0.8379
316.27	-0.026	195.2	0.0462	790.68	0.019	222.1	0.6418
316.30	-0.026	194.3	0.0169	790.75	0.007	220.3	0.5086
316.33	-0.029	193.4	-0.0107	790.83	-0.015	217.3	0.2858
316.37	-0.035	192.3	-0.0408	790.92	-0.03	211.9	0.0612
316.40	-0.038	191.5	-0.0639	791.00	-0.04	208.3	-0.2619
316.43	-0.04	190.6	-0.0861	791.08	-0.053	204.3	-0.4491
316.47	-0.045	189.7	-0.0861	791.17	-0.061	200.7	-0.5752
316.50	-0.046	189.7	-0.1074	791.25	-0.067	197.9	-0.6648
316.53	-0.046	189	-0.1216	791.33	-0.072	195.5	-0.7288
316.57	-0.048	188.3	-0.1349	791.42	-0.073	194.2	-0.7554
316.60	-0.05	187.6	-0.1465	791.50	-0.071	193.4	-0.7651
316.63	-0.051	187.1	-0.1536	791.58	-0.067	193.8	-0.7554
316.67	-0.051	186.6	-0.1589	791.67	-0.059	194.8	-0.735
316.70	-0.051	186.3	-0.1589	791.75	-0.047	196.8	-0.6897
316.73	-0.051	186.3	-0.1624	791.83	-0.04	198.8	-0.6302
316.77	-0.051	186	-0.1642	791.92	-0.025	201.5	-0.537

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
316.80	-0.051	185.8	-0.1651	792.00	-0.004	204.7	-0.4048
316.83	-0.049	185.6	-0.1642	792.08	0.01	209.7	-0.2388
316.87	-0.048	185.6	-0.1616	792.18	0.019	212.5	0.0311
316.90	-0.046	185.6	-0.1571	792.25	0.036	215.9	0.2663
316.93	-0.042	185.8	-0.1571	792.33	0.056	219	0.498
316.97	-0.04	185.8	-0.1518	792.42	0.066	222.6	0.6657
317.00	-0.04	186	-0.1456	792.50	0.074	224.4	0.861
317.03	-0.037	186.2	-0.1367	792.58	0.081	226	0.9462
317.07	-0.031	186.7	-0.126	792.67	0.085	227.2	0.9968
317.10	-0.029	187.1	-0.1136	792.75	0.086	227.9	1.0217
317.13	-0.025	187.8	-0.0959	792.83	0.085	228.4	1.0288
317.17	-0.017	188.5	-0.0959	792.92	0.078	228.5	1.0252
317.20	-0.015	188.5	-0.0754	793.00	0.07	228	1.0101
317.23	-0.015	189	-0.0577	793.08	0.062	227.5	0.9631
317.27	-0.011	189.9	-0.032	793.17	0.047	226.2	0.9001
317.32	-0.001	190.7	-0.0009	793.25	0.036	224.5	0.806
317.35	-0.001	191.2	0.0142	793.33	0.022	222.9	0.6782
317.38	0.003	192	0.0435	793.42	0.006	220.2	0.4944
317.42	0.011	192.9	0.079	793.50	-0.016	215.6	0.2814
317.45	0.014	193.6	0.1083	793.60	-0.028	212.4	-0.0364
317.47	0.019	194.7	0.142	793.67	-0.037	209.4	-0.1988
317.50	0.026	195.6	0.142	793.75	-0.055	205.2	-0.4048
317.53	0.026	195.6	0.1793	793.83	-0.063	199.9	-0.5397
317.57	0.029	196.4	0.2104	793.92	-0.068	197.2	-0.6808
317.60	0.035	197.5	0.2468	794.00	-0.072	195.1	-0.7367
317.63	0.04	198.3	0.2787	794.08	-0.073	193.9	-0.7607
317.67	0.043	199	0.3036	794.17	-0.072	193.5	-0.766
317.70	0.048	199.9	0.3036	794.25	-0.068	193.5	-0.7607
317.73	0.051	200.6	0.3311	794.33	-0.057	194.6	-0.7421
317.77	0.051	200.6	0.3533	794.42	-0.045	197.3	-0.7083
317.80	0.053	201.3	0.3719	794.50	-0.037	199.6	-0.6098
317.83	0.058	202	0.3914	794.58	-0.022	202.2	-0.5095
317.87	0.059	202.5	0.4048	794.67	-0.008	205.5	-0.3666
317.90	0.06	203.1	0.4163	794.75	0.004	208.8	-0.1926
317.93	0.062	203.6	0.4163	794.83	0.02	212.2	0.0231
317.97	0.063	203.6	0.4252	794.92	0.042	215.6	0.2592
318.00	0.063	204	0.4323	795.00	0.055	220	0.4669
318.03	0.063	204.4	0.4367	795.08	0.062	222.1	0.7057
318.07	0.063	204.7	0.4394	795.17	0.073	224	0.8291
318.10	0.063	205	0.4403	795.25	0.082	225.7	0.9231
318.13	0.062	205.2	0.4403	795.33	0.086	227.4	0.9826
318.17	0.061	205.3	0.4403	795.42	0.086	228.1	1.0226
318.20	0.059	205.3	0.4394	795.50	0.084	228.5	1.0279
318.23	0.059	205.4	0.4367	795.58	0.08	228.6	1.0217
318.27	0.057	205.4	0.4314	795.67	0.074	228.4	1.0039
318.30	0.052	205.3	0.4261	795.75	0.063	227.7	0.9746
318.33	0.05	205.2	0.4199	795.83	0.044	225.9	0.916
318.37	0.047	204.9	0.4092	795.92	0.032	224.2	0.8406
318.40	0.041	204.6	0.4092	796.00	0.02	222.5	0.6453
318.43	0.038	204.6	0.3968	796.08	0.003	219.7	0.4545
318.47	0.038	204.4	0.3861	796.17	-0.011	216.6	0.2317
318.50	0.035	203.8	0.3684	796.25	-0.024	213.4	0.0062
318.53	0.027	203.2	0.348	796.33	-0.039	209.2	-0.2246
318.57	0.024	202.8	0.3293	796.42	-0.055	203.4	-0.4003
318.60	0.02	202.1	0.3036	796.52	-0.061	200.4	-0.5841
318.63	0.012	201.3	0.3036	796.58	-0.067	197.9	-0.6631
318.67	0.012	201.3	0.2725	796.67	-0.073	195.4	-0.7288
318.70	0.009	200.7	0.2432	796.75	-0.073	193.7	-0.7563
318.73	0.002	199.7	0.2042	796.83	-0.071	193.4	-0.7669
318.78	-0.004	198.8	0.1731	796.92	-0.067	193.6	-0.758
318.82	-0.005	198.3	0.1544	797.00	-0.058	194.8	-0.7359
318.85	-0.011	197.3	0.1225	797.08	-0.051	196.5	-0.6977
318.88	-0.017	196.4	0.0888	797.17	-0.039	198.6	-0.6364

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
318.90	-0.019	195.6	0.0568	797.25	-0.02	201.5	-0.537
318.93	-0.026	194.3	0.0568	797.33	-0.005	206.2	-0.4172
318.97	-0.03	194.3	0.0186	797.42	0.007	209.6	-0.1518
319.00	-0.03	193.4	-0.0107	797.50	0.024	213	0.0754
319.03	-0.033	192.6	-0.0355	797.58	0.038	216.3	0.3116
319.07	-0.038	191.5	-0.0639	797.67	0.049	219.2	0.5122
319.10	-0.041	190.7	-0.0843	797.75	0.062	221.7	0.6897
319.13	-0.042	189.9	-0.1012	797.83	0.076	223.8	0.8344
319.17	-0.047	189	-0.1012	797.92	0.082	226.1	0.9169
319.20	-0.048	189	-0.1207	798.00	0.084	227.2	0.995
319.23	-0.048	188.4	-0.134	798.08	0.087	228	1.0243
319.27	-0.049	187.8	-0.1447	798.17	0.084	228.4	1.0297
319.30	-0.051	187.2	-0.1527	798.25	0.078	228.6	1.027
319.33	-0.051	186.7	-0.1589	798.33	0.072	228.3	1.0013
319.37	-0.051	186.3	-0.1616	798.42	0.061	227.5	0.9675
319.40	-0.051	186.1	-0.1616	798.50	0.048	226.2	0.9027
319.43	-0.051	186.1	-0.1633	798.58	0.038	225	0.8202
319.47	-0.051	185.9	-0.1642	798.67	0.021	222.8	0.6826
319.50	-0.05	185.7	-0.1633	798.75	0	219.1	0.5139
319.53	-0.048	185.7	-0.1616	798.83	-0.014	215.9	0.3053
319.57	-0.046	185.7	-0.158	798.92	-0.027	212.6	-0.0408
319.60	-0.044	185.8	-0.1527	799.00	-0.041	208.4	-0.2645
319.63	-0.039	186.1	-0.1527	799.08	-0.051	204.6	-0.4367
319.67	-0.037	186.1	-0.1456	799.17	-0.06	201.3	-0.5645
319.70	-0.037	186.2	-0.1385	799.25	-0.068	197.9	-0.6666
319.73	-0.034	186.6	-0.1278	799.33	-0.073	194.8	-0.7252
319.77	-0.027	187.3	-0.1127	799.43	-0.073	193.9	-0.7634
319.80	-0.025	187.7	-0.1003	799.50	-0.072	193.4	-0.7687
319.83	-0.021	188.2	-0.0817	799.58	-0.068	193.5	-0.7643
319.87	-0.013	189	-0.0817	799.67	-0.056	195.1	-0.7438
319.90	-0.01	189	-0.0577	799.75	-0.047	197.1	-0.6826
319.93	-0.01	189.6	-0.0364	799.83	-0.036	199.1	-0.616
319.97	-0.006	190.5	-0.0098	799.92	-0.021	202.3	-0.5095
320.00	0.002	191.4	0.0222	800.00	-0.01	205.5	-0.3701
320.03	0.005	192.1	0.0506	800.08	0.005	208.6	-0.2015
320.07	0.009	193	0.0843	800.17	0.026	212.1	0.0089
320.10	0.018	194	0.0843	800.25	0.041	217	0.2317
320.13	0.021	194	0.1252	800.33	0.052	219.9	0.5521
320.17	0.021	194.8	0.1518	800.42	0.064	222.2	0.7217
320.20	0.025	195.8	0.1864	800.50	0.075	224.3	0.8592
320.25	0.034	196.8	0.2237	800.58	0.079	225.8	0.9329
320.28	0.034	197.4	0.2423	800.67	0.084	227	0.9897
320.32	0.037	198.3	0.2707	800.75	0.086	227.8	1.0199
320.35	0.044	199.1	0.3027	800.85	0.084	228.5	1.0297
320.37	0.046	199.8	0.324	800.92	0.081	228.7	1.0252
320.40	0.049	200.6	0.3471	801.00	0.074	228.4	1.0092
320.43	0.054	201.4	0.3471	801.08	0.059	227.7	0.9764
320.47	0.054	201.4	0.3701	801.17	0.045	226	0.9276
320.50	0.056	202	0.3879	801.25	0.035	224.5	0.7971
320.53	0.059	202.7	0.4048	801.33	0.019	222.5	0.6542
320.57	0.061	203.2	0.4172	801.42	0.004	219.9	0.4687
320.60	0.062	203.6	0.4252	801.50	-0.008	217.1	0.2601
320.63	0.063	204.1	0.4252	801.58	-0.025	213.5	0.0178
320.67	0.063	204.5	0.4323	801.67	-0.044	209.5	-0.2086
320.70	0.063	204.5	0.4376	801.75	-0.053	203.8	-0.3835
320.73	0.064	204.8	0.4403	801.83	-0.061	200.5	-0.5894
320.77	0.063	205.1	0.4412	801.92	-0.069	197.4	-0.6835
320.80	0.062	205.3	0.4412	802.00	-0.072	195.3	-0.7359
320.83	0.061	205.4	0.4403	802.08	-0.073	194.1	-0.7607
320.87	0.059	205.4	0.4403	802.17	-0.072	193.6	-0.7678
320.90	0.056	205.5	0.4367	802.25	-0.065	193.9	-0.7634
320.93	0.056	205.5	0.4332	802.35	-0.06	194.7	-0.7421
320.97	0.055	205.5	0.4278	802.42	-0.052	196.2	-0.7012

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
321.00	0.05	205.2	0.4199	802.50	-0.037	198.7	-0.6356
321.03	0.047	205.1	0.4128	802.58	-0.019	202.9	-0.5441
321.07	0.044	204.8	0.4012	802.67	-0.006	206.2	-0.4216
321.10	0.037	204.4	0.4012	802.75	0.007	209.4	-0.1518
321.13	0.034	204.4	0.3861	802.83	0.024	213	0.0728
321.17	0.034	204	0.3728	802.92	0.037	216.4	0.3062
321.20	0.031	203.5	0.3551	803.00	0.05	219.1	0.5139
321.23	0.023	202.8	0.3302	803.08	0.063	221.8	0.6968
321.27	0.02	202.4	0.3089	803.17	0.077	224.8	0.8326
321.30	0.016	201.6	0.2814	803.25	0.081	226.2	0.9178
321.33	0.007	200.7	0.2814	803.33	0.085	227.2	1.0004
321.37	0.004	200.7	0.2441	803.42	0.086	228	1.0252
321.40	0.004	200.1	0.2192	803.50	0.085	228.5	1.0306
321.43	0	199.2	0.1855	803.58	0.081	228.6	1.0261
321.47	-0.009	198.2	0.1447	803.67	0.07	228.3	1.0101
321.50	-0.012	197.4	0.1181	803.77	0.061	227.5	0.9684
321.53	-0.015	196.4	0.0843	803.83	0.052	226.4	0.9143
321.57	-0.023	195.3	0.0843	803.92	0.037	225	0.8273
321.60	-0.026	195.3	0.0444	804.00	0.016	223	0.6915
321.63	-0.026	194.4	0.016	804.08	0.001	219.3	0.5326
321.68	-0.033	192.7	-0.0115	804.17	-0.011	216.3	0.2104
321.72	-0.036	192.7	-0.0302	804.25	-0.027	212.7	-0.0293
321.73	-0.036	191.9	-0.0515	804.33	-0.04	208.7	-0.2503
321.78	-0.038	191	-0.0763	804.42	-0.05	205.1	-0.4199
321.80	-0.044	190	-0.1003	804.50	-0.061	201.3	-0.5619
321.83	-0.045	189.3	-0.1163	804.58	-0.07	198.2	-0.6595
321.87	-0.047	188.6	-0.1305	804.67	-0.072	195	-0.719
321.90	-0.05	187.9	-0.1305	804.75	-0.073	194	-0.7625
321.93	-0.051	187.9	-0.1429	804.83	-0.071	193.5	-0.7669
321.97	-0.051	187.4	-0.1509	804.92	-0.066	193.9	-0.7589
322.00	-0.051	187	-0.1562	805.00	-0.061	194.6	-0.7394
322.03	-0.051	186.5	-0.1607	805.08	-0.05	196.4	-0.7012
322.07	-0.051	186.2	-0.1633	805.17	-0.033	198.7	-0.6373
322.10	-0.051	185.9	-0.1651	805.27	-0.024	202	-0.5308
322.13	-0.05	185.7	-0.1651	805.33	-0.012	204.9	-0.3968
322.17	-0.048	185.7	-0.1642	805.42	0.005	208.6	-0.2033
322.20	-0.048	185.7	-0.1624	805.50	0.027	213.8	0.0062
322.23	-0.047	185.6	-0.1589	805.58	0.04	217.1	0.229
322.27	-0.043	185.8	-0.1544	805.67	0.052	219.7	0.5548
322.30	-0.041	185.9	-0.1491	805.75	0.065	222.3	0.7296
322.33	-0.039	186.2	-0.1411	805.83	0.074	224.3	0.8548
322.37	-0.033	186.7	-0.1411	805.92	0.079	225.7	0.9347
322.40	-0.03	186.7	-0.1305	806.00	0.085	227.1	0.9915
322.43	-0.03	187	-0.1189	806.08	0.087	228.2	1.0199
322.47	-0.027	187.6	-0.1039	806.17	0.084	228.6	1.0314
322.50	-0.019	188.3	-0.0843	806.25	0.08	228.7	1.0226
322.53	-0.017	188.8	-0.0675	806.33	0.07	228.2	1.0048
322.57	-0.013	189.5	-0.0444	806.42	0.063	227.4	0.9702
322.60	-0.005	190.4	-0.0444	806.50	0.052	226.6	0.9187
322.63	-0.001	190.4	-0.0133	806.58	0.031	225	0.8273
322.67	-0.001	191.1	0.0115	806.68	0.019	222.5	0.6613
322.70	0.002	191.9	0.0426	806.75	0.008	220.1	0.4989
322.73	0.011	192.9	0.0799	806.83	-0.009	217.3	0.2761
322.77	0.015	193.7	0.1074	806.92	-0.03	213.7	0.0302
322.80	0.018	194.6	0.1402	807.00	-0.043	207.9	-0.1775
322.83	0.026	195.6	0.1402	807.08	-0.052	204.2	-0.4536
322.87	0.03	195.6	0.1802	807.17	-0.062	200.6	-0.5841
322.90	0.03	196.5	0.2104	807.25	-0.068	197.6	-0.6728
322.93	0.033	197.4	0.2423	807.33	-0.071	195.6	-0.7305
322.97	0.041	198.3	0.2796	807.42	-0.073	194.2	-0.7607
323.00	0.043	199.1	0.3027	807.50	-0.071	193.6	-0.7678
323.03	0.046	199.9	0.3267	807.58	-0.065	194	-0.7634
323.07	0.052	200.7	0.3267	807.67	-0.06	194.9	-0.7341

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
323.10	0.052	200.7	0.3542	807.75	-0.048	196.8	-0.6932
323.15	0.055	201.9	0.3719	807.83	-0.036	199.3	-0.6205
323.18	0.059	202.5	0.3852	807.92	-0.026	201.6	-0.5317
323.22	0.059	202.5	0.4003	808.00	-0.01	205.1	-0.3932
323.25	0.059	203	0.4119	808.08	0.011	210.1	-0.2166
323.27	0.061	203.6	0.4216	808.17	0.022	213.1	0.055
323.30	0.063	204	0.4305	808.25	0.035	216	0.2752
323.33	0.063	204.4	0.4358	808.33	0.051	219.2	0.5139
323.37	0.063	204.8	0.4358	808.42	0.067	222.9	0.687
323.40	0.063	204.8	0.4394	808.50	0.075	224.8	0.8193
323.43	0.063	205	0.4412	808.58	0.081	226.1	0.9516
323.47	0.063	205.3	0.4412	808.67	0.086	227.3	1.0013
323.50	0.062	205.4	0.4412	808.75	0.086	228.1	1.0226
323.53	0.06	205.5	0.4385	808.83	0.085	228.6	1.0314
323.57	0.058	205.6	0.4341	808.92	0.081	228.7	1.027
323.60	0.054	205.4	0.4341	809.00	0.068	228.2	1.0092
323.63	0.051	205.4	0.4287	809.08	0.061	227.4	0.9622
323.67	0.051	205.4	0.4234	809.17	0.049	226.4	0.9027
323.70	0.049	205.2	0.4145	809.25	0.033	224.7	0.8033
323.73	0.043	204.9	0.4039	809.33	0.023	222.7	0.6746
323.77	0.04	204.6	0.3923	809.42	0.007	220.4	0.5042
323.80	0.037	204.2	0.3772	809.50	-0.015	217.4	0.2805
323.83	0.029	203.6	0.3772	809.60	-0.025	213.1	0.0044
323.87	0.026	203.6	0.3586	809.67	-0.037	209.3	-0.2121
323.90	0.026	203.2	0.3417	809.75	-0.051	205.2	-0.4199
323.93	0.023	202.6	0.316	809.83	-0.063	201.5	-0.5512
323.97	0.014	201.8	0.2849	809.92	-0.07	197.1	-0.6453
324.00	0.01	201.2	0.2601	810.00	-0.072	195.2	-0.7403
324.03	0.007	200.4	0.229	810.08	-0.073	194	-0.7625
324.07	-0.002	199.4	0.229	810.17	-0.071	193.6	-0.7669
324.10	-0.005	199.4	0.1891	810.25	-0.068	193.8	-0.7607
324.13	-0.005	198.6	0.1607	810.33	-0.061	194.6	-0.7421
324.17	-0.009	197.6	0.126	810.42	-0.046	196.5	-0.7021
324.20	-0.017	196.6	0.0852	810.50	-0.033	199.9	-0.6453
324.23	-0.02	195.8	0.0577	810.58	-0.023	202.6	-0.5051
324.27	-0.023	194.6	0.0257	810.67	-0.007	205.7	-0.3613
324.30	-0.031	193.6	0.0257	810.75	0.007	209.2	-0.1731
324.33	-0.033	193.6	-0.0107	810.83	0.019	212.6	0.032
324.37	-0.033	192.7	-0.0337	810.92	0.036	215.9	0.269
324.40	-0.036	191.7	-0.0586	811.02	0.055	220.2	0.585
324.43	-0.041	190.8	-0.0852	811.08	0.064	222.4	0.7119
324.47	-0.043	190.1	-0.103	811.17	0.072	224.4	0.8388
324.50	-0.046	189.2	-0.103	811.25	0.08	225.9	0.9329
324.53	-0.049	188.5	-0.1207	811.33	0.086	227.2	0.9897
324.58	-0.049	188	-0.1438	811.42	0.086	228.3	1.0199
324.62	-0.05	187.4	-0.1438	811.50	0.085	228.7	1.0314
324.65	-0.051	186.9	-0.1518	811.58	0.08	228.8	1.0243
324.67	-0.051	186.9	-0.158	811.67	0.071	228.3	1.0039
324.70	-0.051	186.5	-0.1624	811.75	0.064	227.9	0.9746
324.73	-0.051	186.2	-0.1651	811.83	0.05	226.7	0.9178
324.77	-0.051	185.9	-0.166	811.92	0.03	224.2	0.8282
324.80	-0.05	185.8	-0.166	812.00	0.018	222.1	0.6258
324.83	-0.049	185.7	-0.166	812.08	0.003	219.8	0.4474
324.87	-0.047	185.7	-0.1642	812.17	-0.013	216.6	0.2175
324.90	-0.047	185.7	-0.1616	812.25	-0.024	213.3	0.008
324.93	-0.045	185.7	-0.1562	812.33	-0.038	209.5	-0.2157
324.97	-0.041	186	-0.1509	812.42	-0.055	205.5	-0.4057
325.00	-0.038	186.2	-0.1438	812.52	-0.061	200.7	-0.577
325.03	-0.036	186.5	-0.134	812.58	-0.066	198	-0.6622
325.07	-0.029	187.1	-0.134	812.67	-0.072	195.6	-0.7296
325.10	-0.027	187.1	-0.1216	812.75	-0.073	194.2	-0.7572
325.13	-0.027	187.5	-0.1083	812.83	-0.071	193.5	-0.7669
325.17	-0.024	188	-0.0897	812.92	-0.067	193.9	-0.7572

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
325.20	-0.015	188.8	-0.0675	813.00	-0.059	194.8	-0.7359
325.23	-0.012	189.4	-0.0488	813.08	-0.047	196.9	-0.6906
325.27	-0.009	190.2	-0.0231	813.17	-0.04	198.9	-0.632
325.30	0	191.1	-0.0231	813.25	-0.025	201.7	-0.537
325.33	0.003	191.1	0.0098	813.33	-0.004	204.8	-0.4039
325.37	0.003	191.8	0.0373	813.42	0.01	209.9	-0.2343
325.40	0.007	192.8	0.071	813.50	0.023	213.3	0.0834
325.43	0.016	193.7	0.1092	813.58	0.039	216.6	0.3187
325.47	0.019	194.5	0.1385	813.67	0.052	219.6	0.5441
325.50	0.023	195.6	0.1704	813.75	0.062	221.9	0.7003
325.53	0.031	196.5	0.1704	813.83	0.073	224.1	0.837
325.57	0.031	196.5	0.2077	813.93	0.081	226.3	0.956
325.60	0.033	197.3	0.2388	814.00	0.085	227.4	1.0004
325.63	0.039	198.3	0.2761	814.08	0.087	228.2	1.0243
325.67	0.044	199.1	0.3053	814.17	0.085	228.6	1.0314
325.70	0.046	199.8	0.3275	814.25	0.078	228.8	1.0279
325.73	0.051	200.7	0.3275	814.33	0.069	228.2	1.0128
325.77	0.054	201.3	0.3515	814.42	0.062	227.7	0.9649
325.80	0.054	201.3	0.371	814.50	0.047	226.4	0.9018
325.83	0.055	201.9	0.3879	814.58	0.035	224.8	0.806
325.87	0.059	202.6	0.4039	814.67	0.022	223.1	0.679
325.90	0.061	203.2	0.4163	814.75	0.006	220.4	0.4997
325.93	0.062	203.6	0.4252	814.83	-0.016	215.8	0.2832
325.97	0.063	204.2	0.4252	814.92	-0.028	212.1	-0.0675
326.00	0.064	204.5	0.4332	815.00	-0.041	208.6	-0.2627
326.05	0.064	204.8	0.4412	815.08	-0.053	204.5	-0.4447
326.08	0.063	205.1	0.4412	815.17	-0.06	201.2	-0.5663
326.12	0.063	205.1	0.4429	815.25	-0.067	198.2	-0.6648
326.13	0.063	205.3	0.4429	815.33	-0.073	195.8	-0.7279
326.17	0.062	205.5	0.442	815.43	-0.073	194	-0.7651
326.20	0.06	205.6	0.4394	815.50	-0.072	193.5	-0.7687
326.23	0.058	205.6	0.4367	815.58	-0.068	193.6	-0.7643
326.27	0.056	205.6	0.4314	815.67	-0.057	194.6	-0.7447
326.30	0.051	205.4	0.4314	815.75	-0.044	197.4	-0.711
326.33	0.049	205.4	0.4243	815.83	-0.037	199.6	-0.6151
326.37	0.049	205.3	0.4181	815.92	-0.023	202.3	-0.5148
326.40	0.046	205	0.4065	816.00	-0.008	205.6	-0.3693
326.43	0.039	204.7	0.3941	816.08	0.004	209	-0.1935
326.47	0.037	204.4	0.3808	816.17	0.02	212.3	0.0213
326.50	0.033	203.8	0.363	816.25	0.042	215.7	0.2565
326.53	0.025	203.2	0.363	816.33	0.055	220.1	0.4687
326.57	0.022	203.2	0.34	816.42	0.064	222.5	0.7323
326.60	0.022	202.7	0.3222	816.50	0.074	224.5	0.861
326.63	0.018	202	0.2929	816.58	0.081	226.1	0.9453
326.67	0.009	201.2	0.2592	816.67	0.084	227.2	0.9942
326.70	0.006	200.5	0.2326	816.75	0.086	228	1.0234
326.73	0.002	199.7	0.1997	816.85	0.085	228.7	1.0323
326.77	-0.006	198.7	0.1997	816.92	0.08	228.8	1.027
326.80	-0.01	198.7	0.1589	817.00	0.074	228.6	1.0092
326.83	-0.01	197.9	0.1314	817.08	0.063	227.9	0.98
326.87	-0.013	196.9	0.0976	817.17	0.045	226.1	0.9205
326.90	-0.021	195.8	0.0577	817.25	0.033	224.4	0.845
326.93	-0.024	194.9	0.0293	817.33	0.019	222.6	0.6444
326.97	-0.027	193.9	-0.0018	817.42	0.003	219.8	0.4554
327.00	-0.034	192.8	-0.0018	817.50	-0.01	216.7	0.2361
327.03	-0.036	192.8	-0.0337	817.58	-0.025	213.6	0.008
327.07	-0.036	192	-0.0559	817.67	-0.039	209.4	-0.2255
327.10	-0.039	191	-0.079	817.75	-0.055	203.5	-0.4003
327.13	-0.044	190.1	-0.1021	817.83	-0.062	200.3	-0.6009
327.17	-0.045	189.4	-0.1181	817.92	-0.068	197.5	-0.6844
327.20	-0.047	188.6	-0.134	818.00	-0.073	195.3	-0.7376
327.23	-0.05	188	-0.134	818.08	-0.073	194.2	-0.7625
327.27	-0.05	188	-0.1456	818.17	-0.072	193.7	-0.7687

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
327.30	-0.05	187.5	-0.1527	818.25	-0.066	193.8	-0.7651
327.33	-0.051	187	-0.158	818.33	-0.058	194.9	-0.7403
327.37	-0.051	186.6	-0.1624	818.42	-0.051	196.7	-0.6995
327.40	-0.051	186.3	-0.1651	818.50	-0.038	198.8	-0.6382
327.43	-0.051	186	-0.1651	818.58	-0.019	201.6	-0.5423
327.48	-0.05	185.9	-0.166	818.67	-0.005	206.3	-0.4216
327.52	-0.049	185.7	-0.1651	818.75	0.007	209.7	-0.1518
327.55	-0.047	185.7	-0.1651	818.83	0.024	213.1	0.071
327.58	-0.044	185.8	-0.1624	818.92	0.038	216.5	0.3045
327.60	-0.044	185.8	-0.158	819.00	0.049	219.4	0.5122
327.63	-0.043	185.9	-0.1518	819.08	0.063	221.9	0.695
327.67	-0.038	186.2	-0.1447	819.17	0.076	224	0.8353
327.70	-0.035	186.5	-0.1358	819.25	0.082	226.3	0.9196
327.73	-0.032	186.8	-0.1243	819.33	0.085	227.4	1.0021
327.77	-0.026	187.6	-0.1243	819.42	0.086	228.2	1.027
327.80	-0.022	187.6	-0.1083	819.50	0.085	228.6	1.0323
327.83	-0.022	188	-0.0941	819.58	0.081	228.8	1.027
327.87	-0.019	188.6	-0.0746	819.67	0.073	228.5	1.0119
327.90	-0.012	189.4	-0.0497	819.77	0.06	227.6	0.9675
327.93	-0.007	190.1	-0.0275	819.83	0.048	226.4	0.9054
327.97	-0.004	190.8	-0.0009	819.92	0.038	225.2	0.822
328.00	0.004	191.8	-0.0009	820.00	0.021	223	0.6835
328.03	0.008	191.8	0.0364	820.08	0	219.2	0.5131
328.07	0.008	192.6	0.0648	820.17	-0.013	216	0.3036
328.10	0.011	193.5	0.0976	820.25	-0.027	212.7	-0.0408
328.13	0.02	194.5	0.1367	820.33	-0.041	208.6	-0.2654
328.17	0.023	195.3	0.166	820.42	-0.051	204.7	-0.4429
328.20	0.027	196.4	0.1997	820.50	-0.06	201.3	-0.5672
328.23	0.035	197.3	0.1997	820.58	-0.068	198.1	-0.6657
328.27	0.038	197.3	0.2379	820.67	-0.073	194.9	-0.727
328.30	0.038	198.1	0.2654	820.75	-0.073	194	-0.7598
328.33	0.041	199	0.2938	820.83	-0.071	193.6	-0.7687
328.37	0.048	199.8	0.3249	820.92	-0.066	193.9	-0.7616
328.40	0.049	200.5	0.3444	821.00	-0.061	195	-0.7403
328.43	0.052	201.3	0.3657	821.08	-0.051	196.4	-0.7048
328.47	0.057	201.9	0.3657	821.18	-0.034	199.9	-0.6089
328.50	0.058	201.9	0.3861	821.25	-0.023	202.3	-0.5246
328.53	0.058	202.5	0.3994	821.33	-0.012	205.4	-0.3897
328.57	0.059	203.1	0.4119	821.42	0.005	208.7	-0.205
328.60	0.063	203.6	0.4243	821.50	0.027	212.2	0.0071
328.63	0.062	204.1	0.4305	821.58	0.041	217.2	0.2317
328.67	0.063	204.5	0.4367	821.67	0.052	220	0.553
328.70	0.064	204.8	0.4367	821.75	0.065	222.4	0.727
328.73	0.064	204.8	0.4403	821.83	0.075	224.5	0.8583
328.77	0.063	205.1	0.4412	821.92	0.08	226	0.9382
328.80	0.062	205.3	0.4412	822.00	0.084	227.2	0.9915
328.83	0.061	205.5	0.4412	822.08	0.086	228.1	1.0208
328.87	0.06	205.6	0.4376	822.17	0.084	228.7	1.0314
328.90	0.057	205.5	0.4376	822.25	0.08	228.8	1.0234
328.95	0.055	205.6	0.4314	822.33	0.071	228.4	1.0057
328.98	0.053	205.6	0.4243	822.42	0.061	227.6	0.9693
329.02	0.049	205.3	0.4243	822.50	0.052	226.7	0.9152
329.05	0.044	205.1	0.4163	822.58	0.036	225.1	0.8255
329.07	0.044	205.1	0.4083	822.68	0.018	222.5	0.6489
329.10	0.042	204.9	0.3968	822.75	0.005	220	0.4758
329.13	0.036	204.4	0.3808	822.83	-0.009	217.3	0.261
329.17	0.031	203.9	0.3657	822.92	-0.025	213.6	0.016
329.20	0.029	203.5	0.3462	823.00	-0.044	207.8	-0.2033
329.23	0.021	202.8	0.3462	823.08	-0.053	203.9	-0.387
329.27	0.017	202.8	0.3204	823.17	-0.062	200.7	-0.5903
329.30	0.017	202.2	0.2974	823.25	-0.069	197.5	-0.6835
329.33	0.014	201.5	0.269	823.33	-0.072	195.4	-0.7376
329.37	0.005	200.6	0.2317	823.42	-0.073	194.2	-0.7634

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
329.40	0.001	199.9	0.205	823.50	-0.072	193.7	-0.7687
329.43	-0.002	199	0.1695	823.58	-0.065	194.1	-0.7651
329.47	-0.011	197.9	0.1695	823.67	-0.058	195.4	-0.7323
329.50	-0.014	197.9	0.1296	823.75	-0.048	196.8	-0.6924
329.53	-0.014	197.1	0.0994	823.83	-0.035	199.6	-0.6196
329.57	-0.018	196.1	0.0666	823.92	-0.024	202.3	-0.521
329.60	-0.025	195	0.0311	824.00	-0.011	205.2	-0.3941
329.63	-0.027	194.1	0.0027	824.10	0.007	209.8	-0.1518
329.67	-0.031	193	-0.0266	824.17	0.023	213.2	0.0577
329.70	-0.037	192	-0.0266	824.25	0.035	216.4	0.2769
329.73	-0.039	192	-0.0577	824.33	0.05	219.3	0.506
329.77	-0.039	191.3	-0.0772	824.42	0.067	221.9	0.6879
329.80	-0.042	190.3	-0.0985	824.50	0.077	224.9	0.8193
329.83	-0.046	189.5	-0.1189	824.58	0.081	226.3	0.9498
329.87	-0.047	188.9	-0.1305	824.67	0.085	227.4	1.0004
329.90	-0.049	188.2	-0.1305	824.75	0.087	228.2	1.0261
329.93	-0.051	187.6	-0.1429	824.83	0.085	228.7	1.0314
329.97	-0.051	187.6	-0.1536	824.92	0.081	228.9	1.0279
330.00	-0.051	187.1	-0.1589	825.00	0.07	228.5	1.0101
330.03	-0.051	186.7	-0.1633	825.08	0.057	227.5	0.9826
330.07	-0.051	186.4	-0.166	825.17	0.049	226.4	0.9001
330.10	-0.051	186.1	-0.1669	825.25	0.034	224.9	0.8051
330.13	-0.05	185.9	-0.1669	825.33	0.02	222.7	0.6613
330.17	-0.048	185.9	-0.1669	825.42	0.007	220.4	0.4926
330.20	-0.048	185.9	-0.1651	825.50	-0.01	217.3	0.2681
330.23	-0.047	185.8	-0.1616	825.60	-0.027	212.8	-0.0178
330.27	-0.044	186	-0.1562	825.67	-0.038	208.9	-0.2397
330.30	-0.041	186.2	-0.1509	825.75	-0.051	205.1	-0.4305
330.33	-0.038	186.3	-0.1429	825.83	-0.061	201.2	-0.5699
330.37	-0.033	186.8	-0.1429	825.92	-0.07	196.9	-0.6622
330.42	-0.032	187.1	-0.126	826.00	-0.072	195	-0.7279
330.45	-0.029	187.4	-0.1118	826.08	-0.073	193.9	-0.7687
330.48	-0.022	188.2	-0.1118	826.17	-0.071	193.6	-0.7714
330.52	-0.018	188.7	-0.0941	826.25	-0.067	193.9	-0.7651
330.53	-0.018	188.7	-0.0781	826.33	-0.061	194.5	-0.7447
330.57	-0.015	189.3	-0.0568	826.42	-0.05	196.5	-0.7083
330.60	-0.008	190.2	-0.0284	826.50	-0.032	200	-0.6435
330.63	-0.003	190.9	-0.0027	826.58	-0.021	202.9	-0.4971
330.67	0	191.7	0.0257	826.67	-0.008	205.8	-0.3568
330.70	0.009	192.7	0.0257	826.75	0.009	209.5	-0.1598
330.73	0.012	192.7	0.0639	826.83	0.02	212.9	0.032
330.77	0.012	193.4	0.0932	826.92	0.035	215.9	0.2592
330.80	0.016	194.4	0.126	827.02	0.053	220	0.5539
330.83	0.024	195.4	0.1642	827.08	0.065	222.5	0.7199
330.87	0.028	196.2	0.1944	827.17	0.072	224.5	0.8379
330.90	0.031	197.2	0.2281	827.25	0.08	225.9	0.9285
330.93	0.039	198.2	0.2281	827.33	0.085	227.2	0.9862
330.97	0.041	198.2	0.2672	827.42	0.086	228.4	1.0172
331.00	0.041	198.9	0.2911	827.50	0.085	228.8	1.0297
331.03	0.044	199.8	0.3169	827.58	0.08	228.8	1.0234
331.07	0.05	200.5	0.3453	827.67	0.071	228.4	1.0039
331.10	0.052	201.2	0.3639	827.75	0.064	227.9	0.972
331.13	0.055	202	0.3817	827.83	0.05	226.7	0.9152
331.17	0.059	202.6	0.3817	827.92	0.03	224.4	0.8264
331.20	0.059	202.6	0.4003	828.00	0.017	222.2	0.7119
331.23	0.06	203.1	0.4119	828.08	0.004	219.9	0.4438
331.27	0.062	203.7	0.4234	828.17	-0.013	216.6	0.2113
331.30	0.063	204.2	0.4314	828.25	-0.026	212.9	-0.024
331.33	0.063	204.6	0.4358	828.33	-0.038	209.5	-0.2272
331.37	0.063	204.9	0.4358	828.42	-0.051	205.1	-0.427
331.40	0.063	205.2	0.4394	828.50	-0.062	200.5	-0.5876
331.43	0.063	205.2	0.4412	828.58	-0.067	197.7	-0.6764
331.47	0.062	205.4	0.442	828.67	-0.072	195.5	-0.7385

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
331.50	0.062	205.5	0.4412	828.75	-0.073	194.1	-0.766
331.53	0.06	205.6	0.4394	828.83	-0.071	193.5	-0.7731
331.57	0.058	205.7	0.4349	828.92	-0.067	193.9	-0.7634
331.60	0.054	205.6	0.4349	829.00	-0.059	194.8	-0.743
331.63	0.051	205.5	0.4296	829.08	-0.047	196.9	-0.6986
331.67	0.051	205.5	0.4243	829.17	-0.039	199	-0.6356
331.70	0.049	205.4	0.4154	829.25	-0.025	201.6	-0.5432
331.73	0.043	205	0.4048	829.33	-0.005	204.9	-0.4083
331.77	0.04	204.8	0.395	829.42	0.011	210	-0.2379
331.80	0.037	204.5	0.3781	829.50	0.023	213.5	0.0834
331.85	0.032	204	0.3675	829.58	0.038	216.6	0.3098
331.88	0.028	203.6	0.3524	829.67	0.052	219.6	0.5379
331.92	0.025	203.1	0.3284	829.75	0.061	222.1	0.6986
331.95	0.016	202.3	0.3284	829.83	0.073	224.1	0.837
331.98	0.012	202.3	0.2982	829.93	0.081	226.3	0.9533
332.00	0.012	201.7	0.2743	830.00	0.085	227.5	0.9986
332.03	0.009	200.9	0.2423	830.08	0.086	228.2	1.0243
332.07	0.001	199.9	0.205	830.17	0.085	228.7	1.0297
332.10	-0.003	199.2	0.1758	830.25	0.079	228.8	1.027
332.13	-0.006	198.3	0.142	830.33	0.069	228.3	1.0119
332.17	-0.015	197.2	0.142	830.42	0.062	227.7	0.9631
332.20	-0.018	197.2	0.1003	830.50	0.048	226.5	0.9036
332.23	-0.018	196.3	0.071	830.58	0.035	224.8	0.8033
332.27	-0.022	195.2	0.0391	830.67	0.023	223.1	0.6764
332.30	-0.029	194.2	0.0027	830.75	0.006	220.5	0.498
332.33	-0.031	193.4	-0.0213	830.83	-0.016	215.8	0.2778
332.37	-0.035	192.3	-0.0488	830.92	-0.029	212.1	0.0559
332.40	-0.04	191.3	-0.0488	831.00	-0.04	208.6	-0.2716
332.43	-0.04	191.3	-0.0772	831.08	-0.053	204.3	-0.4607
332.47	-0.041	190.6	-0.095	831.17	-0.061	200.9	-0.5805
332.50	-0.045	189.7	-0.1145	831.25	-0.067	198.1	-0.6719
332.53	-0.048	188.9	-0.1305	831.35	-0.073	194.9	-0.7527
332.57	-0.048	188.4	-0.1411	831.42	-0.073	193.9	-0.7696
332.60	-0.05	187.7	-0.1411	831.50	-0.072	193.5	-0.774
332.63	-0.051	187.3	-0.1509	831.58	-0.068	193.6	-0.7678
332.67	-0.051	187.3	-0.1571	831.67	-0.06	194.7	-0.7501
332.70	-0.051	186.8	-0.1616	831.75	-0.044	197.4	-0.7119
332.73	-0.051	186.5	-0.1642	831.83	-0.035	199.8	-0.6125
332.77	-0.051	186.2	-0.1651	831.92	-0.023	202.3	-0.5148
332.80	-0.05	186	-0.1651	832.00	-0.007	205.8	-0.3648
332.83	-0.049	185.9	-0.1651	832.08	0.006	209.3	-0.1766
332.87	-0.047	185.9	-0.1642	832.17	0.021	212.5	0.0222
332.90	-0.047	185.9	-0.1616	832.25	0.041	215.9	0.2521
332.93	-0.045	185.9	-0.1562	832.33	0.055	220.3	0.4669
332.97	-0.041	186.2	-0.1509	832.42	0.064	222.7	0.7332
333.00	-0.038	186.4	-0.1447	832.50	0.074	224.5	0.8566
333.03	-0.036	186.6	-0.1349	832.58	0.081	226.1	0.9436
333.07	-0.03	187.3	-0.1349	832.67	0.084	227.3	0.9942
333.10	-0.026	187.7	-0.1216	832.75	0.086	228.1	1.0226
333.13	-0.026	187.7	-0.1083	832.85	0.084	228.8	1.0314
333.17	-0.023	188.2	-0.0905	832.92	0.08	228.9	1.0261
333.20	-0.017	189	-0.0692	833.00	0.074	228.5	1.0075
333.23	-0.011	189.7	-0.0479	833.08	0.063	227.9	0.9791
333.27	-0.008	190.3	-0.024	833.17	0.045	226.8	0.9187
333.32	-0.004	191	-0.0036	833.25	0.031	224.4	0.8415
333.35	0.001	191.7	0.0169	833.33	0.02	222.6	0.6435
333.38	0.004	192.4	0.0515	833.42	0.003	219.9	0.4545
333.42	0.012	193.5	0.0515	833.50	-0.011	216.9	0.2299
333.43	0.018	194.4	0.0932	833.58	-0.024	213.6	0.0027
333.47	0.018	194.4	0.1269	833.67	-0.039	209.4	-0.2272
333.50	0.021	195.2	0.1562	833.75	-0.055	203.5	-0.4101
333.53	0.027	196.3	0.1935	833.83	-0.062	200.3	-0.5459
333.57	0.032	197.1	0.2255	833.92	-0.068	197.6	-0.687

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
333.60	0.035	197.9	0.2556	834.00	-0.073	195.3	-0.743
333.63	0.041	198.9	0.2556	834.08	-0.073	194.2	-0.7651
333.67	0.046	199.7	0.2903	834.17	-0.072	193.7	-0.7705
333.70	0.046	199.7	0.316	834.27	-0.067	193.8	-0.7625
333.73	0.047	200.4	0.3373	834.33	-0.058	195	-0.7421
333.77	0.052	201.2	0.3622	834.42	-0.049	196.9	-0.6977
333.80	0.055	201.8	0.3799	834.50	-0.039	198.8	-0.6373
333.83	0.057	202.5	0.3959	834.58	-0.024	201.9	-0.5388
333.87	0.06	203.1	0.3959	834.67	-0.004	206.7	-0.4048
333.90	0.061	203.1	0.4101	834.75	0.008	210	-0.1473
333.93	0.061	203.6	0.4216	834.83	0.023	213.3	0.0728
333.97	0.062	204.1	0.4296	834.92	0.038	216.6	0.3107
334.00	0.063	204.5	0.4358	835.00	0.05	219.6	0.5166
334.03	0.064	204.9	0.4403	835.08	0.062	222	0.6932
334.07	0.063	205.2	0.442	835.17	0.075	224.2	0.8353
334.10	0.063	205.4	0.442	835.25	0.083	226.5	0.9205
334.13	0.062	205.4	0.4429	835.33	0.085	227.6	1.003
334.17	0.062	205.6	0.442	835.42	0.087	228.3	1.0288
334.20	0.06	205.7	0.4403	835.50	0.084	228.7	1.0323
334.23	0.057	205.7	0.4367	835.58	0.081	228.8	1.027
334.27	0.056	205.7	0.4323	835.67	0.074	228.6	1.0119
334.30	0.053	205.6	0.4261	835.77	0.061	227.8	0.9711
334.33	0.048	205.4	0.4261	835.83	0.048	226.5	0.9063
334.37	0.046	205.4	0.4181	835.92	0.038	225.1	0.822
334.40	0.046	205.3	0.4101	836.00	0.022	223.1	0.6861
334.43	0.043	204.8	0.3968	836.08	0	220.7	0.5175
334.47	0.034	204.4	0.3799	836.17	-0.014	216.1	0.3053
334.50	0.033	204.1	0.3666	836.25	-0.027	212.8	-0.0462
334.53	0.028	203.4	0.3453	836.33	-0.041	208.7	-0.2663
334.57	0.021	202.8	0.3453	836.42	-0.052	204.8	-0.4412
334.60	0.021	202.8	0.3196	836.50	-0.059	201.5	-0.5663
334.63	0.018	202.3	0.2947	836.58	-0.068	198.1	-0.6702
334.67	0.011	201.4	0.2627	836.67	-0.073	194.9	-0.7314
334.70	0.005	200.6	0.2308	836.75	-0.073	194.1	-0.7616
334.75	0.002	200	0.2104	836.83	-0.071	193.6	-0.7714
334.78	-0.001	199.3	0.1873	836.92	-0.067	193.9	-0.7643
334.82	-0.007	198.4	0.1527	837.00	-0.059	195.1	-0.7412
334.85	-0.011	197.6	0.1154	837.08	-0.051	196.4	-0.7048
334.88	-0.019	196.4	0.1154	837.18	-0.036	199.6	-0.6187
334.90	-0.023	196.4	0.0719	837.25	-0.022	202.5	-0.5184
334.93	-0.023	195.4	0.0408	837.33	-0.01	205.7	-0.3764
334.97	-0.025	194.5	0.0124	837.42	0.005	208.9	-0.1953
335.00	-0.032	193.4	-0.0204	837.50	0.021	212.6	0.0311
335.03	-0.035	192.6	-0.0444	837.58	0.042	217.5	0.2556
335.07	-0.037	191.7	-0.0683	837.67	0.054	220.4	0.5779
335.10	-0.043	190.7	-0.0683	837.75	0.064	222.5	0.735
335.13	-0.044	190.7	-0.0923	837.83	0.075	224.7	0.8672
335.17	-0.044	189.9	-0.1101	837.92	0.08	226.2	0.9382
335.20	-0.046	189.1	-0.1269	838.00	0.084	227.3	0.9933
335.23	-0.05	188.4	-0.1411	838.08	0.086	228.1	1.0226
335.27	-0.05	187.9	-0.1491	838.17	0.084	228.8	1.0323
335.30	-0.05	187.4	-0.1562	838.25	0.08	228.8	1.0243
335.33	-0.052	186.9	-0.1562	838.33	0.072	228.5	1.0066
335.37	-0.051	186.9	-0.1624	838.42	0.059	227.6	0.9684
335.40	-0.051	186.5	-0.1651	838.50	0.052	226.5	0.9116
335.43	-0.051	186.3	-0.166	838.58	0.037	225.3	0.8273
335.47	-0.05	186.1	-0.1669	838.67	0.019	222.7	0.6595
335.50	-0.049	185.9	-0.166	838.75	0.004	220.1	0.4749
335.53	-0.048	185.9	-0.1624	838.83	-0.008	217.1	0.2583
335.57	-0.044	186	-0.1624	838.92	-0.025	213.7	0.0186
335.60	-0.043	186	-0.158	839.00	-0.043	209.7	-0.2121
335.63	-0.043	186.1	-0.1536	839.08	-0.054	203.9	-0.3879
335.67	-0.04	186.4	-0.1456	839.17	-0.061	200.7	-0.5921

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
335.70	-0.034	186.7	-0.1367	839.25	-0.069	197.6	-0.6844
335.73	-0.032	187.1	-0.126	839.33	-0.072	195.5	-0.7394
335.77	-0.029	187.7	-0.1118	839.42	-0.073	194.2	-0.766
335.80	-0.022	188.3	-0.1118	839.50	-0.072	193.7	-0.7722
335.83	-0.019	188.3	-0.0932	839.58	-0.065	193.8	-0.7687
335.87	-0.019	188.8	-0.0772	839.67	-0.056	195.4	-0.7509
335.90	-0.015	189.6	-0.055	839.75	-0.049	197.1	-0.6915
335.93	-0.007	190.3	-0.0275	839.83	-0.035	199.5	-0.6249
335.97	-0.004	191	0	839.92	-0.023	202.3	-0.5219
336.00	0.002	192.1	0	840.00	-0.012	205.2	-0.3932
336.03	0.009	192.9	0.0355	840.10	0.007	210	-0.1456
336.07	0.009	192.9	0.0683	840.17	0.023	213.4	0.0675
336.10	0.012	193.6	0.0976	840.25	0.037	216.7	0.3036
336.13	0.019	194.7	0.1358	840.33	0.049	219.4	0.5113
336.17	0.024	195.6	0.1678	840.42	0.063	222.1	0.6959
336.22	0.027	196.4	0.1908	840.50	0.076	225.1	0.8344
336.25	0.03	197.1	0.2139	840.58	0.082	226.5	0.9196
336.28	0.035	198	0.2459	840.67	0.085	227.5	1.003
336.32	0.038	198.8	0.2796	840.75	0.087	228.4	1.027
336.33	0.045	199.8	0.2796	840.83	0.084	228.8	1.0314
336.37	0.049	199.8	0.3142	840.92	0.081	229	1.0261
336.40	0.049	200.5	0.3382	841.00	0.073	228.6	1.011
336.43	0.05	201.1	0.3577	841.08	0.057	227.5	0.9791
336.47	0.055	201.9	0.3772	841.17	0.047	226.2	0.9294
336.50	0.057	202.5	0.3932	841.25	0.034	224.9	0.7953
336.53	0.058	203.1	0.4074	841.33	0.018	222.6	0.6471
336.57	0.062	203.6	0.4074	841.42	0.006	220	0.4687
336.60	0.062	203.6	0.4216	841.52	-0.016	215.7	0.1589
336.63	0.062	204.2	0.4296	841.58	-0.026	213	-0.0169
336.67	0.063	204.6	0.4358	841.67	-0.04	208.8	-0.2503
336.70	0.063	204.9	0.4394	841.75	-0.05	205.1	-0.427
336.73	0.063	205.2	0.442	841.83	-0.06	201.5	-0.5663
336.77	0.063	205.5	0.4429	841.92	-0.068	198	-0.6737
336.80	0.062	205.7	0.4429	842.00	-0.073	195	-0.7341
336.83	0.061	205.7	0.4429	842.08	-0.073	194	-0.7687
336.87	0.061	205.8	0.4412	842.17	-0.071	193.6	-0.7731
336.90	0.059	205.8	0.4376	842.25	-0.066	193.9	-0.7669
336.93	0.055	205.8	0.4332	842.33	-0.061	194.9	-0.7456
336.97	0.053	205.7	0.4261	842.42	-0.051	196.4	-0.7092
337.00	0.049	205.4	0.4261	842.50	-0.033	199	-0.64
337.03	0.044	205.2	0.4181	842.58	-0.019	203	-0.5566
337.07	0.044	205.2	0.4092	842.67	-0.009	206.2	-0.3551
337.10	0.043	205.1	0.3986	842.75	0.008	209.6	-0.1651
337.13	0.036	204.5	0.3826	842.83	0.023	213.1	0.0595
337.17	0.031	204.1	0.3666	842.92	0.035	216.4	0.2796
337.20	0.029	203.7	0.348	843.02	0.052	220.3	0.5574
337.23	0.021	202.9	0.348	843.08	0.064	222.6	0.719
337.27	0.017	202.9	0.3222	843.17	0.075	224.8	0.8583
337.30	0.017	202.4	0.2991	843.25	0.08	226.2	0.9382
337.33	0.014	201.7	0.2716	843.33	0.084	227.4	0.9933
337.37	0.005	200.8	0.2343	843.42	0.086	228.2	1.0234
337.40	0.001	200.1	0.2059	843.50	0.084	228.9	1.0323
337.43	-0.002	199.2	0.1713	843.58	0.08	229	1.0243
337.47	-0.01	198.2	0.1713	843.67	0.071	228.6	1.0066
337.50	-0.014	198.2	0.1314	843.75	0.061	227.7	0.9684
337.53	-0.014	197.3	0.0994	843.83	0.052	226.9	0.9152
337.57	-0.017	196.3	0.0683	843.92	0.036	225.3	0.8264
337.60	-0.025	195.1	0.0302	844.00	0.015	222.2	0.6924
337.63	-0.028	194.3	0.0027	844.08	0.002	219.5	0.5335
337.68	-0.031	193.5	-0.0178	844.17	-0.012	216.7	0.2068
337.72	-0.034	192.7	-0.0373	844.25	-0.028	212.8	-0.0426
337.73	-0.037	191.9	-0.0612	844.33	-0.039	209	-0.2503
337.78	-0.04	191	-0.0852	844.43	-0.053	203.6	-0.4296

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
337.80	-0.045	190	-0.0852	844.50	-0.061	200.6	-0.5885
337.83	-0.046	190	-0.1083	844.58	-0.069	197.4	-0.6906
337.87	-0.046	189.3	-0.1243	844.67	-0.072	195.4	-0.7447
337.90	-0.047	188.6	-0.1376	844.75	-0.073	194.2	-0.7678
337.93	-0.051	188	-0.1491	844.83	-0.072	193.6	-0.774
337.97	-0.051	187.5	-0.1553	844.92	-0.065	194.1	-0.7696
338.00	-0.051	187.1	-0.1616	845.00	-0.059	195.2	-0.7403
338.03	-0.051	186.6	-0.1616	845.08	-0.049	196.8	-0.6995
338.07	-0.051	186.6	-0.1651	845.17	-0.035	199.5	-0.6249
338.10	-0.051	186.3	-0.1669	845.25	-0.026	202.1	-0.5335
338.13	-0.051	186.1	-0.1678	845.33	-0.011	205.1	-0.403
338.17	-0.049	186	-0.1669	845.42	0.011	208.7	-0.2175
338.20	-0.048	185.9	-0.1642	845.50	0.026	213.8	-0.0178
338.23	-0.046	186	-0.1598	845.58	0.038	217.1	0.3302
338.27	-0.041	186.2	-0.1598	845.67	0.052	219.8	0.5459
338.30	-0.04	186.2	-0.1544	845.75	0.065	222.5	0.7243
338.33	-0.04	186.3	-0.1482	845.83	0.072	224.4	0.8406
338.37	-0.037	186.7	-0.1394	845.93	0.081	226.6	0.9542
338.40	-0.031	187.2	-0.1269	846.00	0.085	227.6	1.0004
338.43	-0.029	187.5	-0.1154	846.08	0.086	228.4	1.0243
338.47	-0.025	188.2	-0.0976	846.17	0.085	228.8	1.0314
338.50	-0.017	188.9	-0.0976	846.25	0.081	229	1.027
338.53	-0.017	188.9	-0.0781	846.33	0.07	228.7	1.011
338.57	-0.015	189.4	-0.0577	846.42	0.058	227.6	0.9817
338.60	-0.009	190.4	-0.0293	846.50	0.05	226.6	0.9001
338.63	-0.002	191.2	-0.0009	846.58	0.033	224.9	0.8024
338.67	0	191.8	0.0249	846.67	0.02	222.8	0.6595
338.70	0.007	192.8	0.0249	846.75	0.007	220.6	0.4926
338.73	0.013	193.7	0.0621	846.83	-0.01	217.4	0.2645
338.77	0.013	193.7	0.095	846.92	-0.031	212	0.0337
338.80	0.016	194.4	0.1252	847.00	-0.042	208.2	-0.1855
338.83	0.023	195.6	0.1642	847.08	-0.052	204.5	-0.4616
338.87	0.029	196.5	0.1979	847.17	-0.062	200.7	-0.5921
338.90	0.031	197.3	0.2281	847.25	-0.067	197.9	-0.6799
338.93	0.038	198.3	0.2281	847.35	-0.072	195	-0.7376
338.97	0.042	199.1	0.2654	847.42	-0.073	193.9	-0.7696
339.00	0.042	199.1	0.2929	847.50	-0.071	193.6	-0.7731
339.03	0.044	199.8	0.3169	847.58	-0.067	193.9	-0.7669
339.07	0.049	200.7	0.3426	847.67	-0.061	194.6	-0.7474
339.12	0.053	201.4	0.3639	847.75	-0.049	196.6	-0.7092
339.15	0.053	201.9	0.3772	847.83	-0.032	200.1	-0.6462
339.18	0.057	202.6	0.3932	847.92	-0.021	203	-0.4989
339.22	0.059	203.1	0.4065	848.00	-0.008	205.9	-0.3577
339.23	0.06	203.7	0.4181	848.08	0.009	209.6	-0.1598
339.27	0.062	204.2	0.4181	848.17	0.02	213	0.0382
339.30	0.063	204.2	0.4287	848.25	0.035	216.1	0.2645
339.33	0.063	204.7	0.4358	848.33	0.055	219.2	0.498
339.37	0.063	205	0.4394	848.42	0.067	223	0.6675
339.40	0.063	205.3	0.442	848.50	0.074	224.9	0.8637
339.43	0.063	205.5	0.4438	848.58	0.081	226.3	0.948
339.47	0.062	205.8	0.4438	848.67	0.086	227.5	1.0021
339.50	0.061	205.9	0.4438	848.75	0.086	228.2	1.0261
339.53	0.059	205.9	0.442	848.83	0.085	229	1.0359
339.57	0.059	205.9	0.4385	848.92	0.08	229	1.0288
339.60	0.057	205.9	0.4341	849.00	0.071	228.6	1.0084
339.63	0.052	205.8	0.4287	849.08	0.064	228	0.9764
339.67	0.05	205.7	0.4216	849.17	0.051	226.9	0.9214
339.70	0.048	205.4	0.4128	849.25	0.03	225.3	0.8299
339.73	0.041	205.1	0.4128	849.33	0.017	222.4	0.7154
339.77	0.038	205.1	0.3994	849.42	0.004	220	0.4465
339.80	0.038	204.9	0.3879	849.50	-0.013	216.7	0.2148
339.83	0.035	204.3	0.371	849.58	-0.026	213.1	-0.0222
339.87	0.027	203.8	0.3497	849.67	-0.038	209.5	-0.229

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
339.90	0.024	203.3	0.3302	849.75	-0.051	205.3	-0.4243
339.93	0.02	202.6	0.3053	849.83	-0.064	200	-0.5557
339.97	0.012	201.8	0.3053	849.92	-0.069	197.3	-0.6595
340.00	0.009	201.8	0.2752	850.00	-0.072	195.3	-0.7474
340.03	0.009	201.2	0.2485	850.08	-0.073	194.1	-0.7696
340.07	0.004	200.2	0.2148	850.17	-0.071	193.8	-0.7731
340.10	-0.004	199.3	0.174	850.27	-0.066	194.1	-0.7643
340.13	-0.007	198.6	0.1429	850.33	-0.059	194.9	-0.7421
340.17	-0.013	197.4	0.1429	850.42	-0.047	197.1	-0.6986
340.20	-0.019	196.5	0.103	850.50	-0.037	199.4	-0.6293
340.23	-0.019	196.5	0.0683	850.58	-0.025	201.8	-0.5388
340.27	-0.022	195.7	0.0399	850.67	-0.005	205.3	-0.3959
340.30	-0.028	194.4	0.0053	850.75	0.011	210.2	-0.2352
340.33	-0.032	193.5	-0.0231	850.83	0.023	213.7	0.0843
340.37	-0.034	192.7	-0.0479	850.92	0.038	216.8	0.3169
340.40	-0.04	191.6	-0.0479	851.00	0.053	219.8	0.5415
340.43	-0.042	191.6	-0.0746	851.08	0.062	222.3	0.7003
340.47	-0.042	190.8	-0.0941	851.17	0.072	224.3	0.8362
340.50	-0.044	190	-0.1136	851.25	0.082	226	0.9329
340.53	-0.048	189.1	-0.1314	851.33	0.086	227.7	0.9879
340.58	-0.049	188.6	-0.1402	851.42	0.086	228.4	1.0279
340.62	-0.049	188.1	-0.1482	851.50	0.084	228.8	1.0323
340.65	-0.05	187.5	-0.1553	851.58	0.079	228.9	1.0261
340.68	-0.051	187.1	-0.1616	851.68	0.069	228.4	1.0092
340.70	-0.051	186.7	-0.1651	851.75	0.062	227.9	0.9675
340.73	-0.051	186.4	-0.1651	851.83	0.048	226.6	0.9045
340.77	-0.05	186.4	-0.166	851.92	0.035	225	0.8069
340.80	-0.05	186.2	-0.1669	852.00	0.023	223.2	0.679
340.83	-0.05	186	-0.1669	852.08	0.006	220.7	0.5024
340.87	-0.048	186	-0.1642	852.17	-0.016	216	0.2814
340.90	-0.046	186	-0.1607	852.25	-0.029	212.2	0.0568
340.93	-0.044	186.1	-0.1553	852.33	-0.04	208.7	-0.2734
340.97	-0.039	186.4	-0.1553	852.42	-0.053	204.5	-0.4589
341.00	-0.037	186.4	-0.1491	852.50	-0.06	201.1	-0.5823
341.03	-0.037	186.6	-0.1411	852.58	-0.068	198.1	-0.6773
341.07	-0.034	187.1	-0.1305	852.67	-0.072	195.7	-0.7403
341.10	-0.027	187.6	-0.1154	852.75	-0.073	194	-0.7678
341.13	-0.025	188.1	-0.1021	852.83	-0.071	193.7	-0.7749
341.17	-0.021	188.7	-0.0834	852.92	-0.067	193.9	-0.7678
341.20	-0.013	189.5	-0.0834	853.00	-0.058	195.2	-0.7456
341.23	-0.01	189.5	-0.0586	853.08	-0.051	196.9	-0.7066
341.27	-0.01	190.1	-0.0399	853.18	-0.037	199.8	-0.624
341.30	-0.006	190.9	-0.0115	853.25	-0.023	202.4	-0.5246
341.33	0.002	191.8	0.0222	853.33	-0.008	205.8	-0.3764
341.37	0.005	192.5	0.0506	853.42	0.004	209.2	-0.1988
341.40	0.009	193.5	0.0843	853.50	0.02	212.5	0.0142
341.43	0.018	194.5	0.0843	853.58	0.042	216	0.2583
341.47	0.021	194.5	0.1234	853.67	0.055	220.4	0.4687
341.50	0.021	195.2	0.1518	853.75	0.064	222.7	0.7332
341.53	0.025	196.3	0.1864	853.83	0.075	224.7	0.8601
341.57	0.033	197.3	0.2263	853.92	0.081	226.3	0.9436
341.60	0.036	198	0.2548	854.00	0.084	227.4	0.9959
341.63	0.039	199	0.2849	854.08	0.086	228.2	1.0243
341.67	0.046	199.8	0.2849	854.17	0.084	228.9	1.0323
341.70	0.046	199.8	0.316	854.25	0.078	228.8	1.0288
341.73	0.048	200.5	0.3391	854.33	0.072	228.6	1.0039
341.77	0.052	201.4	0.363	854.42	0.06	227.8	0.9702
341.80	0.056	202	0.3826	854.50	0.049	226.6	0.9054
341.83	0.057	202.6	0.3968	854.60	0.033	224.5	0.822
341.87	0.06	203.3	0.3968	854.67	0.02	222.7	0.6489
341.90	0.062	203.8	0.4119	854.75	0.003	220	0.4536
341.93	0.062	203.8	0.4234	854.83	-0.01	216.9	0.2334
341.97	0.062	204.3	0.4314	854.92	-0.025	213.6	0.0018

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
342.02	0.064	205	0.4376	855.00	-0.039	209.5	-0.229
342.05	0.064	205	0.442	855.08	-0.055	203.6	-0.411
342.08	0.063	205.3	0.4438	855.17	-0.062	200.3	-0.6089
342.10	0.063	205.6	0.4447	855.25	-0.069	197.5	-0.695
342.15	0.062	205.8	0.4447	855.33	-0.073	195.2	-0.7492
342.17	0.062	206	0.4438	855.42	-0.073	194.2	-0.7696
342.20	0.059	205.9	0.4438	855.50	-0.072	193.7	-0.7758
342.23	0.056	206	0.4403	855.58	-0.066	193.8	-0.7714
342.27	0.056	206	0.4367	855.67	-0.056	195.5	-0.7545
342.30	0.055	206	0.4305	855.75	-0.049	197.3	-0.695
342.33	0.05	205.7	0.4234	855.83	-0.036	199.5	-0.6276
342.37	0.046	205.6	0.4154	855.92	-0.022	202.5	-0.521
342.40	0.044	205.3	0.4039	856.00	-0.011	205.6	-0.3906
342.43	0.037	204.9	0.4039	856.10	0.007	210.1	-0.1571
342.47	0.035	204.9	0.3897	856.17	0.023	213.5	0.0639
342.50	0.035	204.6	0.3764	856.25	0.038	216.8	0.3071
342.53	0.031	204	0.3559	856.33	0.049	219.7	0.5139
342.57	0.023	203.3	0.3311	856.42	0.062	222.2	0.695
342.60	0.02	202.8	0.3107	856.50	0.076	224.4	0.8388
342.63	0.016	202	0.2823	856.58	0.082	226.6	0.9223
342.67	0.007	201.2	0.2823	856.67	0.085	227.6	1.003
342.70	0.004	201.2	0.2459	856.75	0.086	228.4	1.027
342.73	0.004	200.6	0.2201	856.83	0.085	228.9	1.0323
342.77	0	199.6	0.1855	856.92	0.081	229	1.027
342.80	-0.009	198.6	0.1447	857.00	0.073	228.7	1.0119
342.83	-0.012	197.8	0.1163	857.08	0.058	227.6	0.9791
342.87	-0.015	196.8	0.0817	857.17	0.046	226.3	0.9302
342.90	-0.023	195.7	0.0817	857.25	0.035	225	0.7962
342.93	-0.026	195.7	0.0426	857.33	0.018	222.7	0.648
342.97	-0.026	194.8	0.0151	857.42	0.005	220.1	0.4696
343.00	-0.029	193.8	-0.0133	857.52	-0.015	215.9	0.2592
343.03	-0.035	192.7	-0.0453	857.58	-0.026	213	-0.0266
343.07	-0.037	192	-0.0692	857.67	-0.041	208.7	-0.269
343.10	-0.042	190.9	-0.0692	857.75	-0.051	204.8	-0.4491
343.13	-0.045	190.1	-0.0932	857.83	-0.06	201.4	-0.5708
343.17	-0.045	190.1	-0.1127	857.92	-0.07	198.4	-0.6648
343.20	-0.046	189.4	-0.1269	858.00	-0.073	195.1	-0.7305
343.23	-0.049	188.7	-0.1402	858.08	-0.073	194.1	-0.7714
343.27	-0.05	188.1	-0.1509	858.17	-0.071	193.7	-0.7749
343.30	-0.05	187.6	-0.1571	858.25	-0.066	194	-0.7687
343.33	-0.051	187.1	-0.1571	858.33	-0.061	195	-0.7483
343.37	-0.052	187.1	-0.1624	858.42	-0.051	196.6	-0.7119
343.40	-0.052	186.7	-0.1669	858.50	-0.033	199.1	-0.6427
343.43	-0.051	186.4	-0.1678	858.58	-0.019	203.1	-0.5601
343.48	-0.05	186.1	-0.1678	858.67	-0.009	206.2	-0.3586
343.52	-0.05	186.1	-0.1678	858.75	0.008	209.6	-0.166
343.55	-0.049	186	-0.166	858.83	0.022	213.2	0.0524
343.57	-0.046	186.1	-0.1624	858.92	0.035	216.5	0.2805
343.60	-0.043	186.1	-0.158	859.02	0.052	220.3	0.553
343.63	-0.041	186.2	-0.1509	859.08	0.064	222.7	0.7225
343.67	-0.037	186.7	-0.1509	859.17	0.074	224.8	0.8557
343.70	-0.033	186.7	-0.1429	859.25	0.079	226.2	0.9373
343.73	-0.033	187	-0.134	859.33	0.085	227.4	0.9933
343.77	-0.031	187.4	-0.1207	859.42	0.086	228.3	1.0226
343.80	-0.024	188.1	-0.103	859.50	0.084	229	1.0323
343.83	-0.02	188.6	-0.0879	859.58	0.08	229.1	1.0243
343.87	-0.017	189.1	-0.0675	859.67	0.071	228.6	1.0057
343.90	-0.01	190.1	-0.0675	859.75	0.061	227.9	0.9702
343.93	-0.005	190.8	-0.0391	859.83	0.052	227	0.9169
343.97	-0.005	190.8	-0.016	859.92	0.036	225.4	0.8264
344.00	-0.002	191.5	0.0115	860.00	0.015	222.3	0.6906
344.03	0.005	192.5	0.0479	860.08	0.002	219.6	0.5299
344.07	0.011	193.4	0.079	860.17	-0.012	216.8	0.2068

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
344.10	0.014	194.2	0.1118	860.25	-0.028	212.9	-0.0435
344.13	0.022	195.2	0.1118	860.33	-0.039	209.1	-0.2539
344.17	0.025	195.2	0.15	860.43	-0.053	203.7	-0.4296
344.20	0.025	196.1	0.1793	860.50	-0.061	200.7	-0.5894
344.23	0.029	197	0.2139	860.58	-0.069	197.5	-0.6941
344.27	0.037	198	0.253	860.67	-0.072	195.4	-0.7465
344.30	0.04	198.8	0.2805	860.75	-0.073	194.2	-0.7687
344.33	0.042	199.7	0.3062	860.83	-0.072	193.7	-0.7749
344.37	0.049	200.5	0.3062	860.92	-0.065	194.2	-0.7714
344.40	0.051	200.5	0.3355	861.00	-0.058	195.5	-0.7394
344.43	0.051	201.1	0.3551	861.08	-0.049	196.9	-0.6986
344.47	0.053	201.9	0.3737	861.17	-0.035	199.7	-0.6249
344.50	0.058	202.6	0.395	861.25	-0.026	202.2	-0.5361
344.53	0.059	203.1	0.4083	861.33	-0.011	205.2	-0.4039
344.57	0.06	203.7	0.4199	861.42	0.011	208.8	-0.2201
344.60	0.063	204.3	0.4199	861.50	0.026	214	-0.0186
344.63	0.063	204.3	0.4296	861.58	0.038	217.2	0.3249
344.67	0.063	204.6	0.4367	861.67	0.053	220	0.5468
344.70	0.063	205	0.4403	861.75	0.065	222.5	0.7243
344.73	0.064	205.3	0.4438	861.85	0.076	225.3	0.8433
344.77	0.063	205.6	0.4447	861.92	0.08	226.7	0.9489
344.80	0.062	205.8	0.4438	862.00	0.085	227.7	0.9995
344.83	0.061	205.9	0.4438	862.08	0.087	228.5	1.0261
344.87	0.061	205.9	0.4429	862.17	0.085	229	1.0314
344.92	0.057	206	0.4358	862.25	0.081	229.1	1.0279
344.95	0.054	205.9	0.4358	862.33	0.069	228.8	1.011
344.98	0.054	205.9	0.4314	862.42	0.058	227.7	0.9835
345.02	0.052	205.9	0.4243	862.50	0.05	226.7	0.9001
345.05	0.047	205.6	0.4154	862.58	0.034	225.1	0.8042
345.07	0.043	205.3	0.4057	862.67	0.02	222.9	0.6586
345.10	0.041	205.1	0.3932	862.75	0.007	220.7	0.4909
345.13	0.034	204.5	0.3932	862.83	-0.01	217.5	0.2627
345.17	0.03	204.5	0.3755	862.92	-0.031	212.1	0.0311
345.20	0.03	204.1	0.3595	863.00	-0.042	208.3	-0.1873
345.23	0.027	203.6	0.3382	863.08	-0.052	204.6	-0.4625
345.27	0.019	202.8	0.3116	863.17	-0.062	200.8	-0.5956
345.30	0.015	202.3	0.2867	863.25	-0.067	198	-0.6826
345.33	0.012	201.6	0.2583	863.35	-0.072	195.1	-0.7403
345.37	0.003	200.6	0.2583	863.42	-0.073	194.1	-0.7722
345.40	-0.001	200.6	0.2184	863.50	-0.071	193.7	-0.7758
345.43	-0.001	199.8	0.1891	863.58	-0.067	194	-0.7687
345.47	-0.004	199	0.1571	863.67	-0.061	194.7	-0.7501
345.50	-0.012	197.9	0.1172	863.75	-0.049	196.7	-0.7128
345.53	-0.016	197	0.0852	863.83	-0.032	200.3	-0.6471
345.57	-0.019	196	0.0533	863.92	-0.023	202.9	-0.5113
345.60	-0.027	194.9	0.0533	864.00	-0.008	206	-0.3693
345.63	-0.03	194.9	0.0151	864.08	0.007	209.5	-0.1766
345.67	-0.03	194	-0.0124	864.17	0.02	213	0.0337
345.70	-0.033	193	-0.0391	864.25	0.035	216.2	0.2636
345.73	-0.039	192	-0.0675	864.33	0.055	219.3	0.498
345.77	-0.04	191.2	-0.087	864.42	0.067	223.1	0.6711
345.80	-0.043	190.3	-0.1065	864.50	0.074	225	0.8646
345.83	-0.047	189.5	-0.1065	864.58	0.081	226.4	0.9471
345.87	-0.047	189.5	-0.1269	864.67	0.086	227.6	0.9995
345.90	-0.048	188.9	-0.1385	864.77	0.086	228.6	1.0243
345.93	-0.05	188.2	-0.1491	864.83	0.084	229.1	1.0341
345.97	-0.051	187.7	-0.158	864.92	0.08	229.1	1.027
346.00	-0.051	187.3	-0.1624	865.00	0.071	228.7	1.0084
346.03	-0.051	186.8	-0.1624	865.08	0.064	228.1	0.9764
346.07	-0.051	186.6	-0.166	865.17	0.051	227	0.9214
346.10	-0.051	186.6	-0.1678	865.25	0.031	225.4	0.8291
346.13	-0.051	186.3	-0.1687	865.33	0.017	222.5	0.7128
346.17	-0.049	186.2	-0.1669	865.42	0.004	220.1	0.4456

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
346.20	-0.048	186.2	-0.1651	865.50	-0.013	216.9	0.2148
346.23	-0.046	186.2	-0.1607	865.58	-0.026	213.2	-0.024
346.27	-0.042	186.4	-0.1607	865.67	-0.037	209.7	-0.2272
346.30	-0.039	186.4	-0.1553	865.75	-0.051	205.4	-0.427
346.33	-0.039	186.6	-0.15	865.83	-0.064	200.1	-0.561
346.38	-0.034	187.1	-0.1402	865.92	-0.069	197.4	-0.6613
346.42	-0.03	187.1	-0.1358	866.00	-0.072	195.4	-0.7501
346.45	-0.03	187.5	-0.1234	866.08	-0.073	194.3	-0.7714
346.48	-0.027	187.9	-0.1083	866.17	-0.072	193.8	-0.7767
346.50	-0.02	188.7	-0.087	866.27	-0.066	194.2	-0.7731
346.53	-0.016	189.3	-0.071	866.33	-0.06	195	-0.7456
346.57	-0.013	190	-0.047	866.42	-0.047	197.1	-0.7021
346.60	-0.005	190.9	-0.047	866.50	-0.037	199.4	-0.6338
346.63	-0.001	190.9	-0.0178	866.58	-0.026	201.9	-0.5423
346.67	-0.001	191.5	0.0089	866.67	-0.01	205.4	-0.3986
346.70	0.002	192.4	0.0408	866.75	0.011	210.5	-0.2228
346.73	0.011	193.4	0.079	866.83	0.023	213.9	0.0834
346.77	0.015	194.2	0.1083	866.92	0.038	216.9	0.3133
346.80	0.018	195.2	0.142	867.00	0.053	220	0.5432
346.83	0.026	196.2	0.142	867.08	0.062	222.5	0.7039
346.87	0.029	196.2	0.1802	867.17	0.072	224.4	0.837
346.90	0.029	197	0.2095	867.25	0.082	226.1	0.9285
346.93	0.033	198	0.2432	867.33	0.086	227.8	0.9853
346.97	0.041	198.9	0.2805	867.42	0.086	228.5	1.027
347.00	0.043	199.6	0.3071	867.50	0.084	228.9	1.0314
347.03	0.047	200.5	0.3355	867.58	0.08	229	1.0252
347.07	0.052	201.2	0.3355	867.68	0.069	228.5	1.0075
347.10	0.052	201.2	0.3577	867.75	0.062	227.9	0.9649
347.13	0.053	201.9	0.3746	867.83	0.048	226.7	0.9027
347.17	0.056	202.6	0.3932	867.92	0.035	225.1	0.806
347.20	0.06	203.2	0.4101	868.00	0.022	223.3	0.6764
347.23	0.061	203.7	0.4199	868.08	0.006	220.7	0.4971
347.27	0.062	204.3	0.4199	868.17	-0.016	216.1	0.2778
347.30	0.063	204.7	0.4296	868.25	-0.029	212.3	0.0524
347.33	0.063	204.7	0.4367	868.33	-0.04	208.8	-0.2734
347.37	0.063	205.1	0.4403	868.42	-0.053	204.6	-0.4633
347.40	0.063	205.4	0.4429	868.50	-0.061	201.1	-0.5885
347.43	0.063	205.6	0.4447	868.58	-0.067	198.2	-0.6782
347.47	0.062	205.8	0.4447	868.67	-0.072	195.7	-0.7438
347.50	0.061	206	0.4447	868.75	-0.073	194.1	-0.7696
347.53	0.058	206	0.4429	868.83	-0.071	193.7	-0.7785
347.57	0.058	206	0.4403	868.92	-0.067	193.9	-0.7696
347.60	0.057	206.1	0.4349	869.00	-0.058	195.2	-0.7483
347.63	0.053	205.9	0.4296	869.08	-0.051	196.9	-0.7101
347.67	0.05	205.8	0.4225	869.18	-0.036	199.9	-0.6213
347.70	0.047	205.6	0.4136	869.25	-0.022	202.6	-0.5228
347.73	0.041	205.2	0.4136	869.33	-0.008	205.9	-0.3764
347.77	0.038	205.2	0.4012	869.42	0.004	209.3	-0.1997
347.80	0.038	205	0.3897	869.50	0.02	212.6	0.0133
347.85	0.03	204.2	0.371	869.58	0.041	216.1	0.2512
347.88	0.026	204.2	0.3613	869.67	0.055	220.6	0.4696
347.92	0.026	203.7	0.3444	869.75	0.064	222.9	0.735
347.95	0.023	203.2	0.3196	869.83	0.074	224.9	0.8592
347.97	0.015	202.3	0.2876	869.92	0.081	226.4	0.9436
348.00	0.01	201.6	0.261	870.00	0.084	227.6	0.995
348.03	0.006	200.9	0.2299	870.08	0.087	228.4	1.0252
348.07	-0.002	199.9	0.2299	870.17	0.084	228.9	1.0323
348.10	-0.006	199.9	0.1917	870.25	0.078	229	1.0297
348.13	-0.006	199.2	0.1633	870.33	0.072	228.7	1.0039
348.17	-0.009	198.3	0.1305	870.42	0.061	227.9	0.9711
348.20	-0.016	197.2	0.0888	870.50	0.049	226.7	0.9054
348.23	-0.02	196.3	0.0577	870.60	0.033	224.6	0.8228
348.27	-0.024	195.2	0.0249	870.67	0.02	222.9	0.648

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
348.30	-0.03	194.1	0.0249	870.75	0.003	220.1	0.4509
348.33	-0.033	194.1	-0.0098	870.83	-0.01	217	0.2299
348.37	-0.033	193.3	-0.0346	870.92	-0.024	213.8	0.0018
348.40	-0.036	192.3	-0.0604	871.00	-0.039	209.6	-0.2317
348.43	-0.041	191.3	-0.087	871.08	-0.055	203.8	-0.411
348.47	-0.043	190.6	-0.1039	871.17	-0.062	200.4	-0.6125
348.50	-0.045	189.7	-0.1216	871.25	-0.069	197.6	-0.6968
348.53	-0.049	188.9	-0.1216	871.33	-0.072	195.6	-0.7465
348.57	-0.049	188.9	-0.1376	871.42	-0.073	194.4	-0.7696
348.60	-0.049	188.4	-0.1473	871.50	-0.072	193.8	-0.7767
348.63	-0.05	187.9	-0.1553	871.58	-0.066	193.9	-0.7731
348.67	-0.052	187.4	-0.1616	871.67	-0.056	195.7	-0.7554
348.70	-0.051	187	-0.1651	871.75	-0.049	197.4	-0.6977
348.73	-0.051	186.7	-0.1678	871.83	-0.036	199.7	-0.6284
348.77	-0.051	186.5	-0.1678	871.92	-0.022	202.6	-0.5228
348.80	-0.05	186.5	-0.1678	872.02	-0.005	207	-0.3914
348.83	-0.05	186.3	-0.1678	872.08	0.007	210.1	-0.1642
348.87	-0.048	186.2	-0.1651	872.17	0.023	213.5	0.063
348.90	-0.045	186.3	-0.1616	872.25	0.038	216.9	0.3045
348.93	-0.044	186.3	-0.1571	872.33	0.049	219.8	0.5166
348.97	-0.041	186.6	-0.15	872.42	0.062	222.3	0.6924
349.00	-0.036	187	-0.15	872.50	0.076	224.5	0.8388
349.03	-0.034	187	-0.142	872.58	0.082	226.7	0.9205
349.07	-0.034	187.2	-0.1331	872.67	0.085	227.8	1.0048
349.10	-0.031	187.8	-0.1198	872.75	0.087	228.6	1.0288
349.13	-0.023	188.3	-0.1021	872.83	0.085	229	1.0332
349.17	-0.021	188.8	-0.087	872.92	0.081	229.1	1.0279
349.20	-0.016	189.6	-0.0657	873.00	0.073	228.9	1.0128
349.23	-0.009	190.3	-0.0657	873.08	0.058	227.8	0.9791
349.28	-0.008	190.8	-0.024	873.17	0.046	226.4	0.9302
349.32	-0.004	191.6	0.0018	873.25	0.035	225.1	0.798
349.35	0.004	192.5	0.0018	873.33	0.018	222.9	0.6506
349.38	0.004	192.5	0.0364	873.42	0.005	220.3	0.4678
349.42	0.007	193.2	0.0675	873.52	-0.012	216.4	0.2752
349.43	0.014	194.3	0.1065	873.58	-0.026	213.1	-0.0293
349.47	0.02	195.1	0.1402	873.67	-0.041	208.8	-0.2761
349.50	0.023	196	0.1704	873.75	-0.051	205	-0.4474
349.53	0.03	197	0.1704	873.83	-0.06	201.5	-0.5752
349.57	0.034	197	0.2077	873.92	-0.067	198.3	-0.6764
349.60	0.034	197.9	0.2397	874.00	-0.073	195.1	-0.7394
349.63	0.037	198.7	0.2698	874.08	-0.073	194.1	-0.7696
349.67	0.044	199.7	0.3027	874.17	-0.071	193.7	-0.7793
349.70	0.047	200.4	0.3275	874.25	-0.066	194.1	-0.7714
349.73	0.049	201.1	0.3488	874.33	-0.06	195.2	-0.7501
349.77	0.054	201.9	0.3488	874.42	-0.051	196.6	-0.7163
349.80	0.056	201.9	0.3719	874.50	-0.034	199.2	-0.6462
349.83	0.056	202.5	0.3888	874.58	-0.019	203.3	-0.5619
349.87	0.058	203.1	0.4048	874.67	-0.008	206.5	-0.3577
349.90	0.061	203.7	0.419	874.75	0.007	209.7	-0.1713
349.93	0.062	204.3	0.4278	874.83	0.023	213.3	0.0577
349.97	0.063	204.7	0.4349	874.92	0.035	216.7	0.2778
350.00	0.063	205.1	0.4349	875.00	0.052	220.6	0.5548
350.03	0.063	205.1	0.4394	875.08	0.064	222.9	0.7243
350.07	0.063	205.4	0.4429	875.17	0.075	225	0.8583
350.10	0.063	205.7	0.4447	875.25	0.079	226.5	0.9365
350.13	0.063	205.9	0.4456	875.33	0.084	227.6	0.9942
350.17	0.061	206	0.4438	875.42	0.086	228.5	1.0252
350.20	0.06	206.1	0.4412	875.50	0.084	229.1	1.0332
350.23	0.056	206.1	0.4412	875.58	0.08	229.1	1.0252
350.27	0.054	206.1	0.4367	875.67	0.072	228.8	1.0075
350.30	0.054	206.1	0.4323	875.75	0.059	228	0.9702
350.33	0.052	206	0.4252	875.83	0.052	226.9	0.9152
350.37	0.046	205.7	0.4154	875.92	0.037	225.5	0.8282

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
350.40	0.044	205.5	0.4065	876.00	0.016	223.5	0.6932
350.43	0.041	205.2	0.3932	876.08	0.001	219.7	0.5335
350.47	0.033	204.7	0.3932	876.17	-0.012	216.8	0.205
350.50	0.03	204.7	0.3746	876.25	-0.028	213.1	-0.0417
350.53	0.03	204.3	0.3604	876.33	-0.039	209.2	-0.2548
350.57	0.027	203.6	0.3391	876.43	-0.053	204.1	-0.4101
350.60	0.019	203	0.3124	876.50	-0.061	200.8	-0.5929
350.63	0.015	202.4	0.2885	876.58	-0.069	197.6	-0.695
350.67	0.012	201.6	0.2583	876.67	-0.072	195.5	-0.7501
350.70	0.002	200.7	0.2583	876.75	-0.073	194.3	-0.7714
350.75	0.001	200.1	0.1988	876.83	-0.072	193.8	-0.7785
350.78	-0.002	199.3	0.1704	876.92	-0.065	194.2	-0.774
350.82	-0.01	198.3	0.1704	877.00	-0.057	195.6	-0.758
350.85	-0.014	198.3	0.1331	877.08	-0.049	197	-0.7012
350.87	-0.014	197.5	0.1012	877.17	-0.035	199.7	-0.6302
350.90	-0.017	196.5	0.0675	877.25	-0.023	202.5	-0.5264
350.93	-0.025	195.4	0.0284	877.33	-0.011	205.4	-0.3968
350.97	-0.028	194.5	0.0027	877.42	0.006	209.1	-0.2086
351.00	-0.031	193.6	-0.0257	877.50	0.027	214.3	-0.0009
351.03	-0.037	192.5	-0.0257	877.58	0.04	217.6	0.2272
351.07	-0.039	192.5	-0.0568	877.67	0.052	220.1	0.5557
351.10	-0.039	191.7	-0.0781	877.75	0.065	222.8	0.7305
351.13	-0.041	190.8	-0.0976	877.85	0.077	225.5	0.8539
351.17	-0.046	189.9	-0.1181	877.92	0.081	226.9	0.9595
351.20	-0.047	189.3	-0.1323	878.00	0.085	227.9	1.0066
351.23	-0.048	188.6	-0.1438	878.08	0.087	228.7	1.0288
351.27	-0.051	188	-0.1438	878.17	0.085	229.1	1.0332
351.30	-0.051	188	-0.1544	878.25	0.081	229.3	1.0288
351.33	-0.051	187.6	-0.1607	878.33	0.07	228.9	1.0128
351.37	-0.051	187.2	-0.1642	878.42	0.057	227.8	0.9844
351.40	-0.051	186.8	-0.1669	878.50	0.049	226.5	0.8983
351.43	-0.051	186.5	-0.1678	878.58	0.034	225.2	0.8042
351.47	-0.05	186.3	-0.1687	878.67	0.019	223	0.6569
351.50	-0.049	186.3	-0.1687	878.75	0.007	220.5	0.4864
351.53	-0.047	186.2	-0.1669	878.83	-0.009	217.7	0.2672
351.57	-0.047	186.2	-0.1642	878.92	-0.03	214.1	0.0275
351.60	-0.045	186.3	-0.1589	879.00	-0.042	208.4	-0.1864
351.63	-0.041	186.6	-0.1527	879.08	-0.052	204.6	-0.4651
351.67	-0.038	186.8	-0.1465	879.17	-0.062	200.9	-0.5983
351.70	-0.036	187.1	-0.1367	879.25	-0.068	198.1	-0.6844
351.73	-0.03	187.6	-0.1367	879.35	-0.072	195.2	-0.7385
351.77	-0.026	187.6	-0.1234	879.42	-0.073	194.1	-0.7758
351.80	-0.026	188.1	-0.111	879.50	-0.071	193.7	-0.7793
351.83	-0.023	188.6	-0.0923	879.58	-0.067	194	-0.7722
351.87	-0.016	189.4	-0.0701	879.67	-0.061	194.9	-0.7518
351.90	-0.012	190	-0.0506	879.75	-0.05	196.7	-0.7163
351.93	-0.009	190.6	-0.0257	879.83	-0.033	199.1	-0.648
351.97	-0.001	191.6	-0.0257	879.92	-0.02	203.2	-0.5628
352.00	0.004	191.6	0.008	880.00	-0.008	206.2	-0.363
352.03	0.004	192.4	0.0373	880.08	0.008	209.8	-0.1695
352.07	0.007	193.2	0.0675	880.17	0.022	213.3	0.0541
352.10	0.015	194.3	0.1074	880.25	0.035	216.5	0.2769
352.13	0.019	195.1	0.1376	880.33	0.051	219.6	0.5068
352.18	0.023	195.9	0.1598	880.42	0.067	223.3	0.6879
352.22	0.026	196.6	0.1846	880.50	0.076	225.2	0.8193
352.25	0.031	197.5	0.2166	880.58	0.081	226.6	0.9507
352.28	0.035	198.4	0.2548	880.67	0.086	227.7	1.0039
352.32	0.042	199.4	0.2548	880.77	0.086	228.8	1.027
352.33	0.045	199.4	0.2929	880.83	0.084	229.2	1.035
352.37	0.045	200.1	0.3178	880.92	0.08	229.3	1.0288
352.40	0.048	200.9	0.3409	881.00	0.07	228.8	1.0092
352.43	0.053	201.7	0.3648	881.08	0.063	228	0.9764
352.47	0.055	202.3	0.3808	881.17	0.052	227.2	0.9231

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
352.50	0.057	203	0.3977	881.25	0.032	225.5	0.8291
352.53	0.061	203.6	0.3977	881.33	0.016	222.5	0.7101
352.57	0.061	203.6	0.4136	881.42	0.004	219.9	0.442
352.60	0.061	204.1	0.4234	881.50	-0.012	217	0.221
352.63	0.062	204.6	0.4323	881.58	-0.026	213.3	-0.0249
352.67	0.064	205	0.4385	881.67	-0.037	209.7	-0.2326
352.70	0.063	205.3	0.4429	881.75	-0.051	205.5	-0.4296
352.73	0.063	205.6	0.4438	881.83	-0.063	201.9	-0.5637
352.77	0.062	205.8	0.4438	881.92	-0.069	197.5	-0.6631
352.80	0.062	205.8	0.4447	882.00	-0.072	195.4	-0.7545
352.83	0.062	206	0.4447	882.08	-0.073	194.3	-0.7767
352.87	0.061	206.1	0.442	882.18	-0.07	193.9	-0.7802
352.90	0.057	206.1	0.4394	882.25	-0.065	194.2	-0.7767
352.93	0.056	206.2	0.4341	882.33	-0.059	195.1	-0.7483
352.97	0.052	205.9	0.4341	882.42	-0.048	197.1	-0.7066
353.00	0.048	205.8	0.427	882.50	-0.036	199.6	-0.6347
353.03	0.048	205.8	0.4199	882.58	-0.026	202	-0.5432
353.07	0.046	205.7	0.4092	882.67	-0.01	205.4	-0.4048
353.10	0.04	205.2	0.3968	882.75	0.011	210.5	-0.2246
353.13	0.036	204.9	0.3826	882.83	0.025	214.1	-0.024
353.17	0.033	204.5	0.3666	882.92	0.038	217.1	0.3249
353.20	0.025	203.8	0.3666	883.00	0.053	220.2	0.553
353.23	0.022	203.8	0.3426	883.08	0.064	222.7	0.7208
353.27	0.022	203.3	0.3231	883.17	0.072	224.6	0.8424
353.30	0.018	202.7	0.2947	883.25	0.081	226.3	0.9373
353.33	0.01	201.8	0.2619	883.33	0.086	227.9	0.9888
353.37	0.005	201.1	0.2326	883.42	0.086	228.7	1.0226
353.40	0.002	200.3	0.2015	883.50	0.084	229.1	1.0332
353.43	-0.006	199.3	0.2015	883.58	0.079	229.1	1.027
353.47	-0.01	199.3	0.1624	883.68	0.07	228.7	1.0137
353.50	-0.01	198.5	0.1323	883.75	0.06	227.7	0.9595
353.53	-0.013	197.5	0.0985	883.83	0.049	226.8	0.9054
353.57	-0.021	196.4	0.0577	883.92	0.033	225.1	0.8051
353.60	-0.024	195.5	0.0293	884.00	0.023	223.1	0.6773
353.65	-0.027	194.6	0.0071	884.08	0.007	220.9	0.5006
353.68	-0.031	193.9	-0.0142	884.17	-0.015	217.8	0.2743
353.70	-0.034	193	-0.0399	884.25	-0.029	212.5	0.0541
353.75	-0.037	192.1	-0.0675	884.33	-0.04	208.9	-0.2716
353.77	-0.042	191	-0.0675	884.42	-0.053	204.7	-0.4633
353.80	-0.045	191	-0.095	884.50	-0.061	201.2	-0.5885
353.83	-0.045	190.3	-0.1127	884.58	-0.067	198.3	-0.6782
353.87	-0.046	189.5	-0.1278	884.67	-0.071	196.2	-0.7359
353.90	-0.049	188.8	-0.1411	884.75	-0.073	194.6	-0.7687
353.93	-0.05	188.3	-0.1509	884.83	-0.071	193.7	-0.782
353.97	-0.051	187.8	-0.158	884.92	-0.067	194.2	-0.7714
354.00	-0.052	187.3	-0.158	885.00	-0.059	195.2	-0.7509
354.03	-0.051	187.3	-0.1633	885.08	-0.047	197.3	-0.7039
354.07	-0.051	187	-0.1669	885.17	-0.034	200.1	-0.6622
354.10	-0.051	186.6	-0.1678	885.25	-0.023	202.8	-0.5184
354.13	-0.05	186.4	-0.1678	885.33	-0.007	206.2	-0.3701
354.17	-0.049	186.3	-0.1678	885.42	0.007	209.6	-0.1811
354.20	-0.048	186.2	-0.1642	885.50	0.02	213	0.0249
354.23	-0.044	186.4	-0.1642	885.58	0.036	216.4	0.2681
354.27	-0.042	186.4	-0.1598	885.67	0.056	220.8	0.4989
354.30	-0.042	186.5	-0.1553	885.75	0.066	223.2	0.6684
354.33	-0.04	186.7	-0.1482	885.83	0.074	225	0.8654
354.37	-0.035	187.2	-0.1385	885.92	0.081	226.5	0.9498
354.40	-0.032	187.5	-0.1287	886.00	0.085	227.8	1.003
354.43	-0.029	187.9	-0.1145	886.08	0.087	228.5	1.0288
354.47	-0.022	188.6	-0.1145	886.17	0.085	229	1.035
354.50	-0.018	188.6	-0.095	886.25	0.078	229.2	1.0314
354.53	-0.018	189.1	-0.0799	886.33	0.07	228.6	1.0163
354.57	-0.015	189.8	-0.0577	886.42	0.062	228.1	0.9693

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
354.60	-0.007	190.7	-0.0293	886.50	0.047	226.7	0.9045
354.63	-0.003	191.3	-0.0044	886.60	0.031	224.7	0.8353
354.67	0	192.2	0.0257	886.67	0.018	222.5	0.6276
354.70	0.009	193.2	0.0257	886.75	0.003	220.2	0.4438
354.73	0.012	193.2	0.0639	886.83	-0.013	216.9	0.2104
354.77	0.012	193.9	0.0932	886.92	-0.024	213.6	0
354.80	0.016	195	0.1278	887.00	-0.038	209.8	-0.2263
354.83	0.024	196	0.166	887.08	-0.055	205.8	-0.4154
354.87	0.027	196.8	0.1953	887.17	-0.062	200.5	-0.5539
354.90	0.031	197.8	0.2308	887.25	-0.068	197.7	-0.695
354.93	0.039	198.7	0.2308	887.33	-0.072	195.5	-0.7518
354.97	0.039	198.7	0.2681	887.42	-0.073	194.3	-0.7758
355.00	0.041	199.4	0.2956	887.50	-0.072	193.8	-0.7811
355.03	0.046	200.4	0.3258	887.58	-0.068	193.9	-0.7758
355.07	0.051	201.1	0.3497	887.67	-0.057	195.1	-0.7572
355.12	0.052	201.7	0.3648	887.75	-0.045	197.8	-0.7225
355.13	0.053	202.3	0.3772	887.83	-0.037	199.8	-0.6276
355.18	0.057	202.9	0.3941	887.92	-0.022	202.7	-0.5237
355.22	0.058	203.5	0.4092	888.02	-0.005	206	-0.3781
355.23	0.061	204.2	0.4092	888.08	0.01	210.4	-0.245
355.27	0.063	204.6	0.4243	888.17	0.023	213.8	0.0781
355.30	0.063	204.6	0.4341	888.25	0.039	217.1	0.3169
355.33	0.063	205	0.4385	888.33	0.052	220.1	0.537
355.37	0.063	205.4	0.442	888.42	0.062	222.5	0.7021
355.40	0.063	205.7	0.4447	888.50	0.073	224.6	0.8433
355.43	0.063	205.9	0.4456	888.58	0.082	226.3	0.9302
355.47	0.062	206.1	0.4456	888.67	0.085	228	0.9871
355.50	0.061	206.1	0.4456	888.75	0.086	228.7	1.0314
355.53	0.061	206.2	0.4438	888.83	0.084	229.1	1.035
355.57	0.059	206.3	0.4403	888.92	0.08	229.2	1.0288
355.60	0.055	206.2	0.4349	889.00	0.074	229	1.011
355.63	0.053	206.2	0.4305	889.08	0.062	228.2	0.9808
355.67	0.051	206.1	0.4216	889.17	0.045	226.5	0.9223
355.70	0.045	205.7	0.4216	889.25	0.032	224.8	0.845
355.73	0.042	205.7	0.4128	889.33	0.019	223	0.6453
355.77	0.042	205.5	0.4021	889.42	0.003	220.2	0.4509
355.80	0.039	205.2	0.387	889.52	-0.014	216.4	0.2991
355.83	0.031	204.6	0.3675	889.58	-0.028	212.6	-0.063
355.87	0.027	204.2	0.3524	889.67	-0.041	208.9	-0.2814
355.90	0.025	203.6	0.3302	889.75	-0.052	204.7	-0.4633
355.93	0.017	202.8	0.3302	889.83	-0.061	201.2	-0.5876
355.97	0.013	202.8	0.3018	889.92	-0.067	198.4	-0.6764
356.00	0.013	202.2	0.2769	890.00	-0.072	196.3	-0.7296
356.03	0.009	201.5	0.245	890.08	-0.074	194.2	-0.7651
356.07	0	200.5	0.205	890.17	-0.072	193.6	-0.7838
356.10	-0.004	199.8	0.1758	890.25	-0.067	194	-0.774
356.13	-0.007	198.8	0.1411	890.33	-0.058	195.4	-0.7509
356.17	-0.015	197.7	0.1411	890.42	-0.051	196.9	-0.7128
356.20	-0.018	197.7	0.1021	890.50	-0.038	199.1	-0.6498
356.23	-0.018	196.9	0.0737	890.58	-0.019	202.1	-0.5494
356.27	-0.021	195.8	0.0391	890.67	-0.005	206.8	-0.4314
356.30	-0.029	194.7	0.0009	890.75	0.007	210.1	-0.1598
356.33	-0.031	193.8	-0.0249	890.83	0.024	213.6	0.0675
356.37	-0.034	192.8	-0.0506	890.93	0.042	216.9	0.3036
356.40	-0.04	191.8	-0.0506	891.00	0.055	220.8	0.4625
356.43	-0.04	191.8	-0.0781	891.08	0.064	223.1	0.7341
356.47	-0.041	191.1	-0.0968	891.17	0.075	225.1	0.8637
356.50	-0.045	190.1	-0.1181	891.25	0.081	226.6	0.9462
356.55	-0.048	189.4	-0.1349	891.33	0.084	227.7	0.9977
356.58	-0.048	188.9	-0.1429	891.42	0.087	228.6	1.0279
356.62	-0.049	188.3	-0.1509	891.50	0.084	229.3	1.0341
356.65	-0.051	187.8	-0.158	891.58	0.079	229.2	1.0314
356.67	-0.051	187.4	-0.1633	891.67	0.072	228.9	1.0057

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
356.70	-0.051	187	-0.1633	891.75	0.06	228.1	0.972
356.73	-0.051	186.7	-0.1669	891.83	0.049	226.8	0.9072
356.77	-0.051	186.7	-0.1687	891.92	0.038	225.6	0.8228
356.80	-0.051	186.5	-0.1687	892.00	0.021	223.4	0.6817
356.83	-0.05	186.4	-0.1678	892.08	0	219.6	0.5095
356.87	-0.047	186.3	-0.1651	892.17	-0.013	216.4	0.3018
356.90	-0.046	186.3	-0.1616	892.25	-0.027	213.1	-0.047
356.93	-0.042	186.5	-0.1616	892.33	-0.041	208.9	-0.2716
356.97	-0.04	186.5	-0.1562	892.42	-0.053	204.2	-0.4048
357.00	-0.04	186.7	-0.15	892.50	-0.061	200.8	-0.5947
357.03	-0.037	187	-0.1402	892.58	-0.068	197.8	-0.6932
357.07	-0.031	187.5	-0.1287	892.67	-0.072	195.7	-0.7474
357.10	-0.028	187.9	-0.1172	892.75	-0.073	194.3	-0.7749
357.13	-0.025	188.4	-0.1003	892.83	-0.072	193.9	-0.7811
357.17	-0.017	189.2	-0.1003	892.92	-0.066	193.9	-0.7767
357.20	-0.015	189.2	-0.0799	893.00	-0.056	195.7	-0.7589
357.23	-0.015	189.7	-0.0612	893.08	-0.049	197.4	-0.7012
357.27	-0.011	190.5	-0.0364	893.17	-0.036	199.7	-0.6338
357.30	-0.002	191.4	-0.0036	893.25	-0.022	202.7	-0.5273
357.33	0.001	192.1	0.0222	893.33	-0.012	205.7	-0.3986
357.37	0.005	193.1	0.0568	893.42	0.005	209.2	-0.213
357.40	0.014	194	0.0568	893.50	0.027	212.6	0.0009
357.43	0.016	194	0.0941	893.58	0.041	217.6	0.2272
357.47	0.016	194.8	0.1216	893.67	0.052	220.3	0.553
357.50	0.02	195.9	0.1571	893.75	0.065	222.8	0.7314
357.53	0.029	196.8	0.1971	893.85	0.075	225.5	0.8415
357.57	0.032	197.6	0.2263	893.92	0.082	227	0.9187
357.60	0.035	198.6	0.2592	894.00	0.085	228	1.0066
357.63	0.042	199.4	0.2592	894.08	0.086	228.8	1.0297
357.67	0.044	199.4	0.2929	894.17	0.085	229.2	1.0341
357.70	0.044	200.1	0.316	894.25	0.081	229.4	1.0288
357.73	0.048	201	0.3409	894.33	0.073	229.1	1.0146
357.77	0.053	201.8	0.3666	894.42	0.058	227.9	0.9808
357.80	0.055	202.4	0.3835	894.50	0.047	226.6	0.932
357.83	0.057	203.1	0.4012	894.58	0.035	225.3	0.7998
357.87	0.061	203.7	0.4012	894.67	0.018	223	0.6462
357.90	0.061	203.7	0.4154	894.75	0.005	220.4	0.4651
357.93	0.061	204.2	0.4252	894.83	-0.009	217.7	0.2592
357.97	0.062	204.7	0.4341	894.92	-0.025	213.9	0.0036
358.02	0.064	205.1	0.4403	895.00	-0.043	208.1	-0.2148
358.05	0.063	205.4	0.4438	895.08	-0.054	204.3	-0.4838
358.08	0.063	205.7	0.4456	895.17	-0.062	200.9	-0.6009
358.10	0.063	206	0.4465	895.25	-0.067	198.2	-0.6817
358.13	0.062	206.2	0.4465	895.33	-0.072	195.4	-0.7332
358.17	0.061	206.3	0.4465	895.42	-0.073	194.2	-0.7749
358.20	0.058	206.3	0.4447	895.50	-0.073	193.5	-0.7856
358.23	0.058	206.3	0.442	895.58	-0.067	194	-0.7767
358.27	0.057	206.4	0.4376	895.67	-0.061	195.1	-0.7554
358.30	0.052	206.2	0.4314	895.75	-0.051	196.6	-0.719
358.33	0.05	206.1	0.4252	895.83	-0.033	199.2	-0.6498
358.37	0.048	205.9	0.4154	895.92	-0.019	203.2	-0.5663
358.40	0.041	205.5	0.4154	896.00	-0.009	206.4	-0.3639
358.43	0.038	205.5	0.403	896.08	0.008	209.8	-0.1731
358.47	0.038	205.3	0.3914	896.17	0.023	213.4	0.0541
358.50	0.035	204.9	0.3737	896.25	0.035	216.6	0.2734
358.53	0.027	204.2	0.3515	896.33	0.05	219.6	0.5033
358.57	0.024	203.7	0.3338	896.42	0.067	222.3	0.6915
358.60	0.021	203	0.3098	896.50	0.076	225.3	0.8193
358.63	0.012	202.2	0.3098	896.58	0.081	226.7	0.956
358.67	0.008	202.2	0.2761	896.67	0.086	227.8	1.0066
358.70	0.008	201.6	0.2494	896.77	0.086	228.9	1.0279
358.73	0.004	200.7	0.2148	896.83	0.084	229.3	1.0359
358.77	-0.004	199.8	0.1749	896.92	0.08	229.4	1.0279

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
358.80	-0.007	199	0.1456	897.00	0.071	228.9	1.0101
358.83	-0.011	197.9	0.1101	897.08	0.062	228	0.9737
358.87	-0.019	196.9	0.1101	897.17	0.051	227.2	0.9187
358.90	-0.022	196.9	0.071	897.25	0.031	225.5	0.8246
358.93	-0.022	196.1	0.0435	897.33	0.016	222.6	0.7101
358.97	-0.025	194.9	0.0107	897.42	0.004	220	0.4394
359.00	-0.032	193.9	-0.0231	897.50	-0.012	217.1	0.2148
359.03	-0.035	193.1	-0.0479	897.58	-0.026	213.4	-0.0266
359.07	-0.037	192.1	-0.071	897.67	-0.037	209.8	-0.229
359.10	-0.043	191.2	-0.071	897.75	-0.051	205.6	-0.4296
359.13	-0.043	191.2	-0.0968	897.83	-0.063	202	-0.5672
359.17	-0.044	190.4	-0.1136	897.92	-0.068	197.7	-0.6631
359.20	-0.047	189.5	-0.1305	898.00	-0.072	195.7	-0.7501
359.23	-0.049	188.8	-0.1438	898.08	-0.074	194.3	-0.7785
359.27	-0.049	188.4	-0.1518	898.18	-0.071	193.8	-0.7847
359.30	-0.051	187.8	-0.1518	898.25	-0.065	194.2	-0.7811
359.33	-0.052	187.4	-0.1598	898.33	-0.06	195.2	-0.7509
359.37	-0.052	187.4	-0.1651	898.42	-0.048	197.1	-0.711
359.40	-0.051	187	-0.1678	898.50	-0.035	199.7	-0.6356
359.45	-0.051	186.5	-0.1687	898.58	-0.026	202	-0.5459
359.48	-0.051	186.5	-0.1695	898.67	-0.01	205.5	-0.4057
359.52	-0.05	186.3	-0.1687	898.75	0.011	210.6	-0.2255
359.53	-0.048	186.3	-0.1669	898.83	0.025	214.2	-0.0266
359.57	-0.045	186.4	-0.1633	898.92	0.038	217.2	0.3302
359.60	-0.044	186.4	-0.1571	899.00	0.053	220.2	0.5521
359.63	-0.04	186.8	-0.1571	899.08	0.064	222.8	0.7181
359.67	-0.036	187.1	-0.1509	899.17	0.072	224.7	0.8433
359.70	-0.036	187.1	-0.1429	899.25	0.08	226.3	0.9338
359.73	-0.034	187.3	-0.1323	899.33	0.086	228.1	0.9915
359.77	-0.029	188	-0.1181	899.42	0.086	228.8	1.0234
359.80	-0.024	188.5	-0.103	899.50	0.084	229.2	1.0341
359.83	-0.021	188.9	-0.0861	899.58	0.079	229.2	1.0279
359.87	-0.014	189.8	-0.0861	899.68	0.069	228.8	1.0172
359.90	-0.009	190.5	-0.0621	899.75	0.06	227.8	0.9622
359.93	-0.009	190.5	-0.0408	899.83	0.049	227	0.9054
359.97	-0.007	191.1	-0.016	899.92	0.034	225.2	0.8078
360.00	0.001	192.1	0.0186	900.00	0.022	223.2	0.6746
360.03	0.006	192.9	0.0515	900.08	0.007	220.9	0.4989
360.07	0.009	193.7	0.0826	900.17	-0.015	217.9	0.2769
360.10	0.017	194.8	0.0826	900.25	-0.029	212.5	0.0515
360.13	0.022	194.8	0.1225	900.33	-0.04	209	-0.2725
360.17	0.022	195.7	0.1527	900.42	-0.053	204.8	-0.4651
360.20	0.025	196.5	0.1837	900.50	-0.061	201.3	-0.5894
360.23	0.032	197.6	0.2237	900.58	-0.066	198.5	-0.6728
360.27	0.036	198.4	0.253	900.67	-0.071	196.4	-0.7305
360.30	0.039	199.3	0.2832	900.75	-0.074	194.7	-0.7678
360.33	0.046	200.2	0.2832	900.83	-0.073	193.6	-0.7856
360.37	0.048	200.2	0.316	900.92	-0.068	194.1	-0.7767
360.40	0.048	200.9	0.3391	901.00	-0.059	195.2	-0.7545
360.43	0.05	201.6	0.3604	901.10	-0.046	197.3	-0.7092
360.47	0.056	202.4	0.3826	901.17	-0.033	200.3	-0.6631
360.50	0.057	203	0.3968	901.25	-0.023	202.9	-0.5184
360.53	0.059	203.6	0.411	901.33	-0.007	206.2	-0.3728
360.57	0.062	204.2	0.411	901.42	0.007	209.7	-0.1837
360.60	0.062	204.2	0.4243	901.50	0.02	213.1	0.0231
360.63	0.062	204.6	0.4323	901.58	0.036	216.5	0.2627
360.67	0.063	205.1	0.4385	901.67	0.056	219.6	0.4989
360.70	0.064	205.4	0.4438	901.75	0.066	223.2	0.6693
360.73	0.063	205.7	0.4456	901.83	0.074	225.1	0.8663
360.77	0.063	206	0.4465	901.92	0.081	226.6	0.9498
360.80	0.062	206.2	0.4465	902.00	0.085	227.9	1.0013
360.83	0.061	206.2	0.4465	902.08	0.086	228.6	1.0261
360.87	0.061	206.3	0.4447	902.17	0.085	229.1	1.0332

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
360.92	0.056	206.4	0.4412	902.25	0.078	229.2	1.0306
360.95	0.055	206.4	0.4385	902.33	0.069	228.7	1.0146
360.98	0.055	206.4	0.4341	902.42	0.062	228.1	0.9675
361.02	0.052	206.2	0.427	902.50	0.047	226.9	0.9054
361.03	0.046	205.9	0.4172	902.58	0.031	224.8	0.8353
361.07	0.044	205.8	0.4083	902.67	0.017	222.6	0.7137
361.10	0.04	205.3	0.3932	902.75	0.004	220.3	0.4447
361.13	0.033	204.9	0.3932	902.83	-0.013	217	0.213
361.17	0.033	204.9	0.3755	902.92	-0.025	213.4	-0.0266
361.20	0.031	204.5	0.3595	903.00	-0.038	209.8	-0.2343
361.23	0.025	203.8	0.3364	903.08	-0.05	205.5	-0.4323
361.27	0.019	203.1	0.3107	903.17	-0.063	200.3	-0.569
361.30	0.016	202.6	0.2858	903.25	-0.068	197.7	-0.6648
361.33	0.009	201.6	0.2858	903.33	-0.072	195.7	-0.7492
361.37	0.003	200.9	0.2494	903.42	-0.074	194.3	-0.7785
361.40	0.003	200.9	0.2192	903.50	-0.073	193.6	-0.7882
361.43	0	200.1	0.1864	903.58	-0.068	193.8	-0.7811
361.47	-0.008	199.1	0.1473	903.67	-0.057	195	-0.7616
361.50	-0.012	198.2	0.1163	903.75	-0.045	197.8	-0.7261
361.53	-0.015	197.3	0.0834	903.83	-0.036	200.1	-0.6284
361.57	-0.023	196.2	0.0834	903.92	-0.022	202.7	-0.5281
361.60	-0.027	196.2	0.0444	904.02	-0.005	205.7	-0.4092
361.63	-0.027	195.2	0.0142	904.08	0.01	210.5	-0.2485
361.67	-0.029	194.3	-0.0133	904.17	0.023	214.1	0.079
361.70	-0.035	193.2	-0.0444	904.25	0.038	217.2	0.3107
361.73	-0.038	192.3	-0.0675	904.33	0.052	220.2	0.5423
361.77	-0.04	191.5	-0.0897	904.42	0.062	222.7	0.7048
361.80	-0.045	190.5	-0.0897	904.50	0.073	224.7	0.8388
361.83	-0.047	190.5	-0.1136	904.58	0.082	226.3	0.9311
361.87	-0.047	189.8	-0.1278	904.67	0.086	228.1	0.9871
361.90	-0.047	189.1	-0.1394	904.75	0.086	228.8	1.0314
361.93	-0.051	188.4	-0.1518	904.83	0.085	229.2	1.0359
361.97	-0.051	188	-0.1589	904.92	0.08	229.3	1.0297
362.00	-0.051	187.5	-0.1642	905.00	0.074	229.1	1.0128
362.03	-0.051	187.2	-0.1642	905.08	0.063	228.4	0.9826
362.07	-0.051	187.2	-0.1678	905.17	0.045	227.2	0.9214
362.10	-0.051	186.8	-0.1695	905.25	0.032	224.9	0.845
362.13	-0.051	186.6	-0.1695	905.33	0.02	223	0.6471
362.17	-0.049	186.5	-0.1687	905.42	0.003	220.3	0.4491
362.20	-0.048	186.4	-0.166	905.50	-0.014	216.5	0.2974
362.23	-0.046	186.5	-0.1624	905.58	-0.028	212.6	0.0719
362.27	-0.042	186.7	-0.1624	905.67	-0.041	208.9	-0.284
362.30	-0.04	186.7	-0.1571	905.75	-0.052	204.8	-0.4642
362.35	-0.039	187.1	-0.1456	905.83	-0.06	201.4	-0.5823
362.38	-0.033	187.4	-0.1456	905.92	-0.066	198.8	-0.6648
362.42	-0.031	187.4	-0.1367	906.00	-0.07	196.6	-0.7252
362.45	-0.031	187.7	-0.1252	906.08	-0.074	194.2	-0.7651
362.48	-0.027	188.4	-0.1074	906.17	-0.073	193.5	-0.7891
362.50	-0.019	189.1	-0.087	906.25	-0.069	193.7	-0.782
362.53	-0.017	189.6	-0.0719	906.33	-0.058	195.4	-0.7554
362.57	-0.012	190.4	-0.047	906.42	-0.051	197.1	-0.7163
362.60	-0.005	191.2	-0.047	906.50	-0.039	199.1	-0.6533
362.63	-0.005	191.2	-0.0178	906.58	-0.02	202.1	-0.553
362.67	-0.002	191.9	0.0107	906.67	-0.005	206.8	-0.4323
362.70	0.005	193	0.047	906.75	0.007	210.3	-0.1598
362.73	0.011	193.8	0.0799	906.83	0.023	213.7	0.0648
362.77	0.014	194.5	0.1118	906.93	0.041	216.6	0.2548
362.80	0.021	195.7	0.1118	907.00	0.055	221	0.4633
362.83	0.026	195.7	0.15	907.08	0.064	223.3	0.7385
362.87	0.026	196.5	0.182	907.17	0.075	225.2	0.8637
362.90	0.029	197.4	0.2139	907.25	0.081	226.7	0.9471
362.93	0.036	198.4	0.2503	907.33	0.084	227.9	0.9986
362.97	0.04	199.2	0.2805	907.42	0.086	228.6	1.027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
363.00	0.042	200	0.308	907.50	0.084	229.2	1.035
363.03	0.049	200.9	0.308	907.58	0.078	229.3	1.0323
363.07	0.051	200.9	0.3373	907.67	0.072	228.9	1.0066
363.10	0.051	201.6	0.3577	907.75	0.061	228.2	0.9729
363.13	0.053	202.3	0.3764	907.83	0.048	226.9	0.9072
363.17	0.058	203	0.3959	907.92	0.038	225.6	0.822
363.20	0.059	203.5	0.4092	908.00	0.021	223.5	0.6861
363.23	0.06	204.1	0.4216	908.08	0	221.1	0.5131
363.27	0.063	204.7	0.4216	908.17	-0.014	216.6	0.3045
363.30	0.063	204.7	0.4323	908.25	-0.027	213.2	-0.0497
363.33	0.063	205	0.4376	908.35	-0.041	209	-0.2743
363.37	0.063	205.4	0.4429	908.42	-0.054	204	-0.4119
363.40	0.064	205.7	0.4456	908.50	-0.062	200.6	-0.5494
363.43	0.063	206	0.4465	908.58	-0.068	198	-0.6888
363.47	0.063	206.2	0.4465	908.67	-0.071	196	-0.7421
363.50	0.061	206.3	0.4465	908.75	-0.073	194.6	-0.7696
363.53	0.059	206.3	0.4447	908.83	-0.073	193.8	-0.7829
363.57	0.059	206.4	0.442	908.92	-0.071	193.6	-0.7847
363.60	0.057	206.4	0.4367	909.00	-0.056	195.8	-0.7589
363.63	0.052	206.2	0.4314	909.08	-0.047	197.7	-0.6977
363.67	0.051	206.2	0.4252	909.17	-0.036	199.7	-0.6338
363.70	0.047	205.9	0.4145	909.25	-0.022	202.8	-0.529
363.73	0.04	205.6	0.4145	909.33	-0.011	205.9	-0.3977
363.77	0.038	205.6	0.4021	909.42	0.004	209.2	-0.2175
363.82	0.037	205.1	0.3817	909.50	0.026	212.8	0
363.85	0.029	204.6	0.3817	909.58	0.041	217.7	0.229
363.88	0.026	204.6	0.363	909.67	0.052	220.6	0.5557
363.92	0.026	204.1	0.3453	909.75	0.064	223	0.7296
363.93	0.023	203.4	0.3196	909.85	0.076	224.9	0.8415
363.97	0.014	202.6	0.2876	909.92	0.083	227.1	0.9214
364.00	0.011	202	0.2627	910.00	0.085	228.1	1.0057
364.03	0.007	201.1	0.2272	910.08	0.086	228.9	1.0306
364.07	-0.002	200.2	0.2272	910.17	0.085	229.3	1.035
364.10	-0.005	200.2	0.1891	910.25	0.081	229.4	1.0297
364.13	-0.005	199.5	0.1607	910.33	0.073	229.2	1.0146
364.17	-0.009	198.4	0.126	910.42	0.058	228.4	0.9817
364.20	-0.017	197.4	0.0852	910.50	0.046	226.7	0.932
364.23	-0.02	196.5	0.0533	910.58	0.035	225.3	0.798
364.27	-0.026	195.2	0.0533	910.67	0.018	223.1	0.6498
364.30	-0.031	194.3	0.0151	910.75	0.005	220.5	0.466
364.33	-0.031	194.3	-0.016	910.83	-0.009	217.7	0.253
364.37	-0.033	193.5	-0.0399	910.92	-0.025	214	0.0053
364.40	-0.037	192.4	-0.0675	911.00	-0.043	208.2	-0.2121
364.43	-0.041	191.5	-0.0897	911.08	-0.054	204.4	-0.4012
364.47	-0.043	190.8	-0.1083	911.17	-0.061	201.1	-0.5947
364.50	-0.046	189.9	-0.1083	911.27	-0.066	198.6	-0.6702
364.53	-0.048	189.9	-0.126	911.33	-0.072	195.7	-0.7225
364.57	-0.048	189.2	-0.1394	911.42	-0.073	194.3	-0.7749
364.60	-0.049	188.7	-0.15	911.50	-0.073	193.5	-0.7891
364.63	-0.051	188	-0.1589	911.58	-0.069	193.6	-0.7864
364.67	-0.051	187.6	-0.1642	911.67	-0.062	195.1	-0.7598
364.70	-0.051	187.2	-0.1687	911.75	-0.051	196.7	-0.7217
364.73	-0.051	187	-0.1687	911.83	-0.034	199.3	-0.6506
364.77	-0.051	187	-0.1704	911.92	-0.019	203.4	-0.5672
364.80	-0.051	186.7	-0.1713	912.00	-0.008	206.6	-0.3613
364.83	-0.05	186.5	-0.1704	912.08	0.008	209.9	-0.1731
364.87	-0.047	186.5	-0.1678	912.17	0.023	213.5	0.055
364.90	-0.046	186.5	-0.1642	912.25	0.035	216.8	0.2761
364.93	-0.044	186.7	-0.1589	912.33	0.05	219.7	0.5033
364.97	-0.039	187	-0.1589	912.42	0.067	222.4	0.6915
365.00	-0.037	187	-0.1518	912.50	0.076	225.4	0.8202
365.03	-0.037	187.2	-0.1447	912.58	0.081	226.8	0.9551
365.07	-0.034	187.7	-0.1331	912.67	0.085	227.9	1.0021

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
365.10	-0.027	188.2	-0.1189	912.77	0.086	228.7	1.027
365.13	-0.025	188.6	-0.1047	912.83	0.084	229.4	1.035
365.17	-0.021	189.3	-0.0861	912.92	0.08	229.4	1.0279
365.20	-0.013	190	-0.0861	913.00	0.071	229	1.0101
365.23	-0.013	190	-0.0612	913.08	0.06	228.2	0.9729
365.28	-0.007	191.3	-0.0231	913.17	0.052	227.3	0.9187
365.32	-0.001	192	-0.0231	913.25	0.036	225.7	0.8282
365.35	-0.001	192	0.0053	913.33	0.015	222.6	0.6897
365.38	0.002	192.7	0.0364	913.42	0.002	219.8	0.5317
365.40	0.009	193.9	0.0763	913.50	-0.012	217.1	0.2033
365.43	0.016	194.7	0.1101	913.58	-0.027	213.2	-0.0453
365.47	0.019	195.5	0.1394	913.67	-0.039	209.4	-0.2565
365.50	0.024	196.6	0.1394	913.75	-0.051	205.5	-0.4394
365.53	0.031	197.5	0.1766	913.83	-0.06	201.8	-0.5743
365.57	0.031	197.5	0.2121	913.92	-0.067	198.2	-0.6524
365.60	0.033	198.3	0.2423	914.00	-0.071	196.2	-0.7341
365.63	0.04	199.3	0.2778	914.08	-0.073	194.7	-0.7687
365.67	0.044	200	0.3053	914.18	-0.072	193.8	-0.7838
365.70	0.046	200.8	0.3293	914.25	-0.07	193.5	-0.7864
365.73	0.052	201.6	0.3293	914.33	-0.061	195.2	-0.7536
365.77	0.053	201.6	0.3551	914.42	-0.048	197.1	-0.7101
365.80	0.053	202.2	0.3728	914.50	-0.035	199.8	-0.6356
365.83	0.055	202.9	0.3914	914.58	-0.026	202.2	-0.545
365.87	0.06	203.6	0.4101	914.67	-0.01	205.5	-0.4101
365.90	0.061	204.2	0.4207	914.75	0.011	209	-0.2272
365.93	0.062	204.6	0.4305	914.83	0.025	214.2	-0.0275
365.97	0.063	205.1	0.4305	914.92	0.038	217.3	0.3284
366.00	0.064	205.1	0.4376	915.00	0.053	220.3	0.553
366.03	0.064	205.5	0.4429	915.08	0.064	222.8	0.7217
366.07	0.064	205.8	0.4456	915.17	0.072	224.8	0.845
366.10	0.063	206	0.4456	915.25	0.08	226.4	0.9347
366.13	0.062	206.2	0.4456	915.33	0.086	228.1	0.9924
366.17	0.061	206.4	0.4447	915.42	0.086	228.8	1.0243
366.20	0.059	206.4	0.4447	915.50	0.084	229.2	1.035
366.23	0.057	206.4	0.442	915.58	0.079	229.3	1.0288
366.27	0.057	206.5	0.4385	915.67	0.069	228.9	1.0181
366.30	0.055	206.4	0.4314	915.75	0.06	227.9	0.964
366.33	0.049	206.2	0.4243	915.83	0.049	227.1	0.9036
366.37	0.047	206.1	0.4163	915.92	0.033	225.3	0.8024
366.40	0.044	205.7	0.4057	916.00	0.021	223.1	0.6586
366.43	0.037	205.4	0.4057	916.08	0.006	221	0.4891
366.47	0.034	205.4	0.3906	916.17	-0.01	217.7	0.2601
366.50	0.034	205.1	0.3764	916.25	-0.03	212.3	0.0284
366.53	0.031	204.5	0.3577	916.33	-0.042	208.6	-0.2982
366.57	0.022	203.8	0.332	916.42	-0.053	204.7	-0.4696
366.60	0.02	203.3	0.3124	916.50	-0.06	201.6	-0.577
366.63	0.016	202.5	0.2823	916.58	-0.065	199.1	-0.6542
366.67	0.007	201.7	0.2823	916.67	-0.07	196.8	-0.7172
366.72	0.006	201.2	0.2281	916.75	-0.074	195	-0.7634
366.75	0.002	200.3	0.1979	916.83	-0.073	193.6	-0.7856
366.78	-0.006	199.4	0.1979	916.92	-0.07	193.8	-0.7838
366.82	-0.006	199.4	0.1598	917.00	-0.06	195.1	-0.7572
366.83	-0.009	198.7	0.126	917.10	-0.046	196.8	-0.7243
366.87	-0.015	197.5	0.0861	917.17	-0.033	200.3	-0.6648
366.90	-0.022	196.5	0.0506	917.25	-0.023	203	-0.5202
366.93	-0.024	195.7	0.0231	917.33	-0.008	206.2	-0.3755
366.97	-0.029	194.5	0.0231	917.42	0.007	209.8	-0.182
367.00	-0.034	193.5	-0.0098	917.50	0.02	213.2	0.0257
367.03	-0.034	193.5	-0.0382	917.58	0.036	216.5	0.2619
367.07	-0.036	192.7	-0.0621	917.67	0.056	219.6	0.498
367.10	-0.041	191.7	-0.0879	917.75	0.067	223.4	0.6702
367.13	-0.044	190.9	-0.1065	917.83	0.074	225.2	0.8663
367.17	-0.045	190.2	-0.1225	917.92	0.081	226.7	0.9498

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
367.20	-0.048	189.4	-0.1225	918.00	0.086	227.9	1.0048
367.23	-0.049	189.4	-0.1385	918.08	0.086	228.7	1.0279
367.27	-0.049	188.8	-0.1491	918.17	0.085	229.2	1.035
367.30	-0.05	188.3	-0.158	918.25	0.079	229.4	1.0323
367.33	-0.052	187.7	-0.1651	918.33	0.068	228.8	1.0163
367.37	-0.051	187.4	-0.1687	918.42	0.062	228.2	0.9684
367.40	-0.051	187.1	-0.1713	918.52	0.048	227	0.9081
367.43	-0.051	186.8	-0.1713	918.58	0.031	224.9	0.8379
367.47	-0.05	186.8	-0.1713	918.67	0.017	222.7	0.7154
367.50	-0.05	186.6	-0.1713	918.75	0.004	220.4	0.4456
367.53	-0.049	186.5	-0.1687	918.83	-0.013	217	0.2104
367.57	-0.045	186.6	-0.1651	918.92	-0.025	213.5	-0.0249
367.60	-0.044	186.7	-0.1607	919.00	-0.038	209.8	-0.237
367.63	-0.042	186.8	-0.1544	919.08	-0.05	205.8	-0.4243
367.67	-0.036	187.3	-0.1544	919.17	-0.061	201	-0.5486
367.70	-0.034	187.3	-0.1456	919.25	-0.066	198.6	-0.6338
367.73	-0.034	187.5	-0.1367	919.33	-0.07	196.5	-0.7261
367.77	-0.031	188	-0.1225	919.42	-0.073	194.7	-0.7678
367.80	-0.024	188.7	-0.1056	919.50	-0.074	193.8	-0.7864
367.83	-0.021	189.1	-0.0897	919.58	-0.072	193.5	-0.7891
367.87	-0.017	189.9	-0.0692	919.67	-0.058	194.4	-0.7722
367.90	-0.009	190.7	-0.0692	919.75	-0.045	197.8	-0.7279
367.93	-0.006	190.7	-0.0417	919.83	-0.037	200	-0.6293
367.97	-0.006	191.3	-0.0186	919.92	-0.022	202.8	-0.5264
368.00	-0.002	192.2	0.0115	920.02	-0.005	205.8	-0.4074
368.03	0.007	193.2	0.0497	920.08	0.01	210.6	-0.2521
368.07	0.01	193.9	0.0781	920.17	0.022	214.1	0.0781
368.10	0.014	194.9	0.1127	920.25	0.039	217.2	0.316
368.13	0.022	195.9	0.1127	920.33	0.053	220.3	0.545
368.18	0.023	196.6	0.1722	920.42	0.061	222.7	0.7021
368.22	0.027	197.5	0.2024	920.50	0.073	224.8	0.8406
368.25	0.035	198.4	0.2024	920.58	0.082	226.4	0.9329
368.28	0.035	198.4	0.2397	920.67	0.086	228.2	0.9888
368.30	0.038	199.1	0.2707	920.75	0.086	228.8	1.0314
368.33	0.042	200.1	0.3027	920.83	0.085	229.3	1.0368
368.37	0.048	200.9	0.3293	920.92	0.08	229.4	1.0306
368.40	0.049	201.5	0.3497	921.00	0.074	229.1	1.0128
368.43	0.053	202.3	0.3497	921.08	0.063	228.4	0.9826
368.47	0.057	203	0.371	921.17	0.045	226.6	0.924
368.50	0.057	203	0.3897	921.25	0.032	224.9	0.8468
368.53	0.057	203.5	0.4039	921.33	0.02	223.1	0.6453
368.57	0.061	204.2	0.4181	921.43	0.003	220.4	0.4545
368.60	0.062	204.7	0.4278	921.50	-0.015	216.4	0.2849
368.63	0.062	205.1	0.4358	921.58	-0.028	212.7	0.0612
368.67	0.063	205.5	0.4358	921.67	-0.041	209	-0.2805
368.70	0.064	205.5	0.4412	921.75	-0.052	204.9	-0.4616
368.73	0.064	205.9	0.4447	921.83	-0.06	201.7	-0.5743
368.77	0.063	206.1	0.4465	921.92	-0.065	199.1	-0.6542
368.80	0.062	206.3	0.4465	922.00	-0.07	196.8	-0.7199
368.83	0.061	206.5	0.4456	922.08	-0.074	194.3	-0.7651
368.87	0.06	206.6	0.442	922.17	-0.074	193.5	-0.7936
368.90	0.056	206.5	0.442	922.25	-0.071	193.4	-0.7891
368.93	0.054	206.5	0.4385	922.33	-0.058	195.4	-0.7589
368.97	0.054	206.5	0.4341	922.42	-0.051	197.1	-0.7181
369.00	0.052	206.4	0.4261	922.50	-0.038	199.2	-0.6542
369.03	0.046	206.1	0.4172	922.58	-0.019	202.1	-0.5566
369.07	0.044	205.9	0.4083	922.67	-0.005	206.9	-0.4349
369.10	0.041	205.6	0.3941	922.75	0.007	210.3	-0.1607
369.13	0.033	205.1	0.3941	922.83	0.023	213.7	0.0621
369.17	0.03	205.1	0.3755	922.93	0.041	216.7	0.253
369.20	0.03	204.7	0.363	923.00	0.055	221	0.4625
369.23	0.027	204.1	0.3391	923.08	0.064	223.3	0.7394
369.27	0.018	203.4	0.3107	923.17	0.074	225.2	0.8619

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
369.30	0.015	202.8	0.2876	923.25	0.082	226.8	0.9489
369.33	0.011	202	0.2565	923.33	0.084	227.9	0.9986
369.37	0.002	201.1	0.2565	923.42	0.087	228.8	1.0279
369.40	-0.001	201.1	0.2184	923.50	0.084	229.4	1.0368
369.43	-0.001	200.4	0.1908	923.58	0.078	229.4	1.0332
369.47	-0.005	199.4	0.1562	923.67	0.072	229.1	1.0075
369.50	-0.013	198.4	0.1154	923.75	0.06	228.2	0.9729
369.53	-0.016	197.6	0.0852	923.83	0.049	227	0.9089
369.57	-0.02	196.5	0.0506	923.92	0.038	225.7	0.8237
369.62	-0.025	195.7	0.0249	924.00	0.021	223.5	0.6826
369.65	-0.028	194.9	0.0018	924.08	-0.001	219.8	0.5095
369.68	-0.03	194	-0.0257	924.17	-0.013	216.6	0.3027
369.72	-0.036	192.8	-0.0257	924.25	-0.028	213.2	-0.0515
369.75	-0.04	192	-0.0586	924.35	-0.039	209.5	-0.2459
369.77	-0.04	192	-0.0808	924.42	-0.053	204.5	-0.395
369.80	-0.041	191.3	-0.0994	924.50	-0.06	201.5	-0.5743
369.83	-0.045	190.2	-0.1207	924.58	-0.065	198.9	-0.6586
369.87	-0.048	189.6	-0.1358	924.67	-0.07	196.6	-0.7252
				924.75	-0.073	194.7	-0.7705
				924.83	-0.074	193.7	-0.7909
				924.92	-0.07	193.4	-0.7936
				925.00	-0.057	195.5	-0.7749
				925.08	-0.049	197.2	-0.7092
				925.17	-0.035	199.8	-0.6373
				925.25	-0.023	202.7	-0.5344
				925.33	-0.011	205.6	-0.4021
				925.42	0.005	209.2	-0.2148
				925.50	0.027	212.8	-0.0027
				925.58	0.04	217.7	0.221
				925.67	0.052	220.4	0.5574
				925.75	0.065	223	0.7332
				925.83	0.075	225.6	0.8237
				925.92	0.082	227.1	0.9143
				926.00	0.085	228.1	1.0066
				926.08	0.086	228.9	1.0297
				926.17	0.085	229.4	1.035
				926.25	0.081	229.5	1.0297
				926.33	0.072	229.1	1.0137
				926.42	0.057	228	0.9826
				926.50	0.047	226.7	0.8921
				926.58	0.034	225.4	0.7971
				926.67	0.018	223.1	0.6462
				926.75	0.006	220.5	0.4642
				926.83	-0.01	217.8	0.2574
				926.92	-0.03	214.3	0.0275
				927.00	-0.042	208.6	-0.1882
				927.08	-0.053	204.7	-0.4696
				927.17	-0.06	201.5	-0.5814
				927.27	-0.067	199.1	-0.6577
				927.33	-0.071	196.1	-0.7128
				927.42	-0.073	194.5	-0.7722
				927.50	-0.073	193.6	-0.7891
				927.58	-0.071	193.4	-0.79
				927.67	-0.062	194.8	-0.7616
				927.75	-0.05	196.8	-0.7225
				927.83	-0.033	199.2	-0.6542
				927.92	-0.02	203.4	-0.5708
				928.00	-0.008	206.4	-0.3675
				928.08	0.008	210	-0.1722
				928.17	0.022	213.5	0.0497
				928.25	0.035	216.7	0.2769
				928.33	0.051	219.8	0.5086
				928.42	0.067	223.5	0.6897

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				928.50	0.076	225.5	0.822
				928.58	0.081	226.8	0.9551
				928.68	0.086	228	1.0066
				928.75	0.086	229.1	1.0288
				928.83	0.084	229.4	1.0368
				928.92	0.08	229.5	1.0288
				929.00	0.07	229	1.011
				929.08	0.063	228.2	0.9746
				929.17	0.051	227.4	0.9196
				929.25	0.036	225.6	0.8237
				929.33	0.015	222.6	0.695
				929.42	0.004	220.1	0.4394
				929.50	-0.012	217.2	0.2157
				929.58	-0.026	213.5	-0.0284
				929.67	-0.037	209.9	-0.2299
				929.75	-0.049	206	-0.4154
				929.83	-0.06	202.7	-0.5388
				929.92	-0.066	198.7	-0.6284
				930.00	-0.071	196.4	-0.7332
				930.08	-0.074	194.6	-0.7749
				930.18	-0.073	193.7	-0.7927
				930.25	-0.071	193.3	-0.7971
				930.33	-0.061	194.8	-0.7634
				930.42	-0.047	197.2	-0.7154
				930.50	-0.036	199.7	-0.6409
				930.58	-0.026	202.1	-0.5512
				930.67	-0.01	205.6	-0.4092
				930.75	0.011	210.7	-0.2272
				930.83	0.025	214.3	-0.0293
				930.92	0.038	217.3	0.3258
				931.00	0.053	220.4	0.5592
				931.08	0.064	222.9	0.7243
				931.17	0.072	224.8	0.8468
				931.25	0.081	226.5	0.9391
				931.33	0.086	228.2	0.9942
				931.42	0.086	229	1.0261
				931.50	0.084	229.3	1.0368
				931.60	0.079	229.4	1.0306
				931.67	0.068	228.9	1.0163
				931.75	0.06	228	0.9649
				931.83	0.049	227.1	0.9081
				931.92	0.033	225.4	0.8086
				932.00	0.022	223.4	0.6764
				932.08	0.007	221.1	0.5024
				932.17	-0.015	218	0.2725
				932.25	-0.029	212.8	0.0541
				932.33	-0.04	209.1	-0.2716
				932.42	-0.052	205	-0.4607
				932.50	-0.06	201.8	-0.5761
				932.58	-0.065	199.2	-0.656
				932.67	-0.07	196.9	-0.7199
				932.75	-0.074	195	-0.7651
				932.83	-0.073	193.6	-0.7882
				932.92	-0.071	193.6	-0.79
				933.00	-0.06	195.1	-0.7616
				933.10	-0.046	196.8	-0.7279
				933.17	-0.033	200.3	-0.6702
				933.25	-0.023	202.9	-0.5228
				933.33	-0.007	206.4	-0.3737
				933.42	0.007	209.9	-0.1829
				933.50	0.02	213.1	0.0222
				933.58	0.036	216.6	0.2672
				933.67	0.056	221.1	0.4997

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				933.75	0.066	223.5	0.6728
				933.83	0.074	225.3	0.869
				933.92	0.082	226.8	0.9533
				934.00	0.085	228	1.0039
				934.08	0.086	228.8	1.0297
				934.17	0.085	229.3	1.0368
				934.25	0.078	229.4	1.0341
				934.33	0.071	228.8	1.0048
				934.42	0.062	228.3	0.9729
				934.52	0.046	227.3	0.9223
				934.58	0.031	225	0.845
				934.67	0.02	223	0.648
				934.75	0.003	220.5	0.4589
				934.83	-0.011	217.3	0.2281
				934.92	-0.024	214.1	0.0009
				935.00	-0.038	210	-0.2281
				935.08	-0.053	206.3	-0.403
				935.17	-0.06	201.5	-0.5317
				935.25	-0.065	198.9	-0.6613
				935.33	-0.07	196.6	-0.7279
				935.42	-0.073	194.7	-0.7714
				935.50	-0.074	193.8	-0.7918
				935.58	-0.072	193.5	-0.7944
				935.67	-0.058	195.3	-0.7785
				935.75	-0.046	197.8	-0.735
				935.83	-0.037	199.8	-0.6356
				935.92	-0.021	202.9	-0.529
				936.00	-0.005	207	-0.4349
				936.08	0.009	210.7	-0.2583
				936.17	0.023	213.9	0.0772
				936.25	0.039	217.3	0.3187
				936.33	0.052	220.4	0.5415
				936.42	0.062	222.7	0.7048
				936.50	0.073	224.9	0.845
				936.58	0.083	227.2	0.9311
				936.67	0.085	228.2	1.0101
				936.75	0.086	229	1.0332
				936.83	0.084	229.4	1.0377
				936.92	0.081	229.4	1.0323
				937.00	0.074	229.2	1.0163
				937.08	0.059	228.4	0.9835
				937.17	0.044	226.7	0.9311
				937.25	0.035	225.1	0.7962
				937.33	0.019	223.2	0.656
				937.43	0.001	221	0.4997
				937.50	-0.014	216.7	0.3124
				937.58	-0.027	213.2	-0.0462
				937.67	-0.041	209.1	-0.2752
				937.75	-0.051	205.3	-0.4483
				937.83	-0.059	202	-0.5663
				937.92	-0.064	199.4	-0.648
				938.00	-0.072	197.1	-0.7154
				938.08	-0.074	194.4	-0.7651
				938.17	-0.073	193.6	-0.7936
				938.25	-0.071	193.5	-0.7927
				938.33	-0.058	195.4	-0.7598
				938.42	-0.051	196.9	-0.7199
				938.50	-0.037	199.4	-0.656
				938.58	-0.019	203.6	-0.561
				938.67	-0.006	206.9	-0.4385
				938.75	0.008	210.2	-0.1607
				938.85	0.024	213.9	0.0666
				938.92	0.042	218.1	0.245

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				939.00	0.054	221.1	0.4625
				939.08	0.064	223.2	0.7394
				939.17	0.075	225.4	0.8654
				939.25	0.081	226.9	0.9462
				939.33	0.085	228	1.0004
				939.42	0.087	228.8	1.0306
				939.50	0.084	229.5	1.0368
				939.58	0.079	229.4	1.0279
				939.67	0.072	229.2	1.0092
				939.75	0.059	228.2	0.972
				939.83	0.05	227	0.9107
				939.92	0.037	225.8	0.8282
				940.00	0.017	223.7	0.6932
				940.08	0.001	220	0.5281
				940.17	-0.011	217	0.2033
				940.25	-0.027	213.4	-0.0417
				940.35	-0.042	209.9	-0.2299
				940.42	-0.052	204.9	-0.379
				940.50	-0.059	201.7	-0.5716
				940.58	-0.065	199	-0.6595
				940.67	-0.07	196.7	-0.7252
				940.75	-0.073	194.8	-0.7705
				940.83	-0.074	193.8	-0.7918
				940.92	-0.071	193.5	-0.7953
				941.00	-0.058	195.4	-0.7793
				941.08	-0.049	197.2	-0.711
				941.17	-0.035	199.9	-0.6382
				941.25	-0.023	202.8	-0.5352
				941.33	-0.011	205.7	-0.403
				941.42	0.005	209.4	-0.213
				941.50	0.027	214.6	-0.0036
				941.58	0.04	217.9	0.2255
				941.67	0.052	220.5	0.5574
				941.77	0.065	223.1	0.7332
				941.83	0.076	225.8	0.8353
				941.92	0.082	227.3	0.9214
				942.00	0.085	228.2	1.0092
				942.08	0.087	229	1.0332
				942.17	0.085	229.4	1.0377
				942.25	0.081	229.6	1.0332
				942.33	0.07	229.2	1.0163
				942.42	0.057	228.1	0.9879
				942.50	0.049	226.8	0.901
				942.58	0.035	225.5	0.8086
				942.67	0.019	223.3	0.6569
				942.75	0.007	220.9	0.4882
				942.83	-0.009	217.9	0.2672
				942.92	-0.03	214.4	0.0284
				943.00	-0.041	208.7	-0.1882
				943.08	-0.053	204.8	-0.4713
				943.17	-0.06	201.6	-0.5814
				943.27	-0.067	199.2	-0.6569
				943.33	-0.071	196.2	-0.7128
				943.42	-0.073	194.6	-0.7731
				943.50	-0.073	193.7	-0.7891
				943.58	-0.071	193.5	-0.7909
				943.67	-0.062	194.8	-0.7634
				943.75	-0.05	196.9	-0.7234
				943.83	-0.033	199.3	-0.6542
				943.92	-0.02	203.5	-0.5708
				944.00	-0.008	206.5	-0.3666
				944.08	0.009	210.1	-0.1704
				944.17	0.022	213.6	0.0479

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				944.25	0.035	216.8	0.2752
				944.33	0.051	219.9	0.5113
				944.42	0.067	222.5	0.6897
				944.50	0.076	225.6	0.8246
				944.58	0.081	226.9	0.9569
				944.68	0.085	228.1	1.0057
				944.75	0.086	229.2	1.0306
				944.83	0.084	229.5	1.0385
				944.92	0.08	229.6	1.0314
				945.00	0.071	229.2	1.0119
				945.08	0.062	228.3	0.9764
				945.17	0.051	227.5	0.9205
				945.25	0.035	225.7	0.8264
				945.33	0.015	222.7	0.6959
				945.42	0.004	220.2	0.4394
				945.50	-0.012	217.2	0.2166
				945.58	-0.026	213.6	-0.0275
				945.67	-0.037	210	-0.2317
				945.75	-0.05	206	-0.4207
				945.83	-0.06	202.7	-0.5423
				945.92	-0.066	198.8	-0.6293
				946.00	-0.071	196.5	-0.7332
				946.08	-0.074	194.7	-0.7758
				946.17	-0.073	193.7	-0.7944
				946.25	-0.071	193.4	-0.7971
				946.33	-0.061	195	-0.7643
				946.42	-0.048	197.2	-0.7172
				946.50	-0.035	199.8	-0.6418
				946.58	-0.026	202.2	-0.5512
				946.67	-0.01	205.6	-0.4136
				946.75	0.011	210.8	-0.2308
				946.83	0.025	214.4	-0.0311
				946.92	0.038	217.4	0.324
				947.00	0.053	220.4	0.553
				947.08	0.064	223	0.7252
				947.17	0.072	224.9	0.8459
				947.25	0.08	226.6	0.9382
				947.33	0.086	228.3	0.995
				947.42	0.086	229	1.027
				947.50	0.084	229.4	1.0377
				947.60	0.079	229.5	1.0314
				947.67	0.069	229	1.0181
				947.75	0.06	228.1	0.9658
				947.83	0.049	227.2	0.9063
				947.92	0.033	225.3	0.8015
				948.00	0.021	223.2	0.6622
				948.08	0.006	221	0.4909
				948.17	-0.015	218	0.2769
				948.25	-0.029	212.8	0.0559
				948.33	-0.04	209.1	-0.2752
				948.42	-0.052	205.1	-0.4607
				948.50	-0.06	201.8	-0.577
				948.58	-0.065	199.2	-0.6569
				948.67	-0.07	196.9	-0.7217
				948.75	-0.074	195	-0.7687
				948.83	-0.073	193.7	-0.7909
				948.92	-0.071	193.5	-0.7927
				949.02	-0.059	195.1	-0.7651
				949.08	-0.046	196.8	-0.7305
				949.17	-0.033	200.4	-0.6719
				949.25	-0.023	203	-0.5246
				949.33	-0.007	206.4	-0.3772
				949.42	0.006	209.8	-0.1908

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				949.50	0.02	213.2	0.0222
				949.58	0.036	216.7	0.269
				949.67	0.056	221.1	0.4962
				949.75	0.066	223.5	0.6693
				949.83	0.074	225.3	0.8708
				949.92	0.082	226.9	0.9533
				950.00	0.085	228.1	1.0048
				950.08	0.086	228.8	1.0314
				950.17	0.085	229.3	1.0377
				950.25	0.078	229.4	1.0341
				950.33	0.071	228.8	1.0057
				950.42	0.061	228.3	0.9711
				950.52	0.046	227.3	0.9196
				950.58	0.031	225.1	0.8441
				950.67	0.02	222.9	0.6444
				950.75	0.004	220.6	0.4562
				950.83	-0.011	217.4	0.2299
				950.92	-0.024	214	0
				951.00	-0.038	210	-0.2334
				951.08	-0.052	206.4	-0.4003
				951.17	-0.059	201.7	-0.5237
				951.25	-0.065	199	-0.6613
				951.33	-0.071	196.6	-0.7314
				951.42	-0.074	194.7	-0.7767
				951.50	-0.074	193.8	-0.7953
				951.58	-0.072	193.5	-0.798
				951.67	-0.059	194.2	-0.7847
				951.75	-0.045	197.8	-0.7376
				951.83	-0.037	200	-0.6356
				951.93	-0.022	202.9	-0.5344
				952.00	-0.005	205.5	-0.427
				952.08	0.01	210.7	-0.2539
				952.17	0.023	214.1	0.0763
				952.25	0.039	217.4	0.3178
				952.33	0.052	220.4	0.5388
				952.42	0.061	222.8	0.7012
				952.50	0.073	224.9	0.845
				952.58	0.082	226.6	0.9365
				952.67	0.086	228.3	0.9915
				952.75	0.087	229	1.0341
				952.83	0.084	229.4	1.0385
				952.92	0.08	229.5	1.0323
				953.00	0.074	229.3	1.0155
				953.08	0.063	228.5	0.9853
				953.17	0.045	226.8	0.9258
				953.25	0.032	225	0.8486
				953.33	0.02	223.2	0.6471
				953.43	0.006	221	0.4935
				953.50	-0.015	216.5	0.2885
				953.58	-0.028	212.9	-0.0746
				953.67	-0.041	209	-0.2823
				953.75	-0.051	205.2	-0.4527
				953.83	-0.058	202.1	-0.561
				953.92	-0.064	199.6	-0.6462
				954.00	-0.071	197.2	-0.7137
				954.08	-0.074	194.5	-0.7625
				954.17	-0.073	193.7	-0.7936
				954.25	-0.071	193.5	-0.7936
				954.33	-0.061	194.8	-0.7714
				954.42	-0.052	196.9	-0.7243
				954.50	-0.038	199.3	-0.6586
				954.58	-0.019	202.2	-0.5592
				954.67	-0.005	207	-0.4385

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				954.75	0.007	210.3	-0.1651
				954.85	0.024	213.9	0.0639
				954.92	0.042	216.7	0.2459
				955.00	0.055	221.1	0.4616
				955.08	0.064	223.3	0.7403
				955.17	0.075	225.4	0.8672
				955.25	0.081	226.9	0.948
				955.33	0.084	228	1.0004
				955.42	0.087	228.9	1.0314
				955.50	0.084	229.6	1.0385
				955.58	0.079	229.5	1.0359
				955.67	0.072	229.3	1.011
				955.75	0.06	228.4	0.9755
				955.83	0.05	227.1	0.9107
				955.92	0.038	225.9	0.8246
				956.00	0.021	223.7	0.6844
				956.08	0	219.9	0.5139
				956.17	-0.013	216.8	0.1784
				956.25	-0.028	213.3	-0.0524
				956.33	-0.041	210.1	-0.2139
				956.42	-0.05	205.3	-0.3639
				956.50	-0.058	202.2	-0.553
				956.58	-0.064	199.3	-0.6489
				956.67	-0.07	196.8	-0.7243
				956.75	-0.073	194.8	-0.7731
				956.83	-0.074	193.8	-0.7944
				956.92	-0.071	193.5	-0.7971
				957.00	-0.063	194.4	-0.79
				957.08	-0.051	197.1	-0.719
				957.17	-0.036	199.8	-0.6435
				957.25	-0.022	202.8	-0.537
				957.33	-0.012	205.8	-0.4048
				957.42	0.005	209.3	-0.2201
				957.50	0.027	212.9	-0.0044
				957.58	0.041	217.8	0.2255
				957.67	0.052	220.7	0.5557
				957.77	0.065	223.2	0.7332
				957.83	0.076	225	0.8335
				957.92	0.082	227.2	0.9205
				958.00	0.085	228.3	1.011
				958.08	0.086	229.1	1.0341
				958.17	0.085	229.5	1.0385
				958.25	0.081	229.6	1.0323
				958.33	0.073	229.3	1.0172
				958.42	0.058	228.2	0.9844
				958.50	0.046	226.8	0.9329
				958.58	0.035	225.5	0.8024
				958.67	0.018	223.2	0.6506
				958.75	0.005	220.6	0.4625
				958.83	-0.009	217.9	0.2548
				958.92	-0.024	214.1	0.0036
				959.00	-0.043	208.4	-0.2157
				959.08	-0.052	205.1	-0.3906
				959.18	-0.058	202.1	-0.5601
				959.25	-0.064	199.7	-0.6391
				959.33	-0.071	196.3	-0.7066
				959.42	-0.073	194.7	-0.7722
				959.50	-0.073	193.9	-0.7873
				959.58	-0.071	193.7	-0.7882
				959.67	-0.066	194.1	-0.7793
				959.75	-0.054	196	-0.7385
				959.83	-0.033	199.1	-0.6595
				959.92	-0.019	203.5	-0.5681

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				960.00	-0.009	206.6	-0.3666
				960.08	0.008	210	-0.1749
				960.17	0.023	213.6	0.0541
				960.25	0.035	216.9	0.2761
				960.33	0.05	219.9	0.5042
				960.42	0.067	222.5	0.6924
				960.50	0.076	225.6	0.8246
				960.58	0.081	227	0.9569
				960.68	0.085	228.1	1.0066
				960.75	0.086	228.9	1.0314
				960.83	0.084	229.6	1.0403
				960.92	0.08	229.6	1.0314
				961.00	0.071	229.2	1.0137
				961.08	0.061	228.4	0.9773
				961.17	0.052	227.5	0.924
				961.25	0.036	225.8	0.8299
				961.33	0.015	222.8	0.6986
				961.42	0.002	220	0.5326
				961.50	-0.012	217.2	0.205
				961.58	-0.027	213.4	-0.0462
				961.67	-0.039	209.6	-0.2539
				961.75	-0.048	206.3	-0.4039
				961.83	-0.056	203.2	-0.5184
				961.92	-0.066	199	-0.6169
				962.00	-0.071	196.5	-0.735
				962.10	-0.074	194.7	-0.7793
				962.17	-0.073	193.7	-0.798
				962.25	-0.071	193.4	-0.8007
				962.33	-0.065	194	-0.7873
				962.42	-0.051	196.5	-0.735
				962.50	-0.036	199.6	-0.6471
				962.58	-0.026	202.3	-0.5512
				962.67	-0.01	205.6	-0.4145
				962.75	0.011	209.1	-0.2334
				962.83	0.025	214.3	-0.0284
				962.92	0.038	217.4	0.3258
				963.00	0.053	220.5	0.553
				963.08	0.064	223.1	0.7288
				963.17	0.072	225	0.8486
				963.25	0.08	226.6	0.9391
				963.33	0.086	228.3	0.9968
				963.42	0.086	229.1	1.027
				963.50	0.084	229.4	1.0385
				963.60	0.081	229.6	1.0359
				963.67	0.068	229	1.0181
				963.75	0.06	228.1	0.9666
				963.83	0.049	227.2	0.9063
				963.92	0.033	225.4	0.8042
				964.00	0.021	223.3	0.6648
				964.08	0.006	221.1	0.4909
				964.17	-0.01	217.8	0.2601
				964.25	-0.03	212.5	0.0293
				964.33	-0.04	209.1	-0.2769
				964.42	-0.05	205.7	-0.4243
				964.50	-0.057	202.8	-0.5352
				964.58	-0.063	200	-0.6276
				964.67	-0.069	197.5	-0.7057
				964.75	-0.073	195.5	-0.7589
				964.83	-0.073	193.9	-0.7847
				964.92	-0.071	193.7	-0.79
				965.02	-0.066	194.2	-0.7793
				965.08	-0.051	195.3	-0.7589
				965.17	-0.034	200	-0.6826

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				965.25	-0.023	202.9	-0.5237
				965.33	-0.007	206.3	-0.3755
				965.42	0.007	209.9	-0.1864
				965.50	0.02	213.2	0.0257
				965.58	0.036	216.7	0.2672
				965.67	0.056	219.8	0.4997
				965.75	0.066	223.5	0.6728
				965.83	0.074	225.4	0.8717
				965.92	0.081	226.9	0.9533
				966.00	0.085	228.1	1.0066
				966.08	0.086	228.9	1.0332
				966.17	0.085	229.3	1.0394
				966.25	0.078	229.4	1.0359
				966.33	0.07	228.9	1.0208
				966.42	0.062	228.4	0.9737
				966.52	0.051	227.5	0.9338
				966.58	0.03	225	0.8379
				966.67	0.02	223	0.6462
				966.75	0.004	220.6	0.4571
				966.83	-0.011	217.4	0.2281
				966.92	-0.024	214.1	0.008
				967.00	-0.037	210.2	-0.2237
				967.08	-0.051	206.8	-0.3817
				967.17	-0.058	202.3	-0.4997
				967.25	-0.064	199.4	-0.648
				967.33	-0.07	196.8	-0.7279
				967.42	-0.073	194.8	-0.7749
				967.50	-0.074	193.8	-0.7971
				967.58	-0.072	193.5	-0.7989
				967.67	-0.064	193.7	-0.7918
				967.75	-0.049	196.9	-0.7598
				967.83	-0.037	199.7	-0.6409
				967.93	-0.022	202.9	-0.5361
				968.00	-0.005	205.5	-0.4287
				968.08	0.01	210.6	-0.2583
				968.17	0.023	214	0.0746
				968.25	0.039	217.4	0.316
				968.33	0.052	220.4	0.5379
				968.42	0.062	222.8	0.7074
				968.50	0.073	225	0.8459
				968.58	0.082	227.2	0.9311
				968.67	0.086	228.3	0.9906
				968.75	0.086	229.1	1.035
				968.83	0.084	229.5	1.0394
				968.92	0.081	229.5	1.0341
				969.00	0.074	229.3	1.0155
				969.08	0.062	228.5	0.9844
				969.17	0.045	226.8	0.9294
				969.25	0.033	225	0.8486
				969.35	0.019	223.2	0.6471
				969.42	0.006	221.1	0.506
				969.50	-0.015	216.5	0.284
				969.58	-0.027	213.2	-0.0506
				969.67	-0.039	209.5	-0.2539
				969.75	-0.048	206.3	-0.3959
				969.83	-0.055	203.3	-0.5122
				969.92	-0.062	200.4	-0.6151
				970.00	-0.071	197.6	-0.703
				970.08	-0.074	194.6	-0.7625
				970.17	-0.074	193.8	-0.7962
				970.25	-0.071	193.5	-0.7971
				970.33	-0.067	193.9	-0.7873
				970.42	-0.06	195.1	-0.7634

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				970.50	-0.042	198.1	-0.6879
				970.58	-0.019	201.7	-0.5708
				970.67	-0.006	206.8	-0.442
				970.75	0.007	210.1	-0.166
				970.85	0.021	213.4	0.0275
				970.92	0.042	218.1	0.2406
				971.00	0.054	221	0.4678
				971.08	0.064	223.3	0.743
				971.17	0.075	225.4	0.869
				971.25	0.081	226.9	0.9498
				971.33	0.084	228	1.0013
				971.42	0.086	228.9	1.0314
				971.50	0.084	229.5	1.0394
				971.58	0.079	229.4	1.0306
				971.67	0.072	229.2	1.011
				971.75	0.06	228.3	0.9746
				971.83	0.051	227.1	0.9169
				971.92	0.038	225.8	0.8308
				972.00	0.016	223.8	0.6932
				972.08	0.001	220	0.5308
				972.17	-0.011	217.1	0.2068
				972.27	-0.027	213.4	-0.0435
				972.33	-0.041	210.4	-0.2015
				972.42	-0.049	205.7	-0.3506
				972.50	-0.057	202.6	-0.5406
				972.58	-0.064	199.6	-0.6435
				972.67	-0.07	196.8	-0.7261
				972.75	-0.074	194.8	-0.7758
				972.83	-0.074	193.7	-0.798
				972.92	-0.071	193.4	-0.8015
				973.00	-0.065	194.1	-0.7944
				973.08	-0.054	196.3	-0.7376
				973.17	-0.036	199.4	-0.6542
				973.25	-0.023	202.6	-0.5406
				973.33	-0.012	205.7	-0.4074
				973.42	0.005	209.3	-0.2184
				973.50	0.027	212.9	-0.0036
				973.58	0.041	217.8	0.2255
				973.67	0.052	220.6	0.5557
				973.77	0.063	222.9	0.7074
				973.83	0.077	225.7	0.8388
				973.92	0.082	227.2	0.9249
				974.00	0.085	228.2	1.0101
				974.08	0.086	229	1.0332
				974.17	0.085	229.5	1.0385
				974.25	0.081	229.6	1.0332
				974.33	0.072	229.3	1.0172
				974.42	0.057	228.1	0.9862
				974.50	0.048	226.8	0.8965
				974.58	0.034	225.5	0.8007
				974.67	0.018	223.2	0.6489
				974.75	0.006	220.7	0.4678
				974.83	-0.009	217.9	0.253
				974.92	-0.024	214.2	0.0062
				975.00	-0.04	209	-0.1971
				975.08	-0.048	206.1	-0.403
				975.18	-0.056	203.1	-0.5193
				975.25	-0.065	200.4	-0.6125
				975.33	-0.071	196.5	-0.695
				975.42	-0.074	194.6	-0.7793
				975.50	-0.074	193.6	-0.7989
				975.58	-0.072	193.4	-0.8007
				975.67	-0.067	193.8	-0.7909

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				975.75	-0.06	194.8	-0.7705
				975.83	-0.037	197.6	-0.7066
				975.92	-0.021	202.9	-0.5921
				976.00	-0.009	206.2	-0.3746
				976.08	0.008	209.9	-0.1749
				976.17	0.022	213.5	0.047
				976.25	0.035	216.8	0.2734
				976.33	0.051	219.8	0.5086
				976.42	0.067	222.5	0.6924
				976.50	0.076	225.5	0.8255
				976.58	0.08	226.9	0.956
				976.68	0.084	228	1.0013
				976.75	0.086	229.2	1.0297
				976.83	0.084	229.5	1.0394
				976.92	0.08	229.6	1.0314
				977.00	0.071	229.2	1.0137
				977.08	0.061	228.4	0.9773
				977.17	0.052	227.5	0.924
				977.25	0.036	225.8	0.8308
				977.33	0.015	222.8	0.6977
				977.42	0.002	220	0.5361
				977.50	-0.012	217.2	0.2042
				977.58	-0.027	213.5	-0.0408
				977.67	-0.038	209.9	-0.2352
				977.75	-0.047	206.7	-0.3772
				977.83	-0.055	203.6	-0.5024
				977.92	-0.065	199.1	-0.6107
				978.00	-0.071	196.4	-0.7385
				978.10	-0.074	194.6	-0.782
				978.17	-0.073	193.6	-0.8007
				978.25	-0.071	193.3	-0.8024
				978.33	-0.066	193.9	-0.7882
				978.42	-0.055	195.6	-0.7527
				978.50	-0.038	198.9	-0.6648
				978.58	-0.026	202	-0.553
				978.67	-0.011	205.4	-0.4163
				978.75	0.011	209	-0.2272
				978.83	0.025	214.3	-0.0266
				978.92	0.038	217.4	0.3293
				979.00	0.053	220.4	0.5548
				979.08	0.064	223	0.727
				979.17	0.072	225	0.8539
				979.25	0.08	226.5	0.9427
				979.33	0.086	228.3	1.0013
				979.42	0.086	229	1.0314
				979.52	0.084	229.4	1.043
				979.58	0.081	229.6	1.0394
				979.67	0.068	229	1.0217
				979.75	0.06	228.1	0.972
				979.83	0.049	227.2	0.9107
				979.92	0.033	225.4	0.8069
				980.00	0.021	223.3	0.6675
				980.08	0.006	221.1	0.4989
				980.17	-0.015	218.1	0.2823
				980.25	-0.028	213.1	0.0612
				980.33	-0.038	209.9	-0.2246
				980.42	-0.046	206.8	-0.3666
				980.50	-0.054	203.6	-0.4989
				980.58	-0.062	200.4	-0.6142
				980.67	-0.069	197.3	-0.7128
				980.75	-0.075	195	-0.7731
				980.83	-0.074	193.5	-0.7989
				980.92	-0.072	193.4	-0.8024

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				981.02	-0.066	193.8	-0.7918
				981.08	-0.056	194.7	-0.774
				981.17	-0.04	198.7	-0.7208
				981.25	-0.025	202.2	-0.5459
				981.33	-0.008	205.9	-0.3879
				981.42	0.007	209.6	-0.1882
				981.50	0.02	213	0.0249
				981.58	0.036	216.6	0.2654
				981.67	0.056	221	0.4971
				981.75	0.066	223.4	0.6728
				981.83	0.074	225.3	0.8717
				981.92	0.082	226.8	0.9569
				982.00	0.085	228	1.0048
				982.08	0.086	228.8	1.0314
				982.17	0.085	229.3	1.0394
				982.25	0.078	229.4	1.0359
				982.33	0.07	228.9	1.0208
				982.42	0.062	228.3	0.9729
				982.50	0.051	227.4	0.9329
				982.58	0.03	224.9	0.8362
				982.67	0.018	222.7	0.6284
				982.75	0.003	220.4	0.4465
				982.83	-0.012	217.1	0.2068
				982.92	-0.026	213.7	-0.0204
				983.00	-0.037	210.2	-0.213
				983.08	-0.049	207.2	-0.3497
				983.17	-0.057	202.6	-0.4749
				983.25	-0.064	199.5	-0.6444
				983.33	-0.07	196.7	-0.7305
				983.42	-0.074	194.7	-0.7793
				983.50	-0.074	193.6	-0.8007
				983.58	-0.072	193.4	-0.8024
				983.67	-0.064	193.6	-0.7953
				983.75	-0.055	195.7	-0.7758
				983.83	-0.04	198.9	-0.6657
				983.93	-0.026	201.8	-0.5708
				984.00	-0.005	205.2	-0.4314
				984.08	0.01	210.4	-0.2556
				984.17	0.023	213.9	0.0763
				984.25	0.039	217.3	0.3142
				984.33	0.052	220.3	0.5415
				984.42	0.062	222.7	0.7066
				984.50	0.073	224.9	0.845
				984.58	0.082	227.1	0.9329
				984.67	0.086	228.2	0.995
				984.75	0.086	229	1.0377
				984.83	0.084	229.4	1.0412
				984.92	0.081	229.4	1.035
				985.00	0.074	229.2	1.0172
				985.08	0.062	228.4	0.9862
				985.17	0.044	226.7	0.9302
				985.25	0.033	225	0.7873
				985.35	0.019	223.2	0.6515
				985.42	0.001	221.1	0.5193
				985.50	-0.013	216.7	0.3098
				985.58	-0.027	213.2	-0.0462
				985.67	-0.037	210	-0.2157
				985.75	-0.045	207	-0.3542
				985.83	-0.054	203.8	-0.49
				985.92	-0.062	200.6	-0.608
				986.00	-0.071	197.5	-0.7057
				986.08	-0.074	194.3	-0.7714
				986.17	-0.074	193.5	-0.8051

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				986.25	-0.072	193.3	-0.806
				986.33	-0.067	193.7	-0.7953
				986.42	-0.06	194.8	-0.774
				986.50	-0.047	197	-0.7243
				986.58	-0.022	202.4	-0.6116
				986.67	-0.008	206.2	-0.4669
				986.75	0.007	209.8	-0.1749
				986.85	0.02	212.9	-0.0089
				986.92	0.042	217.9	0.2388
				987.00	0.054	220.9	0.4704
				987.08	0.064	223.1	0.7359
				987.17	0.075	225.3	0.8681
				987.25	0.081	226.8	0.9489
				987.33	0.085	227.9	1.0039
				987.42	0.086	228.8	1.0323
				987.50	0.084	229.5	1.0394
				987.58	0.08	229.4	1.0314
				987.67	0.072	229.1	1.0137
				987.75	0.059	228.2	0.9746
				987.83	0.052	227.1	0.9178
				987.92	0.037	225.8	0.8317
				988.00	0.016	223.7	0.6941
				988.08	0.001	220	0.5326
				988.17	-0.012	217	0.2033
				988.27	-0.027	213.4	-0.0364
				988.33	-0.039	210.5	-0.1882
				988.42	-0.047	206.1	-0.3267
				988.50	-0.056	203	-0.5219
				988.58	-0.063	199.8	-0.6338
				988.67	-0.07	196.8	-0.727
				988.75	-0.074	194.7	-0.7802
				988.83	-0.074	193.6	-0.8033
				988.92	-0.071	193.3	-0.806
				989.00	-0.065	193.9	-0.7998
				989.08	-0.058	195.1	-0.7651
				989.17	-0.041	198.2	-0.6888
				989.25	-0.025	202	-0.5619
				989.33	-0.012	205.3	-0.4163
				989.42	0.005	209.1	-0.2201
				989.50	0.027	214.4	-0.0062
				989.58	0.04	217.7	0.2237
				989.68	0.052	220.4	0.5583
				989.75	0.062	222.7	0.6906
				989.83	0.077	225.7	0.8415
				989.92	0.082	227.2	0.9294
				990.00	0.085	228.2	1.0119
				990.08	0.086	229	1.0359
				990.17	0.085	229.4	1.0412
				990.25	0.081	229.6	1.0359
				990.33	0.072	229.3	1.019
				990.42	0.057	228.1	0.9879
				990.50	0.048	226.8	0.8992
				990.58	0.035	225.5	0.8042
				990.67	0.018	223.2	0.648
				990.75	0.006	220.7	0.4722
				990.83	-0.01	217.8	0.2548
				990.92	-0.029	214.3	0.0178
				991.00	-0.038	209.7	-0.1598
				991.08	-0.046	206.7	-0.3666
				991.18	-0.054	203.7	-0.4918
				991.25	-0.064	200.8	-0.5974
				991.33	-0.071	196.5	-0.6932
				991.42	-0.074	194.5	-0.7838

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				991.50	-0.074	193.6	-0.8033
				991.58	-0.072	193.3	-0.8051
				991.67	-0.067	193.7	-0.7953
				991.75	-0.06	194.7	-0.7749
				991.83	-0.042	196.6	-0.735
				991.92	-0.026	201.8	-0.632
				992.00	-0.011	205.5	-0.4012
				992.08	0.007	209.5	-0.1935
				992.17	0.022	213.3	0.0426
				992.25	0.035	216.5	0.2752
				992.33	0.051	219.7	0.5113
				992.42	0.067	223.5	0.6897
				992.50	0.076	225.5	0.8255
				992.58	0.08	226.8	0.9587
				992.67	0.085	227.9	1.0021
				992.75	0.086	229.1	1.0297
				992.83	0.084	229.5	1.0394
				992.92	0.08	229.6	1.0323
				993.00	0.07	229.1	1.0137
				993.08	0.063	228.3	0.9782
				993.17	0.052	227.4	0.9267
				993.25	0.031	225.7	0.8326
				993.33	0.016	222.8	0.7146
				993.42	0.004	220.3	0.4456
				993.50	-0.012	217.2	0.2121
				993.58	-0.025	213.8	-0.0115
				993.67	-0.036	210.5	-0.1971
				993.75	-0.045	207.4	-0.3426
				993.83	-0.057	204.3	-0.474
				993.92	-0.064	199.5	-0.5929
				994.00	-0.071	196.6	-0.7359
				994.10	-0.074	194.6	-0.7864
				994.17	-0.073	193.6	-0.806
				994.25	-0.071	193.3	-0.8086
				994.33	-0.066	193.9	-0.7944
				994.42	-0.058	195	-0.7714
				994.50	-0.044	197.9	-0.703
				994.58	-0.028	201.3	-0.5814
				994.67	-0.011	205.2	-0.4261
				994.75	0.011	210.6	-0.237
				994.83	0.025	214.3	-0.0302
				994.92	0.038	217.3	0.3302
				995.00	0.053	220.4	0.5601
				995.08	0.063	223	0.7252
				995.17	0.072	224.9	0.8504
				995.25	0.081	226.6	0.9444
				995.33	0.086	228.3	1.0013
				995.42	0.086	229	1.0385
				995.52	0.084	229.4	1.043
				995.58	0.079	229.6	1.0403
				995.67	0.068	229	1.0243
				995.75	0.062	228.1	0.9755
				995.83	0.049	227.2	0.9134
				995.92	0.033	225.5	0.8113
				996.00	0.023	223.5	0.687
				996.08	0.006	221.2	0.5033
				996.17	-0.015	218.1	0.2814
				996.25	-0.027	213.3	0.0604
				996.33	-0.036	210.2	-0.2068
				996.42	-0.045	207.2	-0.3488
				996.50	-0.053	204	-0.4838
				996.58	-0.061	200.8	-0.6045
				996.67	-0.069	197.6	-0.7083

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				996.75	-0.075	195.1	-0.774
				996.83	-0.074	193.5	-0.8051
				996.92	-0.072	193.3	-0.8086
				997.02	-0.067	193.7	-0.8007
				997.08	-0.057	195.2	-0.782
				997.17	-0.046	197.7	-0.7483
				997.25	-0.029	201	-0.5929
				997.33	-0.012	205	-0.4367
				997.42	0.004	209	-0.2255
				997.50	0.019	212.6	0.0062
				997.58	0.036	216.4	0.269
				997.67	0.056	220.9	0.5015
				997.75	0.065	223.4	0.6728
				997.83	0.074	225.2	0.8761
				997.92	0.082	226.8	0.9613
				998.00	0.085	228	1.0092
				998.08	0.086	228.7	1.035
				998.17	0.084	229.3	1.0421
				998.25	0.078	229.4	1.0385
				998.33	0.072	228.9	1.011
				998.43	0.062	228.3	0.9826
				998.50	0.046	227.4	0.9311
				998.58	0.031	225.1	0.8468
				998.67	0.02	223	0.6498
				998.75	0.003	220.6	0.458
				998.83	-0.01	217.4	0.2334
				998.92	-0.024	214.1	0.0027
				999.00	-0.035	210.7	-0.182
				999.08	-0.048	207.7	-0.3267
				999.17	-0.056	203	-0.4607
				999.25	-0.064	199.8	-0.6382
				999.33	-0.07	196.8	-0.7314
				999.42	-0.074	194.7	-0.7856
				999.50	-0.074	193.6	-0.8069
				999.58	-0.072	193.4	-0.8086
				999.67	-0.065	194.1	-0.8015
				999.75	-0.057	195.3	-0.782
				999.83	-0.044	197.8	-0.6986
				999.92	-0.03	200.9	-0.6098
				1000.00	-0.006	206.5	-0.4545
				1000.08	0.009	210.4	-0.1527
				1000.17	0.024	213.8	0.0737
				1000.25	0.039	217.3	0.3231
				1000.33	0.051	220.4	0.5441
				1000.42	0.062	222.6	0.7048
				1000.50	0.076	224.9	0.8512
				1000.58	0.082	227.2	0.9302
				1000.67	0.085	228.2	1.0128
				1000.75	0.087	229	1.0385
				1000.83	0.084	229.4	1.0421
				1000.92	0.081	229.5	1.0368
				1001.00	0.074	229.3	1.0208
				1001.08	0.059	228.5	0.9879
				1001.17	0.045	226.8	0.9382
				1001.25	0.035	225.2	0.8042
				1001.35	0.022	223.6	0.6835
				1001.42	0	221.2	0.5148
				1001.50	-0.013	216.8	0.308
				1001.58	-0.026	213.5	-0.032
				1001.67	-0.036	210.4	-0.1935
				1001.75	-0.044	207.5	-0.3338
				1001.83	-0.052	204.4	-0.4696
				1001.92	-0.061	201.1	-0.5938

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1002.00	-0.071	197.9	-0.6995
				1002.08	-0.074	194.4	-0.7705
				1002.17	-0.074	193.6	-0.8086
				1002.25	-0.072	193.3	-0.8095
				1002.33	-0.067	193.8	-0.798
				1002.42	-0.06	194.9	-0.7767
				1002.50	-0.052	196.4	-0.7438
				1002.58	-0.026	201.5	-0.6453
				1002.67	-0.011	205.4	-0.5033
				1002.75	0.005	209.2	-0.205
				1002.83	0.018	212.5	-0.0266
				1002.92	0.042	217.8	0.2352
				1003.00	0.054	220.8	0.4713
				1003.08	0.064	223.1	0.7412
				1003.17	0.075	225.3	0.8708
				1003.25	0.081	226.8	0.9507
				1003.33	0.084	227.9	1.0039
				1003.42	0.086	228.8	1.035
				1003.50	0.084	229.4	1.043
				1003.58	0.079	229.4	1.0332
				1003.67	0.072	229.2	1.0146
				1003.75	0.06	228.2	0.9782
				1003.83	0.052	227.1	0.9231
				1003.92	0.038	225.8	0.8353
				1004.00	0.016	223.8	0.6959
				1004.08	0.001	220	0.5344
				1004.17	-0.011	217.1	0.2095
				1004.27	-0.024	214	0.0062
				1004.33	-0.037	211	-0.1562
				1004.42	-0.046	206.7	-0.2965
				1004.50	-0.054	203.6	-0.4944
				1004.58	-0.062	200.4	-0.6134
				1004.67	-0.069	197.3	-0.7137
				1004.75	-0.074	194.9	-0.7802
				1004.83	-0.075	193.7	-0.8069
				1004.92	-0.071	193.4	-0.8095
				1005.00	-0.065	194.1	-0.8024
				1005.08	-0.057	195.4	-0.7669
				1005.17	-0.048	197.1	-0.727
				1005.25	-0.032	200.6	-0.6178
				1005.33	-0.016	204.2	-0.4687
				1005.42	0.001	208.2	-0.2734
				1005.50	0.026	214	-0.0373
				1005.58	0.04	217.6	0.2148
				1005.68	0.052	220.3	0.561
				1005.75	0.062	222.6	0.6932
				1005.83	0.077	225.7	0.8397
				1005.92	0.082	227.1	0.9302
				1006.00	0.085	228.2	1.0137
				1006.08	0.087	229	1.0377
				1006.17	0.085	229.4	1.043
				1006.25	0.081	229.6	1.0359
				1006.33	0.072	229.2	1.0199
				1006.42	0.057	228	0.9897
				1006.50	0.049	226.8	0.9036
				1006.58	0.034	225.5	0.8095
				1006.67	0.019	223.3	0.6613
				1006.75	0.007	221	0.4935
				1006.83	-0.009	218	0.2654
				1006.92	-0.026	214.9	0.0657
				1007.00	-0.035	210.6	-0.0976
				1007.08	-0.043	207.8	-0.3169
				1007.18	-0.05	205	-0.4412

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1007.25	-0.062	202	-0.553
				1007.33	-0.069	197.2	-0.6675
				1007.42	-0.074	194.7	-0.7847
				1007.50	-0.075	193.6	-0.8086
				1007.58	-0.072	193.3	-0.8104
				1007.67	-0.067	193.8	-0.7998
				1007.75	-0.06	194.8	-0.7793
				1007.83	-0.048	196.2	-0.7501
				1007.92	-0.035	199.8	-0.6986
				1008.00	-0.02	203.3	-0.5024
				1008.08	-0.002	207.3	-0.3169
				1008.17	0.014	211.3	-0.0852
				1008.25	0.03	215.2	0.1873
				1008.33	0.048	218.8	0.4713
				1008.42	0.068	223.1	0.6986
				1008.50	0.076	225.2	0.8308
				1008.60	0.081	226.6	0.9551
				1008.67	0.085	227.7	0.9995
				1008.75	0.086	229	1.0306
				1008.83	0.084	229.3	1.0412
				1008.92	0.08	229.4	1.0332
				1009.00	0.07	229	1.0155
				1009.08	0.062	228.2	0.98
				1009.17	0.051	227.4	0.9249
				1009.25	0.036	225.7	0.8308
				1009.33	0.015	222.6	0.7021
				1009.42	0.002	220	0.4261
				1009.50	-0.012	217	0.2059
				1009.58	-0.024	213.9	0.0018
				1009.67	-0.033	210.9	-0.1562
				1009.75	-0.042	208.2	-0.2982
				1009.83	-0.054	205.1	-0.4341
				1009.92	-0.062	200.3	-0.5583
				1010.00	-0.069	197.2	-0.7199
				1010.08	-0.074	194.9	-0.7811
				1010.17	-0.073	193.8	-0.8024
				1010.25	-0.07	193.5	-0.8051
				1010.33	-0.065	194.2	-0.79
				1010.42	-0.057	195.3	-0.7669
				1010.50	-0.049	196.9	-0.7314
				1010.58	-0.041	198.7	-0.6808
				1010.67	-0.024	202	-0.5645
				1010.75	0	207.8	-0.3914
				1010.83	0.016	211.8	-0.1713
				1010.92	0.032	215.6	0.2246
				1011.00	0.051	219.3	0.5122
				1011.08	0.064	222.4	0.7314
				1011.17	0.072	224.4	0.8566
				1011.25	0.081	226.2	0.9453
				1011.33	0.086	228	1.0004
				1011.42	0.086	228.7	1.0314
				1011.52	0.085	229.2	1.0439
				1011.58	0.079	229.4	1.0403
				1011.67	0.068	228.8	1.0252
				1011.75	0.061	228	0.9737
				1011.83	0.049	227	0.9143
				1011.92	0.034	225.4	0.814
				1012.00	0.023	223.4	0.6844
				1012.08	0.006	221.1	0.5015
				1012.17	-0.014	218.1	0.2885
				1012.25	-0.024	213.8	0.0861
				1012.33	-0.033	211	-0.1491
				1012.42	-0.041	208.2	-0.292

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1012.50	-0.049	205.2	-0.427
				1012.58	-0.057	202.1	-0.5494
				1012.67	-0.066	198.8	-0.6666
				1012.75	-0.075	195.8	-0.7607
				1012.83	-0.075	193.5	-0.8051
				1012.92	-0.072	193.3	-0.8122
				1013.00	-0.068	193.7	-0.8042
				1013.08	-0.057	195.2	-0.7847
				1013.17	-0.049	196.7	-0.7563
				1013.25	-0.04	198.6	-0.6782
				1013.33	-0.023	202.3	-0.553
				1013.42	-0.008	206.2	-0.3764
				1013.50	0.009	210	-0.1562
				1013.58	0.026	214	0.1056
				1013.67	0.052	219.5	0.3888
				1013.75	0.065	222.8	0.7616
				1013.83	0.075	224.7	0.8805
				1013.92	0.081	226.4	0.9551
				1014.00	0.084	227.6	1.0048
				1014.08	0.086	228.4	1.035
				1014.17	0.084	229	1.043
				1014.25	0.078	229.2	1.0394
				1014.33	0.072	228.7	1.0128
				1014.43	0.063	228.3	0.9862
				1014.50	0.046	227.1	0.9294
				1014.58	0.031	224.9	0.8504
				1014.67	0.02	222.9	0.6506
				1014.75	0.003	220.3	0.4527
				1014.83	-0.01	217.4	0.2406
				1014.92	-0.022	214.4	0.0417
				1015.00	-0.031	211.6	-0.1189
				1015.08	-0.044	208.8	-0.2619
				1015.17	-0.052	204.4	-0.3994
				1015.25	-0.059	201.3	-0.577
				1015.33	-0.067	198.2	-0.687
				1015.42	-0.073	195.4	-0.7678
				1015.50	-0.074	193.9	-0.8015
				1015.58	-0.072	193.6	-0.806
				1015.67	-0.064	194.3	-0.798
				1015.75	-0.057	195.6	-0.7785
				1015.85	-0.048	197.1	-0.7288
				1015.92	-0.042	198.5	-0.6906
				1016.00	-0.022	202.6	-0.6116
				1016.08	-0.008	206.5	-0.3684
				1016.17	0.01	210.2	-0.1482
				1016.25	0.027	214.2	0.1136
				1016.33	0.042	218.1	0.4003
				1016.42	0.06	221.3	0.6657
				1016.50	0.076	224.1	0.853
				1016.58	0.082	226.5	0.9329
				1016.67	0.085	227.7	1.0155
				1016.75	0.086	228.5	1.0385
				1016.83	0.084	229	1.043
				1016.92	0.081	229.2	1.0385
				1017.00	0.074	229	1.0217
				1017.08	0.058	228.2	0.9888
				1017.17	0.045	226.5	0.9409
				1017.25	0.035	225.1	0.806
				1017.35	0.022	223.4	0.687
				1017.42	0.001	221.1	0.521
				1017.50	-0.012	216.8	0.3071
				1017.58	-0.023	214.1	0.0311
				1017.67	-0.031	211.4	-0.1198

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1017.75	-0.039	208.7	-0.2601
				1017.83	-0.047	205.8	-0.395
				1017.92	-0.056	202.8	-0.5237
				1018.00	-0.068	197.8	-0.6418
				1018.08	-0.074	194.9	-0.7474
				1018.17	-0.075	193.5	-0.814
				1018.25	-0.073	193.2	-0.8157
				1018.33	-0.067	193.7	-0.8051
				1018.42	-0.06	194.8	-0.7847
				1018.50	-0.052	196.2	-0.7545
				1018.58	-0.039	198.9	-0.711
				1018.67	-0.025	202.4	-0.5521
				1018.77	-0.008	206	-0.3941
				1018.83	0.014	209.3	-0.2184
				1018.92	0.031	215.2	0.0408
				1019.00	0.047	218.9	0.4704
				1019.08	0.064	222.1	0.7146
				1019.17	0.075	224.5	0.8699
				1019.25	0.079	226.2	0.9471
				1019.33	0.085	227.4	1.0048
				1019.42	0.086	228.3	1.035
				1019.50	0.084	229.1	1.043
				1019.58	0.08	229.2	1.0359
				1019.67	0.071	228.8	1.0172
				1019.75	0.061	228	0.98
				1019.83	0.052	227.2	0.9267
				1019.92	0.036	225.6	0.8335
				1020.00	0.015	222.5	0.6995
				1020.08	0.003	219.9	0.5379
				1020.17	-0.012	217	0.2086
				1020.27	-0.022	214.3	0.0408
				1020.33	-0.033	210.6	-0.0888
				1020.42	-0.04	208.2	-0.2192
				1020.50	-0.048	205.4	-0.4083
				1020.58	-0.056	202.5	-0.5273
				1020.67	-0.064	199.4	-0.6418
				1020.75	-0.072	196.1	-0.7492
				1020.83	-0.074	194	-0.8007
				1020.92	-0.072	193.5	-0.8095
				1021.00	-0.066	194.1	-0.7953
				1021.08	-0.058	195.1	-0.7731
				1021.17	-0.051	196.6	-0.7412
				1021.25	-0.042	198.3	-0.6968
				1021.33	-0.033	200.3	-0.6293
				1021.42	-0.009	203.9	-0.4891
				1021.50	0.008	209.7	-0.2947
				1021.58	0.023	213.7	0.0808
				1021.68	0.038	217	0.3231
				1021.75	0.063	220.5	0.5814
				1021.83	0.077	224.8	0.8166
				1021.92	0.081	226.2	0.9658
				1022.00	0.085	227.5	1.0128
				1022.08	0.086	228.4	1.0377
				1022.17	0.085	228.9	1.0439
				1022.25	0.081	229.1	1.0403
				1022.33	0.068	228.5	1.0226
				1022.42	0.06	227.7	0.995
				1022.50	0.049	226.8	0.9107
				1022.58	0.033	225.1	0.8078
				1022.67	0.021	223	0.6666
				1022.75	0.006	220.8	0.4926
				1022.83	-0.008	217.8	0.2734
				1022.92	-0.023	213.8	0.0968

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1023.00	-0.032	211.2	-0.1287
				1023.08	-0.04	208.5	-0.269
				1023.17	-0.051	205.8	-0.3932
				1023.25	-0.059	201.4	-0.5086
				1023.33	-0.067	198.2	-0.6844
				1023.42	-0.074	195.1	-0.7758
				1023.50	-0.075	193.6	-0.8122
				1023.58	-0.073	193.3	-0.8157
				1023.67	-0.068	193.6	-0.8069
				1023.75	-0.057	194.6	-0.7873
				1023.83	-0.049	196.8	-0.758
				1023.92	-0.041	198.5	-0.6924
				1024.00	-0.027	201.4	-0.5876
				1024.08	-0.011	205.3	-0.4234
				1024.17	0.004	209.2	-0.2113
				1024.25	0.022	213.1	0.0417
				1024.33	0.048	216.9	0.3231
				1024.42	0.065	222.2	0.6107
				1024.50	0.074	224.5	0.8761
				1024.60	0.08	226.1	0.9516
				1024.67	0.086	227.4	1.0039
				1024.75	0.087	228.6	1.0332
				1024.83	0.084	229.1	1.043
				1024.92	0.08	229.2	1.0368
				1025.00	0.071	228.7	1.0163
				1025.08	0.064	228.3	0.9862
				1025.17	0.05	227.1	0.9276
				1025.25	0.03	224.7	0.8388
				1025.33	0.018	222.6	0.719
				1025.42	0.003	220.2	0.4474
				1025.50	-0.01	217.3	0.237
				1025.58	-0.02	214.7	0.0754
				1025.67	-0.028	212.3	-0.0683
				1025.75	-0.04	209.7	-0.2068
				1025.83	-0.048	205.6	-0.3355
				1025.92	-0.056	202.6	-0.5237
				1026.02	-0.064	199.4	-0.6453
				1026.08	-0.073	196.3	-0.7447
				1026.17	-0.074	193.7	-0.7971
				1026.25	-0.072	193.4	-0.8095
				1026.33	-0.067	193.9	-0.7998
				1026.42	-0.06	195	-0.7776
				1026.50	-0.052	196.4	-0.7465
				1026.58	-0.043	198	-0.7048
				1026.67	-0.028	199.9	-0.6489
				1026.75	-0.012	205.2	-0.5157
				1026.83	0.004	209	-0.2219
				1026.92	0.021	212.9	0.024
				1027.00	0.038	216.8	0.308
				1027.08	0.055	220.4	0.5974
				1027.17	0.072	223.5	0.8317
				1027.25	0.082	225.6	0.9409
				1027.33	0.086	227.5	0.9995
				1027.42	0.086	228.3	1.0412
				1027.52	0.085	228.8	1.0465
				1027.58	0.078	229	1.043
				1027.67	0.07	228.5	1.0279
				1027.75	0.062	228	0.98
				1027.83	0.047	226.7	0.9134
				1027.92	0.036	225.1	0.8184
				1028.00	0.022	223.4	0.6853
				1028.08	0.007	220.8	0.4997
				1028.17	-0.012	216.7	0.2947

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1028.25	-0.022	214.2	0.047
				1028.33	-0.03	211.6	-0.0994
				1028.42	-0.038	209	-0.2414
				1028.50	-0.046	206.2	-0.3764
				1028.58	-0.055	203.1	-0.5068
				1028.67	-0.067	199.9	-0.6267
				1028.75	-0.074	195.1	-0.7394
				1028.83	-0.075	193.6	-0.8131
				1028.93	-0.072	193.3	-0.8149
				1029.00	-0.065	193.6	-0.8086
				1029.08	-0.058	195.1	-0.79
				1029.17	-0.05	196.6	-0.7438
				1029.25	-0.042	198.3	-0.6986
				1029.33	-0.03	200.8	-0.6142
				1029.42	-0.015	204.4	-0.4625
				1029.50	0.003	208.4	-0.2592
				1029.58	0.027	214.3	-0.0169
				1029.67	0.044	218.1	0.2663
				1029.75	0.06	221.5	0.687
				1029.83	0.076	224.3	0.8788
				1029.92	0.081	226	0.956
				1030.00	0.084	227.2	1.0075
				1030.08	0.087	228.2	1.0377
				1030.17	0.084	229	1.0448
				1030.25	0.079	228.9	1.0359
				1030.33	0.072	228.7	1.0163
				1030.43	0.059	228.1	0.9897
				1030.50	0.045	226.4	0.94
				1030.58	0.035	224.9	0.8033
				1030.67	0.019	223	0.6569
				1030.75	0.006	220.5	0.4767
				1030.83	-0.008	217.8	0.2814
				1030.92	-0.017	215.4	0.1234
				1031.00	-0.03	213	-0.0222
				1031.08	-0.038	209.1	-0.1651
				1031.17	-0.046	206.3	-0.3701
				1031.25	-0.054	203.3	-0.4989
				1031.33	-0.062	200	-0.6222
				1031.42	-0.071	196.4	-0.743
				1031.50	-0.075	194	-0.8069
				1031.58	-0.072	193.4	-0.8175
				1031.67	-0.066	194	-0.8122
				1031.75	-0.058	195.1	-0.7793
				1031.85	-0.051	196.6	-0.7483
				1031.92	-0.04	198.8	-0.7119
				1032.00	-0.031	201	-0.6586
				1032.08	-0.015	204.4	-0.4687
				1032.17	0.002	208.4	-0.2672
				1032.25	0.018	212.3	-0.0231
				1032.33	0.034	216	0.2512
				1032.42	0.052	219.7	0.5388
				1032.50	0.077	224.4	0.8078
				1032.58	0.081	226.2	0.9702
				1032.67	0.085	227.4	1.0181
				1032.75	0.087	228.2	1.0403
				1032.83	0.085	228.8	1.0465
				1032.92	0.081	229	1.0412
				1033.00	0.07	228.7	1.0243
				1033.08	0.057	227.6	0.9959
				1033.17	0.049	226.5	0.9098
				1033.25	0.034	225.1	0.8131
				1033.33	0.017	223.5	0.7163
				1033.42	0.003	219.9	0.553

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1033.50	-0.011	217.1	0.2326
				1033.58	-0.02	214.6	0.0719
				1033.67	-0.029	212	-0.0746
				1033.75	-0.037	209.4	-0.2184
				1033.83	-0.045	206.7	-0.3542
				1033.92	-0.057	203.6	-0.4838
				1034.00	-0.065	198.8	-0.6071
				1034.08	-0.073	195.5	-0.7696
				1034.17	-0.075	193.7	-0.814
				1034.25	-0.073	193.3	-0.8193
				1034.33	-0.068	193.7	-0.8095
				1034.42	-0.057	194.7	-0.7891
				1034.50	-0.049	196.9	-0.7598
				1034.58	-0.041	198.6	-0.6932
				1034.67	-0.03	200.9	-0.6116
				1034.77	-0.009	204	-0.4944
				1034.83	0.007	209.7	-0.3018
				1034.92	0.023	213.8	0.0701
				1035.00	0.041	217.3	0.3506
				1035.08	0.058	220.9	0.632
				1035.17	0.072	224	0.8468
				1035.25	0.08	225.8	0.9498
				1035.33	0.086	227.2	1.0057
				1035.42	0.086	228.4	1.0332
				1035.50	0.084	228.9	1.0448
				1035.58	0.08	229.1	1.0385
				1035.67	0.07	228.6	1.0181
				1035.75	0.064	228.1	0.9879
				1035.83	0.051	227	0.9302
				1035.92	0.03	224.6	0.8379
				1036.00	0.018	222.6	0.719
				1036.08	0.003	220.1	0.45
				1036.18	-0.008	217.6	0.2734
				1036.25	-0.02	214.4	0.1367
				1036.33	-0.028	212	-0.0009
				1036.42	-0.036	209.5	-0.2113
				1036.50	-0.044	206.7	-0.3462
				1036.58	-0.052	203.7	-0.4784
				1036.67	-0.061	200.5	-0.6027
				1036.75	-0.073	196.9	-0.7288
				1036.83	-0.075	193.6	-0.8024
				1036.92	-0.073	193.3	-0.8193
				1037.00	-0.067	193.9	-0.8069
				1037.08	-0.059	195	-0.7838
				1037.17	-0.052	196.5	-0.7527
				1037.25	-0.043	198.1	-0.7083
				1037.33	-0.03	199.9	-0.6533
				1037.42	-0.014	204.5	-0.5477
				1037.50	0.001	208.3	-0.2654
				1037.58	0.018	212.2	-0.0284
				1037.68	0.04	217.4	0.2139
				1037.75	0.057	221	0.474
				1037.83	0.072	223.9	0.8548
				1037.92	0.082	226	0.9729
				1038.00	0.085	227.3	1.0146
				1038.08	0.086	228.2	1.0377
				1038.17	0.085	228.7	1.0448
				1038.25	0.078	229	1.0421
				1038.33	0.07	228.4	1.0128
				1038.42	0.062	227.9	0.9782
				1038.50	0.047	226.6	0.9125
				1038.58	0.036	225.1	0.8175
				1038.67	0.022	223.3	0.687

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1038.75	0.001	221	0.5148
				1038.83	-0.011	217	0.316
				1038.92	-0.02	214.6	0.0763
				1039.00	-0.028	212.1	-0.0746
				1039.10	-0.04	209.5	-0.2157
				1039.17	-0.047	205.6	-0.3329
				1039.25	-0.055	202.7	-0.5193
				1039.33	-0.063	199.5	-0.64
				1039.42	-0.072	196	-0.7527
				1039.50	-0.075	193.8	-0.8104
				1039.58	-0.073	193.3	-0.8202
				1039.67	-0.066	194	-0.8122
				1039.75	-0.058	195.1	-0.7936
				1039.83	-0.05	196.6	-0.7474
				1039.92	-0.042	198.3	-0.7021
				1040.00	-0.033	200.4	-0.6382
				1040.08	-0.018	203.6	-0.4989
				1040.17	-0.001	207.6	-0.3053
				1040.25	0.024	213.6	-0.0701
				1040.33	0.04	217.4	0.3488
				1040.42	0.057	220.8	0.632
				1040.50	0.075	224	0.8654
				1040.60	0.082	226.4	0.948
				1040.67	0.085	227.7	1.0199
				1040.75	0.087	228.4	1.043
				1040.83	0.085	228.9	1.0465
				1040.92	0.081	229	1.0403
				1041.00	0.074	228.8	1.0243
				1041.08	0.059	228.1	0.9915
				1041.17	0.045	226.5	0.9409
				1041.25	0.035	225	0.8051
				1041.33	0.019	223	0.6577
				1041.42	0.006	220.6	0.4793
				1041.50	-0.007	218	0.2938
				1041.58	-0.016	215.7	0.142
				1041.67	-0.029	213.3	-0.0036
				1041.75	-0.036	209.5	-0.1456
				1041.83	-0.045	206.7	-0.3506
				1041.92	-0.053	203.7	-0.4811
				1042.02	-0.065	200.5	-0.6036
				1042.08	-0.072	195.8	-0.7128
				1042.17	-0.075	193.9	-0.8069
				1042.25	-0.072	193.5	-0.8131
				1042.33	-0.068	193.9	-0.8042
				1042.42	-0.061	194.9	-0.7838
				1042.50	-0.052	196.3	-0.7536
				1042.58	-0.04	198.8	-0.7119
				1042.67	-0.032	200.7	-0.6604
				1042.75	-0.018	203.8	-0.4953
				1042.83	-0.001	207.7	-0.3045
				1042.92	0.015	211.7	-0.071
				1043.00	0.031	215.4	0.2024
				1043.08	0.049	219.1	0.4926
				1043.17	0.076	224.1	0.7634
				1043.25	0.082	226	0.9302
				1043.33	0.085	227.3	1.019
				1043.42	0.087	228.2	1.0421
				1043.50	0.084	228.9	1.0483
				1043.58	0.079	228.9	1.0385
				1043.67	0.072	228.7	1.019
				1043.75	0.06	227.8	0.9826
				1043.83	0.05	226.6	0.9187
				1043.92	0.037	225.5	0.8326

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1044.00	0.021	223.3	0.687
				1044.08	0.001	219.7	0.5228
				1044.17	-0.011	217	0.2308
				1044.25	-0.02	214.6	0.0772
				1044.33	-0.028	212.1	-0.0728
				1044.42	-0.036	209.5	-0.2148
				1044.50	-0.044	206.8	-0.3471
				1044.58	-0.057	203.8	-0.4802
				1044.67	-0.065	198.9	-0.6036
				1044.75	-0.073	195.6	-0.7678
				1044.83	-0.075	193.8	-0.8122
				1044.93	-0.072	193.4	-0.8175
				1045.00	-0.066	193.9	-0.8122
				1045.08	-0.059	194.9	-0.7829
				1045.17	-0.051	196.4	-0.7509
				1045.25	-0.043	198.1	-0.7074
				1045.33	-0.035	200	-0.6498
				1045.42	-0.02	203.1	-0.5255
				1045.50	0.005	207	-0.3373
				1045.58	0.021	213	-0.1065
				1045.67	0.037	216.7	0.3053
				1045.75	0.055	220.3	0.5903
				1045.83	0.073	223.7	0.8459
				1045.92	0.08	225.6	0.9516
				1046.00	0.085	227	1.0075
				1046.08	0.086	228.3	1.0368
				1046.17	0.084	228.8	1.0456
				1046.25	0.08	229	1.0377
				1046.35	0.071	228.5	1.0199
				1046.42	0.057	227.6	0.9942
				1046.50	0.048	226.4	0.9027
				1046.58	0.034	225.1	0.8078
				1046.67	0.019	222.8	0.6524
				1046.75	0.006	220.5	0.4802
				1046.83	-0.006	218	0.3
				1046.92	-0.02	215.7	0.1473
				1047.00	-0.028	212.1	0.0044
				1047.08	-0.036	209.5	-0.2104
				1047.17	-0.044	206.8	-0.3444
				1047.25	-0.052	203.8	-0.4784
				1047.33	-0.061	200.6	-0.6027
				1047.42	-0.07	197	-0.7288
				1047.50	-0.075	194.3	-0.8015
				1047.58	-0.072	193.4	-0.8193
				1047.67	-0.066	194	-0.806
				1047.75	-0.059	195.1	-0.7829
				1047.85	-0.048	196.6	-0.7518
				1047.92	-0.041	198.7	-0.7163
				1048.00	-0.032	200.6	-0.6338
				1048.08	-0.018	203.6	-0.5148
				1048.17	-0.003	207.5	-0.3213
				1048.25	0.013	211.2	-0.087
				1048.33	0.031	215.2	0.182
				1048.42	0.057	220.7	0.4696
				1048.50	0.074	224	0.7438
				1048.58	0.081	225.8	0.9666
				1048.67	0.085	227.2	1.0172
				1048.75	0.086	228.1	1.0412
				1048.83	0.085	228.7	1.0483
				1048.92	0.081	228.9	1.0439
				1049.00	0.068	228.4	1.0261
				1049.08	0.06	227.5	0.9746
				1049.17	0.049	226.7	0.9143

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1049.27	0.033	224.9	0.8095
				1049.33	0.016	222.4	0.7092
				1049.42	0.004	220	0.4545
				1049.50	-0.009	217.4	0.2636
				1049.58	-0.018	215	0.1047
				1049.67	-0.027	212.6	-0.0417
				1049.75	-0.035	210	-0.1855
				1049.83	-0.047	207.3	-0.3213
				1049.92	-0.055	202.8	-0.4536
				1050.00	-0.064	199.5	-0.6418
				1050.08	-0.072	196.1	-0.7545
				1050.17	-0.075	194	-0.8069
				1050.25	-0.073	193.5	-0.8157
				1050.33	-0.068	193.8	-0.8078
				1050.42	-0.057	194.8	-0.7882
				1050.50	-0.049	196.9	-0.7589
				1050.58	-0.041	198.6	-0.695
				1050.67	-0.033	200.5	-0.6338
				1050.77	-0.013	205.1	-0.5281
				1050.83	0.003	208.9	-0.3533
				1050.92	0.019	212.7	0.0036
				1051.00	0.037	216.6	0.2849
				1051.08	0.054	220.2	0.5734
				1051.17	0.07	223.4	0.8273
				1051.25	0.081	225.6	0.9578
				1051.33	0.086	227.5	1.0075
				1051.42	0.086	228.4	1.0359
				1051.50	0.084	228.8	1.0465
				1051.58	0.08	229	1.0403
				1051.67	0.071	228.5	1.0199
				1051.75	0.064	228.1	0.9897
				1051.83	0.05	226.9	0.9302
				1051.92	0.03	224.6	0.8424
				1052.00	0.018	222.6	0.6338
				1052.08	0.003	220.1	0.4509
				1052.18	-0.011	217.7	0.2787
				1052.25	-0.019	214.6	0.1527
				1052.33	-0.027	212.3	-0.0515
				1052.42	-0.035	209.8	-0.1908
				1052.50	-0.043	207.1	-0.3258
				1052.58	-0.051	204.2	-0.4598
				1052.67	-0.06	201	-0.585
				1052.75	-0.072	197.4	-0.7119
				1052.83	-0.075	193.8	-0.7944
				1052.92	-0.073	193.5	-0.8166
				1053.00	-0.067	193.9	-0.806
				1053.08	-0.06	195	-0.7838
				1053.17	-0.052	196.5	-0.7527
				1053.25	-0.043	198.1	-0.7092
				1053.33	-0.031	200.9	-0.656
				1053.42	-0.017	204.1	-0.5663
				1053.50	-0.001	207.8	-0.2974
				1053.58	0.016	211.7	-0.0657
				1053.67	0.037	217	0.1536
				1053.75	0.054	220.5	0.4349
				1053.83	0.071	223.7	0.8397
				1053.92	0.082	225.9	0.9693
				1054.00	0.085	227.2	1.0155
				1054.08	0.087	228.2	1.0412
				1054.17	0.085	228.7	1.0483
				1054.25	0.078	228.9	1.0448
				1054.33	0.072	228.4	1.0172
				1054.42	0.061	227.9	0.9844

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1054.50	0.047	226.7	0.9169
				1054.58	0.038	225.2	0.8282
				1054.67	0.022	223.4	0.6924
				1054.75	0.001	221	0.5193
				1054.83	-0.01	217.1	0.3196
				1054.92	-0.02	214.7	0.0817
				1055.00	-0.028	212.2	-0.0675
				1055.10	-0.039	209.6	-0.2095
				1055.17	-0.047	205.8	-0.3258
				1055.25	-0.055	202.9	-0.5122
				1055.33	-0.063	199.7	-0.6338
				1055.42	-0.071	196.2	-0.7492
				1055.50	-0.075	193.9	-0.8095
				1055.58	-0.073	193.4	-0.8193
				1055.67	-0.066	194	-0.8122
				1055.75	-0.058	195.3	-0.7927
				1055.83	-0.049	197	-0.7403
				1055.92	-0.04	198.8	-0.6897
				1056.00	-0.031	200.8	-0.6258
				1056.08	-0.02	203.5	-0.5131
				1056.17	-0.002	207.3	-0.3275
				1056.25	0.022	213.2	-0.0968
				1056.33	0.038	217.1	0.1731
				1056.42	0.055	220.5	0.6045
				1056.52	0.074	223.8	0.853
				1056.58	0.082	226.4	0.9418
				1056.67	0.085	227.7	1.0208
				1056.75	0.086	228.4	1.043
				1056.83	0.084	228.9	1.0474
				1056.92	0.081	229	1.0412
				1057.00	0.074	228.8	1.0252
				1057.08	0.059	228.1	0.9924
				1057.17	0.045	226.5	0.9409
				1057.25	0.035	225	0.8069
				1057.33	0.019	223	0.6569
				1057.42	0.006	220.6	0.4829
				1057.50	-0.007	218	0.2991
				1057.58	-0.016	215.7	0.1456
				1057.67	-0.028	213.4	0.0018
				1057.75	-0.036	209.6	-0.1429
				1057.83	-0.044	206.8	-0.3471
				1057.92	-0.053	203.8	-0.4793
				1058.02	-0.064	200.6	-0.6018
				1058.08	-0.072	195.9	-0.7101
				1058.17	-0.075	193.9	-0.8086
				1058.25	-0.072	193.5	-0.814
				1058.33	-0.068	193.9	-0.8051
				1058.42	-0.06	194.9	-0.7847
				1058.50	-0.053	196.4	-0.7545
				1058.58	-0.04	198.9	-0.7128
				1058.67	-0.032	200.7	-0.6595
				1058.75	-0.019	203.6	-0.5051
				1058.83	-0.002	207.6	-0.3142
				1058.92	0.014	211.5	-0.0852
				1059.00	0.03	215.3	0.19
				1059.08	0.049	219	0.4784
				1059.17	0.075	224	0.7527
				1059.25	0.082	226	0.9276
				1059.33	0.085	227.3	1.0217
				1059.43	0.087	228.2	1.0456
				1059.50	0.084	229	1.051
				1059.58	0.079	228.9	1.0421
				1059.67	0.072	228.7	1.0226

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1059.75	0.06	227.9	0.9853
				1059.83	0.051	226.7	0.9231
				1059.92	0.037	225.5	0.8379
				1060.00	0.016	223.4	0.6977
				1060.08	0.002	219.9	0.5415
				1060.17	-0.01	217.3	0.2459
				1060.25	-0.019	214.9	0.0923
				1060.33	-0.028	212.4	-0.0577
				1060.42	-0.036	209.8	-0.1997
				1060.50	-0.043	207.1	-0.3338
				1060.58	-0.056	204.2	-0.4678
				1060.67	-0.064	199.3	-0.5912
				1060.75	-0.072	195.9	-0.7598
				1060.83	-0.075	194	-0.8078
				1060.93	-0.071	193.6	-0.8131
				1061.00	-0.065	194.2	-0.8069
				1061.08	-0.057	195.5	-0.7731
				1061.17	-0.049	197	-0.7376
				1061.25	-0.04	198.8	-0.6888
				1061.33	-0.032	200.7	-0.6276
				1061.42	-0.021	203.1	-0.5397
				1061.50	0.003	208.7	-0.3613
				1061.58	0.019	212.6	-0.1358
				1061.67	0.035	216.5	0.2725
				1061.75	0.053	220	0.5583
				1061.83	0.071	223.5	0.822
				1061.92	0.08	225.6	0.9489
				1062.00	0.085	227.1	1.0101
				1062.08	0.087	228.4	1.0394
				1062.17	0.084	228.8	1.0492
				1062.25	0.08	229	1.0412
				1062.35	0.071	228.5	1.0226
				1062.42	0.057	227.7	0.9986
				1062.50	0.049	226.5	0.9116
				1062.58	0.034	225.2	0.8157
				1062.67	0.02	223	0.6648
				1062.75	0.007	220.8	0.5015
				1062.83	-0.006	218.2	0.3089
				1062.92	-0.019	215.9	0.1553
				1063.00	-0.028	212.3	0.0107
				1063.08	-0.036	209.7	-0.2033
				1063.17	-0.044	207	-0.3373
				1063.25	-0.052	204.1	-0.4687
				1063.33	-0.062	200.3	-0.6178
				1063.42	-0.069	197.2	-0.7217
				1063.50	-0.075	194.7	-0.79
				1063.58	-0.072	193.6	-0.8113
				1063.67	-0.067	194.1	-0.8007
				1063.75	-0.06	195.2	-0.7793
				1063.83	-0.049	197.1	-0.7536
				1063.92	-0.041	198.7	-0.7163
				1064.00	-0.033	200.5	-0.6356
				1064.08	-0.02	203.3	-0.5299
				1064.17	-0.005	207.1	-0.3426
				1064.25	0.012	210.8	-0.1154
				1064.33	0.029	214.8	0.1518
				1064.42	0.055	220.3	0.4358
				1064.50	0.072	223.7	0.7172
				1064.58	0.081	225.7	0.9693
				1064.67	0.086	227.2	1.0208
				1064.75	0.086	228.1	1.043
				1064.83	0.085	228.7	1.0492
				1064.92	0.081	228.9	1.0465

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1065.00	0.068	228.4	1.0288
				1065.08	0.06	227.5	0.9773
				1065.17	0.049	226.7	0.916
				1065.27	0.031	224.9	0.8104
				1065.33	0.017	222.4	0.719
				1065.42	0.004	220.1	0.4571
				1065.50	-0.009	217.5	0.2627
				1065.58	-0.018	215.1	0.1056
				1065.67	-0.027	212.6	-0.0417
				1065.75	-0.035	210	-0.1855
				1065.83	-0.047	207.3	-0.3204
				1065.92	-0.055	202.9	-0.4518
				1066.00	-0.063	199.8	-0.6293
				1066.08	-0.071	196.5	-0.7403
				1066.17	-0.074	194.3	-0.798
				1066.25	-0.072	193.8	-0.8086
				1066.33	-0.068	194	-0.8007
				1066.42	-0.056	195.1	-0.7802
				1066.50	-0.048	197.3	-0.7483
				1066.58	-0.04	199	-0.6826
				1066.68	-0.032	200.8	-0.624
				1066.75	-0.017	204.3	-0.5601
				1066.83	-0.001	208.1	-0.4039
				1066.92	0.015	211.8	-0.0657
				1067.00	0.032	215.7	0.2121
				1067.08	0.049	219.4	0.4997
				1067.17	0.066	222.7	0.7651
				1067.25	0.079	225.1	0.9231
				1067.33	0.085	227.3	0.9862
				1067.42	0.086	228.3	1.027
				1067.50	0.086	228.8	1.0492
				1067.58	0.082	229.1	1.0474
				1067.67	0.076	228.9	1.0323
				1067.75	0.068	228.6	1.0084
				1067.83	0.055	227.5	0.9622
				1067.92	0.036	225.4	0.8868
				1068.00	0.025	223.7	0.7181
				1068.08	0.01	221.5	0.5441
				1068.18	-0.007	218.8	0.3559
				1068.25	-0.015	215.7	0.2228
				1068.33	-0.024	213.5	0.0124
				1068.42	-0.032	211	-0.1314
				1068.50	-0.04	208.4	-0.2672
				1068.58	-0.048	205.6	-0.4012
				1068.67	-0.056	202.5	-0.5308
				1068.75	-0.069	199.2	-0.6542
				1068.83	-0.075	194.6	-0.7625
				1068.92	-0.074	193.6	-0.8149
				1069.00	-0.07	193.7	-0.8104
				1069.08	-0.063	194.6	-0.7927
				1069.17	-0.056	195.9	-0.7669
				1069.25	-0.047	197.4	-0.7288
				1069.33	-0.035	199.1	-0.6808
				1069.42	-0.022	202.8	-0.6125
				1069.50	-0.007	206.5	-0.371
				1069.60	0.01	210.4	-0.1544
				1069.67	0.031	215.6	0.055
				1069.75	0.048	219.3	0.3355
				1069.83	0.065	222.6	0.7572
				1069.92	0.08	225.3	0.9382
				1070.00	0.084	226.8	0.9986
				1070.08	0.086	227.9	1.035
				1070.17	0.086	228.6	1.0501

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1070.25	0.081	229.1	1.051
				1070.33	0.074	228.7	1.0306
				1070.42	0.066	228.4	1.003
				1070.50	0.052	227.2	0.9498
				1070.58	0.042	225.8	0.869
				1070.67	0.028	224.3	0.7572
				1070.75	0.013	221.9	0.5876
				1070.83	-0.007	217.9	0.3897
				1070.92	-0.017	215.5	0.1287
				1071.00	-0.025	213.1	-0.0178
				1071.10	-0.036	210.7	-0.1465
				1071.17	-0.043	207.2	-0.2601
				1071.25	-0.051	204.5	-0.4456
				1071.33	-0.058	201.6	-0.5619
				1071.42	-0.066	198.2	-0.6826
				1071.50	-0.073	195.1	-0.7758
				1071.58	-0.074	193.8	-0.8078
				1071.67	-0.068	193.6	-0.8078
				1071.75	-0.061	194.9	-0.7944
				1071.83	-0.054	196.2	-0.7545
				1071.92	-0.045	197.8	-0.7154
				1072.00	-0.037	199.6	-0.6648
				1072.08	-0.029	201.5	-0.5992
				1072.17	-0.014	204.8	-0.4616
				1072.25	0.011	208.7	-0.2574
				1072.33	0.027	214.5	-0.0169
				1072.42	0.043	218.1	0.4074
				1072.52	0.062	221.7	0.6888
				1072.58	0.081	225.5	0.885
				1072.67	0.084	227	0.9817
				1072.75	0.087	228	1.0412
				1072.83	0.085	228.7	1.0501
				1072.92	0.083	229	1.0492
				1073.00	0.077	229	1.0368
				1073.08	0.066	228.4	1.0119
				1073.17	0.05	227	0.9675
				1073.25	0.04	225.5	0.8477
				1073.33	0.025	223.9	0.7252
				1073.42	0.01	221.4	0.5477
				1073.50	-0.003	218.8	0.3533
				1073.58	-0.013	216.5	0.1935
				1073.67	-0.026	214.1	0.0462
				1073.75	-0.034	210.3	-0.0985
				1073.83	-0.042	207.7	-0.3045
				1073.92	-0.05	204.8	-0.4385
				1074.02	-0.061	201.9	-0.5521
				1074.08	-0.069	197	-0.6648
				1074.17	-0.075	194.4	-0.7962
				1074.25	-0.074	193.5	-0.8149
				1074.33	-0.07	193.6	-0.8104
				1074.42	-0.064	194.4	-0.7944
				1074.50	-0.056	195.7	-0.7687
				1074.58	-0.044	198.1	-0.7314
				1074.67	-0.035	199.9	-0.6835
				1074.75	-0.025	202.2	-0.5628
				1074.83	-0.008	206	-0.3968
				1074.92	0.008	210	-0.1775
				1075.00	0.024	213.9	0.0817
				1075.08	0.042	217.6	0.3657
				1075.17	0.068	222.8	0.6506
				1075.25	0.081	225.5	0.8814
				1075.33	0.084	226.8	1.011
				1075.43	0.086	227.9	1.0403

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1075.50	0.085	228.8	1.0527
				1075.58	0.082	229.1	1.0536
				1075.67	0.076	229	1.0368
				1075.75	0.064	228.3	1.0084
				1075.83	0.055	227.2	0.956
				1075.92	0.043	226.2	0.8832
				1076.00	0.027	224.3	0.7598
				1076.08	0.007	220.9	0.6054
				1076.17	-0.005	218.4	0.3293
				1076.25	-0.014	216.2	0.1837
				1076.33	-0.022	214	0.047
				1076.42	-0.03	211.6	-0.0932
				1076.50	-0.037	209.2	-0.2263
				1076.58	-0.049	206.5	-0.3577
				1076.67	-0.057	201.9	-0.4891
				1076.75	-0.067	198.3	-0.6844
				1076.85	-0.074	195	-0.7856
				1076.92	-0.074	193.5	-0.8184
				1077.00	-0.069	193.7	-0.8184
				1077.08	-0.062	194.7	-0.7927
				1077.17	-0.054	196.1	-0.7634
				1077.25	-0.046	197.7	-0.7234
				1077.33	-0.038	199.5	-0.6728
				1077.42	-0.03	201.3	-0.6107
				1077.50	-0.008	206.2	-0.4838
				1077.58	0.008	210.2	-0.2894
				1077.67	0.024	214	0.0879
				1077.75	0.042	217.7	0.3693
				1077.83	0.059	221.4	0.656
				1077.92	0.075	224.3	0.8947
				1078.00	0.085	226.4	1.0048
				1078.08	0.086	228	1.0359
				1078.17	0.086	228.6	1.0501
				1078.25	0.082	229	1.0492
				1078.35	0.076	228.9	1.0412
				1078.42	0.062	228	1.0155
				1078.50	0.053	226.9	0.9427
				1078.58	0.04	225.9	0.8663
				1078.67	0.025	223.9	0.7385
				1078.75	0.014	221.9	0.5867
				1078.83	-0.002	219.2	0.3808
				1078.92	-0.016	216.8	0.2166
				1079.00	-0.025	213.3	0.0701
				1079.08	-0.033	210.7	-0.1491
				1079.17	-0.041	208.1	-0.2849
				1079.25	-0.049	205.2	-0.4199
				1079.33	-0.057	202.1	-0.5477
				1079.42	-0.066	198.7	-0.6728
				1079.50	-0.075	195.4	-0.774
				1079.58	-0.074	193.6	-0.8131
				1079.67	-0.069	193.7	-0.8104
				1079.77	-0.063	194.6	-0.7927
				1079.83	-0.053	195.7	-0.7714
				1079.92	-0.045	197.9	-0.7376
				1080.00	-0.036	199.8	-0.6622
				1080.08	-0.026	202	-0.5805
				1080.17	-0.01	205.7	-0.4145
				1080.25	0.005	209.6	-0.1988
				1080.33	0.023	213.5	0.0541
				1080.42	0.049	219.1	0.3391
				1080.50	0.066	222.6	0.6258
				1080.58	0.078	225.1	0.9329
				1080.67	0.084	226.8	1.0066

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1080.75	0.086	227.9	1.0385
				1080.83	0.086	228.6	1.051
				1080.92	0.083	229	1.0519
				1081.00	0.073	228.7	1.0403
				1081.08	0.064	228	0.9995
				1081.17	0.054	227.3	0.9507
				1081.27	0.038	226.1	0.8832
				1081.33	0.023	223.5	0.7864
				1081.42	0.01	221.4	0.5477
				1081.50	-0.003	218.8	0.3577
				1081.58	-0.012	216.6	0.2077
				1081.67	-0.02	214.3	0.0675
				1081.75	-0.029	211.9	-0.0808
				1081.83	-0.041	209.3	-0.2201
				1081.92	-0.049	205.1	-0.3542
				1082.00	-0.057	202	-0.5512
				1082.08	-0.066	198.5	-0.679
				1082.17	-0.073	195.2	-0.7776
				1082.25	-0.075	193.7	-0.8131
				1082.33	-0.071	193.6	-0.8131
				1082.42	-0.061	194.4	-0.798
				1082.50	-0.054	196.3	-0.774
				1082.58	-0.045	197.9	-0.7181
				1082.68	-0.037	199.7	-0.6666
				1082.75	-0.025	202.4	-0.6134
				1082.83	-0.01	206	-0.4971
				1082.92	0.006	209.7	-0.1926
				1083.00	0.024	213.7	0.0639
				1083.08	0.04	217.6	0.3471
				1083.17	0.057	221	0.6329
				1083.25	0.076	224.3	0.8814
				1083.33	0.086	227	0.9924
				1083.42	0.086	228	1.0332
				1083.50	0.086	228.6	1.0527
				1083.58	0.082	229	1.051
				1083.67	0.076	228.7	1.0377
				1083.75	0.068	228.4	1.0146
				1083.83	0.052	227.4	0.9658
				1083.92	0.036	225.5	0.8974
				1084.00	0.026	223.7	0.7243
				1084.08	0.01	221.4	0.5477
				1084.18	-0.006	219.3	0.4012
				1084.25	-0.015	215.8	0.2352
				1084.33	-0.024	213.4	0.0071
				1084.42	-0.032	210.9	-0.1367
				1084.50	-0.04	208.3	-0.2734
				1084.58	-0.048	205.5	-0.4065
				1084.67	-0.056	202.4	-0.537
				1084.75	-0.069	197.3	-0.6595
				1084.83	-0.075	194.5	-0.7634
				1084.92	-0.074	193.6	-0.8149
				1085.00	-0.07	193.7	-0.8104
				1085.08	-0.063	194.6	-0.7936
				1085.17	-0.056	195.8	-0.7678
				1085.25	-0.048	197.4	-0.7314
				1085.33	-0.035	200	-0.6826
				1085.42	-0.024	202.8	-0.5494
				1085.50	-0.007	206.3	-0.3772
				1085.60	0.014	210.3	-0.158
				1085.67	0.031	215.6	0.0497
				1085.75	0.047	219.3	0.4731
				1085.83	0.065	222.5	0.7456
				1085.92	0.08	225.4	0.9409

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1086.00	0.083	226.9	1.0004
				1086.08	0.086	227.9	1.0368
				1086.17	0.085	228.6	1.0519
				1086.25	0.081	229.1	1.0536
				1086.33	0.076	228.8	1.0341
				1086.42	0.066	228.4	1.0075
				1086.50	0.052	227.3	0.9524
				1086.58	0.044	226.1	0.8814
				1086.67	0.028	224.4	0.7634
				1086.75	0.007	222.2	0.6036
				1086.83	-0.005	218.5	0.4136
				1086.92	-0.014	216.2	0.1749
				1087.02	-0.023	213.9	0.0293
				1087.08	-0.034	210.4	-0.1003
				1087.17	-0.041	207.9	-0.2263
				1087.25	-0.049	205	-0.427
				1087.33	-0.058	201.9	-0.5557
				1087.42	-0.066	198.4	-0.6808
				1087.50	-0.074	195.1	-0.7802
				1087.58	-0.075	193.7	-0.8157
				1087.67	-0.069	193.8	-0.8157
				1087.75	-0.062	194.8	-0.7918
				1087.83	-0.054	196.1	-0.7634
				1087.92	-0.046	197.7	-0.7234
				1088.00	-0.038	199.5	-0.6737
				1088.08	-0.03	201.4	-0.6071
				1088.17	-0.007	204.8	-0.4678
				1088.25	0.011	210.6	-0.2592
				1088.33	0.026	214.7	0.1198
				1088.42	0.043	218.2	0.403
				1088.52	0.066	221.5	0.6515
				1088.58	0.081	225.6	0.8726
				1088.67	0.084	227.1	1.0119
				1088.75	0.086	228.1	1.043
				1088.83	0.086	228.7	1.0527
				1088.92	0.083	229.1	1.0519
				1089.00	0.077	229.1	1.0412
				1089.08	0.063	228.5	1.0146
				1089.17	0.051	227.1	0.9755
				1089.25	0.041	225.9	0.8619
				1089.33	0.024	223.9	0.727
				1089.42	0.012	221.7	0.5645
				1089.50	-0.003	219	0.3622
				1089.58	-0.013	216.6	0.1917
				1089.67	-0.026	212.9	0.0426
				1089.75	-0.035	210.3	-0.1056
				1089.83	-0.042	207.6	-0.3142
				1089.93	-0.051	204.7	-0.45
				1090.00	-0.062	200.3	-0.5601
				1090.08	-0.069	197	-0.7252
				1090.17	-0.074	194.5	-0.7962
				1090.25	-0.074	193.6	-0.814
				1090.33	-0.07	193.7	-0.8104
				1090.42	-0.064	194.4	-0.7953
				1090.50	-0.053	195.7	-0.7705
				1090.58	-0.045	198	-0.7359
				1090.67	-0.036	199.8	-0.6613
				1090.75	-0.024	202.4	-0.5601
				1090.83	-0.007	206.2	-0.3906
				1090.92	0.007	210.2	-0.1678
				1091.00	0.025	214	0.0897
				1091.08	0.051	217.8	0.3746
				1091.17	0.068	223.1	0.6604

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1091.25	0.078	225.4	0.9365
				1091.33	0.084	226.9	1.0048
				1091.43	0.086	228.4	1.0377
				1091.50	0.085	229	1.051
				1091.58	0.083	229.3	1.0492
				1091.67	0.074	229	1.0368
				1091.75	0.066	228.4	1.0084
				1091.83	0.057	227.7	0.964
				1091.92	0.042	226.2	0.8832
				1092.00	0.022	223.4	0.7731
				1092.08	0.009	221.2	0.5264
				1092.17	-0.004	218.7	0.3409
				1092.25	-0.013	216.5	0.1882
				1092.33	-0.022	214.1	0.0453
				1092.42	-0.03	211.6	-0.1003
				1092.50	-0.042	209.1	-0.2414
				1092.58	-0.05	204.7	-0.3772
				1092.67	-0.059	201.5	-0.5734
				1092.75	-0.067	198	-0.6986
				1092.85	-0.075	195	-0.7864
				1092.92	-0.073	193.5	-0.8184
				1093.00	-0.069	193.7	-0.814
				1093.08	-0.063	194.6	-0.7962
				1093.17	-0.055	195.9	-0.7687
				1093.25	-0.047	197.5	-0.7305
				1093.33	-0.039	199.2	-0.6817
				1093.42	-0.024	201.1	-0.6196
				1093.50	-0.007	206.3	-0.4811
				1093.58	0.008	210.2	-0.1669
				1093.67	0.025	214.1	0.0888
				1093.75	0.042	217.9	0.3764
				1093.83	0.058	221.4	0.6604
				1093.92	0.077	224.6	0.8974
				1094.00	0.085	227.1	0.9915
				1094.08	0.086	228.1	1.0323
				1094.17	0.086	228.7	1.0527
				1094.25	0.082	229	1.051
				1094.35	0.073	228.9	1.0439
				1094.42	0.064	228.1	1.0004
				1094.50	0.054	227.4	0.9516
				1094.58	0.039	225.9	0.8628
				1094.67	0.027	224	0.7412
				1094.75	0.012	222	0.5805
				1094.83	-0.002	219.2	0.3772
				1094.92	-0.017	215.6	0.2077
				1095.00	-0.025	213.2	-0.0169
				1095.08	-0.033	210.6	-0.1607
				1095.17	-0.041	208	-0.2965
				1095.25	-0.049	205.1	-0.4314
				1095.33	-0.058	201.9	-0.5601
				1095.42	-0.07	198.5	-0.6826
				1095.50	-0.075	194.3	-0.7776
				1095.58	-0.074	193.6	-0.8184
				1095.67	-0.07	193.7	-0.8131
				1095.77	-0.06	195	-0.7962
				1095.83	-0.053	196.3	-0.7749
				1095.92	-0.045	197.8	-0.7217
				1096.00	-0.037	199.6	-0.6693
				1096.08	-0.026	202.2	-0.5761
				1096.17	-0.01	205.8	-0.4119
				1096.25	0.007	209.7	-0.1953
				1096.33	0.032	215.6	0.0639
				1096.42	0.048	219.4	0.348

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1096.50	0.066	222.6	0.7651
				1096.58	0.08	225.4	0.9471
				1096.67	0.084	226.9	1.0039
				1096.75	0.086	228	1.0385
				1096.83	0.086	228.7	1.0527
				1096.92	0.081	229.1	1.0536
				1097.00	0.074	228.8	1.0332
				1097.08	0.066	228.4	1.0066
				1097.18	0.052	227.3	0.9533
				1097.25	0.036	225.6	0.8956
				1097.33	0.026	223.8	0.7243
				1097.42	0.01	221.6	0.5477
				1097.50	-0.003	219	0.3639
				1097.58	-0.012	216.7	0.2033
				1097.67	-0.021	214.3	0.0559
				1097.75	-0.034	211.8	-0.0914
				1097.83	-0.041	207.9	-0.2317
				1097.92	-0.05	205	-0.4341
				1098.00	-0.058	201.8	-0.5619
				1098.08	-0.067	198.4	-0.687
				1098.17	-0.074	195.2	-0.7811
				1098.25	-0.075	193.8	-0.8149
				1098.33	-0.068	193.7	-0.8149
				1098.42	-0.062	194.9	-0.8007
				1098.50	-0.054	196.3	-0.7625
				1098.58	-0.046	197.8	-0.7225
				1098.68	-0.035	200.3	-0.6737
				1098.75	-0.025	202.6	-0.6213
				1098.83	-0.009	206.1	-0.3977
				1098.92	0.008	210.1	-0.1784
				1099.00	0.024	214.2	0.0817
				1099.08	0.041	217.7	0.3684
				1099.17	0.059	221.4	0.6498
				1099.25	0.082	225.7	0.8965
				1099.33	0.084	227.1	1.0163
				1099.42	0.086	228.1	1.0448
				1099.50	0.086	228.7	1.0545
				1099.58	0.083	229.1	1.0536
				1099.67	0.077	229.1	1.043
				1099.75	0.064	228.5	1.0163
				1099.83	0.05	227.1	0.9755
				1099.92	0.041	225.7	0.8583
				1100.00	0.025	224	0.7305
				1100.08	0.011	221.7	0.5645
				1100.17	-0.006	218.2	0.4021
				1100.25	-0.016	215.8	0.1447
				1100.33	-0.025	213.3	-0.0089
				1100.42	-0.033	210.8	-0.1527
				1100.50	-0.041	208.2	-0.2885
				1100.58	-0.049	205.3	-0.4234
				1100.67	-0.061	202.1	-0.5521
				1100.75	-0.07	197	-0.6728
				1100.83	-0.075	194.4	-0.8015
				1100.92	-0.074	193.7	-0.8175
				1101.00	-0.069	193.8	-0.8113
				1101.08	-0.062	194.8	-0.7927
				1101.17	-0.054	196.2	-0.7643
				1101.25	-0.042	198.7	-0.7234
				1101.33	-0.033	200.7	-0.6693
				1101.42	-0.023	203	-0.5459
				1101.50	-0.006	206.7	-0.3755
				1101.60	0.015	211.9	-0.1917
				1101.67	0.03	215.9	0.19

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1101.75	0.048	219.3	0.4829
				1101.83	0.066	222.8	0.7518
				1101.92	0.076	225.4	0.916
				1102.00	0.083	226.9	0.9968
				1102.08	0.086	228.1	1.0368
				1102.17	0.085	229.1	1.0527
				1102.25	0.082	229.3	1.051
				1102.33	0.075	229.2	1.0377
				1102.42	0.064	228.5	1.0075
				1102.50	0.057	227.8	0.9649
				1102.58	0.042	226.4	0.8859
				1102.67	0.021	223.6	0.7714
				1102.75	0.009	221.4	0.6231
				1102.83	-0.005	218.6	0.3275
				1102.92	-0.015	216.2	0.1642
				1103.02	-0.027	212.6	0.016
				1103.08	-0.034	210.3	-0.1145
				1103.17	-0.042	207.8	-0.3053
				1103.25	-0.05	204.9	-0.4376
				1103.33	-0.058	201.8	-0.5645
				1103.42	-0.067	198.4	-0.6861
				1103.50	-0.075	195.3	-0.7776
				1103.58	-0.073	193.7	-0.8131
				1103.67	-0.069	193.9	-0.8104
				1103.75	-0.063	194.7	-0.7927
				1103.83	-0.055	196	-0.7669
				1103.92	-0.047	197.5	-0.7305
				1104.00	-0.039	199.3	-0.6808
				1104.08	-0.022	201.3	-0.6134
				1104.17	-0.006	206.8	-0.4642
				1104.25	0.009	210.6	-0.1429
				1104.33	0.027	214.6	0.1216
				1104.42	0.043	218.4	0.4065
				1104.52	0.066	223	0.6409
				1104.58	0.078	225.5	0.9329
				1104.67	0.084	227.1	1.011
				1104.75	0.086	228.2	1.0421
				1104.83	0.086	228.8	1.0536
				1104.92	0.083	229.3	1.0536
				1105.00	0.073	229.1	1.043
				1105.08	0.063	228.3	1.0199
				1105.17	0.055	227.5	0.9524
				1105.25	0.039	226	0.8663
				1105.33	0.027	224.1	0.7403
				1105.42	0.013	222.1	0.585
				1105.50	-0.002	219.3	0.3728
				1105.58	-0.018	215.4	0.19
				1105.67	-0.027	212.9	0.0337
				1105.75	-0.035	210.3	-0.1855
				1105.83	-0.043	207.6	-0.3204
				1105.93	-0.055	203.2	-0.4545
				1106.00	-0.062	200.2	-0.6222
				1106.08	-0.07	197	-0.7323
				1106.17	-0.074	194.5	-0.798
				1106.25	-0.074	193.7	-0.8149
				1106.33	-0.07	193.8	-0.8104
				1106.42	-0.059	194.7	-0.7936
				1106.50	-0.051	196.8	-0.7669
				1106.58	-0.043	198.5	-0.703
				1106.67	-0.034	200.4	-0.6453
				1106.75	-0.023	202.8	-0.5574
				1106.83	-0.009	206.6	-0.3843
				1106.92	0.009	210.4	-0.1616

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1107.00	0.034	214.4	0.0968
				1107.08	0.051	219.9	0.3852
				1107.17	0.067	223.3	0.7936
				1107.25	0.08	225.6	0.9444
				1107.33	0.084	227.1	1.0039
				1107.42	0.086	228.6	1.035
				1107.50	0.086	229.2	1.0545
				1107.58	0.082	229.4	1.0527
				1107.67	0.075	229.2	1.0385
				1107.75	0.068	228.8	1.0146
				1107.83	0.055	227.8	0.9675
				1107.92	0.036	225.7	0.8921
				1108.00	0.024	223.8	0.711
				1108.08	0.01	221.7	0.5432
				1108.17	-0.005	218.8	0.3355
				1108.25	-0.014	216.4	0.1704
				1108.33	-0.023	214	0.0186
				1108.42	-0.036	211.4	-0.1269
				1108.50	-0.043	207.4	-0.2663
				1108.58	-0.052	204.4	-0.466
				1108.67	-0.06	201.2	-0.5912
				1108.75	-0.068	197.8	-0.711
				1108.85	-0.075	194.2	-0.79
				1108.92	-0.073	193.6	-0.8193
				1109.00	-0.069	193.8	-0.814
				1109.08	-0.063	194.7	-0.7962
				1109.17	-0.055	196	-0.7696
				1109.25	-0.047	197.5	-0.7341
				1109.33	-0.035	199.2	-0.6861
				1109.42	-0.021	203.3	-0.6045
				1109.50	-0.006	207	-0.3524
				1109.58	0.012	211	-0.126
				1109.67	0.028	215	0.1456
				1109.75	0.044	218.7	0.4305
				1109.83	0.063	222.2	0.7074
				1109.92	0.081	225.9	0.9178
				1110.00	0.084	227.3	0.9906
				1110.08	0.086	228.3	1.0439
				1110.17	0.086	229	1.0545
				1110.25	0.083	229.3	1.0536
				1110.33	0.074	229.1	1.035
				1110.42	0.066	228.7	1.0075
				1110.50	0.052	227.5	0.9533
				1110.58	0.042	226.1	0.8726
				1110.67	0.028	224.6	0.7643
				1110.75	0.006	222.3	0.6009
				1110.83	-0.007	218.3	0.4101
				1110.92	-0.017	215.7	0.1216
				1111.00	-0.026	213.1	-0.0346
				1111.08	-0.035	210.5	-0.1802
				1111.17	-0.042	207.8	-0.316
				1111.25	-0.051	204.9	-0.4509
				1111.33	-0.063	201.7	-0.5743
				1111.42	-0.07	196.9	-0.687
				1111.50	-0.074	194.6	-0.7962
				1111.58	-0.073	193.9	-0.8104
				1111.67	-0.069	194	-0.806
				1111.77	-0.06	195.3	-0.7909
				1111.83	-0.052	196.7	-0.7518
				1111.92	-0.044	198.3	-0.7101
				1112.00	-0.036	200.1	-0.6577
				1112.08	-0.026	202.2	-0.5752
				1112.17	-0.01	205.9	-0.4181

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1112.25	0.015	211.8	-0.1997
				1112.33	0.031	215.8	0.055
				1112.42	0.048	219.3	0.4847
				1112.50	0.066	222.8	0.7563
				1112.58	0.079	225.6	0.9382
				1112.67	0.083	226.9	1.0048
				1112.75	0.086	228.1	1.0394
				1112.83	0.085	229.1	1.0536
				1112.92	0.083	229.3	1.0527
				1113.00	0.075	229.2	1.0394
				1113.08	0.064	228.6	1.0101
				1113.18	0.051	227.3	0.964
				1113.25	0.041	226	0.8637
				1113.33	0.025	224.2	0.735
				1113.42	0.012	221.9	0.5654
				1113.50	-0.003	219.2	0.363
				1113.58	-0.014	216.6	0.1802
				1113.67	-0.027	214.1	0.0231
				1113.75	-0.035	210.2	-0.1243
				1113.83	-0.043	207.5	-0.3311
				1113.92	-0.052	204.5	-0.466
				1114.00	-0.06	201.2	-0.5921
				1114.08	-0.068	197.9	-0.7074
				1114.17	-0.074	195	-0.7909
				1114.25	-0.073	193.8	-0.8193
				1114.33	-0.069	193.9	-0.8184
				1114.42	-0.062	194.8	-0.7944
				1114.50	-0.055	196.2	-0.7678
				1114.58	-0.047	197.7	-0.7296
				1114.68	-0.036	200.1	-0.6861
				1114.75	-0.021	203.2	-0.5326
				1114.83	-0.004	207.2	-0.3488
				1114.92	0.012	211.2	-0.1181
				1115.00	0.028	215	0.1482
				1115.08	0.046	218.8	0.4385
				1115.17	0.072	223.9	0.7199
				1115.25	0.08	226	0.9027
				1115.33	0.084	227.3	1.011
				1115.42	0.086	228.4	1.0456
				1115.50	0.086	229	1.0545
				1115.58	0.083	229.4	1.0545
				1115.67	0.076	229.3	1.0439
				1115.75	0.062	228.4	1.0172
				1115.83	0.054	227.4	0.9498
				1115.92	0.041	226.2	0.8699
				1116.00	0.025	224.2	0.7376
				1116.10	0.008	221.2	0.5841
				1116.17	-0.005	218.6	0.3222
				1116.25	-0.017	215.8	0.126
				1116.33	-0.026	213.2	-0.0337
				1116.42	-0.034	210.6	-0.1731
				1116.50	-0.042	208.1	-0.3053
				1116.58	-0.053	205.2	-0.4323
				1116.67	-0.061	200.6	-0.553
				1116.75	-0.069	197.4	-0.7208
				1116.83	-0.074	194.8	-0.7927
				1116.92	-0.073	193.9	-0.8122
				1117.00	-0.07	193.9	-0.8086
				1117.08	-0.064	194.7	-0.7944
				1117.17	-0.053	196.6	-0.7696
				1117.25	-0.045	198.1	-0.7367
				1117.33	-0.037	199.9	-0.6648
				1117.42	-0.024	202.6	-0.5681

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1117.50	-0.009	206.4	-0.3932
				1117.58	0.012	211.7	-0.2113
				1117.67	0.029	215.3	0.1598
				1117.75	0.047	219.1	0.4518
				1117.83	0.063	222.7	0.7332
				1117.92	0.077	225.2	0.9187
				1118.00	0.084	227	1.0004
				1118.08	0.087	228.5	1.0394
				1118.17	0.086	229.1	1.0572
				1118.25	0.082	229.4	1.0545
				1118.33	0.074	229.2	1.0403
				1118.42	0.068	228.6	1.0146
				1118.50	0.056	227.9	0.9711
				1118.58	0.037	226.5	0.8912
				1118.67	0.023	223.8	0.7891
				1118.75	0.011	221.7	0.545
				1118.83	-0.005	218.7	0.3249
				1118.92	-0.016	216.1	0.1402
				1119.02	-0.029	212.4	-0.0133
				1119.08	-0.036	209.9	-0.2086
				1119.17	-0.044	207.2	-0.3409
				1119.25	-0.052	204.3	-0.474
				1119.33	-0.06	201	-0.5992
				1119.42	-0.068	197.7	-0.7146
				1119.50	-0.075	194.2	-0.79
				1119.58	-0.073	193.7	-0.8166
				1119.67	-0.069	193.9	-0.8122
				1119.75	-0.062	194.8	-0.7944
				1119.83	-0.057	195.6	-0.7767
				1119.92	-0.047	197.6	-0.7305
				1120.00	-0.037	199.7	-0.6719
				1120.08	-0.016	204.3	-0.5663
				1120.17	-0.001	208.4	-0.3994
				1120.25	0.016	212	-0.0559
				1120.33	0.033	216	0.2219
				1120.42	0.049	219.8	0.5166
				1120.50	0.07	224.2	0.8255
				1120.58	0.079	226	0.9418
				1120.67	0.084	227.5	1.0048
				1120.75	0.086	228.5	1.0394
				1120.83	0.086	229.2	1.0536
				1120.92	0.081	229.5	1.0536
				1121.00	0.072	229.3	1.0439
				1121.08	0.066	228.6	1.0048
				1121.17	0.054	227.8	0.956
				1121.25	0.039	226.3	0.8681
				1121.33	0.029	224.6	0.7572
				1121.42	0.012	222.4	0.5876
				1121.50	-0.008	219.7	0.3923
				1121.58	-0.018	215.7	0.1944
				1121.67	-0.026	213.2	-0.0337
				1121.75	-0.034	210.6	-0.1731
				1121.83	-0.042	208	-0.3098
				1121.93	-0.053	203.8	-0.4367
				1122.00	-0.061	200.8	-0.6063
				1122.08	-0.069	197.5	-0.7217
				1122.17	-0.074	194.8	-0.7962
				1122.25	-0.074	193.8	-0.8175
				1122.33	-0.071	193.7	-0.8157
				1122.42	-0.061	195	-0.8015
				1122.50	-0.054	196.4	-0.7776
				1122.58	-0.046	197.9	-0.7234
				1122.67	-0.038	199.7	-0.6737

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1122.75	-0.025	202.8	-0.5557
				1122.83	-0.008	206.4	-0.3861
				1122.92	0.017	210.4	-0.166
				1123.00	0.034	216.4	0.103
				1123.08	0.05	220.2	0.5326
				1123.17	0.068	223.3	0.7882
				1123.25	0.08	225.7	0.94
				1123.35	0.084	227.8	1.003
				1123.42	0.086	228.6	1.0465
				1123.50	0.086	229.3	1.0554
				1123.58	0.082	229.6	1.0545
				1123.67	0.077	229.4	1.0412
				1123.75	0.068	229	1.0172
				1123.83	0.051	227.9	0.9693
				1123.92	0.037	225.9	0.901
				1124.00	0.026	224.2	0.7279
				1124.08	0.01	221.9	0.5503
				1124.17	-0.004	219	0.3409
				1124.25	-0.016	216.2	0.1429
				1124.33	-0.025	213.6	-0.0169
				1124.42	-0.038	210.9	-0.1642
				1124.50	-0.046	206.8	-0.3036
				1124.58	-0.054	203.7	-0.5024
				1124.67	-0.062	200.4	-0.6258
				1124.75	-0.07	197.1	-0.7367
				1124.85	-0.075	194	-0.8024
				1124.92	-0.073	193.5	-0.8237
				1125.00	-0.069	193.7	-0.8184
				1125.08	-0.063	194.6	-0.8007
				1125.17	-0.055	196	-0.7731
				1125.25	-0.047	197.5	-0.7367
				1125.33	-0.031	200.9	-0.6844
				1125.42	-0.016	204.8	-0.4722
				1125.50	0.001	208.5	-0.2716
				1125.58	0.018	212.5	-0.0337
				1125.67	0.033	216.6	0.2503
				1125.75	0.051	220	0.5388
				1125.83	0.073	223.4	0.7971
				1125.92	0.08	226.3	0.9089
				1126.00	0.083	227.7	1.0075
				1126.08	0.087	228.7	1.0448
				1126.17	0.086	229.3	1.0545
				1126.27	0.081	229.7	1.0536
				1126.33	0.076	229.5	1.0385
				1126.42	0.066	229	1.0119
				1126.50	0.052	227.8	0.956
				1126.58	0.044	226.7	0.8841
				1126.67	0.027	224.8	0.7634
				1126.75	0.007	222.6	0.6054
				1126.83	-0.007	218.5	0.411
				1126.92	-0.017	215.9	0.1216
				1127.00	-0.026	213.4	-0.0311
				1127.08	-0.034	210.7	-0.1731
				1127.17	-0.042	208.1	-0.3116
				1127.25	-0.051	205.1	-0.4483
				1127.33	-0.063	200.2	-0.5734
				1127.42	-0.071	196.9	-0.7447
				1127.50	-0.075	194.5	-0.8078
				1127.58	-0.074	193.7	-0.822
				1127.67	-0.071	193.8	-0.8184
				1127.77	-0.062	195	-0.7953
				1127.83	-0.054	196.2	-0.7687
				1127.92	-0.046	197.7	-0.7314

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1128.00	-0.038	199.5	-0.6817
				1128.08	-0.023	202.7	-0.5592
				1128.17	0.001	206.6	-0.387
				1128.25	0.017	212.5	-0.1598
				1128.33	0.033	216.5	0.2459
				1128.42	0.052	220	0.5388
				1128.50	0.069	223.5	0.8051
				1128.58	0.077	225.6	0.9258
				1128.67	0.083	227.2	0.9942
				1128.75	0.086	228.3	1.0368
				1128.83	0.085	229.3	1.0536
				1128.92	0.083	229.6	1.0519
				1129.00	0.075	229.4	1.0403
				1129.08	0.065	228.7	1.0101
				1129.18	0.053	227.6	0.9755
				1129.25	0.041	226.4	0.8681
				1129.33	0.024	224.3	0.7305
				1129.42	0.012	222	0.5654
				1129.50	-0.004	219.3	0.3551
				1129.58	-0.016	216.3	0.1438
				1129.67	-0.03	212.3	-0.0204
				1129.75	-0.038	209.5	-0.2406
				1129.83	-0.046	206.7	-0.379
				1129.92	-0.054	203.5	-0.5122
				1130.00	-0.063	200.3	-0.6329
				1130.08	-0.07	197	-0.7412
				1130.17	-0.075	194.7	-0.8033
				1130.25	-0.073	193.7	-0.822
				1130.33	-0.069	193.9	-0.8157
				1130.42	-0.062	194.8	-0.798
				1130.50	-0.055	196.2	-0.7696
				1130.58	-0.047	197.7	-0.7323
				1130.67	-0.032	201.1	-0.6196
				1130.75	-0.014	204.9	-0.4678
				1130.83	0.002	208.9	-0.2627
				1130.92	0.017	212.8	-0.0213
				1131.00	0.035	216.7	0.2636
				1131.08	0.061	222	0.5574
				1131.17	0.073	224.7	0.7758
				1131.25	0.078	226.3	0.9444
				1131.33	0.084	227.7	1.0066
				1131.42	0.087	228.7	1.0439
				1131.50	0.086	229.4	1.0563
				1131.58	0.083	229.7	1.0554
				1131.67	0.073	229.4	1.0448
				1131.75	0.063	228.7	1.0226
				1131.83	0.054	228	0.9542
				1131.92	0.039	226.4	0.8654
				1132.00	0.027	224.4	0.7421
				1132.10	0.009	221.6	0.5299
				1132.17	-0.006	218.8	0.316
				1132.25	-0.017	215.9	0.1225
				1132.33	-0.027	213.3	-0.0382
				1132.42	-0.035	210.6	-0.1864
				1132.50	-0.047	207.8	-0.3258
				1132.58	-0.055	203.2	-0.4616
				1132.67	-0.064	199.9	-0.648
				1132.75	-0.071	196.7	-0.7536
				1132.83	-0.075	194.5	-0.8086
				1132.92	-0.073	193.8	-0.8202
				1133.00	-0.07	193.8	-0.8175
				1133.08	-0.061	194.6	-0.8024
				1133.17	-0.053	196.5	-0.7776

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1133.25	-0.045	198.1	-0.7234
				1133.33	-0.034	200.4	-0.6489
				1133.42	-0.018	204.2	-0.5051
				1133.52	0.005	209.7	-0.3107
				1133.58	0.019	213.3	-0.0036
				1133.67	0.036	217.1	0.2814
				1133.75	0.053	220.8	0.5761
				1133.83	0.068	223.7	0.806
				1133.92	0.078	225.9	0.9302
				1134.00	0.085	228	0.9942
				1134.08	0.086	228.9	1.035
				1134.17	0.085	229.4	1.0545
				1134.25	0.082	229.7	1.0527
				1134.33	0.076	229.5	1.0394
				1134.42	0.068	229.2	1.0155
				1134.50	0.055	228.1	0.9684
				1134.58	0.036	226	0.893
				1134.67	0.024	224	0.711
				1134.75	0.009	222	0.5441
				1134.83	-0.005	218.9	0.3169
				1134.92	-0.018	216	0.1181
				1135.02	-0.03	212	-0.1092
				1135.08	-0.038	209.6	-0.2388
				1135.17	-0.046	206.8	-0.3737
				1135.25	-0.054	203.7	-0.506
				1135.33	-0.062	200.5	-0.6267
				1135.42	-0.073	197.3	-0.7341
				1135.50	-0.075	194.2	-0.7998
				1135.58	-0.073	193.7	-0.822
				1135.67	-0.069	193.9	-0.8166
				1135.75	-0.063	194.8	-0.7989
				1135.83	-0.055	196.1	-0.7722
				1135.92	-0.047	197.6	-0.7359
				1136.00	-0.028	199.9	-0.6675
				1136.08	-0.012	205.5	-0.5281
				1136.17	0.003	209.4	-0.229
				1136.25	0.021	213.4	0.0204
				1136.33	0.037	217.3	0.3036
				1136.43	0.06	222.3	0.5956
				1136.50	0.07	224.5	0.8344
				1136.58	0.079	226.4	0.9427
				1136.67	0.084	227.8	1.0039
				1136.75	0.086	228.8	1.0403
				1136.83	0.086	229.5	1.0545
				1136.92	0.081	229.9	1.0554
				1137.00	0.074	229.5	1.035
				1137.08	0.066	229.1	1.0084
				1137.17	0.052	227.9	0.9542
				1137.25	0.042	226.5	0.8726
				1137.33	0.028	225	0.7589
				1137.42	0.006	222.5	0.5885
				1137.50	-0.007	218.6	0.4003
				1137.58	-0.018	215.8	0.1039
				1137.67	-0.028	213.1	-0.0577
				1137.75	-0.036	210.4	-0.2059
				1137.83	-0.044	207.6	-0.34
				1137.93	-0.055	203.3	-0.5246
				1138.00	-0.063	200.1	-0.6391
				1138.08	-0.071	196.9	-0.7438
				1138.17	-0.075	194.6	-0.8042
				1138.25	-0.074	193.8	-0.8211
				1138.33	-0.068	193.8	-0.8184
				1138.42	-0.062	195	-0.8051

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1138.50	-0.054	196.4	-0.7669
				1138.58	-0.046	197.9	-0.7279
				1138.67	-0.035	200.4	-0.6524
				1138.75	-0.019	203.9	-0.5113
				1138.83	-0.002	208	-0.3169
				1138.92	0.022	213.9	-0.0799
				1139.00	0.039	217.8	0.1935
				1139.08	0.056	221.2	0.6258
				1139.17	0.073	224.3	0.8504
				1139.25	0.078	226.1	0.9329
				1139.35	0.084	228.1	1.0137
				1139.42	0.086	229	1.0456
				1139.50	0.086	229.6	1.0563
				1139.58	0.083	229.9	1.0536
				1139.67	0.077	229.8	1.0439
				1139.75	0.064	229.2	1.0181
				1139.83	0.05	227.7	0.9773
				1139.92	0.041	226.3	0.861
				1140.00	0.025	224.6	0.7376
				1140.08	0.011	222.2	0.5654
				1140.17	-0.003	219.5	0.3622
				1140.25	-0.016	216.5	0.142
				1140.33	-0.031	213.7	-0.0328
				1140.42	-0.039	209.5	-0.1829
				1140.50	-0.047	206.6	-0.3923
				1140.58	-0.055	203.5	-0.5228
				1140.67	-0.063	200.2	-0.6435
				1140.75	-0.071	197	-0.7474
				1140.83	-0.075	194.1	-0.8184
				1140.92	-0.073	193.7	-0.8237
				1141.00	-0.069	193.9	-0.8184
				1141.08	-0.063	194.8	-0.8007
				1141.17	-0.055	196.1	-0.774
				1141.25	-0.043	197.6	-0.7376
				1141.33	-0.027	201.9	-0.6613
				1141.42	-0.013	205.7	-0.4349
				1141.50	0.005	209.6	-0.2255
				1141.58	0.021	213.7	0.0328
				1141.67	0.037	217.4	0.3151
				1141.75	0.056	221.1	0.6
				1141.83	0.074	225	0.8104
				1141.92	0.079	226.7	0.9116
				1142.00	0.084	228	1.011
				1142.08	0.087	229	1.0448
				1142.17	0.086	229.6	1.0563
				1142.27	0.082	230	1.0554
				1142.33	0.076	229.9	1.0421
				1142.42	0.064	229.2	1.0128
				1142.50	0.054	228	0.9595
				1142.58	0.044	227	0.8903
				1142.67	0.027	225	0.7643
				1142.75	0.007	221.6	0.6071
				1142.83	-0.006	218.9	0.3107
				1142.92	-0.017	216.1	0.1225
				1143.00	-0.027	213.5	-0.0391
				1143.08	-0.035	210.7	-0.1873
				1143.17	-0.043	208	-0.324
				1143.25	-0.055	205	-0.4607
				1143.33	-0.064	200.1	-0.5876
				1143.42	-0.071	196.9	-0.7509
				1143.50	-0.075	194.7	-0.8069
				1143.58	-0.074	194	-0.8193
				1143.68	-0.067	194.3	-0.8157

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1143.75	-0.062	195.1	-0.7944
				1143.83	-0.054	196.4	-0.7678
				1143.92	-0.046	197.9	-0.7296
				1144.00	-0.037	200	-0.664
				1144.08	-0.02	203.6	-0.5299
				1144.17	0.004	209.5	-0.3426
				1144.25	0.02	213.5	-0.1154
				1144.33	0.036	217.2	0.2929
				1144.42	0.055	221	0.5938
				1144.50	0.07	224.1	0.8282
				1144.58	0.077	226	0.9294
				1144.67	0.083	227.5	0.9977
				1144.75	0.086	229	1.0421
				1144.83	0.086	229.7	1.0598
				1144.92	0.082	229.9	1.0572
				1145.00	0.074	229.6	1.0439
				1145.08	0.066	229	1.0155
				1145.18	0.054	227.9	0.9604
				1145.25	0.041	226.6	0.8717
				1145.33	0.024	224.5	0.7323
				1145.42	0.012	222.3	0.5681
				1145.50	-0.003	219.6	0.3648
				1145.58	-0.021	216.7	0.1571
				1145.67	-0.03	212.4	-0.0213
				1145.75	-0.038	209.7	-0.2459
				1145.83	-0.046	206.8	-0.3843
				1145.92	-0.055	203.6	-0.5166
				1146.00	-0.063	200.4	-0.6373
				1146.08	-0.071	197.1	-0.7456
				1146.17	-0.075	194.7	-0.8069
				1146.25	-0.073	193.8	-0.8237
				1146.33	-0.069	194	-0.8175
				1146.42	-0.062	194.9	-0.7998
				1146.50	-0.055	196.3	-0.7714
				1146.60	-0.043	198.7	-0.7332
				1146.67	-0.03	201.6	-0.6063
				1146.75	-0.012	205.5	-0.4483
				1146.83	0.004	209.6	-0.2343
				1146.92	0.02	213.5	0.0178
				1147.00	0.038	217.3	0.3018
				1147.08	0.062	222.5	0.5894
				1147.17	0.073	225	0.7838
				1147.25	0.078	226.6	0.9444
				1147.33	0.084	228	1.011
				1147.42	0.086	229	1.0448
				1147.50	0.086	229.6	1.0572
				1147.58	0.083	230	1.0572
				1147.67	0.072	229.6	1.0456
				1147.75	0.065	228.9	1.0057
				1147.83	0.054	228.1	0.9587
				1147.92	0.039	226.6	0.8699
				1148.00	0.029	224.9	0.7545
				1148.10	0.011	222.1	0.5468
				1148.17	-0.005	219.1	0.3311
				1148.25	-0.016	216.4	0.1394
				1148.33	-0.026	213.7	-0.032
				1148.42	-0.035	210.9	-0.182
				1148.50	-0.047	208.1	-0.324
				1148.58	-0.055	203.5	-0.4598
				1148.67	-0.064	200.1	-0.6489
				1148.75	-0.072	196.8	-0.7563
				1148.83	-0.075	194.7	-0.8086
				1148.92	-0.073	194.1	-0.8193

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1149.00	-0.071	194	-0.8175
				1149.08	-0.061	194.7	-0.8033
				1149.17	-0.053	196.7	-0.7785
				1149.25	-0.045	198.2	-0.7243
				1149.33	-0.034	200.5	-0.6515
				1149.42	-0.017	204.5	-0.4971
				1149.52	0.004	209.8	-0.3196
				1149.58	0.019	213.5	-0.0018
				1149.67	0.037	217.3	0.2938
				1149.75	0.054	221.1	0.5903
				1149.83	0.068	223.9	0.8069
				1149.92	0.078	226.1	0.9311
				1150.00	0.086	228.3	1.0004
				1150.08	0.086	229.1	1.0519
				1150.17	0.085	229.7	1.0598
				1150.25	0.082	230	1.059
				1150.33	0.077	229.8	1.0456
				1150.42	0.068	229.4	1.0226
				1150.50	0.052	228.4	0.972
				1150.58	0.037	226.4	0.9063
				1150.67	0.026	224.5	0.7305
				1150.75	0.01	222.2	0.5539
				1150.83	-0.004	219.3	0.3382
				1150.92	-0.018	216.2	0.1181
				1151.00	-0.031	212.1	-0.1225
				1151.08	-0.039	209.5	-0.2565
				1151.17	-0.047	206.6	-0.3897
				1151.25	-0.055	203.6	-0.5202
				1151.33	-0.063	200.3	-0.6427
				1151.42	-0.073	195.8	-0.7474
				1151.50	-0.075	194.2	-0.8069
				1151.58	-0.073	193.8	-0.8255
				1151.67	-0.069	194.1	-0.8175
				1151.75	-0.062	195.1	-0.798
				1151.83	-0.054	196.6	-0.7678
				1151.92	-0.039	198.3	-0.7252
				1152.00	-0.022	203.2	-0.624
				1152.08	-0.008	207.2	-0.3737
				1152.17	0.01	210.9	-0.1491
				1152.25	0.027	215	0.1145
				1152.33	0.042	218.8	0.3994
				1152.43	0.059	222.9	0.687
				1152.50	0.07	225.1	0.8264
				1152.58	0.079	226.9	0.9391
				1152.67	0.083	228.2	1.0039
				1152.75	0.086	229.2	1.0439
				1152.83	0.085	229.9	1.0572
				1152.92	0.081	230.3	1.0581
				1153.00	0.076	230	1.0403
				1153.08	0.065	229.4	1.0128
				1153.17	0.053	228.3	0.9604
				1153.25	0.044	227.2	0.8859
				1153.33	0.027	225.3	0.766
				1153.42	0.007	221.8	0.6063
				1153.50	-0.007	218.8	0.4128
				1153.58	-0.02	215.8	0.079
				1153.67	-0.029	212.9	-0.0897
				1153.75	-0.037	210.1	-0.2352
				1153.85	-0.05	205.6	-0.3772
				1153.92	-0.057	202.8	-0.5539
				1154.00	-0.065	199.6	-0.6684
				1154.08	-0.072	196.6	-0.7607
				1154.17	-0.075	194.7	-0.8086

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1154.25	-0.072	194	-0.8211
				1154.33	-0.068	194.2	-0.8184
				1154.42	-0.061	195.2	-0.7944
				1154.50	-0.054	196.6	-0.766
				1154.58	-0.046	198.2	-0.7261
				1154.67	-0.032	201.6	-0.6134
				1154.75	-0.014	205.3	-0.458
				1154.83	0.011	209.3	-0.2556
				1154.92	0.028	215.3	-0.0053
				1155.00	0.043	219.1	0.4261
				1155.08	0.06	222.2	0.6684
				1155.17	0.072	224.8	0.8379
				1155.25	0.076	226.5	0.9258
				1155.35	0.084	228.4	1.0181
				1155.42	0.086	229.4	1.0492
				1155.50	0.086	230	1.0581
				1155.58	0.083	230.3	1.0572
				1155.67	0.077	230.2	1.0474
				1155.75	0.063	229.5	1.0199
				1155.83	0.051	228.1	0.9808
				1155.92	0.041	226.8	0.8654
				1156.00	0.024	224.8	0.7341
				1156.08	0.012	222.5	0.5681
				1156.17	-0.003	219.7	0.3568
				1156.25	-0.017	216.5	0.1225
				1156.33	-0.033	211.9	-0.0675
				1156.42	-0.041	209.1	-0.2175
				1156.50	-0.049	206.1	-0.427
				1156.58	-0.058	202.8	-0.5583
				1156.67	-0.066	199.4	-0.6782
				1156.77	-0.074	195.4	-0.7944
				1156.83	-0.074	194.3	-0.8175
				1156.92	-0.072	194	-0.8202
				1157.00	-0.069	194.2	-0.814
				1157.08	-0.062	195.1	-0.7971
				1157.17	-0.05	196.5	-0.7687
				1157.25	-0.04	199.3	-0.7279
				1157.33	-0.026	202.9	-0.569
				1157.42	-0.008	206.6	-0.3968
				1157.50	0.008	210.7	-0.1766
				1157.58	0.024	214.7	0.0879
				1157.67	0.042	218.4	0.3737
				1157.75	0.063	221.8	0.6338
				1157.83	0.073	225.4	0.7882
				1157.92	0.078	227	0.9453
				1158.00	0.084	228.3	1.0101
				1158.08	0.086	229.3	1.0439
				1158.17	0.086	229.9	1.0563
				1158.27	0.082	230.4	1.0554
				1158.33	0.075	230.2	1.043
				1158.42	0.065	229.4	1.0137
				1158.50	0.057	228.7	0.9684
				1158.58	0.042	227.2	0.8903
				1158.67	0.021	224.4	0.7731
				1158.75	0.009	222	0.6222
				1158.83	-0.007	219.1	0.3062
				1158.92	-0.02	215.9	0.0808
				1159.00	-0.03	212.9	-0.0976
				1159.08	-0.038	210	-0.2485
				1159.17	-0.047	207	-0.3879
				1159.25	-0.059	202.2	-0.5219
				1159.33	-0.067	198.9	-0.6995
				1159.42	-0.073	196	-0.782

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1159.50	-0.075	194.4	-0.8184
				1159.58	-0.073	194	-0.8255
				1159.68	-0.068	194.2	-0.8175
				1159.75	-0.062	195.1	-0.8007
				1159.83	-0.054	196.5	-0.7714
				1159.92	-0.045	198.5	-0.7181
				1160.00	-0.027	202	-0.5992
				1160.08	-0.003	206	-0.4341
				1160.17	0.013	211.9	-0.2201
				1160.25	0.029	215.9	0.1722
				1160.33	0.046	219.5	0.45
				1160.42	0.06	222.6	0.6755
				1160.50	0.069	224.8	0.8166
				1160.58	0.077	226.6	0.9214
				1160.67	0.085	228.6	0.995
				1160.75	0.086	229.5	1.0377
				1160.83	0.085	230.1	1.0572
				1160.92	0.082	230.4	1.0554
				1161.00	0.075	230.1	1.0421
				1161.08	0.068	229.7	1.0181
				1161.17	0.054	228.5	0.9551
				1161.25	0.039	226.9	0.8699
				1161.33	0.027	225	0.7438
				1161.42	0.013	223	0.5858
				1161.50	-0.003	219.9	0.3648
				1161.58	-0.023	215.1	0.1402
				1161.67	-0.033	211.9	-0.1571
				1161.75	-0.041	209	-0.3036
				1161.83	-0.05	205.9	-0.442
				1161.92	-0.058	202.8	-0.5645
				1162.00	-0.065	199.7	-0.6746
				1162.08	-0.073	196.9	-0.758
				1162.17	-0.074	194.6	-0.8015
				1162.25	-0.072	194.2	-0.8157
				1162.33	-0.068	194.4	-0.8095
				1162.42	-0.061	195.4	-0.7918
				1162.50	-0.054	196.8	-0.7634
				1162.60	-0.041	199.4	-0.6924
				1162.67	-0.025	202.8	-0.5734
				1162.75	-0.009	206.7	-0.4012
				1162.83	0.007	210.6	-0.1802
				1162.92	0.025	214.6	0.0843
				1163.00	0.049	218.5	0.3701
				1163.08	0.062	223.1	0.6071
				1163.17	0.07	225.2	0.8415
				1163.25	0.079	227	0.9409
				1163.33	0.084	228.4	1.0057
				1163.42	0.086	229.3	1.0421
				1163.50	0.086	230	1.0572
				1163.58	0.081	230.4	1.0572
				1163.67	0.074	230	1.0483
				1163.75	0.066	229.6	1.0101
				1163.83	0.052	228.4	0.9569
				1163.92	0.042	226.9	0.8734
				1164.02	0.022	224.4	0.6995
				1164.08	0.011	222.6	0.561
				1164.17	-0.005	219.3	0.324
				1164.25	-0.019	216.1	0.0897
				1164.33	-0.03	212.9	-0.1065
				1164.42	-0.043	210	-0.253
				1164.50	-0.051	205.5	-0.3897
				1164.58	-0.059	202.2	-0.585
				1164.67	-0.067	198.9	-0.7003

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1164.75	-0.073	196.2	-0.7793
				1164.83	-0.075	194.5	-0.8149
				1164.92	-0.073	194	-0.8246
				1165.00	-0.067	194.1	-0.8228
				1165.08	-0.06	195.4	-0.8069
				1165.17	-0.053	196.9	-0.7669
				1165.25	-0.037	199.9	-0.679
				1165.33	-0.021	203.7	-0.5415
				1165.42	-0.006	207.6	-0.3551
				1165.52	0.015	213	-0.0541
				1165.58	0.032	216.7	0.2015
				1165.67	0.046	220	0.4536
				1165.75	0.057	222.6	0.6471
				1165.83	0.069	225	0.8078
				1165.92	0.08	227.5	0.9143
				1166.00	0.085	228.9	0.9844
				1166.08	0.086	229.7	1.0456
				1166.17	0.085	230.3	1.0554
				1166.25	0.083	230.5	1.0545
				1166.33	0.077	230.5	1.0421
				1166.42	0.066	229.8	1.0172
				1166.50	0.05	228.3	0.9729
				1166.58	0.041	226.8	0.8592
				1166.67	0.025	225.1	0.7376
				1166.75	0.01	222.7	0.5601
				1166.83	-0.002	219.9	0.3524
				1166.93	-0.021	215.4	0.0364
				1167.00	-0.033	212.2	-0.1482
				1167.08	-0.041	209.3	-0.2938
				1167.17	-0.049	206.3	-0.4287
				1167.25	-0.057	203.2	-0.5521
				1167.33	-0.068	200	-0.6666
				1167.42	-0.073	195.9	-0.7589
				1167.50	-0.074	194.5	-0.8193
				1167.58	-0.072	194.2	-0.8246
				1167.67	-0.069	194.3	-0.8193
				1167.75	-0.063	195.2	-0.8033
				1167.83	-0.055	196.5	-0.7767
				1167.92	-0.036	200.4	-0.7217
				1168.00	-0.02	204.3	-0.6009
				1168.08	-0.004	208	-0.3329
				1168.17	0.013	212.1	-0.1039
				1168.25	0.029	216.2	0.1704
				1168.33	0.044	219.3	0.4243
				1168.43	0.06	223.2	0.6835
				1168.50	0.071	225.6	0.8335
				1168.58	0.078	227.3	0.932
				1168.67	0.083	228.6	0.9986
				1168.75	0.086	229.6	1.0385
				1168.83	0.085	230.4	1.0527
				1168.92	0.083	230.6	1.0519
				1169.00	0.075	230.5	1.0377
				1169.08	0.064	229.7	1.0084
				1169.17	0.057	228.6	0.9622
				1169.25	0.043	227.5	0.8868
				1169.33	0.022	225.6	0.7687
				1169.42	0.008	222.2	0.6213
				1169.50	-0.006	219.3	0.3045
				1169.58	-0.021	215.9	0.0577
				1169.67	-0.032	212.5	-0.1456
				1169.75	-0.041	209.4	-0.3
				1169.85	-0.053	204.8	-0.4989
				1169.92	-0.06	201.8	-0.608

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1170.00	-0.067	198.9	-0.7066
				1170.08	-0.073	196.3	-0.7802
				1170.17	-0.075	194.7	-0.8193
				1170.25	-0.072	194	-0.8291
				1170.33	-0.068	194.4	-0.8264
				1170.42	-0.061	195.4	-0.8015
				1170.50	-0.05	197.3	-0.7598
				1170.58	-0.034	200.9	-0.6515
				1170.67	-0.019	204.5	-0.5113
				1170.75	-0.002	208.4	-0.3275
				1170.83	0.021	214	-0.111
				1170.92	0.034	217.6	0.1243
				1171.00	0.047	220.4	0.4758
				1171.08	0.061	223.3	0.6808
				1171.17	0.07	225.6	0.8264
				1171.25	0.077	227.1	0.924
				1171.33	0.084	229	1.0101
				1171.42	0.087	230	1.0448
				1171.50	0.086	230.5	1.0536
				1171.58	0.083	230.8	1.0536
				1171.67	0.074	230.6	1.0439
				1171.75	0.062	229.7	1.0199
				1171.83	0.054	228.5	0.9498
				1171.92	0.04	227.3	0.8681
				1172.00	0.025	225.3	0.7367
				1172.08	0.014	223.1	0.5814
				1172.17	-0.003	220.3	0.363
				1172.25	-0.024	217	0.1314
				1172.33	-0.035	211.8	-0.0994
				1172.42	-0.043	208.8	-0.3329
				1172.50	-0.051	205.7	-0.4687
				1172.58	-0.059	202.5	-0.5903
				1172.67	-0.066	199.4	-0.6968
				1172.77	-0.074	195.7	-0.7998
				1172.83	-0.074	194.5	-0.8255
				1172.92	-0.073	194.1	-0.8299
				1173.00	-0.07	194.2	-0.8264
				1173.08	-0.063	195.1	-0.8095
				1173.17	-0.048	197.8	-0.7811
				1173.25	-0.032	201.5	-0.6959
				1173.33	-0.016	205.1	-0.4838
				1173.42	0.001	209.2	-0.2876
				1173.50	0.015	213	-0.0657
				1173.58	0.029	216.4	0.1704
				1173.67	0.045	219.7	0.4234
				1173.75	0.063	223.8	0.6293
				1173.83	0.072	226	0.8521
				1173.92	0.079	227.5	0.9427
				1174.00	0.085	228.9	1.0092
				1174.08	0.086	229.9	1.043
				1174.18	0.085	230.6	1.0563
				1174.25	0.083	230.9	1.0545
				1174.33	0.074	230.6	1.0403
				1174.42	0.068	230	1.0146
				1174.50	0.056	229.2	0.9702
				1174.58	0.037	227.7	0.8912
				1174.67	0.022	224.9	0.7864
				1174.75	0.011	222.7	0.5406
				1174.83	-0.006	219.6	0.3098
				1174.92	-0.019	216.3	0.0799
				1175.00	-0.032	212.6	-0.1473
				1175.08	-0.042	209.4	-0.3133
				1175.17	-0.054	206.2	-0.4509

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1175.25	-0.062	201.4	-0.5752
				1175.33	-0.069	198.3	-0.7323
				1175.42	-0.073	196	-0.7962
				1175.50	-0.074	194.6	-0.8246
				1175.58	-0.073	194.2	-0.8308
				1175.68	-0.068	194.4	-0.8228
				1175.75	-0.061	195.4	-0.8051
				1175.83	-0.048	198.2	-0.743
				1175.92	-0.032	201.4	-0.6356
				1176.00	-0.016	205.3	-0.4944
				1176.08	0.005	210.4	-0.3275
				1176.17	0.018	214.1	-0.1314
				1176.25	0.032	217.2	0.2237
				1176.33	0.048	220.6	0.4776
				1176.42	0.059	223.4	0.6631
				1176.50	0.069	225.4	0.8122
				1176.58	0.078	227.3	0.924
				1176.67	0.085	229.2	0.9924
				1176.75	0.086	230.1	1.0465
				1176.83	0.085	230.6	1.0554
				1176.92	0.082	230.9	1.0536
				1177.00	0.077	230.6	1.0412
				1177.10	0.066	229.9	1.0084
				1177.17	0.054	229	0.9578
				1177.25	0.04	227.4	0.8699
				1177.33	0.029	225.6	0.7572
				1177.42	0.013	223.4	0.5912
				1177.50	-0.009	220.5	0.3746
				1177.58	-0.022	215.6	0.1536
				1177.67	-0.034	212.1	-0.1766
				1177.75	-0.043	209	-0.3284
				1177.83	-0.051	205.9	-0.4669
				1177.92	-0.06	202.5	-0.5956
				1178.00	-0.067	199.3	-0.7057
				1178.08	-0.074	196.6	-0.7829
				1178.17	-0.074	194.5	-0.8211
				1178.25	-0.072	194.2	-0.8317
				1178.33	-0.069	194.4	-0.8255
				1178.42	-0.062	195.4	-0.8069
				1178.50	-0.052	197.6	-0.7545
				1178.60	-0.03	202	-0.6071
				1178.67	-0.013	205.9	-0.458
				1178.75	0	209.5	-0.2805
				1178.83	0.014	212.9	-0.0763
				1178.92	0.03	216.6	0.1722
				1179.00	0.051	221.3	0.4163
				1179.08	0.061	223.9	0.7048
				1179.17	0.071	225.9	0.8477
				1179.25	0.079	227.7	0.9489
				1179.33	0.083	229.1	1.0101
				1179.42	0.086	230	1.0483
				1179.50	0.085	230.6	1.0625
				1179.58	0.081	230.9	1.0634
				1179.67	0.075	230.5	1.0448
				1179.75	0.066	230.1	1.0172
				1179.83	0.052	228.8	0.9631
				1179.92	0.044	227.4	0.8885
				1180.02	0.023	225.1	0.7225
				1180.08	0.011	223	0.5752
				1180.17	-0.005	219.9	0.34
				1180.25	-0.018	216.8	0.1083
				1180.33	-0.032	212.9	-0.134
				1180.42	-0.047	209.4	-0.3116

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1180.50	-0.055	204.7	-0.45
				1180.58	-0.062	201.5	-0.6205
				1180.67	-0.069	198.6	-0.7172
				1180.75	-0.073	196.3	-0.7802
				1180.83	-0.074	194.8	-0.8122
				1180.92	-0.073	194.4	-0.8184
				1181.00	-0.067	194.7	-0.8157
				1181.08	-0.058	196.4	-0.8007
				1181.17	-0.043	199.2	-0.6995
				1181.25	-0.027	202.8	-0.5912
				1181.33	-0.015	206	-0.4633
				1181.42	-0.002	209.1	-0.3
				1181.52	0.017	213.9	-0.0311
				1181.58	0.033	217.5	0.2192
				1181.67	0.046	220.7	0.4616
				1181.75	0.058	223.2	0.6586
				1181.83	0.07	225.6	0.8184
				1181.92	0.08	228.1	0.9178
				1182.00	0.084	229.4	1.0217
				1182.08	0.086	230.3	1.0519
				1182.17	0.086	230.7	1.0616
				1182.25	0.083	231	1.0607
				1182.33	0.077	230.9	1.0492
				1182.42	0.064	230.2	1.0234
				1182.50	0.05	228.6	0.9817
				1182.58	0.041	227.2	0.8654
				1182.67	0.025	225.5	0.743
				1182.75	0.011	223.1	0.5699
				1182.83	-0.002	220.3	0.3604
				1182.93	-0.021	215.7	0.0355
				1183.00	-0.034	212.1	-0.1695
				1183.08	-0.043	208.9	-0.3338
				1183.17	-0.052	205.7	-0.4731
				1183.25	-0.06	202.4	-0.5929
				1183.33	-0.07	199.4	-0.6959
				1183.42	-0.074	195.8	-0.7705
				1183.50	-0.074	194.6	-0.8202
				1183.58	-0.072	194.3	-0.8246
				1183.67	-0.069	194.4	-0.8193
				1183.75	-0.062	195.4	-0.8007
				1183.83	-0.047	198.2	-0.7403
				1183.92	-0.024	203.3	-0.632
				1184.00	-0.012	206.7	-0.5148
				1184.08	0.001	209.9	-0.2565
				1184.17	0.017	213.7	-0.0364
				1184.25	0.031	217.2	0.2104
				1184.35	0.05	221.6	0.4349
				1184.42	0.059	223.7	0.6746
				1184.50	0.072	226.1	0.8468
				1184.58	0.078	227.8	0.94
				1184.67	0.083	229.1	1.0048
				1184.75	0.086	230.1	1.0465
				1184.83	0.085	230.9	1.0598
				1184.92	0.082	231	1.0581
				1185.00	0.076	230.9	1.0448
				1185.08	0.064	230.1	1.0155
				1185.17	0.056	229	0.9675
				1185.25	0.043	227.9	0.8947
				1185.33	0.022	226	0.774
				1185.42	0.007	222.5	0.624
				1185.50	-0.006	219.6	0.308
				1185.58	-0.021	216.2	0.0568
				1185.67	-0.034	212.4	-0.1669

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1185.75	-0.044	208.8	-0.3471
				1185.85	-0.055	204.3	-0.5326
				1185.92	-0.062	201.5	-0.6267
				1186.00	-0.067	198.9	-0.7101
				1186.08	-0.072	196.6	-0.774
				1186.17	-0.074	195	-0.8113
				1186.25	-0.072	194.5	-0.8211
				1186.33	-0.068	194.7	-0.8202
				1186.42	-0.058	196.3	-0.7785
				1186.50	-0.041	199.6	-0.7057
				1186.58	-0.029	202.6	-0.6036
				1186.67	-0.017	205.5	-0.4855
				1186.75	-0.001	209.2	-0.3107
				1186.83	0.02	214.4	-0.1083
				1186.92	0.034	217.9	0.1243
				1187.00	0.047	220.8	0.4749
				1187.08	0.061	223.7	0.6799
				1187.17	0.07	225.9	0.8255
				1187.27	0.079	228.2	0.9533
				1187.33	0.084	229.4	1.0092
				1187.42	0.087	230.3	1.0456
				1187.50	0.086	230.8	1.0545
				1187.58	0.083	231.1	1.0536
				1187.67	0.074	230.9	1.043
				1187.75	0.062	230	1.019
				1187.83	0.054	228.8	0.9498
				1187.92	0.041	227.6	0.8672
				1188.00	0.025	225.6	0.7385
				1188.08	0.014	223.3	0.5823
				1188.17	-0.003	220.6	0.3604
				1188.25	-0.024	217.2	0.1243
				1188.33	-0.036	211.8	-0.1047
				1188.42	-0.045	208.5	-0.3666
				1188.50	-0.053	205.4	-0.498
				1188.58	-0.061	202.1	-0.6151
				1188.67	-0.068	199.1	-0.7172
				1188.77	-0.074	195.8	-0.8042
				1188.83	-0.074	194.7	-0.8264
				1188.92	-0.072	194.4	-0.8299
				1189.00	-0.069	194.4	-0.8255
				1189.08	-0.063	195.4	-0.8086
				1189.17	-0.04	199.8	-0.7492
				1189.25	-0.026	203.1	-0.6524
				1189.33	-0.014	206.2	-0.4589
				1189.42	0.002	209.9	-0.2752
				1189.50	0.016	213.5	-0.0648
				1189.58	0.029	216.8	0.1695
				1189.67	0.045	220.2	0.4243
				1189.75	0.063	224.2	0.6293
				1189.83	0.072	226.3	0.7802
				1189.92	0.078	227.8	0.9427
				1190.00	0.085	229.2	1.0092
				1190.08	0.086	230.2	1.0421
				1190.18	0.085	230.9	1.0572
				1190.25	0.083	231.2	1.0554
				1190.33	0.074	230.9	1.0412
				1190.42	0.068	230.2	1.0146
				1190.50	0.057	229.4	0.9711
				1190.58	0.037	227.9	0.8894
				1190.67	0.022	225.2	0.7864
				1190.75	0.011	222.8	0.5423
				1190.83	-0.006	219.9	0.3107
				1190.92	-0.019	216.5	0.0754

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1191.00	-0.033	212.8	-0.1544
				1191.08	-0.044	209.1	-0.3444
				1191.17	-0.056	205.9	-0.4802
				1191.25	-0.063	201.3	-0.5929
				1191.33	-0.069	198.5	-0.7314
				1191.42	-0.073	196.3	-0.79
				1191.50	-0.074	194.9	-0.8193
				1191.58	-0.073	194.5	-0.8255
				1191.68	-0.068	194.6	-0.8193
				1191.75	-0.058	196.3	-0.7882
				1191.83	-0.042	199.6	-0.7074
				1191.92	-0.031	202.1	-0.6205
				1192.00	-0.016	205.6	-0.4935
				1192.08	0.005	210.7	-0.3258
				1192.17	0.019	214.3	-0.1287
				1192.25	0.032	217.6	0.2272
				1192.33	0.048	220.8	0.4731
				1192.42	0.059	223.6	0.6675
				1192.50	0.068	225.7	0.8131
				1192.58	0.078	227.5	0.9231
				1192.67	0.085	229.5	0.995
				1192.75	0.087	230.4	1.0377
				1192.83	0.086	230.9	1.059
				1192.92	0.082	231.1	1.0563
				1193.00	0.076	230.8	1.0412
				1193.10	0.065	230	1.0075
				1193.17	0.054	229.2	0.9604
				1193.25	0.04	227.6	0.8717
				1193.33	0.029	225.7	0.7572
				1193.42	0.013	223.7	0.5929
				1193.50	-0.009	220.7	0.3737
				1193.58	-0.022	215.7	0.1544
				1193.67	-0.035	212	-0.1979
				1193.75	-0.045	208.5	-0.3657
				1193.83	-0.053	205.5	-0.4944
				1193.92	-0.06	202.3	-0.608
				1194.00	-0.067	199.3	-0.7074
				1194.08	-0.074	196.9	-0.7758
				1194.17	-0.074	194.8	-0.814
				1194.25	-0.072	194.5	-0.8255
				1194.33	-0.069	194.7	-0.8193
				1194.42	-0.06	196	-0.7971
				1194.52	-0.039	200.2	-0.7243
				1194.58	-0.029	202.7	-0.6027
				1194.67	-0.013	206.3	-0.4625
				1194.75	0	209.7	-0.2876
				1194.83	0.014	213.1	-0.0843
				1194.92	0.03	216.8	0.166
				1195.00	0.051	221.6	0.4092
				1195.08	0.061	224.1	0.6089
				1195.17	0.071	226.1	0.8406
				1195.25	0.079	227.9	0.9436
				1195.33	0.084	229.3	1.0066
				1195.42	0.086	230.2	1.043
				1195.50	0.086	230.8	1.0563
				1195.58	0.081	231.1	1.0581
				1195.67	0.074	230.7	1.0377
				1195.75	0.066	230.3	1.0101
				1195.83	0.052	229.1	0.9569
				1195.92	0.042	227.6	0.8743
				1196.02	0.026	225.3	0.7279
				1196.08	0.011	223.2	0.561
				1196.17	-0.006	220	0.3249

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1196.25	-0.017	216.9	0.1021
				1196.33	-0.033	213	-0.1491
				1196.42	-0.048	209.2	-0.34
				1196.50	-0.056	204.4	-0.482
				1196.58	-0.062	201.4	-0.64
				1196.67	-0.068	198.7	-0.7243
				1196.75	-0.073	196.5	-0.7838
				1196.83	-0.074	195	-0.8157
				1196.92	-0.073	194.5	-0.8237
				1197.00	-0.067	194.5	-0.8211
				1197.08	-0.052	197.7	-0.79
				1197.17	-0.042	199.9	-0.6968
				1197.25	-0.027	203	-0.5992
				1197.33	-0.014	206.3	-0.4687
				1197.43	0.005	211	-0.3071
				1197.50	0.016	214	-0.0506
				1197.58	0.032	217.6	0.213
				1197.67	0.046	220.9	0.4598
				1197.75	0.057	223.4	0.6498
				1197.83	0.07	225.8	0.8157
				1197.92	0.08	228.3	0.9152
				1198.00	0.084	229.6	1.0199
				1198.08	0.086	230.5	1.0501
				1198.17	0.085	231	1.0598
				1198.25	0.083	231.2	1.059
				1198.33	0.077	231.1	1.0483
				1198.42	0.064	230.4	1.0217
				1198.50	0.05	228.9	0.98
				1198.58	0.041	227.4	0.8628
				1198.67	0.025	225.7	0.7394
				1198.75	0.011	223.3	0.5654
				1198.83	-0.002	220.6	0.3577
				1198.93	-0.02	216.2	0.0577
				1199.00	-0.035	212.2	-0.1855
				1199.08	-0.045	208.6	-0.3693
				1199.17	-0.053	205.3	-0.5024
				1199.25	-0.061	202.3	-0.6107
				1199.33	-0.07	198.1	-0.703
				1199.42	-0.073	196.1	-0.7696
				1199.50	-0.074	194.9	-0.8184
				1199.58	-0.072	194.5	-0.8237
				1199.67	-0.069	194.7	-0.8184
				1199.75	-0.059	196.3	-0.782
				1199.83	-0.042	199.6	-0.7128
				1199.92	-0.024	203.8	-0.6258
				1200.00	-0.012	207.1	-0.4341
				1200.08	0.002	210.2	-0.2654
				1200.17	0.016	213.9	-0.055
				1200.25	0.029	217.4	0.1766
				1200.35	0.049	221.7	0.5051
				1200.42	0.059	223.9	0.6569
				1200.50	0.072	226.4	0.837
				1200.58	0.077	228	0.9311
				1200.67	0.083	229.3	1.003
				1200.75	0.086	230.4	1.0421
				1200.83	0.085	231.2	1.0572
				1200.92	0.082	231.3	1.0563
				1201.00	0.076	231.1	1.0439
				1201.08	0.064	230.4	1.0128
				1201.17	0.057	229.4	0.9684
				1201.25	0.043	228.1	0.8947
				1201.33	0.022	226.3	0.7749
				1201.42	0.008	222.8	0.6258

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1201.50	-0.006	220	0.308
				1201.58	-0.022	216.4	0.0568
				1201.67	-0.034	212.6	-0.1758
				1201.75	-0.046	208.6	-0.3746
				1201.85	-0.057	203.9	-0.5583
				1201.92	-0.062	201.4	-0.6382
				1202.00	-0.068	198.9	-0.7146
				1202.08	-0.072	196.7	-0.7749
				1202.17	-0.074	195.2	-0.8104
				1202.25	-0.072	194.6	-0.8202
				1202.33	-0.067	195.5	-0.8051
				1202.42	-0.054	197.4	-0.7643
				1202.50	-0.04	200.2	-0.695
				1202.58	-0.031	202.7	-0.6125
				1202.67	-0.016	205.8	-0.4909
				1202.75	0.004	209.3	-0.3204
				1202.83	0.019	214.6	-0.1225
				1202.92	0.032	218	0.2299
				1203.00	0.047	221.1	0.4713
				1203.08	0.06	223.9	0.6773
				1203.17	0.068	226	0.8184
				1203.27	0.078	228.4	0.9551
				1203.33	0.084	229.7	1.0119
				1203.42	0.087	230.6	1.0474
				1203.50	0.086	231.1	1.0598
				1203.58	0.083	231.4	1.0598
				1203.67	0.073	231.2	1.0492
				1203.75	0.062	230.3	1.0261
				1203.83	0.054	229.4	0.9578
				1203.92	0.039	227.8	0.8717
				1204.00	0.026	225.9	0.7465
				1204.08	0.013	223.8	0.5867
				1204.17	-0.004	220.8	0.3648
				1204.25	-0.024	215.6	0.1314
				1204.33	-0.036	211.8	-0.1056
				1204.42	-0.048	207.9	-0.4065
				1204.50	-0.056	204.6	-0.5379
				1204.58	-0.065	200.7	-0.6719
				1204.68	-0.069	198	-0.7474
				1204.75	-0.072	196.6	-0.7793
				1204.83	-0.073	195.4	-0.8033
				1204.92	-0.072	194.8	-0.8122
				1205.00	-0.069	194.8	-0.8095
				1205.08	-0.051	197	-0.7722
				1205.17	-0.037	200.8	-0.7154
				1205.25	-0.029	203.3	-0.5867
				1205.33	-0.013	206.5	-0.4571
				1205.42	0.001	210	-0.2805
				1205.50	0.013	213.6	-0.0772
				1205.58	0.03	217	0.1687
				1205.67	0.051	220.3	0.4172
				1205.75	0.062	224.3	0.6125
				1205.83	0.07	226.4	0.845
				1205.92	0.079	228.1	0.9471
				1206.00	0.084	229.4	1.0092
				1206.08	0.086	230.4	1.0456
				1206.18	0.086	231.2	1.0643
				1206.25	0.082	231.5	1.0616
				1206.33	0.075	231.1	1.0474
				1206.42	0.068	230.8	1.0234
				1206.50	0.055	229.6	0.9764
				1206.58	0.036	227.4	0.9001
				1206.67	0.024	225.4	0.7154

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1206.75	0.01	223.3	0.5477
				1206.83	-0.007	220.1	0.3133
				1206.92	-0.018	217	0.1021
				1207.00	-0.033	213.2	-0.1411
				1207.08	-0.05	209.3	-0.3444
				1207.17	-0.058	203.9	-0.5077
				1207.25	-0.063	201.1	-0.6515
				1207.33	-0.069	198.7	-0.7261
				1207.42	-0.072	196.7	-0.7776
				1207.50	-0.073	195.4	-0.8042
				1207.58	-0.072	195	-0.8113
				1207.67	-0.067	195.1	-0.8015
				1207.75	-0.052	197.7	-0.7572
				1207.83	-0.044	199.8	-0.7012
				1207.92	-0.03	202.6	-0.616
				1208.00	-0.01	205.8	-0.4918
				1208.08	0.003	210.8	-0.3417
				1208.17	0.017	214.2	-0.0302
				1208.25	0.033	217.8	0.229
				1208.33	0.046	221.1	0.4651
				1208.42	0.057	223.6	0.6551
				1208.50	0.07	226	0.8211
				1208.58	0.08	228.5	0.9223
				1208.67	0.085	229.8	0.9959
				1208.75	0.086	230.7	1.0545
				1208.83	0.086	231.2	1.0643
				1208.92	0.083	231.4	1.0625
				1209.00	0.077	231.3	1.0492
				1209.10	0.066	230.6	1.0181
				1209.17	0.053	229.4	0.9658
				1209.25	0.043	227.9	0.8894
				1209.33	0.029	226.4	0.7758
				1209.42	0.007	224	0.6063
				1209.50	-0.008	219.7	0.4083
				1209.58	-0.021	216.4	0.0524
				1209.67	-0.036	212.4	-0.1908
				1209.75	-0.046	208.5	-0.3808
				1209.83	-0.055	205.1	-0.5193
				1209.92	-0.061	202.1	-0.6205
				1210.00	-0.07	199.5	-0.7039
				1210.08	-0.073	196.4	-0.7651
				1210.17	-0.074	195.2	-0.8095
				1210.25	-0.072	194.8	-0.8149
				1210.33	-0.068	195.1	-0.8086
				1210.42	-0.057	197.5	-0.7634
				1210.52	-0.039	200.7	-0.6835
				1210.58	-0.029	203	-0.6018
				1210.67	-0.014	206.5	-0.4633
				1210.75	-0.002	209.8	-0.2991
				1210.83	0.014	213.4	-0.0888
				1210.92	0.036	217	0.1571
				1211.00	0.05	221.8	0.3897
				1211.08	0.059	224.2	0.6915
				1211.17	0.071	226.4	0.8441
				1211.25	0.079	228.2	0.9444
				1211.33	0.083	229.5	1.0075
				1211.42	0.086	230.5	1.0492
				1211.50	0.085	231.3	1.0634
				1211.58	0.081	231.5	1.0643
				1211.67	0.076	231.3	1.0465
				1211.75	0.065	230.6	1.019
				1211.83	0.054	229.4	0.9658
				1211.92	0.044	228.3	0.8912

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1212.02	0.026	225.9	0.735
				1212.08	0.01	223.4	0.5539
				1212.17	-0.004	220.3	0.3364
				1212.25	-0.019	217.3	0.1003
				1212.33	-0.033	213.1	-0.1544
				1212.42	-0.05	207.2	-0.3568
				1212.50	-0.057	204	-0.5672
				1212.58	-0.063	201.3	-0.6515
				1212.67	-0.068	199	-0.719
				1212.75	-0.071	197.1	-0.7705
				1212.83	-0.073	195.7	-0.8024
				1212.92	-0.071	195.1	-0.8113
				1213.00	-0.065	195.7	-0.8095
				1213.08	-0.054	198	-0.7527
				1213.17	-0.041	200.4	-0.6924
				1213.25	-0.028	203.2	-0.5974
				1213.33	-0.017	206.3	-0.4776
				1213.43	0.001	211	-0.2512
				1213.50	0.017	214.3	-0.0479
				1213.58	0.031	217.8	0.2042
				1213.67	0.044	221	0.4394
				1213.75	0.058	223.7	0.648
				1213.83	0.073	226.1	0.8069
				1213.92	0.08	228.6	0.9107
				1214.00	0.084	229.8	1.0163
				1214.08	0.087	230.7	1.051
				1214.17	0.086	231.2	1.0607
				1214.25	0.083	231.6	1.0598
				1214.33	0.077	231.4	1.0492
				1214.42	0.062	230.5	1.0234
				1214.50	0.052	229.2	0.9844
				1214.58	0.041	228	0.8672
				1214.67	0.024	225.9	0.7323
				1214.75	0.012	223.5	0.5672
				1214.83	-0.003	220.9	0.3595
				1214.92	-0.021	216.6	0.0568
				1215.00	-0.035	212.4	-0.1908
				1215.08	-0.047	208.4	-0.395
				1215.17	-0.056	204.9	-0.5361
				1215.25	-0.064	202.1	-0.6284
				1215.33	-0.069	198.4	-0.7039
				1215.42	-0.073	196.5	-0.7864
				1215.50	-0.074	195.3	-0.8122
				1215.58	-0.072	194.9	-0.8175
				1215.67	-0.068	195.4	-0.806
				1215.75	-0.055	197.5	-0.7687
				1215.83	-0.038	199.9	-0.7101
				1215.92	-0.025	203.9	-0.6356
				1216.00	-0.014	206.9	-0.4518
				1216.08	0.002	210.5	-0.2663
				1216.17	0.016	214.1	-0.0568
				1216.25	0.029	217.4	0.1766
				1216.35	0.048	221.8	0.4953
				1216.42	0.06	224.3	0.6737
				1216.50	0.07	226.6	0.8344
				1216.58	0.077	228.2	0.9338
				1216.67	0.083	229.6	1.0048
				1216.75	0.087	231	1.0465
				1216.83	0.085	231.5	1.0616
				1216.92	0.082	231.7	1.0607
				1217.00	0.074	231.3	1.0474
				1217.08	0.067	230.7	1.019
				1217.17	0.056	229.9	0.9729

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1217.25	0.037	228.3	0.8921
				1217.33	0.022	225.6	0.79
				1217.42	0.011	223.2	0.5459
				1217.50	-0.006	220.4	0.3196
				1217.58	-0.02	216.9	0.0746
				1217.67	-0.032	213.3	-0.1518
				1217.75	-0.046	209	-0.371
				1217.83	-0.057	204.3	-0.5574
				1217.92	-0.062	201.6	-0.6391
				1218.00	-0.067	199.3	-0.7101
				1218.08	-0.071	197.2	-0.7678
				1218.17	-0.074	195.8	-0.8015
				1218.25	-0.072	194.9	-0.814
				1218.33	-0.067	195.6	-0.7989
				1218.42	-0.053	197.9	-0.758
				1218.50	-0.04	200.4	-0.6924
				1218.58	-0.031	202.8	-0.6116
				1218.67	-0.016	206.1	-0.4864
				1218.75	0.005	209.5	-0.3204
				1218.83	0.019	214.8	-0.1252
				1218.92	0.032	218.1	0.2317
				1219.00	0.048	221.4	0.4776
				1219.08	0.06	224.2	0.6755
				1219.17	0.069	226.3	0.822
				1219.27	0.078	228.6	0.9551
				1219.33	0.084	230	1.0172
				1219.42	0.086	230.9	1.0501
				1219.50	0.086	231.4	1.0634
				1219.58	0.083	231.7	1.0643
				1219.67	0.073	231.3	1.0519
				1219.75	0.064	230.6	1.011
				1219.83	0.054	229.8	0.9613
				1219.92	0.039	228	0.8717
				1220.00	0.028	226	0.7509
				1220.08	0.013	224.1	0.5938
				1220.17	-0.009	221.2	0.3826
				1220.25	-0.023	216.1	0.1571
				1220.33	-0.035	212.5	-0.1944
				1220.42	-0.048	208.2	-0.4083
				1220.50	-0.057	204.6	-0.5521
				1220.58	-0.063	201.6	-0.6506
				1220.68	-0.07	198.1	-0.7492
				1220.75	-0.073	196.5	-0.7873
				1220.83	-0.073	195.4	-0.8086
				1220.92	-0.072	195	-0.814
				1221.00	-0.065	195.8	-0.7998
				1221.08	-0.05	197.7	-0.7643
				1221.17	-0.038	201	-0.7163
				1221.25	-0.029	203.5	-0.5885
				1221.33	-0.013	206.9	-0.4554
				1221.42	0	210.4	-0.2778
				1221.50	0.014	213.8	-0.0763
				1221.58	0.03	217.4	0.1704
				1221.67	0.051	222.1	0.419
				1221.75	0.061	224.8	0.6178
				1221.83	0.07	226.7	0.8459
				1221.92	0.079	228.5	0.948
				1222.00	0.084	229.8	1.0155
				1222.08	0.086	230.8	1.0501
				1222.18	0.086	231.6	1.0669
				1222.25	0.082	231.8	1.0643
				1222.33	0.076	231.5	1.0501
				1222.42	0.068	231.1	1.0261

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1222.50	0.055	230	0.9782
				1222.58	0.036	227.8	0.901
				1222.67	0.024	225.6	0.7181
				1222.75	0.01	223.7	0.5539
				1222.83	-0.006	220.6	0.332
				1222.92	-0.018	217.3	0.103
				1223.00	-0.033	213.5	-0.1456
				1223.08	-0.05	209.6	-0.3471
				1223.17	-0.058	204	-0.5139
				1223.25	-0.064	201.2	-0.6622
				1223.33	-0.069	198.8	-0.7314
				1223.42	-0.072	196.9	-0.7802
				1223.50	-0.074	195.7	-0.8086
				1223.60	-0.071	195	-0.8166
				1223.67	-0.064	196	-0.7998
				1223.75	-0.052	198.1	-0.7572
				1223.83	-0.044	200.1	-0.7048
				1223.92	-0.03	202.8	-0.6196
				1224.00	-0.01	206.1	-0.4935
				1224.08	0.004	211.2	-0.3417
				1224.17	0.016	214.7	-0.0266
				1224.25	0.033	218.2	0.2228
				1224.33	0.047	221.4	0.4687
				1224.42	0.057	224	0.6551
				1224.50	0.069	226.3	0.8175
				1224.58	0.08	228.1	0.9249
				1224.67	0.085	230.2	0.9986
				1224.75	0.086	231	1.0545
				1224.83	0.086	231.5	1.0652
				1224.92	0.083	231.7	1.0634
				1225.00	0.077	231.7	1.051
				1225.08	0.066	231	1.0163
				1225.17	0.052	229.8	0.9658
				1225.25	0.042	228.2	0.8823
				1225.33	0.028	226.7	0.7669
				1225.42	0.006	224.2	0.5947
				1225.50	-0.009	219.9	0.4048
				1225.58	-0.02	216.6	0.0524
				1225.67	-0.036	212.7	-0.1926
				1225.75	-0.047	208.6	-0.3959
				1225.83	-0.056	204.9	-0.5486
				1225.92	-0.064	201.5	-0.6595
				1226.00	-0.071	199.1	-0.7305
				1226.08	-0.073	196.4	-0.7776
				1226.17	-0.074	195.4	-0.814
				1226.25	-0.071	195.4	-0.8122
				1226.33	-0.061	196.7	-0.7918
				1226.42	-0.055	197.8	-0.7625
				1226.52	-0.042	200.7	-0.6906
				1226.58	-0.027	203.6	-0.5983
				1226.67	-0.015	206.9	-0.4651
				1226.75	-0.002	210.1	-0.2982
				1226.83	0.014	213.8	-0.0834
				1226.92	0.036	219	0.1527
				1227.00	0.049	222.2	0.3914
				1227.08	0.06	224.5	0.6915
				1227.17	0.072	226.9	0.8468
				1227.25	0.078	228.6	0.9436
				1227.33	0.083	229.9	1.0119
				1227.42	0.087	230.9	1.051
				1227.50	0.085	231.7	1.0634
				1227.58	0.082	231.8	1.0625
				1227.67	0.076	231.6	1.0492

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1227.75	0.064	230.9	1.019
				1227.83	0.057	229.8	0.972
				1227.92	0.043	228.6	0.8974
				1228.00	0.026	226.3	0.7483
				1228.08	0.011	223.9	0.5734
				1228.17	-0.002	221	0.3577
				1228.25	-0.018	217.6	0.111
				1228.33	-0.038	213.8	-0.1296
				1228.42	-0.049	207.8	-0.3364
				1228.50	-0.058	204.2	-0.5752
				1228.58	-0.065	201.1	-0.6746
				1228.67	-0.069	198.7	-0.7412
				1228.75	-0.073	196.9	-0.7864
				1228.83	-0.074	195.7	-0.8131
				1228.92	-0.07	195.4	-0.8202
				1229.00	-0.061	196.9	-0.8033
				1229.08	-0.053	198.2	-0.7572
				1229.17	-0.04	200.7	-0.6959
				1229.25	-0.029	203.5	-0.6036
				1229.33	-0.017	206.4	-0.4847
				1229.43	0.001	211	-0.2619
				1229.50	0.017	214.7	-0.0479
				1229.58	0.029	218.1	0.1784
				1229.67	0.044	221.1	0.4216
				1229.75	0.062	224	0.6427
				1229.83	0.073	227.3	0.7927
				1229.92	0.078	228.8	0.9507
				1230.00	0.084	230.1	1.0172
				1230.08	0.086	231.1	1.0492
				1230.17	0.086	231.6	1.0616
				1230.25	0.083	231.9	1.0616
				1230.33	0.074	231.7	1.051
				1230.42	0.062	230.8	1.0279
				1230.50	0.054	229.7	0.9569
				1230.58	0.04	228.4	0.8752
				1230.67	0.025	226.4	0.7456
				1230.75	0.014	224.2	0.5885
				1230.85	-0.008	220	0.2823
				1230.92	-0.02	217.1	0.0843
				1231.00	-0.034	213	-0.1758
				1231.08	-0.046	209.2	-0.379
				1231.17	-0.057	205	-0.5468
				1231.25	-0.067	201.7	-0.6604
				1231.33	-0.071	197.9	-0.7421
				1231.42	-0.073	196.4	-0.8024
				1231.50	-0.073	195.7	-0.8149
				1231.58	-0.069	195.7	-0.8122
				1231.67	-0.064	196.3	-0.7962
				1231.75	-0.054	198	-0.7678
				1231.83	-0.037	201.4	-0.7128
				1231.92	-0.027	204.3	-0.5787
				1232.00	-0.014	207.2	-0.45
				1232.08	0.002	211	-0.2636
				1232.17	0.015	214.6	-0.0533
				1232.25	0.03	217.7	0.1722
				1232.35	0.047	221.9	0.4633
				1232.42	0.06	224.7	0.6728
				1232.50	0.068	226.9	0.822
				1232.58	0.077	228.5	0.9302
				1232.67	0.084	230	1.003
				1232.75	0.087	231.4	1.043
				1232.83	0.086	231.8	1.0634
				1232.92	0.083	232	1.0616

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1233.00	0.074	231.7	1.0474
				1233.08	0.068	231.1	1.0217
				1233.17	0.056	230.3	0.9773
				1233.25	0.037	228.8	0.8974
				1233.33	0.022	226	0.7909
				1233.42	0.011	223.7	0.5477
				1233.50	-0.006	220.7	0.316
				1233.58	-0.02	217.2	0.0719
				1233.67	-0.032	213.6	-0.1544
				1233.77	-0.049	207.9	-0.4403
				1233.83	-0.058	204.4	-0.5699
				1233.92	-0.064	201.2	-0.6728
				1234.00	-0.069	198.8	-0.7447
				1234.08	-0.073	196.9	-0.7918
				1234.17	-0.073	195.4	-0.8166
				1234.25	-0.07	195.7	-0.8237
				1234.33	-0.063	196.5	-0.798
				1234.42	-0.052	198.4	-0.7625
				1234.50	-0.042	200.7	-0.6959
				1234.58	-0.031	203.1	-0.6134
				1234.67	-0.015	206.6	-0.4847
				1234.75	0.005	211.6	-0.3222
				1234.83	0.018	215.3	-0.0044
				1234.92	0.032	218.4	0.2317
				1235.00	0.048	221.9	0.4873
				1235.08	0.059	224.6	0.6782
				1235.17	0.069	226.6	0.8237
				1235.27	0.079	229	0.9551
				1235.33	0.085	230.4	1.0199
				1235.42	0.087	231.4	1.0554
				1235.50	0.086	231.8	1.0687
				1235.58	0.081	232.1	1.0687
				1235.67	0.072	231.6	1.0572
				1235.75	0.067	231.1	1.0234
				1235.83	0.054	230.1	0.9684
				1235.92	0.04	228.5	0.8841
				1236.00	0.029	226.6	0.766
				1236.08	0.012	224.5	0.5974
				1236.17	-0.01	221.7	0.3923
				1236.25	-0.023	216.5	0.166
				1236.33	-0.035	212.6	-0.2068
				1236.42	-0.048	208.5	-0.411
				1236.50	-0.057	204.7	-0.5645
				1236.58	-0.065	201.3	-0.6764
				1236.68	-0.071	197.8	-0.774
				1236.75	-0.073	196.4	-0.8033
				1236.83	-0.072	195.8	-0.8131
				1236.92	-0.07	195.7	-0.8131
				1237.00	-0.064	196.4	-0.7989
				1237.08	-0.05	198.9	-0.7687
				1237.17	-0.039	201.3	-0.7208
				1237.25	-0.028	203.9	-0.585
				1237.33	-0.013	207.4	-0.4536
				1237.42	-0.001	210.6	-0.2849
				1237.50	0.014	214.1	-0.0692
				1237.58	0.03	217.7	0.1713
				1237.67	0.051	222.5	0.4136
				1237.75	0.062	225.2	0.6151
				1237.83	0.071	227.1	0.8512
				1237.92	0.078	228.7	0.9391
				1238.00	0.085	230.3	1.0217
				1238.08	0.086	231.1	1.0519
				1238.17	0.086	231.9	1.0669

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1238.25	0.083	232.2	1.0661
				1238.33	0.077	231.8	1.0519
				1238.42	0.068	231.4	1.0279
				1238.50	0.052	230.3	0.9791
				1238.58	0.036	228.1	0.9089
				1238.67	0.026	226.1	0.7332
				1238.75	0.01	224	0.5592
				1238.83	-0.006	220.9	0.3275
				1238.92	-0.017	217.7	0.1039
				1239.00	-0.033	213.8	-0.1509
				1239.08	-0.051	209.7	-0.3613
				1239.17	-0.059	204	-0.5202
				1239.25	-0.066	200.8	-0.6932
				1239.33	-0.071	198.3	-0.7625
				1239.42	-0.073	196.7	-0.7998
				1239.50	-0.073	195.8	-0.8157
				1239.60	-0.069	195.7	-0.8131
				1239.67	-0.062	196.6	-0.798
				1239.75	-0.053	198.3	-0.7634
				1239.83	-0.044	200.2	-0.711
				1239.92	-0.03	203.1	-0.6222
				1240.00	-0.01	207.9	-0.498
				1240.08	0.004	211.4	-0.3435
				1240.17	0.016	214.8	-0.0355
				1240.25	0.032	218.4	0.2166
				1240.33	0.047	221.7	0.4651
				1240.42	0.057	224.2	0.6542
				1240.50	0.069	226.6	0.8157
				1240.58	0.08	229.2	0.9223
				1240.67	0.084	230.4	0.9942
				1240.75	0.086	231.3	1.051
				1240.83	0.086	231.8	1.0616
				1240.92	0.083	232	1.0598
				1241.02	0.073	231.7	1.0421
				1241.08	0.066	231.3	1.0172
				1241.17	0.053	230.1	0.9649
				1241.25	0.043	228.4	0.8805
				1241.33	0.028	227	0.7731
				1241.42	0.007	224.6	0.6036
				1241.50	-0.009	220.2	0.4039
				1241.58	-0.021	216.8	0.0399
				1241.67	-0.036	212.8	-0.2042
				1241.75	-0.047	208.9	-0.3968
				1241.83	-0.056	205.1	-0.5548
				1241.92	-0.065	201.5	-0.6755
				1242.00	-0.072	198.8	-0.7527
				1242.08	-0.073	196.5	-0.7944
				1242.17	-0.072	195.9	-0.8149
				1242.25	-0.069	195.9	-0.8113
				1242.33	-0.061	196.9	-0.7953
				1242.42	-0.056	198.1	-0.7687
				1242.52	-0.041	201.2	-0.6915
				1242.58	-0.028	203.9	-0.6
				1242.67	-0.014	207.1	-0.4678
				1242.75	-0.002	210.5	-0.3
				1242.83	0.014	214.1	-0.0914
				1242.92	0.036	217.6	0.1491
				1243.00	0.05	222.4	0.3888
				1243.08	0.06	224.9	0.6897
				1243.17	0.072	227.1	0.8424
				1243.25	0.079	228.8	0.9409
				1243.33	0.083	230.2	1.0084
				1243.42	0.086	231.1	1.0492

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1243.50	0.085	231.9	1.0625
				1243.58	0.082	232.1	1.0634
				1243.67	0.076	231.9	1.0465
				1243.75	0.065	231.1	1.0172
				1243.83	0.055	230.1	0.9675
				1243.93	0.039	228.1	0.8583
				1244.00	0.026	226.5	0.7376
				1244.08	0.009	223.9	0.5494
				1244.17	-0.004	220.8	0.3284
				1244.25	-0.019	217.7	0.095
				1244.33	-0.033	213.7	-0.1553
				1244.42	-0.051	207.5	-0.363
				1244.50	-0.059	203.9	-0.5965
				1244.58	-0.066	200.7	-0.6986
				1244.67	-0.071	198.3	-0.7643
				1244.75	-0.073	196.8	-0.8007
				1244.83	-0.073	196	-0.814
				1244.92	-0.068	195.8	-0.8149
				1245.00	-0.06	197.1	-0.8015
				1245.08	-0.053	198.7	-0.7563
				1245.17	-0.041	200.8	-0.6995
				1245.25	-0.027	203.8	-0.6009
				1245.33	-0.017	206.8	-0.4838
				1245.43	0.001	211.5	-0.261
				1245.50	0.017	214.9	-0.0479
				1245.58	0.032	218.4	0.2024
				1245.67	0.044	221.6	0.4341
				1245.75	0.058	224.3	0.648
				1245.83	0.073	226.6	0.8086
				1245.92	0.08	229.2	0.9098
				1246.00	0.084	230.5	1.0172
				1246.08	0.087	231.4	1.0527
				1246.17	0.086	231.8	1.0607
				1246.25	0.083	232.1	1.0607
				1246.33	0.077	232	1.0501
				1246.42	0.063	231.1	1.0226
				1246.50	0.051	229.8	0.9844
				1246.58	0.041	228.5	0.8663
				1246.67	0.024	226.5	0.735
				1246.75	0.011	224.1	0.5654
				1246.85	-0.006	220.3	0.3746
				1246.92	-0.02	217.1	0.0621
				1247.00	-0.036	212.8	-0.2068
				1247.08	-0.047	208.8	-0.4083
				1247.17	-0.057	205.1	-0.5557
				1247.25	-0.068	201.4	-0.6773
				1247.33	-0.072	197.9	-0.7483
				1247.42	-0.073	196.5	-0.806
				1247.50	-0.072	195.9	-0.8157
				1247.58	-0.069	195.9	-0.814
				1247.67	-0.064	196.7	-0.7989
				1247.75	-0.055	198	-0.7705
				1247.83	-0.038	200.4	-0.7137
				1247.92	-0.025	204.5	-0.6382
				1248.00	-0.014	207.6	-0.4527
				1248.08	0.002	211.1	-0.2707
				1248.17	0.016	214.7	-0.0541
				1248.25	0.029	218.1	0.1802
				1248.33	0.046	222.4	0.4776
				1248.42	0.06	225	0.6782
				1248.50	0.071	227.2	0.8379
				1248.58	0.077	228.8	0.9329
				1248.67	0.083	230.2	1.0048

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1248.75	0.086	231.6	1.0456
				1248.83	0.085	232	1.0625
				1248.92	0.082	232.2	1.0607
				1249.00	0.075	231.9	1.0483
				1249.08	0.066	231.2	1.0181
				1249.17	0.057	230.5	0.9737
				1249.25	0.042	228.9	0.8947
				1249.33	0.021	226	0.774
				1249.42	0.009	223.5	0.6231
				1249.50	-0.006	220.8	0.3045
				1249.58	-0.022	217	0.047
				1249.67	-0.034	213.2	-0.1891
				1249.77	-0.047	208.2	-0.4252
				1249.83	-0.059	204.3	-0.577
				1249.92	-0.065	201.1	-0.687
				1250.00	-0.07	198.5	-0.7598
				1250.08	-0.073	196.8	-0.8007
				1250.17	-0.072	196	-0.8149
				1250.25	-0.068	196	-0.8157
				1250.33	-0.063	196.8	-0.7944
				1250.42	-0.053	198.4	-0.7625
				1250.50	-0.041	200.9	-0.6986
				1250.58	-0.032	203.2	-0.6187
				1250.67	-0.016	206.6	-0.4935
				1250.75	0.005	211.8	-0.3222
				1250.83	0.019	215.4	-0.1278
				1250.92	0.032	218.7	0.2263
				1251.00	0.048	222	0.4749
				1251.08	0.059	224.8	0.6746
				1251.18	0.073	227.7	0.8202
				1251.25	0.078	229.2	0.9453
				1251.33	0.084	230.5	1.0155
				1251.42	0.086	231.4	1.0492
				1251.50	0.086	231.9	1.0607
				1251.58	0.083	232.2	1.0607
				1251.67	0.072	231.8	1.0492
				1251.75	0.064	231.1	1.0092
				1251.83	0.054	230.3	0.9587
				1251.92	0.039	228.5	0.8672
				1252.00	0.029	226.7	0.7589
				1252.08	0.013	224.6	0.5947
				1252.17	-0.009	221.7	0.3737
				1252.25	-0.024	216.5	0.1438
				1252.33	-0.035	212.8	-0.2086
				1252.42	-0.048	208.6	-0.4199
				1252.50	-0.058	204.7	-0.5708
				1252.58	-0.064	201.4	-0.6808
				1252.68	-0.071	197.9	-0.7785
				1252.75	-0.073	196.6	-0.8078
				1252.83	-0.072	196	-0.8175
				1252.92	-0.07	195.9	-0.8157
				1253.00	-0.064	196.5	-0.8024
				1253.08	-0.051	198.2	-0.7714
				1253.17	-0.038	201.5	-0.7243
				1253.25	-0.029	204.2	-0.5956
				1253.33	-0.013	207.4	-0.4607
				1253.42	0.001	210.9	-0.2823
				1253.50	0.013	214.4	-0.0826
				1253.58	0.029	217.8	0.1607
				1253.67	0.051	221.2	0.4136
				1253.75	0.062	225.2	0.6125
				1253.83	0.07	227.3	0.8433
				1253.92	0.079	229	0.9444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1254.00	0.084	230.3	1.0101
				1254.10	0.086	231.5	1.0474
				1254.18	0.086	232.1	1.0634
				1254.25	0.082	232.3	1.0616
				1254.33	0.076	231.9	1.0474
				1254.42	0.068	231.5	1.0252
				1254.50	0.051	230.5	0.9755
				1254.58	0.037	228.3	0.9089
				1254.67	0.026	226.7	0.7385
				1254.75	0.009	224.1	0.553
				1254.83	-0.003	221.1	0.3346
				1254.92	-0.019	217.8	0.095
				1255.00	-0.038	212	-0.126
				1255.08	-0.049	207.9	-0.3444
				1255.17	-0.058	204.3	-0.5894
				1255.25	-0.066	200.8	-0.6995
				1255.33	-0.071	198.4	-0.766
				1255.42	-0.073	196.8	-0.8033
				1255.50	-0.073	196.1	-0.8166
				1255.60	-0.069	195.8	-0.8157
				1255.68	-0.061	196.9	-0.798
				1255.75	-0.054	198.5	-0.7643
				1255.83	-0.044	200.3	-0.7128
				1255.92	-0.03	203.3	-0.624
				1256.00	-0.01	206.5	-0.4997
				1256.08	0.004	211.6	-0.3426
				1256.17	0.017	215.1	-0.032
				1256.25	0.032	218.6	0.2166
				1256.33	0.047	221.9	0.4669
				1256.42	0.057	224.6	0.6551
				1256.50	0.069	226.8	0.814
				1256.58	0.078	228.6	0.9223
				1256.67	0.085	230.7	1.0004
				1256.75	0.087	231.5	1.0439
				1256.83	0.086	232	1.0643
				1256.92	0.083	232.2	1.0625
				1257.02	0.073	231.9	1.0519
				1257.10	0.063	231.2	1.0306
				1257.17	0.054	230.2	0.9604
				1257.25	0.04	228.7	0.877
				1257.33	0.025	226.7	0.7456
				1257.42	0.014	224.5	0.5885
				1257.50	-0.004	221.6	0.3604
				1257.58	-0.024	218.1	0.1181
				1257.67	-0.038	212.3	-0.1136
				1257.75	-0.049	207.9	-0.3417
				1257.83	-0.058	204.4	-0.5885
				1257.92	-0.066	200.9	-0.6986
				1258.00	-0.071	198.4	-0.7678
				1258.08	-0.073	196.9	-0.8024
				1258.17	-0.073	196.1	-0.8157
				1258.25	-0.068	195.9	-0.8166
				1258.33	-0.06	197.3	-0.8042
				1258.42	-0.053	198.8	-0.7572
				1258.52	-0.044	200.4	-0.7146
				1258.58	-0.03	203.5	-0.6231
				1258.67	-0.01	206.6	-0.5024
				1258.75	0.004	211.7	-0.3453
				1258.83	0.017	215.3	-0.0311
				1258.92	0.033	218.7	0.2157
				1259.00	0.047	222	0.4642
				1259.08	0.057	224.7	0.6524
				1259.17	0.069	226.9	0.8202

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1259.25	0.078	228.7	0.9329
				1259.33	0.085	230.2	1.0004
				1259.42	0.087	231.5	1.0412
				1259.50	0.086	232	1.0607
				1259.58	0.082	232.2	1.059
				1259.67	0.074	231.9	1.0456
				1259.75	0.068	231.3	1.019
				1259.83	0.057	230.5	0.972
				1259.93	0.04	228.6	0.8637
				1260.02	0.025	226.5	0.7376
				1260.08	0.011	224.2	0.5619
				1260.17	-0.003	221.5	0.3488
				1260.25	-0.019	217.9	0.0994
				1260.33	-0.038	214	-0.142
				1260.42	-0.05	207.9	-0.3497
				1260.50	-0.059	203.9	-0.5281
				1260.58	-0.067	200.8	-0.7083
				1260.67	-0.071	198.3	-0.774
				1260.75	-0.073	196.7	-0.8078
				1260.83	-0.073	196.1	-0.8202
				1260.92	-0.07	195.9	-0.8193
				1261.00	-0.061	196.7	-0.806
				1261.08	-0.049	199.1	-0.7776
				1261.17	-0.039	201.5	-0.7305
				1261.25	-0.028	204.1	-0.5974
				1261.35	-0.013	207.5	-0.4625
				1261.43	0.005	210.3	-0.3346
				1261.50	0.019	215.6	-0.1287
				1261.58	0.032	219.1	0.2334
				1261.67	0.047	222.2	0.4669
				1261.75	0.06	225	0.6755
				1261.83	0.071	227.3	0.8388
				1261.92	0.077	228.8	0.9365
				1262.00	0.083	230.3	1.0048
				1262.08	0.087	231.3	1.0448
				1262.17	0.085	232.1	1.059
				1262.25	0.083	232.3	1.0581
				1262.33	0.075	232.1	1.0448
				1262.42	0.064	231.3	1.0155
				1262.50	0.056	230.3	0.9675
				1262.58	0.043	229.1	0.8876
				1262.67	0.027	227	0.7625
				1262.75	0.006	224.7	0.5983
				1262.85	-0.003	220.9	0.3302
				1262.93	-0.024	216.4	0.1083
				1263.00	-0.034	213.1	-0.1873
				1263.08	-0.048	208.4	-0.4287
				1263.17	-0.057	204.7	-0.5796
				1263.25	-0.067	201.4	-0.6853
				1263.33	-0.071	198	-0.7474
				1263.42	-0.073	196.5	-0.8122
				1263.50	-0.072	195.9	-0.8228
				1263.58	-0.069	195.7	-0.8202
				1263.67	-0.063	196.5	-0.8042
				1263.75	-0.052	198.6	-0.758
				1263.83	-0.042	200.9	-0.7048
				1263.92	-0.026	203.1	-0.6364
				1264.00	-0.011	207.8	-0.5246
				1264.08	0.001	211.1	-0.2716
				1264.17	0.017	214.8	-0.055
				1264.27	0.032	219.4	0.2414
				1264.35	0.047	222.2	0.4562
				1264.42	0.057	224.8	0.6444

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1264.50	0.069	227	0.814
				1264.58	0.078	228.7	0.9214
				1264.67	0.085	230.8	0.9968
				1264.75	0.086	231.6	1.051
				1264.83	0.086	232.1	1.0607
				1264.92	0.082	232.3	1.059
				1265.00	0.077	232	1.0465
				1265.08	0.068	231.6	1.0199
				1265.17	0.055	230.5	0.972
				1265.25	0.036	228.3	0.8947
				1265.33	0.026	226.4	0.727
				1265.42	0.01	224.1	0.5512
				1265.50	-0.005	221.1	0.3284
				1265.58	-0.018	217.8	0.0914
				1265.67	-0.034	212.7	-0.1979
				1265.77	-0.046	209	-0.3781
				1265.85	-0.061	203.3	-0.5423
				1265.92	-0.066	200.7	-0.703
				1266.00	-0.071	198	-0.7731
				1266.08	-0.073	196.5	-0.8086
				1266.17	-0.072	195.9	-0.822
				1266.25	-0.069	195.8	-0.8193
				1266.33	-0.062	196.6	-0.8033
				1266.42	-0.053	198.4	-0.7687
				1266.50	-0.039	200.1	-0.7288
				1266.58	-0.025	204.4	-0.6471
				1266.67	-0.014	207.1	-0.482
				1266.75	-0.003	210.1	-0.3267
				1266.83	0.014	214	-0.1012
				1266.92	0.036	219.3	0.1465
				1267.00	0.05	222.5	0.3808
				1267.08	0.059	224.9	0.6826
				1267.18	0.07	227	0.8237
				1267.27	0.08	228.7	0.916
				1267.33	0.085	230.7	0.9862
				1267.42	0.086	231.5	1.0483
				1267.50	0.086	232	1.0581
				1267.58	0.083	232.3	1.0563
				1267.67	0.077	232.2	1.0439
				1267.75	0.067	231.5	1.019
				1267.83	0.05	230	0.972
				1267.92	0.038	228.3	0.9036
				1268.00	0.026	226.6	0.7252
				1268.08	0.009	224.1	0.5432
				1268.17	-0.005	221.1	0.324
				1268.25	-0.018	217.8	0.0861
				1268.33	-0.033	213.8	-0.1624
				1268.42	-0.051	209.7	-0.371
				1268.50	-0.06	203.9	-0.5352
				1268.58	-0.066	200.8	-0.711
				1268.68	-0.07	198.7	-0.7669
				1268.75	-0.073	196.9	-0.8069
				1268.83	-0.072	196	-0.822
				1268.92	-0.069	196.1	-0.8228
				1269.00	-0.063	196.8	-0.8015
				1269.08	-0.052	198.6	-0.7687
				1269.17	-0.041	200.9	-0.7083
				1269.25	-0.031	203.4	-0.624
				1269.33	-0.016	206.8	-0.498
				1269.42	0.005	210.2	-0.332
				1269.50	0.019	215.6	-0.1314
				1269.58	0.032	219.1	0.2246
				1269.67	0.047	222.2	0.4687

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1269.75	0.06	224.9	0.6711
				1269.83	0.07	227.3	0.8326
				1269.92	0.077	228.8	0.9302
				1270.00	0.083	230.3	1.0013
				1270.10	0.086	231.6	1.0519
				1270.17	0.086	232.1	1.0607
				1270.25	0.083	232.4	1.0598
				1270.33	0.077	232.2	1.0492
				1270.42	0.063	231.3	1.0226
				1270.50	0.051	230.1	0.9826
				1270.58	0.041	228.8	0.8663
				1270.67	0.024	226.7	0.7341
				1270.75	0.012	224.3	0.5663
				1270.83	-0.003	221.7	0.3693
				1270.92	-0.025	216.4	0.1252
				1271.00	-0.037	212.4	-0.1216
				1271.08	-0.048	208.7	-0.4287
				1271.17	-0.059	204.5	-0.5903
				1271.25	-0.065	201.2	-0.6986
				1271.33	-0.07	198.7	-0.7687
				1271.42	-0.073	197	-0.8086
				1271.52	-0.072	196.1	-0.8237
				1271.60	-0.07	195.9	-0.8228
				1271.67	-0.064	196.6	-0.8078
				1271.75	-0.054	198.2	-0.7785
				1271.83	-0.038	201.6	-0.7225
				1271.92	-0.026	204.6	-0.648
				1272.00	-0.014	207.6	-0.4589
				1272.08	0.002	211.2	-0.2761
				1272.17	0.016	214.8	-0.0683
				1272.25	0.029	218.3	0.1749
				1272.33	0.045	221.6	0.4234
				1272.42	0.062	224.4	0.6364
				1272.50	0.073	227.7	0.7882
				1272.58	0.078	229.4	0.9489
				1272.67	0.084	230.6	1.0146
				1272.75	0.087	231.6	1.0492
				1272.83	0.086	232.1	1.0598
				1272.92	0.083	232.4	1.059
				1273.02	0.076	232.2	1.043
				1273.08	0.065	231.5	1.0155
				1273.17	0.052	230.3	0.9649
				1273.25	0.044	229	0.8903
				1273.33	0.022	226.3	0.7847
				1273.42	0.011	224.3	0.5699
				1273.50	-0.008	220.6	0.3914
				1273.58	-0.02	217.5	0.0843
				1273.67	-0.036	212.6	-0.1234
				1273.75	-0.047	209	-0.3941
				1273.83	-0.057	204.9	-0.5725
				1273.92	-0.065	201.5	-0.6897
				1274.00	-0.071	198.7	-0.766
				1274.08	-0.073	197	-0.806
				1274.17	-0.072	196.1	-0.822
				1274.25	-0.069	196.1	-0.8193
				1274.33	-0.061	197.1	-0.8051
				1274.43	-0.052	198.7	-0.7705
				1274.52	-0.04	201.1	-0.703
				1274.58	-0.026	204.3	-0.6018
				1274.67	-0.013	207.8	-0.4669
				1274.75	0	210.9	-0.3098
				1274.83	0.019	214.1	-0.1278
				1274.92	0.035	219.2	0.1101

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1275.00	0.046	222.2	0.4704
				1275.08	0.06	224.9	0.6773
				1275.17	0.071	227.2	0.8326
				1275.25	0.077	228.9	0.9285
				1275.33	0.083	230.3	1.0021
				1275.42	0.086	231.3	1.043
				1275.50	0.085	232.1	1.0581
				1275.58	0.083	232.3	1.0572
				1275.67	0.075	232	1.0448
				1275.75	0.065	231.4	1.0155
				1275.83	0.057	230.6	0.9693
				1275.93	0.041	228.7	0.8654
				1276.00	0.024	226.6	0.7323
				1276.08	0.011	224.3	0.5619
				1276.17	-0.002	221.6	0.3524
				1276.25	-0.019	218	0.1003
				1276.33	-0.038	214.1	-0.1509
				1276.42	-0.05	208.1	-0.3488
				1276.50	-0.059	204	-0.529
				1276.58	-0.066	200.9	-0.711
				1276.67	-0.072	198.3	-0.7776
				1276.75	-0.073	196.9	-0.8104
				1276.83	-0.072	196.2	-0.822
				1276.92	-0.07	196	-0.8211
				1277.00	-0.061	196.9	-0.8069
				1277.08	-0.049	199.2	-0.7793
				1277.17	-0.041	201.4	-0.6986
				1277.25	-0.028	204.2	-0.6009
				1277.35	-0.016	207.3	-0.4855
				1277.43	0.005	210.4	-0.332
				1277.50	0.019	215.7	-0.1331
				1277.58	0.032	219.2	0.2308
				1277.67	0.047	222.3	0.4722
				1277.75	0.06	225.1	0.6764
				1277.83	0.07	227.4	0.8353
				1277.92	0.077	229	0.9338
				1278.00	0.083	230.5	1.0048
				1278.08	0.086	231.4	1.0439
				1278.17	0.085	232.3	1.059
				1278.25	0.083	232.4	1.0581
				1278.33	0.076	232.2	1.0448
				1278.42	0.064	231.5	1.0119
				1278.50	0.055	230.4	0.9604
				1278.58	0.043	229.2	0.8841
				1278.67	0.027	227.2	0.7607
				1278.75	0.006	224.9	0.5956
				1278.85	-0.005	221.2	0.3275
				1278.92	-0.017	218	0.0941
				1279.00	-0.033	214	-0.1651
				1279.08	-0.051	209.9	-0.3755
				1279.17	-0.06	204.1	-0.5388
				1279.25	-0.067	200.6	-0.6693
				1279.33	-0.071	198.3	-0.7838
				1279.42	-0.073	196.8	-0.8184
				1279.50	-0.072	196.2	-0.8273
				1279.58	-0.07	196.1	-0.8255
				1279.67	-0.064	196.8	-0.8122
				1279.75	-0.05	198.4	-0.7811
				1279.83	-0.038	201.8	-0.7341
				1279.92	-0.029	204.6	-0.6018
				1280.00	-0.014	207.6	-0.4713
				1280.08	0.001	211.2	-0.2894
				1280.17	0.013	214.8	-0.087

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1280.27	0.034	219.8	0.1616
				1280.35	0.047	222.6	0.4758
				1280.42	0.061	225.3	0.6835
				1280.50	0.071	227.6	0.8353
				1280.58	0.077	229.2	0.9276
				1280.67	0.083	230.6	1.0004
				1280.75	0.086	231.6	1.0421
				1280.83	0.085	232.4	1.0581
				1280.92	0.082	232.5	1.059
				1281.00	0.076	232.3	1.0421
				1281.08	0.065	231.6	1.0128
				1281.17	0.053	230.5	0.9604
				1281.25	0.044	229.1	0.8841
				1281.33	0.028	227.4	0.766
				1281.42	0.007	225	0.5992
				1281.50	-0.009	220.6	0.3994
				1281.58	-0.023	216.8	0.1482
				1281.68	-0.035	213.2	-0.2192
				1281.77	-0.045	209.7	-0.3764
				1281.83	-0.061	205.7	-0.5468
				1281.92	-0.067	200.6	-0.6746
				1282.00	-0.071	198.4	-0.7785
				1282.08	-0.073	196.9	-0.8131
				1282.17	-0.072	196.3	-0.8237
				1282.25	-0.069	196.3	-0.822
				1282.33	-0.064	196.9	-0.806
				1282.42	-0.055	198.4	-0.7776
				1282.50	-0.038	200.7	-0.7217
				1282.58	-0.025	204.8	-0.6462
				1282.67	-0.014	208	-0.4589
				1282.75	0.001	211.4	-0.2796
				1282.83	0.016	215.1	-0.0621
				1282.92	0.031	218.8	0.1979
				1283.00	0.045	221.9	0.4412
				1283.08	0.058	224.7	0.6435
				1283.18	0.071	227.8	0.8486
				1283.25	0.079	229.5	0.9409
				1283.33	0.083	230.8	1.0048
				1283.42	0.086	231.7	1.0474
				1283.50	0.085	232.3	1.0607
				1283.58	0.081	232.6	1.0625
				1283.67	0.073	232.2	1.051
				1283.75	0.066	231.7	1.0128
				1283.83	0.053	230.6	0.9622
				1283.92	0.04	229.1	0.8752
				1284.00	0.029	227.3	0.7625
				1284.08	0.013	225	0.5921
				1284.17	-0.009	222.1	0.3772
				1284.25	-0.024	216.9	0.1438
				1284.33	-0.035	213.1	-0.2175
				1284.42	-0.048	208.9	-0.4287
				1284.50	-0.059	204.7	-0.5921
				1284.60	-0.068	200.3	-0.6977
				1284.67	-0.071	198.2	-0.7572
				1284.75	-0.073	196.8	-0.8149
				1284.83	-0.072	196.3	-0.8237
				1284.92	-0.069	196.2	-0.822
				1285.00	-0.064	196.9	-0.806
				1285.08	-0.055	198.4	-0.7767
				1285.17	-0.038	200.8	-0.7217
				1285.25	-0.025	204.9	-0.6462
				1285.33	-0.014	208	-0.4616
				1285.42	0.002	211.4	-0.2769

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1285.50	0.016	215.1	-0.0639
				1285.58	0.031	218.9	0.1988
				1285.67	0.045	221.8	0.4367
				1285.75	0.058	224.8	0.6489
				1285.83	0.073	227.1	0.8024
				1285.92	0.08	229.6	0.9107
				1286.00	0.084	230.9	1.0155
				1286.10	0.086	231.8	1.0492
				1286.17	0.085	232.3	1.0616
				1286.25	0.081	232.7	1.0625
				1286.33	0.075	232.3	1.0439
				1286.42	0.066	231.8	1.0128
				1286.50	0.052	230.6	0.9595
				1286.58	0.041	229.1	0.8752
				1286.67	0.029	227.4	0.7607
				1286.75	0.012	225	0.5903
				1286.83	-0.009	222.1	0.3746
				1286.92	-0.024	216.9	0.1402
				1287.00	-0.035	213.2	-0.2192
				1287.08	-0.048	208.9	-0.4314
				1287.17	-0.059	204.6	-0.6
				1287.25	-0.065	201.4	-0.7021
				1287.33	-0.07	198.9	-0.7731
				1287.42	-0.073	197.2	-0.814
				1287.52	-0.072	196.3	-0.8282
				1287.58	-0.07	196.2	-0.8273
				1287.67	-0.064	196.8	-0.8113
				1287.75	-0.054	198.5	-0.782
				1287.83	-0.038	200.7	-0.727
				1287.92	-0.025	204.9	-0.6524
				1288.00	-0.014	208	-0.4633
				1288.08	0.002	211.4	-0.2814
				1288.17	0.016	215.1	-0.0666
				1288.25	0.03	218.9	0.1953
				1288.33	0.045	221.9	0.4385
				1288.42	0.058	224.9	0.6506
				1288.50	0.073	227.1	0.8042
				1288.58	0.08	229.7	0.9081
				1288.67	0.083	231	1.0155
				1288.75	0.086	231.8	1.0492
				1288.83	0.085	232.3	1.059
				1288.92	0.083	232.6	1.059
				1289.02	0.074	232.3	1.0492
				1289.08	0.066	231.8	1.0119
				1289.17	0.053	230.6	0.9587
				1289.25	0.041	229.1	0.8743
				1289.33	0.029	227.4	0.7598
				1289.42	0.012	225.1	0.5894
				1289.50	-0.009	222.2	0.3755
				1289.58	-0.024	217	0.1376
				1289.67	-0.035	213.2	-0.2166
				1289.75	-0.048	209	-0.4358
				1289.83	-0.059	204.7	-0.5983
				1289.92	-0.065	201.5	-0.7012
				1290.00	-0.07	199	-0.774
				1290.08	-0.073	197.3	-0.8131
				1290.17	-0.072	196.5	-0.8264
				1290.25	-0.068	196.4	-0.8273
				1290.33	-0.062	197.5	-0.8051
				1290.43	-0.053	198.9	-0.7767
				1290.52	-0.043	200.8	-0.7296
				1290.58	-0.024	205.2	-0.6364
				1290.67	-0.011	208.4	-0.5246

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1290.75	0.001	211.8	-0.2707
				1290.83	0.017	215.3	-0.0577
				1290.92	0.032	218.9	0.1979
				1291.00	0.044	222.2	0.4358
				1291.08	0.057	224.9	0.6462
				1291.17	0.07	227.3	0.8193
				1291.25	0.08	229.1	0.9187
				1291.33	0.085	231.1	0.9906
				1291.42	0.086	231.9	1.051
				1291.50	0.086	232.4	1.0607
				1291.58	0.082	232.7	1.0598
				1291.67	0.077	232.4	1.0465
				1291.75	0.068	231.9	1.0208
				1291.85	0.052	230.4	0.9524
				1291.93	0.04	229.1	0.8779
				1292.00	0.026	227.1	0.7421
				1292.08	0.014	225	0.5796
				1292.17	-0.003	222	0.3622
				1292.25	-0.025	218.5	0.111
				1292.33	-0.037	212.7	-0.1216
				1292.42	-0.047	208.8	-0.4358
				1292.50	-0.059	204.9	-0.5921
				1292.58	-0.066	201.4	-0.7021
				1292.67	-0.07	198.9	-0.7722
				1292.75	-0.073	197.3	-0.8113
				1292.83	-0.072	196.5	-0.8264
				1292.92	-0.068	196.5	-0.8273
				1293.00	-0.061	197.6	-0.814
				1293.08	-0.053	199	-0.7687
				1293.17	-0.04	201.5	-0.7092
				1293.25	-0.028	204.4	-0.6151
				1293.35	-0.012	208.3	-0.5157
				1293.43	0.001	211.9	-0.2743
				1293.50	0.017	215.4	-0.0488
				1293.58	0.033	219.2	0.2228
				1293.67	0.047	222.5	0.466
				1293.75	0.057	225.1	0.6498
				1293.83	0.069	227.3	0.8122
				1293.92	0.079	229.2	0.9187
				1294.00	0.085	231.2	0.9924
				1294.08	0.086	232	1.0519
				1294.17	0.086	232.5	1.0616
				1294.25	0.082	232.7	1.0598
				1294.33	0.075	232.4	1.0456
				1294.42	0.068	232	1.0199
				1294.50	0.056	230.9	0.9737
				1294.58	0.037	229.5	0.8947
				1294.67	0.022	226.7	0.7891
				1294.77	0.011	224.6	0.5628
				1294.85	-0.002	222.1	0.3737
				1294.92	-0.017	218.5	0.1154
				1295.00	-0.039	212.4	-0.1509
				1295.08	-0.049	208.3	-0.3586
				1295.17	-0.058	204.7	-0.5992
				1295.25	-0.066	201.2	-0.7119
				1295.33	-0.071	198.7	-0.7793
				1295.42	-0.073	197.2	-0.8149
				1295.50	-0.072	196.4	-0.8273
				1295.58	-0.07	196.3	-0.8282
				1295.67	-0.06	197.6	-0.8131
				1295.75	-0.05	199.4	-0.7873
				1295.83	-0.042	201.5	-0.7074
				1295.92	-0.028	204.4	-0.6134

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1296.00	-0.014	207.8	-0.4784
				1296.08	-0.002	211.2	-0.3116
				1296.17	0.014	214.7	-0.103
				1296.27	0.032	219.3	0.2095
				1296.35	0.048	222.7	0.4704
				1296.42	0.059	225.4	0.6666
				1296.50	0.069	227.5	0.814
				1296.58	0.078	229.3	0.9231
				1296.67	0.085	230.7	0.9968
				1296.75	0.086	232.1	1.0377
				1296.83	0.086	232.6	1.0581
				1296.92	0.083	232.8	1.0554
				1297.00	0.074	232.5	1.0465
				1297.08	0.066	231.8	1.0181
				1297.17	0.057	231	0.972
				1297.25	0.042	229.5	0.893
				1297.33	0.022	227.6	0.7731
				1297.42	0.007	224.1	0.6222
				1297.50	-0.006	221.2	0.2982
				1297.58	-0.022	217.6	0.0462
				1297.68	-0.038	213.7	-0.1944
				1297.77	-0.05	208.2	-0.3533
				1297.83	-0.059	204.3	-0.6107
				1297.92	-0.066	201.1	-0.7137
				1298.00	-0.072	198.5	-0.7802
				1298.08	-0.073	197.1	-0.8131
				1298.17	-0.073	196.4	-0.8264
				1298.25	-0.07	196.3	-0.8255
				1298.33	-0.061	197.1	-0.8113
				1298.42	-0.05	199.5	-0.7847
				1298.50	-0.042	201.5	-0.7039
				1298.58	-0.028	204.5	-0.6089
				1298.67	-0.014	207.8	-0.4758
				1298.75	0	211.5	-0.2894
				1298.83	0.014	214.8	-0.0843
				1298.92	0.03	218.5	0.1633
				1299.00	0.051	221.9	0.4163
				1299.08	0.062	225.8	0.6142
				1299.18	0.068	227.8	0.822
				1299.25	0.077	229.5	0.9276
				1299.33	0.085	230.9	1.0013
				1299.42	0.086	232.2	1.0412
				1299.50	0.085	232.6	1.059
				1299.58	0.082	232.9	1.059
				1299.67	0.075	232.6	1.0456
				1299.75	0.064	231.9	1.0163
				1299.83	0.057	231	0.9702
				1299.92	0.043	229.6	0.8921
				1300.00	0.022	227.6	0.7731
				1300.08	0.007	224.1	0.6222
				1300.17	-0.007	220.8	0.4057
				1300.25	-0.021	217.6	0.0328
				1300.33	-0.036	213.4	-0.213
				1300.42	-0.047	209.2	-0.4145
				1300.50	-0.056	205.6	-0.5663
				1300.60	-0.066	200.8	-0.719
				1300.68	-0.071	198.7	-0.7749
				1300.75	-0.073	197.1	-0.8122
				1300.83	-0.072	196.4	-0.8228
				1300.92	-0.07	196.3	-0.8211
				1301.00	-0.063	197.1	-0.8078
				1301.08	-0.05	198.6	-0.7785
				1301.17	-0.038	201.9	-0.7305

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1301.25	-0.029	204.6	-0.6027
				1301.33	-0.013	207.9	-0.4696
				1301.42	0.001	211.4	-0.2911
				1301.50	0.014	215	-0.0826
				1301.58	0.029	218.4	0.1589
				1301.67	0.05	221.8	0.4128
				1301.75	0.062	225.9	0.6169
				1301.83	0.072	228.1	0.79
				1301.92	0.078	229.7	0.9524
				1302.02	0.084	231.1	1.0155
				1302.08	0.086	231.9	1.0465
				1302.17	0.085	232.7	1.0616
				1302.25	0.083	232.9	1.0607
				1302.33	0.075	232.6	1.0465
				1302.42	0.064	231.9	1.0172
				1302.50	0.057	230.9	0.9693
				1302.58	0.043	229.6	0.8939
				1302.67	0.028	227.6	0.7731
				1302.75	0.006	223.9	0.6009
				1302.83	-0.008	220.8	0.3932
				1302.92	-0.021	217.5	0.0328
				1303.00	-0.036	213.5	-0.2121
				1303.08	-0.047	209.2	-0.419
				1303.17	-0.056	205.5	-0.5708
				1303.25	-0.065	202	-0.6906
				1303.33	-0.071	199.1	-0.7731
				1303.42	-0.073	197.4	-0.8104
				1303.52	-0.072	196.4	-0.8291
				1303.60	-0.07	196.3	-0.8282
				1303.67	-0.064	197	-0.8149
				1303.75	-0.05	198.6	-0.7847
				1303.83	-0.037	202	-0.7367
				1303.92	-0.029	204.8	-0.6054
				1304.00	-0.014	207.9	-0.4669
				1304.08	0.002	211.7	-0.2761
				1304.17	0.016	215.4	-0.0595
				1304.25	0.029	218.6	0.1713
				1304.33	0.045	222	0.419
				1304.42	0.063	224.9	0.6347
				1304.50	0.073	228.2	0.7909
				1304.58	0.078	229.8	0.9471
				1304.67	0.084	231	1.0119
				1304.75	0.087	232	1.0483
				1304.83	0.086	232.5	1.0572
				1304.93	0.081	232.8	1.0572
				1305.02	0.076	232.6	1.0412
				1305.08	0.066	231.9	1.0137
				1305.17	0.053	230.8	0.9595
				1305.25	0.044	229.4	0.8841
				1305.33	0.028	227.6	0.7687
				1305.42	0.006	225.3	0.5992
				1305.50	-0.009	220.9	0.3914
				1305.58	-0.021	217.3	0.0328
				1305.67	-0.035	213.6	-0.2139
				1305.75	-0.049	208.9	-0.442
				1305.83	-0.057	205.2	-0.5867
				1305.92	-0.064	201.9	-0.6968
				1306.00	-0.071	199.2	-0.7731
				1306.08	-0.073	197.4	-0.8131
				1306.17	-0.072	196.4	-0.8291
				1306.25	-0.069	196.6	-0.8273
				1306.33	-0.063	197.3	-0.8095
				1306.43	-0.054	198.7	-0.7838

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1306.52	-0.038	200.9	-0.7305
				1306.58	-0.026	205.1	-0.6542
				1306.67	-0.014	208.2	-0.466
				1306.75	0.002	211.7	-0.2849
				1306.83	0.016	215.4	-0.0675
				1306.92	0.029	218.9	0.1758
				1307.00	0.044	222	0.4234
				1307.08	0.058	225	0.648
				1307.17	0.073	227.3	0.8042
				1307.25	0.08	229.9	0.9072
				1307.33	0.084	231.1	1.011
				1307.42	0.087	232	1.0474
				1307.50	0.085	232.5	1.0563
				1307.58	0.083	232.8	1.0563
				1307.67	0.078	232.7	1.0448
				1307.75	0.066	232	1.0172
				1307.85	0.05	230.4	0.9418
				1307.93	0.042	229.2	0.8743
				1308.00	0.029	227.6	0.758
				1308.08	0.012	225.2	0.5832
				1308.17	-0.01	222.3	0.3675
				1308.25	-0.024	217.1	0.1358
				1308.33	-0.035	213.3	-0.2228
				1308.42	-0.048	209.1	-0.4376
				1308.50	-0.059	204.7	-0.6063
				1308.58	-0.065	201.5	-0.7083
				1308.67	-0.07	199.1	-0.7776
				1308.75	-0.073	197.4	-0.8175
				1308.83	-0.072	196.6	-0.8317
				1308.92	-0.068	196.6	-0.8335
				1309.00	-0.063	197.6	-0.8104
				1309.08	-0.053	199	-0.7785
				1309.17	-0.04	201.6	-0.7154
				1309.25	-0.029	204.5	-0.6196
				1309.35	-0.012	208.6	-0.5264
				1309.43	0.001	211.8	-0.2778
				1309.50	0.017	215.6	-0.0524
				1309.58	0.032	219.1	0.1926
				1309.67	0.044	222.4	0.4261
				1309.75	0.058	225.1	0.6418
				1309.83	0.072	227.4	0.8086
				1309.92	0.08	230	0.9081
				1310.00	0.084	231.3	0.9888
				1310.08	0.086	232.1	1.0492
				1310.17	0.086	232.6	1.059
				1310.25	0.083	232.8	1.0581
				1310.33	0.077	232.6	1.0448
				1310.42	0.068	232.1	1.0208
				1310.50	0.051	231	0.9711
				1310.58	0.037	228.8	0.9027
				1310.67	0.026	226.9	0.7225
				1310.77	0.01	224.7	0.5557
				1310.85	-0.009	222.3	0.3772
				1310.92	-0.024	217	0.1394
				1311.00	-0.036	212.9	-0.1198
				1311.08	-0.048	209	-0.4429
				1311.17	-0.059	204.9	-0.5992
				1311.25	-0.066	201.5	-0.7057
				1311.33	-0.07	199	-0.7749
				1311.42	-0.073	197.4	-0.8157
				1311.50	-0.072	196.6	-0.8308
				1311.58	-0.068	196.6	-0.8308
				1311.67	-0.061	197.7	-0.8184

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1311.75	-0.053	199	-0.7722
				1311.83	-0.04	201.5	-0.7128
				1311.92	-0.028	204.4	-0.6187
				1312.00	-0.017	207.5	-0.4962
				1312.08	-0.001	211	-0.3204
				1312.18	0.02	216.3	-0.0124
				1312.27	0.031	219.3	0.19
				1312.33	0.046	222.7	0.4562
				1312.42	0.058	225.2	0.656
				1312.50	0.07	227.5	0.8149
				1312.58	0.08	229.4	0.9196
				1312.67	0.085	231.4	0.9924
				1312.75	0.086	232.2	1.0492
				1312.83	0.086	232.7	1.0598
				1312.92	0.082	232.9	1.0581
				1313.00	0.075	232.6	1.0448
				1313.08	0.068	232.1	1.0199
				1313.17	0.056	231.1	0.9755
				1313.25	0.037	229.7	0.8947
				1313.33	0.022	226.8	0.7909
				1313.42	0.011	224.4	0.5361
				1313.50	-0.006	221.5	0.3045
				1313.58	-0.022	217.7	0.0382
				1313.68	-0.037	212.8	-0.1678
				1313.77	-0.049	208.5	-0.3346
				1313.83	-0.058	204.8	-0.6018
				1313.92	-0.067	201.3	-0.711
				1314.00	-0.071	198.9	-0.7758
				1314.08	-0.073	197.3	-0.8113
				1314.17	-0.073	196.6	-0.8264
				1314.25	-0.07	196.4	-0.8264
				1314.33	-0.06	197.8	-0.8113
				1314.42	-0.051	199.6	-0.7847
				1314.50	-0.042	201.5	-0.7039
				1314.58	-0.027	204.7	-0.608
				1314.67	-0.014	207.9	-0.4767
				1314.75	-0.002	211.3	-0.3089
				1314.83	0.014	214.8	-0.0959
				1314.92	0.035	218.4	0.1473
				1315.00	0.05	223.3	0.3843
				1315.08	0.061	226	0.6125
				1315.18	0.069	227.7	0.8246
				1315.25	0.078	229.6	0.9285
				1315.33	0.085	231	1.0021
				1315.42	0.086	232.3	1.043
				1315.50	0.086	232.8	1.0643
				1315.58	0.082	233	1.0616
				1315.67	0.074	232.7	1.0483
				1315.75	0.067	232	1.0217
				1315.83	0.056	231.3	0.9737
				1315.92	0.042	229.7	0.8921
				1316.00	0.021	227.8	0.7758
				1316.08	0.007	224.3	0.6196
				1316.17	-0.006	221.4	0.2982
				1316.25	-0.022	217.8	0.0426
				1316.33	-0.035	213.8	-0.2015
				1316.42	-0.045	209.9	-0.3977
				1316.50	-0.057	205.9	-0.5699
				1316.60	-0.066	201.3	-0.7172
				1316.67	-0.071	198.8	-0.7785
				1316.75	-0.073	197.3	-0.8157
				1316.83	-0.073	196.6	-0.8282
				1316.92	-0.07	196.4	-0.8282

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1317.00	-0.061	197.2	-0.814
				1317.08	-0.05	199.6	-0.7873
				1317.17	-0.042	201.7	-0.7074
				1317.25	-0.028	204.6	-0.6134
				1317.33	-0.014	208	-0.4776
				1317.42	-0.002	211.4	-0.308
				1317.50	0.014	214.9	-0.0914
				1317.58	0.03	218.6	0.1651
				1317.67	0.051	222	0.4145
				1317.75	0.062	226	0.6125
				1317.83	0.071	228.1	0.8459
				1317.92	0.079	229.8	0.9471
				1318.02	0.085	231.1	1.011
				1318.08	0.086	232.4	1.0465
				1318.17	0.086	232.8	1.0643
				1318.25	0.082	233	1.0616
				1318.33	0.074	232.7	1.0483
				1318.42	0.066	232.1	1.019
				1318.50	0.057	231.3	0.9746
				1318.58	0.042	229.7	0.893
				1318.67	0.021	227.8	0.7758
				1318.75	0.007	224.4	0.6213
				1318.83	-0.005	221.4	0.2991
				1318.92	-0.021	217.9	0.0488
				1319.00	-0.035	213.9	-0.1971
				1319.08	-0.045	209.9	-0.3941
				1319.17	-0.057	205.9	-0.5681
				1319.25	-0.066	202	-0.6959
				1319.33	-0.072	199.4	-0.7678
				1319.42	-0.073	197.1	-0.8086
				1319.52	-0.073	196.5	-0.8299
				1319.60	-0.07	196.4	-0.8291
				1319.67	-0.061	197.2	-0.8157
				1319.75	-0.049	199.7	-0.7882
				1319.83	-0.042	201.8	-0.7066
				1319.92	-0.028	204.6	-0.6089
				1320.00	-0.012	208.3	-0.4642
				1320.08	0.001	211.7	-0.2903
				1320.17	0.014	215.2	-0.0843
				1320.25	0.03	218.7	0.1607
				1320.33	0.05	222.1	0.4154
				1320.42	0.062	226.1	0.6107
				1320.50	0.071	228.2	0.8459
				1320.58	0.078	229.9	0.948
				1320.67	0.084	231.3	1.019
				1320.75	0.086	232.1	1.0501
				1320.83	0.086	232.7	1.0616
				1320.93	0.082	233.1	1.0598
				1321.02	0.075	232.8	1.0483
				1321.08	0.064	232.1	1.0181
				1321.17	0.057	231.1	0.9702
				1321.25	0.043	229.8	0.8947
				1321.33	0.028	227.8	0.774
				1321.42	0.006	224.1	0.5983
				1321.50	-0.008	221	0.3959
				1321.58	-0.021	217.7	0.0311
				1321.67	-0.036	213.7	-0.213
				1321.75	-0.047	209.4	-0.4207
				1321.83	-0.056	205.7	-0.5725
				1321.92	-0.065	202.2	-0.6941
				1322.00	-0.071	199.2	-0.7758
				1322.08	-0.073	197.7	-0.8122
				1322.17	-0.072	196.6	-0.8273

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1322.25	-0.069	196.6	-0.8264
				1322.35	-0.062	197.5	-0.8104
				1322.43	-0.05	198.7	-0.7864
				1322.50	-0.038	202.1	-0.7385
				1322.58	-0.029	204.9	-0.6063
				1322.67	-0.013	208.2	-0.4731
				1322.75	0.001	211.7	-0.292
				1322.83	0.014	215.4	-0.0852
				1322.92	0.029	218.7	0.1544
				1323.00	0.044	222.1	0.4136
				1323.08	0.063	226.2	0.6364
				1323.17	0.073	228.4	0.7944
				1323.25	0.078	230	0.948
				1323.33	0.084	231.3	1.0128
				1323.42	0.087	232.2	1.0492
				1323.50	0.086	232.7	1.0616
				1323.58	0.084	233.1	1.0607
				1323.67	0.076	232.8	1.0492
				1323.75	0.063	232.2	1.0243
				1323.85	0.054	231.1	0.9666
				1323.93	0.044	229.7	0.8894
				1324.00	0.028	227.9	0.7705
				1324.08	0.006	225.6	0.5992
				1324.17	-0.009	221.1	0.3932
				1324.25	-0.022	217.2	0.0062
				1324.33	-0.035	213.7	-0.2219
				1324.42	-0.049	209.1	-0.4376
				1324.50	-0.058	205.3	-0.5867
				1324.58	-0.064	202.1	-0.6959
				1324.67	-0.071	199.3	-0.7731
				1324.75	-0.073	197.7	-0.8122
				1324.83	-0.072	196.6	-0.8273
				1324.92	-0.069	196.8	-0.8264
				1325.00	-0.062	197.5	-0.8078
				1325.08	-0.052	199.3	-0.774
				1325.17	-0.041	201.7	-0.7146
				1325.25	-0.031	204.2	-0.6293
				1325.35	-0.014	208.5	-0.466
				1325.42	0.002	212	-0.2814
				1325.50	0.016	215.7	-0.063
				1325.58	0.029	219.2	0.1713
				1325.67	0.044	222.3	0.4172
				1325.75	0.058	225.3	0.6391
				1325.83	0.074	228.6	0.8086
				1325.92	0.08	230.2	0.9152
				1326.00	0.084	231.4	1.0172
				1326.08	0.086	232.3	1.051
				1326.17	0.086	232.8	1.0616
				1326.25	0.084	233.1	1.0616
				1326.33	0.077	233	1.0492
				1326.42	0.066	232.3	1.0234
				1326.50	0.05	230.7	0.9782
				1326.58	0.038	229.1	0.9072
				1326.67	0.026	227.3	0.7288
				1326.77	0.013	225.4	0.5876
				1326.85	-0.009	222.6	0.3781
				1326.92	-0.024	217.3	0.1394
				1327.00	-0.035	213.5	-0.221
				1327.08	-0.048	209.3	-0.4367
				1327.17	-0.06	204.9	-0.6036
				1327.25	-0.066	201.7	-0.7048
				1327.33	-0.07	199.4	-0.7722
				1327.42	-0.073	197.7	-0.8122

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1327.50	-0.072	196.8	-0.8273
				1327.58	-0.068	196.8	-0.8291
				1327.67	-0.061	197.9	-0.8042
				1327.75	-0.053	199.3	-0.7705
				1327.83	-0.04	201.8	-0.7101
				1327.92	-0.029	204.7	-0.6151
				1328.00	-0.017	207.7	-0.4944
				1328.08	-0.001	211.3	-0.3196
				1328.18	0.02	216.7	-0.0062
				1328.27	0.031	219.6	0.1908
				1328.33	0.044	222.9	0.4323
				1328.42	0.058	225.4	0.6444
				1328.50	0.069	227.8	0.8113
				1328.58	0.081	230.4	0.9249
				1328.67	0.085	231.6	0.9968
				1328.75	0.086	232.4	1.0519
				1328.83	0.086	232.9	1.0625
				1328.92	0.082	233.2	1.0616
				1329.00	0.077	232.8	1.0483
				1329.08	0.068	232.4	1.0243
				1329.17	0.055	231.3	0.9746
				1329.25	0.036	229.1	0.8983
				1329.33	0.023	227	0.7918
				1329.42	0.01	224.8	0.5361
				1329.50	-0.006	221.7	0.3053
				1329.58	-0.021	218.1	0.0541
				1329.68	-0.037	213.1	-0.1278
				1329.77	-0.049	208.6	-0.3373
				1329.83	-0.059	205	-0.6071
				1329.92	-0.067	201.5	-0.711
				1330.00	-0.071	199.1	-0.7776
				1330.08	-0.073	197.5	-0.8149
				1330.17	-0.073	196.8	-0.8282
				1330.25	-0.068	196.6	-0.8282
				1330.33	-0.06	198	-0.8157
				1330.42	-0.053	199.6	-0.7687
				1330.50	-0.041	201.7	-0.7074
				1330.58	-0.027	205	-0.6071
				1330.67	-0.014	208.2	-0.4767
				1330.75	-0.002	211.4	-0.3116
				1330.83	0.014	215.2	-0.0968
				1330.92	0.036	218.7	0.1465
				1331.00	0.05	223.6	0.3888
				1331.10	0.059	225.9	0.6693
				1331.18	0.068	227.9	0.8078
				1331.25	0.078	229.8	0.9365
				1331.33	0.085	231.2	1.0021
				1331.42	0.086	232.6	1.0439
				1331.50	0.086	233.1	1.0634
				1331.58	0.083	233.3	1.0616
				1331.67	0.074	232.9	1.0474
				1331.75	0.068	232.3	1.0226
				1331.83	0.057	231.5	0.9737
				1331.92	0.042	229.9	0.8921
				1332.00	0.021	228	0.774
				1332.08	0.007	224.5	0.6196
				1332.17	-0.005	221.6	0.2991
				1332.25	-0.022	218	0.0435
				1332.33	-0.035	214.1	-0.1988
				1332.42	-0.045	210	-0.395
				1332.50	-0.057	206.1	-0.5708
				1332.60	-0.066	201.4	-0.719
				1332.67	-0.071	198.9	-0.7838

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1332.75	-0.073	197.4	-0.8157
				1332.83	-0.073	196.7	-0.8282
				1332.92	-0.07	196.6	-0.8273
				1333.00	-0.061	197.4	-0.8131
				1333.08	-0.049	199.9	-0.7856
				1333.17	-0.042	202.1	-0.7039
				1333.25	-0.028	204.9	-0.6054
				1333.33	-0.012	208.5	-0.4625
				1333.42	0.001	211.9	-0.2903
				1333.50	0.014	215.4	-0.0826
				1333.58	0.03	218.9	0.1651
				1333.67	0.05	222.3	0.4136
				1333.75	0.062	226.3	0.6142
				1333.83	0.07	228.5	0.8468
				1333.92	0.078	230.1	0.9498
				1334.02	0.084	231.4	1.0172
				1334.10	0.086	232.3	1.0492
				1334.17	0.085	233.1	1.0616
				1334.25	0.082	233.3	1.0598
				1334.33	0.075	233	1.0474
				1334.42	0.064	232.3	1.0172
				1334.50	0.057	231.3	0.9711
				1334.58	0.043	230	0.8947
				1334.67	0.022	228	0.7714
				1334.75	0.007	224.5	0.6169
				1334.83	-0.008	221.2	0.4021
				1334.92	-0.021	217.9	0.0257
				1335.00	-0.036	213.8	-0.2175
				1335.08	-0.047	209.6	-0.4225
				1335.17	-0.056	205.8	-0.5743
				1335.25	-0.065	202.3	-0.6941
				1335.33	-0.071	199.6	-0.7714
				1335.42	-0.073	197.3	-0.8131
				1335.52	-0.072	196.7	-0.8353
				1335.58	-0.07	196.6	-0.8335
				1335.67	-0.063	197.4	-0.8193
				1335.75	-0.05	198.9	-0.7891
				1335.83	-0.038	202.3	-0.7412
				1335.92	-0.029	205	-0.6107
				1336.00	-0.013	208.3	-0.4758
				1336.08	0.001	211.8	-0.3
				1336.17	0.013	215.5	-0.0888
				1336.25	0.029	218.9	0.1544
				1336.33	0.045	222.4	0.4145
				1336.42	0.063	226.4	0.6338
				1336.50	0.073	228.5	0.7909
				1336.58	0.078	230.2	0.9471
				1336.67	0.084	231.5	1.0155
				1336.75	0.087	232.4	1.0501
				1336.83	0.086	232.9	1.0616
				1336.93	0.082	233.3	1.0598
				1337.02	0.076	233	1.0439
				1337.08	0.065	232.3	1.0155
				1337.17	0.053	231.2	0.9622
				1337.25	0.044	230	0.8885
				1337.33	0.028	228.1	0.7714
				1337.42	0.006	225.7	0.6
				1337.50	-0.008	221.3	0.3941
				1337.58	-0.021	217.7	0.0275
				1337.67	-0.035	214	-0.2175
				1337.75	-0.049	209.2	-0.4456
				1337.83	-0.058	205.5	-0.5903
				1337.92	-0.064	202.3	-0.6995

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1338.00	-0.071	199.5	-0.7776
				1338.08	-0.073	197.8	-0.8166
				1338.17	-0.072	196.8	-0.8335
				1338.25	-0.069	196.9	-0.8308
				1338.35	-0.063	197.7	-0.8149
				1338.43	-0.051	199	-0.7909
				1338.50	-0.037	202.5	-0.7403
				1338.58	-0.026	205.5	-0.6586
				1338.67	-0.014	208.5	-0.4678
				1338.75	0.002	212.2	-0.2858
				1338.83	0.016	215.7	-0.0692
				1338.92	0.029	219.3	0.1695
				1339.00	0.045	222.5	0.4181
				1339.08	0.058	225.4	0.6356
				1339.17	0.074	228.8	0.8095
				1339.25	0.08	230.4	0.9125
				1339.33	0.084	231.6	1.0163
				1339.42	0.086	232.5	1.0501
				1339.50	0.086	233	1.0616
				1339.58	0.083	233.3	1.0598
				1339.67	0.077	233.1	1.0492
				1339.75	0.064	232.5	1.0226
				1339.85	0.053	231.2	0.9631
				1339.93	0.043	229.8	0.8859
				1340.00	0.029	228.1	0.7616
				1340.08	0.012	225.5	0.5787
				1340.17	-0.01	222.7	0.3675
				1340.25	-0.023	217.5	0.1358
				1340.33	-0.034	213.8	-0.2201
				1340.42	-0.048	209.4	-0.4385
				1340.50	-0.058	205.5	-0.5912
				1340.58	-0.065	201.9	-0.7101
				1340.67	-0.07	199.5	-0.7811
				1340.75	-0.073	197.7	-0.8211
				1340.83	-0.072	197	-0.8353
				1340.92	-0.068	196.9	-0.8362
				1341.00	-0.063	197.9	-0.814
				1341.08	-0.053	199.4	-0.7802
				1341.17	-0.04	202	-0.7172
				1341.27	-0.025	205.7	-0.6329
				1341.35	-0.013	209	-0.5388
				1341.42	0.001	212.3	-0.2761
				1341.50	0.018	216.1	-0.0497
				1341.58	0.031	219.6	0.1908
				1341.67	0.044	222.9	0.4296
				1341.75	0.058	225.6	0.6409
				1341.83	0.073	228	0.8104
				1341.92	0.08	230.5	0.9125
				1342.00	0.084	231.8	0.9906
				1342.08	0.086	232.6	1.051
				1342.17	0.085	233.1	1.0616
				1342.25	0.082	233.4	1.0607
				1342.33	0.077	233.2	1.0474
				1342.42	0.067	232.6	1.0226
				1342.50	0.051	231.5	0.9746
				1342.58	0.037	229.4	0.9036
				1342.67	0.024	227.1	0.7909
				1342.77	0.012	225.5	0.5663
				1342.83	-0.003	222.5	0.3568
				1342.92	-0.025	219.1	0.1101
				1343.00	-0.037	213.3	-0.1278
				1343.08	-0.047	209.3	-0.4429
				1343.17	-0.059	205.3	-0.6027

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1343.25	-0.066	201.9	-0.7119
				1343.33	-0.071	199.2	-0.7829
				1343.42	-0.073	197.7	-0.822
				1343.50	-0.072	196.9	-0.8353
				1343.58	-0.068	196.8	-0.8362
				1343.67	-0.06	198.1	-0.8228
				1343.75	-0.053	199.5	-0.7767
				1343.83	-0.041	201.9	-0.719
				1343.92	-0.028	205	-0.6222
				1344.00	-0.017	208.1	-0.4989
				1344.08	-0.002	211.4	-0.3284
				1344.18	0.017	216.3	-0.0462
				1344.27	0.032	219.9	0.205
				1344.33	0.046	223.2	0.4536
				1344.42	0.057	225.7	0.6506
				1344.50	0.069	228.1	0.8149
				1344.58	0.08	229.9	0.9205
				1344.67	0.085	231.9	0.9915
				1344.75	0.086	232.7	1.0501
				1344.83	0.085	233.2	1.0598
				1344.92	0.082	233.4	1.0581
				1345.00	0.075	233.1	1.0448
				1345.08	0.068	232.6	1.019
				1345.17	0.056	231.6	0.9737
				1345.25	0.037	230.2	0.8939
				1345.33	0.022	227.3	0.7891
				1345.42	0.01	224.9	0.5326
				1345.50	-0.006	222	0.2982
				1345.58	-0.022	218.1	0.032
				1345.68	-0.037	215.2	-0.1331
				1345.75	-0.05	208.7	-0.3444
				1345.83	-0.058	205.1	-0.6125
				1345.92	-0.066	201.8	-0.7163
				1346.00	-0.071	199.2	-0.7856
				1346.08	-0.073	197.7	-0.8211
				1346.17	-0.073	196.9	-0.8353
				1346.25	-0.07	196.8	-0.8353
				1346.33	-0.06	198.2	-0.8211
				1346.42	-0.051	200	-0.7944
				1346.50	-0.042	201.9	-0.7146
				1346.58	-0.027	205.1	-0.616
				1346.67	-0.014	208.4	-0.4838
				1346.75	-0.002	211.8	-0.316
				1346.83	0.014	215.3	-0.1047
				1346.92	0.029	219	0.1402
				1347.00	0.051	223.9	0.4074
				1347.10	0.058	226	0.6551
				1347.18	0.068	228.3	0.806
				1347.25	0.078	230.1	0.9311
				1347.33	0.084	231.5	1.0013
				1347.42	0.087	232.8	1.0394
				1347.50	0.086	233.3	1.0607
				1347.58	0.083	233.5	1.059
				1347.67	0.074	233.2	1.0456
				1347.75	0.066	232.5	1.0163
				1347.83	0.057	231.7	0.9711
				1347.92	0.043	230.3	0.8921
				1348.00	0.022	228.3	0.7722
				1348.08	0.007	224.8	0.6178
				1348.17	-0.006	221.8	0.292
				1348.25	-0.021	218.3	0.0435
				1348.33	-0.035	214.2	-0.2042
				1348.42	-0.047	209.8	-0.4243

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1348.52	-0.06	204.5	-0.5832
				1348.60	-0.065	201.8	-0.7146
				1348.67	-0.071	199.2	-0.7873
				1348.75	-0.073	197.7	-0.8228
				1348.83	-0.072	197	-0.8344
				1348.92	-0.07	196.9	-0.8335
				1349.00	-0.063	197.7	-0.8202
				1349.08	-0.049	200.1	-0.7891
				1349.17	-0.039	202.5	-0.7438
				1349.25	-0.029	205.2	-0.6098
				1349.33	-0.013	208.6	-0.4758
				1349.42	0.001	212.1	-0.2982
				1349.50	0.013	215.7	-0.0905
				1349.58	0.029	219.2	0.1553
				1349.67	0.05	222.6	0.4136
				1349.75	0.062	226.6	0.6116
				1349.83	0.072	228.8	0.79
				1349.92	0.079	230.4	0.9533
				1350.02	0.083	231.6	1.0101
				1350.08	0.086	232.6	1.0456
				1350.17	0.085	233.4	1.0607
				1350.25	0.083	233.6	1.059
				1350.33	0.075	233.3	1.0465
				1350.42	0.064	232.6	1.0163
				1350.50	0.057	231.5	0.9684
				1350.58	0.043	230.3	0.8876
				1350.67	0.027	228.2	0.7607
				1350.75	0.006	225.9	0.5956
				1350.83	-0.008	221.6	0.3932
				1350.92	-0.021	218.1	0.0284
				1351.00	-0.036	214.1	-0.2148
				1351.08	-0.048	209.8	-0.4287
				1351.17	-0.056	206.1	-0.5761
				1351.25	-0.065	202.7	-0.6959
				1351.33	-0.07	199.8	-0.774
				1351.43	-0.073	197.5	-0.8291
				1351.50	-0.072	196.9	-0.8379
				1351.58	-0.07	196.8	-0.8362
				1351.67	-0.063	197.6	-0.8228
				1351.75	-0.05	199.2	-0.7927
				1351.83	-0.038	202.6	-0.7438
				1351.92	-0.029	205.4	-0.6142
				1352.00	-0.013	208.6	-0.4776
				1352.08	0.001	212.2	-0.2982
				1352.17	0.015	216	-0.0719
				1352.25	0.029	219.3	0.1713
				1352.33	0.046	222.8	0.4314
				1352.42	0.062	225.6	0.6311
				1352.50	0.073	229	0.7856
				1352.58	0.078	230.6	0.9507
				1352.67	0.084	231.8	1.0163
				1352.75	0.087	232.7	1.051
				1352.83	0.086	233.3	1.0616
				1352.93	0.082	233.6	1.0598
				1353.00	0.076	233.4	1.0448
				1353.08	0.065	232.6	1.0163
				1353.17	0.053	231.6	0.964
				1353.25	0.044	230.2	0.8876
				1353.33	0.028	228.3	0.7678
				1353.42	0.006	226	0.5965
				1353.50	-0.008	221.6	0.3923
				1353.58	-0.021	218	0.0257
				1353.67	-0.035	214.2	-0.2192

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1353.75	-0.049	209.5	-0.4474
				1353.83	-0.058	205.7	-0.5938
				1353.92	-0.064	202.5	-0.7012
				1354.00	-0.07	199.8	-0.7776
				1354.08	-0.073	198	-0.8193
				1354.17	-0.072	197.1	-0.8353
				1354.25	-0.069	197.2	-0.8326
				1354.35	-0.064	197.7	-0.8202
				1354.43	-0.054	199.3	-0.79
				1354.50	-0.038	201.5	-0.7367
				1354.58	-0.025	205.8	-0.6586
				1354.67	-0.014	208.8	-0.4713
				1354.75	0.002	212.4	-0.284
				1354.83	0.016	216.1	-0.0657
				1354.92	0.029	219.7	0.1704
				1355.00	0.044	222.8	0.4207
				1355.08	0.059	225.8	0.6506
				1355.17	0.073	228.1	0.8086
				1355.25	0.08	230.7	0.9098
				1355.33	0.084	232	1.0172
				1355.42	0.086	232.8	1.0519
				1355.50	0.086	233.3	1.0625
				1355.58	0.084	233.6	1.0616
				1355.67	0.077	233.4	1.0492
				1355.75	0.066	232.7	1.0226
				1355.85	0.053	231.5	0.9649
				1355.92	0.04	230	0.8743
				1356.00	0.029	228.2	0.7616
				1356.08	0.013	225.9	0.5885
				1356.17	-0.009	223	0.3693
				1356.25	-0.024	217.8	0.1358
				1356.33	-0.035	213.9	-0.2246
				1356.42	-0.048	209.7	-0.442
				1356.50	-0.059	205.4	-0.6071
				1356.58	-0.066	202.1	-0.7137
				1356.67	-0.07	199.8	-0.7811
				1356.75	-0.073	198.1	-0.8193
				1356.83	-0.072	197.2	-0.8353
				1356.92	-0.068	197.2	-0.8362
				1357.00	-0.063	198.1	-0.814
				1357.08	-0.053	199.7	-0.7811
				1357.17	-0.04	202.3	-0.7172
				1357.27	-0.025	205.8	-0.6586
				1357.33	-0.014	209.1	-0.4696
				1357.42	0.001	212.5	-0.2885
				1357.50	0.016	216.2	-0.0639
				1357.58	0.031	219.8	0.1944
				1357.67	0.044	223	0.4323
				1357.75	0.058	225.8	0.6471
				1357.83	0.073	228.2	0.8113
				1357.92	0.081	230.8	0.9143
				1358.00	0.084	232	1.0181
				1358.08	0.086	232.8	1.0501
				1358.17	0.086	233.4	1.0616
				1358.25	0.083	233.6	1.0607
				1358.33	0.077	233.4	1.0474
				1358.42	0.068	232.8	1.0234
				1358.50	0.051	231.8	0.9746
				1358.58	0.037	229.6	0.9054
				1358.68	0.026	227.7	0.7279
				1358.77	0.013	226	0.5947
				1358.83	-0.002	223	0.371
				1358.92	-0.025	217.5	0.1118

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1359.00	-0.037	213.6	-0.1314
				1359.08	-0.047	209.6	-0.4429
				1359.17	-0.059	205.6	-0.6018
				1359.25	-0.066	202.1	-0.7128
				1359.33	-0.07	199.7	-0.7811
				1359.42	-0.073	198	-0.8211
				1359.50	-0.072	197.2	-0.8353
				1359.58	-0.068	197.2	-0.837
				1359.67	-0.061	198.4	-0.8237
				1359.75	-0.053	199.8	-0.7776
				1359.83	-0.04	202.3	-0.7172
				1359.92	-0.028	205.2	-0.6213
				1360.00	-0.017	208.3	-0.5015
				1360.08	-0.001	211.7	-0.3284
				1360.18	0.017	216.6	-0.0533
				1360.27	0.031	220.1	0.1917
				1360.33	0.046	223.5	0.458
				1360.42	0.058	226	0.6551
				1360.50	0.07	228.4	0.8175
				1360.58	0.08	230.2	0.9214
				1360.67	0.085	232.2	0.9942
				1360.75	0.086	233	1.0536
				1360.83	0.086	233.5	1.0634
				1360.92	0.082	233.7	1.0607
				1361.00	0.077	233.4	1.0492
				1361.08	0.068	232.9	1.0226
				1361.17	0.056	231.9	0.9764
				1361.25	0.036	230.5	0.8965
				1361.33	0.023	227.6	0.7909
				1361.42	0.011	225.2	0.5335
				1361.50	-0.006	222.2	0.3062
				1361.60	-0.024	218.6	0.0559
				1361.67	-0.037	213.5	-0.1252
				1361.75	-0.048	209.4	-0.4491
				1361.83	-0.059	205.6	-0.6089
				1361.92	-0.067	202	-0.7199
				1362.00	-0.071	199.5	-0.7847
				1362.08	-0.073	198	-0.8228
				1362.17	-0.073	197.1	-0.8379
				1362.25	-0.068	197	-0.8379
				1362.33	-0.06	198.4	-0.8255
				1362.42	-0.053	200	-0.7785
				1362.50	-0.042	202.1	-0.7181
				1362.58	-0.026	205.5	-0.6151
				1362.67	-0.014	208.7	-0.4847
				1362.75	-0.002	211.9	-0.3204
				1362.83	0.014	215.7	-0.0994
				1362.92	0.036	219.2	0.1402
				1363.00	0.05	224.1	0.3799
				1363.10	0.057	226.4	0.6542
				1363.18	0.068	228.5	0.8113
				1363.25	0.078	230.4	0.9365
				1363.33	0.085	232.3	1.0004
				1363.42	0.086	233.1	1.0403
				1363.50	0.086	233.6	1.0616
				1363.58	0.082	233.8	1.059
				1363.67	0.074	233.5	1.0456
				1363.75	0.068	232.8	1.0199
				1363.83	0.057	232	0.9746
				1363.92	0.042	230.4	0.8921
				1364.00	0.021	227.5	0.7714
				1364.08	0.008	225	0.616
				1364.17	-0.006	222.2	0.2929

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1364.25	-0.022	218.5	0.0391
				1364.33	-0.035	214.5	-0.2086
				1364.42	-0.045	210.4	-0.4083
				1364.52	-0.058	205.2	-0.6116
				1364.60	-0.065	202.1	-0.7154
				1364.67	-0.072	199.3	-0.7936
				1364.75	-0.073	197.9	-0.8264
				1364.83	-0.073	197.2	-0.8388
				1364.92	-0.07	197	-0.837
				1365.00	-0.061	197.9	-0.8237
				1365.08	-0.05	200.3	-0.7971
				1365.17	-0.039	202.7	-0.7465
				1365.25	-0.028	205.3	-0.6134
				1365.33	-0.013	208.8	-0.4776
				1365.42	0	212.4	-0.3018
				1365.50	0.013	216	-0.0932
				1365.58	0.03	219.5	0.1553
				1365.67	0.05	222.8	0.411
				1365.75	0.062	226.9	0.6063
				1365.83	0.07	229	0.8433
				1365.92	0.078	230.6	0.9462
				1366.00	0.083	231.9	1.003
				1366.08	0.087	233.2	1.0439
				1366.17	0.085	233.7	1.0607
				1366.25	0.082	233.8	1.0598
				1366.33	0.075	233.6	1.0465
				1366.42	0.064	232.8	1.0172
				1366.50	0.056	231.8	0.9693
				1366.58	0.043	230.6	0.8885
				1366.67	0.027	228.4	0.7634
				1366.75	0.006	226.2	0.5983
				1366.83	-0.008	221.8	0.3923
				1366.92	-0.02	218.3	0.0355
				1367.00	-0.035	214.5	-0.205
				1367.08	-0.048	209.9	-0.4367
				1367.17	-0.056	206.3	-0.5796
				1367.25	-0.064	202.8	-0.7003
				1367.33	-0.071	199.8	-0.7847
				1367.43	-0.073	197.7	-0.8317
				1367.52	-0.072	197.1	-0.8415
				1367.58	-0.07	197.1	-0.8406
				1367.67	-0.064	197.7	-0.8264
				1367.75	-0.051	199.5	-0.7953
				1367.83	-0.037	202.9	-0.7421
				1367.92	-0.026	205.8	-0.664
				1368.00	-0.014	208.9	-0.4767
				1368.08	0.002	212.7	-0.284
				1368.17	0.016	216.3	-0.0728
				1368.25	0.029	219.7	0.1695
				1368.33	0.044	223	0.419
				1368.42	0.063	225.9	0.6427
				1368.50	0.073	229.2	0.79
				1368.58	0.079	230.9	0.956
				1368.67	0.084	232.1	1.019
				1368.75	0.085	232.9	1.0501
				1368.85	0.086	233.8	1.0669
				1368.93	0.081	233.8	1.0678
				1369.00	0.076	233.5	1.0483
				1369.08	0.066	232.9	1.0217
				1369.17	0.052	231.7	0.964
				1369.25	0.043	230.3	0.8876
				1369.33	0.029	228.6	0.7634
				1369.42	0.012	226	0.5832

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1369.50	-0.01	223.2	0.3684
				1369.58	-0.023	217.9	0.134
				1369.67	-0.035	214.2	-0.2263
				1369.75	-0.048	209.9	-0.442
				1369.83	-0.059	205.8	-0.5992
				1369.92	-0.065	202.3	-0.7137
				1370.00	-0.07	199.9	-0.7838
				1370.08	-0.073	198.1	-0.8246
				1370.17	-0.071	197.5	-0.837
				1370.25	-0.068	197.4	-0.8388
				1370.35	-0.064	197.9	-0.8228
				1370.43	-0.055	199.3	-0.7953
				1370.50	-0.038	201.8	-0.7376
				1370.58	-0.025	206	-0.6604
				1370.67	-0.014	209.2	-0.4713
				1370.75	0.001	212.7	-0.2885
				1370.83	0.017	216.4	-0.0657
				1370.92	0.031	220	0.1935
				1371.00	0.044	223.1	0.4341
				1371.08	0.058	226	0.6453
				1371.17	0.073	228.4	0.8095
				1371.25	0.08	231	0.9134
				1371.33	0.083	232.1	1.0146
				1371.42	0.087	233.1	1.0563
				1371.50	0.086	233.6	1.0652
				1371.58	0.083	233.8	1.0634
				1371.67	0.077	233.7	1.0492
				1371.77	0.066	232.9	1.0172
				1371.85	0.054	231.9	0.9675
				1371.92	0.04	230.2	0.877
				1372.00	0.029	228.3	0.7634
				1372.08	0.013	226.2	0.5938
				1372.17	-0.002	223.2	0.3675
				1372.25	-0.025	217.7	0.1101
				1372.33	-0.037	213.7	-0.134
				1372.42	-0.048	209.8	-0.4483
				1372.50	-0.058	205.9	-0.6009
				1372.58	-0.067	202.2	-0.7172
				1372.67	-0.07	199.9	-0.782
				1372.75	-0.073	198.2	-0.8228
				1372.83	-0.073	197.4	-0.8379
				1372.92	-0.068	197.5	-0.8379
				1373.00	-0.061	198.6	-0.8255
				1373.08	-0.053	199.9	-0.7793
				1373.17	-0.04	202.5	-0.719
				1373.27	-0.025	204.9	-0.6489
				1373.35	-0.011	209.5	-0.537
				1373.42	0.001	212.9	-0.2787
				1373.50	0.017	216.6	-0.0524
				1373.58	0.031	220.1	0.1926
				1373.67	0.044	223.5	0.4332
				1373.75	0.058	226.1	0.6506
				1373.83	0.07	228.6	0.8255
				1373.92	0.08	231.1	0.9223
				1374.00	0.085	232.3	0.9933
				1374.08	0.087	233.2	1.0545
				1374.17	0.086	233.6	1.0634
				1374.25	0.082	233.9	1.0625
				1374.33	0.077	233.6	1.0492
				1374.42	0.068	233.1	1.0252
				1374.50	0.055	232	0.9764
				1374.58	0.036	229.8	0.8983
				1374.68	0.026	228.2	0.7474

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1374.77	0.014	226.1	0.5841
				1374.83	-0.004	223	0.3524
				1374.92	-0.024	219.6	0.1074
				1375.00	-0.037	213.7	-0.1269
				1375.08	-0.048	209.5	-0.4536
				1375.17	-0.058	205.8	-0.6063
				1375.25	-0.067	202	-0.727
				1375.33	-0.071	199.7	-0.79
				1375.42	-0.073	198.2	-0.8255
				1375.50	-0.072	197.4	-0.8397
				1375.58	-0.068	197.2	-0.8406
				1375.67	-0.06	198.6	-0.8273
				1375.75	-0.053	200.2	-0.7811
				1375.83	-0.041	202.3	-0.7243
				1375.92	-0.027	205.5	-0.6231
				1376.00	-0.015	208.8	-0.4873
				1376.08	-0.002	212.1	-0.3187
				1376.18	0.017	217	-0.0426
				1376.25	0.032	220.5	0.2068
				1376.33	0.047	223.7	0.4598
				1376.42	0.057	226.4	0.6515
				1376.50	0.069	228.6	0.8131
				1376.58	0.078	230.5	0.9231
				1376.67	0.086	232.4	0.9995
				1376.75	0.086	233.3	1.0439
				1376.83	0.086	233.8	1.0634
				1376.92	0.082	234	1.0607
				1377.00	0.074	233.6	1.0474
				1377.08	0.068	233	1.0208
				1377.17	0.057	232.1	0.9764
				1377.25	0.042	230.6	0.8921
				1377.33	0.021	227.6	0.7731
				1377.42	0.008	225.2	0.6142
				1377.50	-0.006	222.2	0.2903
				1377.60	-0.021	218.7	0.0462
				1377.67	-0.038	215.5	-0.15
				1377.75	-0.05	209.1	-0.3595
				1377.83	-0.058	205.5	-0.6107
				1377.92	-0.066	202.2	-0.7199
				1378.00	-0.071	199.7	-0.79
				1378.08	-0.073	198.1	-0.8273
				1378.17	-0.073	197.4	-0.8406
				1378.25	-0.07	197.3	-0.8397
				1378.33	-0.061	198	-0.8264
				1378.42	-0.05	200.5	-0.7989
				1378.50	-0.042	202.7	-0.7172
				1378.58	-0.028	205.6	-0.6222
				1378.67	-0.013	208.9	-0.4873
				1378.75	0	212.6	-0.3018
				1378.83	0.014	216	-0.0905
				1378.92	0.03	219.7	0.1607
				1379.02	0.05	224.5	0.5131
				1379.10	0.06	226.7	0.6657
				1379.17	0.069	229	0.8211
				1379.25	0.077	230.6	0.9311
				1379.33	0.084	232.1	1.0066
				1379.42	0.086	233.4	1.0448
				1379.50	0.086	233.9	1.0616
				1379.58	0.082	234	1.0598
				1379.67	0.075	233.8	1.0474
				1379.75	0.064	233	1.0172
				1379.83	0.057	232	0.9693
				1379.92	0.043	230.7	0.893

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1380.00	0.028	228.7	0.7705
				1380.08	0.006	225.1	0.5974
				1380.17	-0.008	221.9	0.3932
				1380.25	-0.021	218.6	0.0257
				1380.33	-0.036	214.5	-0.221
				1380.42	-0.048	210.1	-0.4358
				1380.52	-0.059	205.4	-0.5672
				1380.60	-0.065	202.1	-0.719
				1380.67	-0.071	199.6	-0.7953
				1380.75	-0.073	198	-0.8299
				1380.83	-0.072	197.4	-0.8406
				1380.92	-0.07	197.2	-0.8388
				1381.00	-0.064	198	-0.8264
				1381.08	-0.05	199.6	-0.7953
				1381.17	-0.038	203	-0.7474
				1381.25	-0.029	205.8	-0.616
				1381.33	-0.014	209	-0.4838
				1381.42	0.001	212.7	-0.2982
				1381.50	0.015	216.5	-0.0728
				1381.58	0.029	219.8	0.1713
				1381.67	0.045	223.2	0.4261
				1381.75	0.063	226.1	0.6347
				1381.83	0.073	229.4	0.7944
				1381.93	0.078	230.9	0.9436
				1382.02	0.083	232.1	1.0004
				1382.08	0.087	233.2	1.0448
				1382.17	0.085	233.9	1.0598
				1382.25	0.082	234	1.0616
				1382.33	0.075	233.8	1.043
				1382.42	0.065	233.1	1.0155
				1382.50	0.053	232	0.9622
				1382.58	0.044	230.6	0.885
				1382.67	0.028	228.8	0.7678
				1382.75	0.007	226.4	0.5974
				1382.83	-0.009	222	0.3888
				1382.92	-0.023	218.1	0.1385
				1383.00	-0.035	214.4	-0.2352
				1383.08	-0.049	209.9	-0.4483
				1383.17	-0.058	206.1	-0.5983
				1383.25	-0.064	202.8	-0.7066
				1383.33	-0.07	200.1	-0.7838
				1383.43	-0.073	197.9	-0.8335
				1383.50	-0.072	197.3	-0.8441
				1383.58	-0.07	197.3	-0.8424
				1383.67	-0.064	197.9	-0.8282
				1383.75	-0.054	199.6	-0.7989
				1383.83	-0.037	203.1	-0.7421
				1383.92	-0.025	206.1	-0.6657
				1384.00	-0.014	209.2	-0.4776
				1384.08	0.002	212.9	-0.2903
				1384.17	0.016	216.5	-0.071
				1384.25	0.029	220.1	0.1704
				1384.33	0.044	223.2	0.4145
				1384.42	0.058	226.1	0.6373
				1384.50	0.073	229.5	0.8078
				1384.58	0.08	231.1	0.9152
				1384.67	0.084	232.3	1.0172
				1384.75	0.086	233.2	1.0519
				1384.85	0.085	233.8	1.0634
				1384.92	0.081	234.1	1.0652
				1385.00	0.076	233.7	1.0465
				1385.08	0.066	233.2	1.019
				1385.17	0.052	231.9	0.9604

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1385.25	0.044	230.5	0.8876
				1385.33	0.028	228.8	0.7687
				1385.42	0.013	226.4	0.5947
				1385.50	-0.01	221.8	0.3701
				1385.58	-0.023	218.1	0.1305
				1385.67	-0.035	214.3	-0.2326
				1385.75	-0.048	210	-0.4438
				1385.83	-0.058	206.1	-0.5992
				1385.92	-0.064	202.7	-0.7083
				1386.00	-0.07	200.1	-0.7856
				1386.08	-0.073	198.3	-0.8282
				1386.17	-0.072	197.5	-0.8424
				1386.25	-0.068	197.6	-0.8433
				1386.35	-0.064	198	-0.8264
				1386.42	-0.055	199.6	-0.798
				1386.50	-0.038	201.9	-0.7421
				1386.58	-0.025	206.2	-0.6657
				1386.67	-0.014	209.3	-0.4767
				1386.75	0.002	212.9	-0.2929
				1386.83	0.017	216.6	-0.0666
				1386.92	0.031	220.3	0.1926
				1387.00	0.045	223.4	0.4349
				1387.08	0.058	226.2	0.6444
				1387.17	0.073	228.6	0.8069
				1387.25	0.08	231.2	0.9116
				1387.33	0.083	232.4	1.0172
				1387.42	0.086	233.3	1.0519
				1387.50	0.086	233.8	1.0625
				1387.58	0.083	234.1	1.0616
				1387.67	0.077	233.9	1.0483
				1387.77	0.066	233.1	1.0137
				1387.85	0.053	232	0.9631
				1387.92	0.04	230.5	0.8752
				1388.00	0.029	228.6	0.7607
				1388.08	0.013	226.3	0.5885
				1388.17	-0.009	223.4	0.3648
				1388.25	-0.024	218.1	0.1323
				1388.33	-0.037	213.9	-0.1243
				1388.42	-0.048	209.9	-0.4571
				1388.50	-0.059	205.9	-0.608
				1388.58	-0.066	202.4	-0.7199
				1388.67	-0.07	200	-0.7873
				1388.75	-0.073	198.4	-0.8264
				1388.83	-0.072	197.6	-0.8415
				1388.92	-0.068	197.6	-0.8433
				1389.00	-0.062	198.6	-0.8211
				1389.08	-0.053	200	-0.7847
				1389.18	-0.04	202.7	-0.7234
				1389.27	-0.025	204.9	-0.6577
				1389.33	-0.011	209.7	-0.5406
				1389.42	0.001	213.2	-0.2805
				1389.50	0.017	216.9	-0.0577
				1389.58	0.032	220.4	0.1935
				1389.67	0.044	223.7	0.4341
				1389.75	0.058	226.3	0.6506
				1389.83	0.07	228.8	0.8255
				1389.92	0.08	230.6	0.9231
				1390.00	0.085	232.5	0.9924
				1390.08	0.086	233.4	1.051
				1390.17	0.086	233.9	1.0616
				1390.25	0.082	234.1	1.0607
				1390.33	0.077	233.8	1.0474
				1390.42	0.068	233.4	1.0234

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1390.50	0.055	232.2	0.9737
				1390.58	0.036	230.1	0.8956
				1390.68	0.026	228.4	0.7438
				1390.77	0.014	226.3	0.5841
				1390.83	-0.003	223.3	0.3533
				1390.92	-0.024	219.8	0.1083
				1391.00	-0.038	213.9	-0.1358
				1391.08	-0.047	209.8	-0.4536
				1391.17	-0.058	206.1	-0.608
				1391.25	-0.067	202.2	-0.7296
				1391.33	-0.071	199.9	-0.7918
				1391.42	-0.073	198.3	-0.8291
				1391.50	-0.072	197.6	-0.8424
				1391.58	-0.068	197.4	-0.8433
				1391.67	-0.06	198.8	-0.8308
				1391.75	-0.053	200.3	-0.7847
				1391.83	-0.041	202.6	-0.727
				1391.92	-0.027	205.7	-0.6276
				1392.00	-0.017	208.8	-0.5068
				1392.10	0.001	213.7	-0.2761
				1392.18	0.016	217	-0.0595
				1392.25	0.033	220.7	0.213
				1392.33	0.047	224	0.4607
				1392.42	0.057	226.6	0.6506
				1392.50	0.069	228.9	0.8166
				1392.58	0.08	230.7	0.924
				1392.67	0.085	232.7	0.9942
				1392.75	0.086	233.5	1.0519
				1392.83	0.086	234	1.0634
				1392.92	0.082	234.2	1.0607
				1393.00	0.074	233.9	1.0465
				1393.08	0.068	233.3	1.0208
				1393.17	0.056	232.4	0.9755
				1393.25	0.037	230.9	0.893
				1393.33	0.022	228	0.7873
				1393.42	0.008	225.4	0.6205
				1393.50	-0.006	222.6	0.2876
				1393.60	-0.019	219.4	0.0834
				1393.68	-0.038	215.6	-0.1562
				1393.75	-0.05	209.4	-0.3648
				1393.83	-0.058	205.8	-0.6142
				1393.92	-0.066	202.4	-0.7252
				1394.00	-0.072	199.7	-0.8007
				1394.08	-0.073	198.2	-0.8326
				1394.17	-0.073	197.5	-0.845
				1394.25	-0.07	197.4	-0.8441
				1394.33	-0.061	198.2	-0.8308
				1394.42	-0.05	200.7	-0.8033
				1394.50	-0.042	202.9	-0.7217
				1394.58	-0.028	205.8	-0.6258
				1394.67	-0.013	209.2	-0.49
				1394.75	0	212.9	-0.3045
				1394.83	0.014	216.3	-0.0914
				1394.92	0.03	220	0.1598
				1395.02	0.048	224.4	0.4855
				1395.10	0.06	227	0.6684
				1395.17	0.069	229.3	0.822
				1395.25	0.077	230.9	0.9267
				1395.33	0.084	232.3	1.0039
				1395.42	0.087	233.6	1.0439
				1395.50	0.085	234.1	1.0607
				1395.58	0.082	234.3	1.0598
				1395.67	0.075	234	1.0465

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1395.75	0.064	233.3	1.0172
				1395.83	0.057	232.2	0.9702
				1395.92	0.044	231	0.8939
				1396.00	0.028	229	0.7678
				1396.08	0.006	225.3	0.5947
				1396.17	-0.008	222.2	0.3861
				1396.25	-0.021	218.7	0.0213
				1396.33	-0.036	214.7	-0.2228
				1396.42	-0.048	210.3	-0.4403
				1396.52	-0.06	205.4	-0.5592
				1396.58	-0.067	201.8	-0.6808
				1396.67	-0.071	199.6	-0.8033
				1396.75	-0.073	198.2	-0.8344
				1396.83	-0.072	197.6	-0.845
				1396.92	-0.07	197.4	-0.8441
				1397.00	-0.064	198.2	-0.8299
				1397.08	-0.051	199.8	-0.7998
				1397.17	-0.037	203.3	-0.7501
				1397.25	-0.027	206.4	-0.6675
				1397.33	-0.014	209.3	-0.4776
				1397.42	0.002	213.2	-0.2894
				1397.50	0.016	216.8	-0.071
				1397.58	0.029	220.2	0.1687
				1397.67	0.045	223.4	0.4163
				1397.75	0.062	226.4	0.6373
				1397.83	0.073	229.7	0.7927
				1397.93	0.079	231.2	0.9489
				1398.02	0.082	232.4	1.003
				1398.08	0.087	233.4	1.0483
				1398.17	0.085	234	1.0607
				1398.25	0.081	234.3	1.0625
				1398.33	0.076	234	1.0439
				1398.42	0.065	233.4	1.0163
				1398.50	0.052	232.2	0.9613
				1398.58	0.044	230.7	0.885
				1398.67	0.028	229	0.7669
				1398.75	0.013	226.6	0.5938
				1398.83	-0.01	222	0.3693
				1398.92	-0.023	218.3	0.1287
				1399.00	-0.035	214.6	-0.2343
				1399.08	-0.048	210.2	-0.4483
				1399.17	-0.058	206.2	-0.6027
				1399.25	-0.064	203	-0.711
				1399.35	-0.071	199.5	-0.8069
				1399.43	-0.072	198.2	-0.8344
				1399.50	-0.072	197.5	-0.8459
				1399.58	-0.07	197.6	-0.8441
				1399.67	-0.064	198.2	-0.8282
				1399.75	-0.054	199.8	-0.7989
				1399.83	-0.038	202.1	-0.7438
				1399.92	-0.025	206.4	-0.6675
				1400.00	-0.014	209.6	-0.4776
				1400.08	0.002	213.1	-0.2938
				1400.17	0.017	216.8	-0.0719
				1400.25	0.029	220.3	0.1669
				1400.33	0.044	223.4	0.419
				1400.42	0.059	226.5	0.6515
				1400.50	0.073	228.8	0.8069
				1400.58	0.08	231.4	0.9116
				1400.67	0.084	232.7	1.019
				1400.75	0.086	233.5	1.0519
				1400.85	0.085	234.1	1.0643
				1400.92	0.081	234.3	1.0652

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1401.00	0.076	234	1.0465
				1401.08	0.066	233.4	1.0181
				1401.17	0.052	232.2	0.9631
				1401.25	0.042	230.7	0.8779
				1401.33	0.029	229.1	0.7607
				1401.42	0.012	226.5	0.585
				1401.50	-0.01	223.7	0.3675
				1401.58	-0.024	218.3	0.1296
				1401.67	-0.035	214.5	-0.2326
				1401.75	-0.048	210.3	-0.4447
				1401.83	-0.058	206.2	-0.6045
				1401.92	-0.066	202.6	-0.7243
				1402.00	-0.07	200.2	-0.7936
				1402.08	-0.073	198.6	-0.8308
				1402.17	-0.072	197.7	-0.8468
				1402.27	-0.069	197.6	-0.845
				1402.35	-0.064	198.4	-0.8299
				1402.42	-0.055	199.8	-0.8007
				1402.50	-0.042	202.3	-0.7438
				1402.58	-0.024	206.6	-0.6569
				1402.67	-0.012	209.9	-0.5423
				1402.75	0.002	213.4	-0.2805
				1402.83	0.017	217	-0.0595
				1402.92	0.032	220.6	0.1908
				1403.00	0.044	223.8	0.4296
				1403.08	0.058	226.5	0.6418
				1403.17	0.069	229	0.8095
				1403.25	0.081	231.5	0.9223
				1403.33	0.085	232.8	0.9977
				1403.42	0.086	233.6	1.0527
				1403.50	0.086	234.1	1.0634
				1403.58	0.082	234.3	1.0616
				1403.67	0.077	234.1	1.0492
				1403.77	0.066	233.4	1.0128
				1403.83	0.053	232.3	0.9622
				1403.92	0.04	230.7	0.8743
				1404.00	0.029	228.9	0.7598
				1404.08	0.013	226.6	0.5876
				1404.17	-0.009	223.7	0.3666
				1404.25	-0.024	218.3	0.1278
				1404.33	-0.037	214.1	-0.134
				1404.42	-0.048	210.2	-0.4554
				1404.50	-0.059	206.1	-0.6125
				1404.58	-0.066	202.7	-0.7199
				1404.67	-0.07	200.3	-0.7909
				1404.75	-0.073	198.6	-0.8317
				1404.83	-0.072	197.8	-0.8459
				1404.92	-0.068	197.8	-0.8468
				1405.00	-0.061	199	-0.8335
				1405.08	-0.053	200.3	-0.7873
				1405.18	-0.04	202.9	-0.7279
				1405.27	-0.025	205.1	-0.6595
				1405.33	-0.011	210	-0.5415
				1405.42	0.001	213.6	-0.2805
				1405.50	0.017	217.1	-0.0612
				1405.58	0.032	220.6	0.1917
				1405.67	0.044	223.9	0.4296
				1405.75	0.057	226.6	0.6489
				1405.83	0.07	229	0.822
				1405.92	0.08	230.8	0.9214
				1406.00	0.085	232.8	0.9942
				1406.08	0.086	233.6	1.0527
				1406.17	0.085	234.1	1.0625

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1406.25	0.082	234.4	1.0616
				1406.33	0.077	234.1	1.0483
				1406.42	0.068	233.6	1.0243
				1406.50	0.055	232.5	0.9746
				1406.58	0.036	230.3	0.8947
				1406.68	0.026	228.7	0.7483
				1406.75	0.014	226.5	0.5814
				1406.83	-0.003	223.5	0.3533
				1406.92	-0.025	220	0.103
				1407.00	-0.038	214.1	-0.1394
				1407.08	-0.047	210	-0.4545
				1407.17	-0.058	206.2	-0.6098
				1407.25	-0.066	202.6	-0.7243
				1407.33	-0.071	200	-0.798
				1407.42	-0.073	198.5	-0.8344
				1407.50	-0.072	197.7	-0.8468
				1407.58	-0.068	197.6	-0.8468
				1407.67	-0.06	198.9	-0.8344
				1407.75	-0.053	200.4	-0.7882
				1407.83	-0.041	202.8	-0.7305
				1407.92	-0.028	205.9	-0.632
				1408.00	-0.017	209	-0.5113
				1408.10	0.001	213.9	-0.2814
				1408.18	0.017	217.2	-0.0612
				1408.25	0.033	221	0.213
				1408.33	0.047	224.3	0.4598
				1408.42	0.057	226.8	0.6506
				1408.50	0.069	229.2	0.8149
				1408.58	0.08	231	0.9231
				1408.67	0.085	233	0.9959
				1408.75	0.086	233.8	1.0536
				1408.83	0.086	234.2	1.0634
				1408.92	0.082	234.4	1.0625
				1409.00	0.076	234.1	1.0474
				1409.08	0.068	233.7	1.0226
				1409.17	0.055	232.6	0.9746
				1409.25	0.036	231.2	0.8947
				1409.33	0.023	228.3	0.7891
				1409.42	0.011	225.8	0.5335
				1409.52	-0.006	223	0.3018
				1409.60	-0.017	220	0.1118
				1409.67	-0.039	213.8	-0.1624
				1409.75	-0.05	209.7	-0.379
				1409.83	-0.058	206.1	-0.6151
				1409.92	-0.066	202.5	-0.7305
				1410.00	-0.071	200	-0.7989
				1410.08	-0.072	198.5	-0.8326
				1410.17	-0.073	197.7	-0.8468
				1410.25	-0.07	197.6	-0.8468
				1410.33	-0.06	199	-0.8317
				1410.42	-0.05	200.9	-0.806
				1410.50	-0.042	202.8	-0.7261
				1410.58	-0.027	206	-0.6284
				1410.67	-0.014	209.3	-0.4926
				1410.75	-0.002	212.8	-0.3275
				1410.83	0.014	216.4	-0.1092
				1410.92	0.029	220	0.142
				1411.02	0.048	224.6	0.4838
				1411.10	0.059	227.2	0.6631
				1411.17	0.069	229.3	0.8184
				1411.25	0.078	231.1	0.9302
				1411.33	0.085	232.5	1.003
				1411.42	0.086	233.9	1.043

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1411.50	0.085	234.3	1.0634
				1411.58	0.082	234.5	1.0598
				1411.67	0.074	234.2	1.0474
				1411.75	0.065	233.6	1.019
				1411.83	0.057	232.7	0.9729
				1411.92	0.043	231.3	0.8947
				1412.00	0.022	229.3	0.7749
				1412.08	0.007	225.7	0.6151
				1412.17	-0.007	222.4	0.4003
				1412.25	-0.021	219.1	0.0178
				1412.33	-0.036	214.8	-0.2326
				1412.43	-0.051	210.6	-0.4367
				1412.50	-0.06	205.6	-0.5574
				1412.58	-0.066	202.5	-0.7296
				1412.67	-0.071	199.9	-0.7998
				1412.75	-0.073	198.4	-0.8353
				1412.83	-0.072	197.8	-0.8468
				1412.92	-0.07	197.7	-0.845
				1413.00	-0.063	198.5	-0.8317
				1413.08	-0.049	200.9	-0.8007
				1413.17	-0.039	203.4	-0.7545
				1413.25	-0.029	206.2	-0.6213
				1413.33	-0.013	209.5	-0.4873
				1413.42	0.001	213.2	-0.3053
				1413.50	0.014	216.8	-0.095
				1413.58	0.029	220.2	0.158
				1413.67	0.045	223.8	0.4278
				1413.75	0.063	226.6	0.6338
				1413.83	0.073	229.9	0.7891
				1413.93	0.077	231.4	0.9409
				1414.02	0.083	232.7	1.003
				1414.08	0.086	233.7	1.0465
				1414.17	0.085	234.4	1.0616
				1414.25	0.082	234.5	1.0607
				1414.33	0.076	234.3	1.0465
				1414.42	0.065	233.6	1.0172
				1414.50	0.053	232.5	0.964
				1414.58	0.044	231.2	0.8894
				1414.67	0.028	229.3	0.7687
				1414.75	0.007	226.9	0.5983
				1414.83	-0.009	222.5	0.3914
				1414.92	-0.023	218.5	0.1367
				1415.00	-0.035	214.9	-0.2388
				1415.08	-0.048	210.4	-0.4491
				1415.17	-0.058	206.5	-0.6027
				1415.25	-0.064	203.1	-0.7128
				1415.35	-0.071	199.7	-0.8095
				1415.43	-0.073	198.4	-0.8362
				1415.50	-0.072	197.8	-0.8468
				1415.58	-0.07	197.7	-0.8459
				1415.67	-0.064	198.4	-0.8308
				1415.75	-0.054	200.2	-0.7989
				1415.83	-0.038	202.3	-0.7465
				1415.92	-0.025	206.6	-0.6693
				1416.00	-0.014	209.7	-0.4784
				1416.08	0.002	213.4	-0.292
				1416.17	0.016	217	-0.0754
				1416.25	0.029	220.7	0.1704
				1416.33	0.044	223.8	0.4252
				1416.42	0.058	226.7	0.6506
				1416.50	0.073	229.1	0.806
				1416.58	0.08	231.7	0.9116
				1416.67	0.084	232.9	1.0217

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1416.75	0.086	233.8	1.0536
				1416.85	0.085	234.3	1.0652
				1416.93	0.081	234.6	1.0669
				1417.00	0.076	234.2	1.0483
				1417.08	0.066	233.7	1.019
				1417.17	0.052	232.4	0.9613
				1417.25	0.041	231	0.8797
				1417.33	0.029	229.3	0.7607
				1417.42	0.012	226.8	0.585
				1417.50	-0.009	223.9	0.3693
				1417.58	-0.024	218.6	0.1269
				1417.67	-0.035	214.7	-0.2388
				1417.75	-0.048	210.6	-0.4518
				1417.83	-0.059	206.2	-0.6213
				1417.92	-0.066	202.8	-0.7261
				1418.00	-0.07	200.4	-0.7936
				1418.08	-0.073	198.8	-0.8326
				1418.17	-0.072	198	-0.8468
				1418.27	-0.069	197.8	-0.8468
				1418.35	-0.064	198.7	-0.8317
				1418.42	-0.055	200	-0.8007
				1418.50	-0.042	202.5	-0.7447
				1418.58	-0.024	205.3	-0.6586
				1418.67	-0.011	210.2	-0.5432
				1418.75	0.001	213.8	-0.2858
				1418.83	0.017	217.3	-0.063
				1418.92	0.032	220.9	0.1944
				1419.00	0.044	224.2	0.427
				1419.08	0.057	226.8	0.6462
				1419.17	0.07	229.3	0.822
				1419.25	0.08	231.1	0.9205
				1419.33	0.085	233	0.9924
				1419.42	0.086	233.9	1.0527
				1419.50	0.086	234.4	1.0634
				1419.58	0.082	234.6	1.0616
				1419.68	0.073	234.2	1.0483
				1419.77	0.066	233.5	1.0128
				1419.83	0.054	232.6	0.9595
				1419.92	0.039	230.9	0.869
				1420.00	0.026	228.9	0.7394
				1420.08	0.014	226.7	0.577
				1420.17	-0.003	223.7	0.3488
				1420.25	-0.024	220.2	0.0959
				1420.33	-0.038	214.3	-0.1402
				1420.42	-0.049	209.7	-0.482
				1420.50	-0.058	206.3	-0.624
				1420.58	-0.067	202.6	-0.735
				1420.67	-0.071	200.2	-0.8007
				1420.75	-0.073	198.7	-0.8362
				1420.83	-0.072	197.9	-0.8504
				1420.92	-0.068	197.8	-0.8504
				1421.00	-0.06	199.2	-0.8379
				1421.08	-0.053	200.8	-0.7909
				1421.18	-0.043	202.6	-0.7421
				1421.27	-0.03	205.6	-0.6569
				1421.33	-0.01	208.8	-0.5273
				1421.42	0.004	214.1	-0.3701
				1421.50	0.017	217.7	-0.0497
				1421.58	0.033	221.1	0.205
				1421.67	0.047	224.4	0.4562
				1421.75	0.059	227.3	0.6719
				1421.83	0.069	229.4	0.822
				1421.92	0.078	231.2	0.9276

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1422.00	0.084	232.6	0.9995
				1422.08	0.086	234	1.043
				1422.17	0.086	234.4	1.0643
				1422.25	0.082	234.6	1.0616
				1422.33	0.074	234.3	1.0474
				1422.42	0.068	233.7	1.0217
				1422.50	0.057	232.9	0.9729
				1422.58	0.041	231.3	0.8885
				1422.68	0.025	228.9	0.7394
				1422.75	0.011	226.5	0.5574
				1422.83	-0.003	223.6	0.3364
				1422.92	-0.018	220.1	0.0861
				1423.00	-0.038	216.1	-0.1713
				1423.08	-0.05	209.8	-0.371
				1423.17	-0.058	206.2	-0.6205
				1423.25	-0.066	202.7	-0.7332
				1423.33	-0.071	200.2	-0.8033
				1423.42	-0.072	198.7	-0.8362
				1423.50	-0.072	197.9	-0.8504
				1423.58	-0.07	197.8	-0.8504
				1423.67	-0.06	199.2	-0.8362
				1423.75	-0.051	201	-0.8104
				1423.83	-0.042	203	-0.7296
				1423.92	-0.027	206.3	-0.632
				1424.00	-0.014	209.6	-0.4953
				1424.10	0.004	214.2	-0.3648
				1424.18	0.016	217.8	-0.0586
				1424.25	0.032	221.2	0.2077
				1424.33	0.048	224.6	0.4767
				1424.42	0.059	227.3	0.6657
				1424.50	0.069	229.5	0.8166
				1424.58	0.078	231.3	0.9258
				1424.67	0.085	232.7	1.0013
				1424.75	0.087	234.1	1.0421
				1424.83	0.085	234.5	1.0625
				1424.92	0.082	234.7	1.0598
				1425.00	0.074	234.4	1.0465
				1425.08	0.066	233.7	1.0172
				1425.17	0.057	232.9	0.9702
				1425.25	0.042	231.4	0.8903
				1425.33	0.022	229.5	0.7705
				1425.42	0.008	225.9	0.6134
				1425.52	-0.005	222.8	0.284
				1425.60	-0.018	220.1	0.0897
				1425.67	-0.038	216.1	-0.166
				1425.75	-0.051	209.7	-0.3746
				1425.83	-0.06	205.7	-0.561
				1425.92	-0.066	202.6	-0.7394
				1426.00	-0.071	200.1	-0.806
				1426.08	-0.073	198.6	-0.8397
				1426.17	-0.073	197.9	-0.8512
				1426.25	-0.07	197.8	-0.8504
				1426.33	-0.063	198.7	-0.837
				1426.42	-0.05	201.1	-0.8069
				1426.50	-0.038	203.6	-0.7598
				1426.58	-0.029	206.3	-0.6276
				1426.67	-0.013	209.7	-0.4918
				1426.75	0.001	213.3	-0.3133
				1426.83	0.013	217	-0.103
				1426.92	0.029	220.4	0.1447
				1427.02	0.046	224.7	0.4607
				1427.10	0.061	227.6	0.6817
				1427.17	0.071	229.9	0.8335

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1427.25	0.077	231.5	0.9276
				1427.33	0.083	232.8	1.0021
				1427.42	0.086	233.9	1.0448
				1427.50	0.085	234.6	1.0598
				1427.58	0.082	234.7	1.0581
				1427.67	0.075	234.5	1.0448
				1427.75	0.064	233.7	1.0146
				1427.83	0.055	232.6	0.9622
				1427.92	0.044	231.5	0.885
				1428.00	0.027	229.4	0.7598
				1428.08	0.006	227.1	0.5929
				1428.17	-0.008	222.7	0.3879
				1428.25	-0.021	219	0.0124
				1428.33	-0.035	215.2	-0.229
				1428.43	-0.051	210.6	-0.4483
				1428.52	-0.06	205.6	-0.569
				1428.58	-0.067	202.2	-0.6959
				1428.67	-0.071	199.9	-0.8122
				1428.75	-0.073	198.5	-0.8441
				1428.83	-0.072	197.9	-0.8539
				1428.92	-0.07	197.8	-0.8521
				1429.00	-0.064	198.5	-0.8388
				1429.08	-0.05	200.2	-0.8086
				1429.17	-0.038	203.6	-0.7598
				1429.25	-0.029	206.5	-0.6267
				1429.33	-0.014	209.7	-0.4882
				1429.42	0.002	213.6	-0.2974
				1429.50	0.016	217.2	-0.0817
				1429.58	0.029	220.7	0.1607
				1429.67	0.045	224	0.4163
				1429.75	0.062	226.9	0.6311
				1429.85	0.073	230.2	0.8592
				1429.93	0.077	231.7	0.932
				1430.00	0.083	233	1.003
				1430.08	0.087	234	1.0474
				1430.17	0.085	234.7	1.0598
				1430.25	0.081	234.8	1.0616
				1430.33	0.076	234.6	1.043
				1430.42	0.065	233.9	1.0155
				1430.50	0.053	232.7	0.9595
				1430.58	0.044	231.3	0.8823
				1430.67	0.028	229.6	0.7651
				1430.75	0.013	227.1	0.5885
				1430.83	-0.01	222.5	0.363
				1430.92	-0.023	218.7	0.1198
				1431.00	-0.035	215.1	-0.2414
				1431.08	-0.048	210.6	-0.4562
				1431.17	-0.058	206.7	-0.6116
				1431.25	-0.064	203.4	-0.7181
				1431.35	-0.071	199.9	-0.8149
				1431.43	-0.073	198.5	-0.8441
				1431.50	-0.072	198	-0.8557
				1431.58	-0.069	198	-0.853
				1431.67	-0.064	198.6	-0.8379
				1431.75	-0.055	200.2	-0.8086
				1431.83	-0.038	202.6	-0.7536
				1431.92	-0.025	207	-0.6755
				1432.00	-0.014	210.2	-0.4847
				1432.08	0.001	213.7	-0.3045
				1432.17	0.016	217.4	-0.0799
				1432.25	0.031	221.1	0.1864
				1432.33	0.044	224.2	0.4252
				1432.42	0.058	227.1	0.6382

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1432.50	0.073	229.6	0.806
				1432.58	0.08	232.1	0.9081
				1432.67	0.084	233.4	1.0163
				1432.75	0.086	234.2	1.0501
				1432.85	0.085	234.7	1.0616
				1432.92	0.081	235	1.0625
				1433.00	0.073	234.6	1.051
				1433.08	0.066	234.1	1.0137
				1433.17	0.053	233	0.9622
				1433.25	0.04	231.5	0.8743
				1433.33	0.029	229.6	0.758
				1433.42	0.013	227.3	0.5832
				1433.50	-0.009	224.3	0.3613
				1433.58	-0.024	219	0.1216
				1433.67	-0.037	214.7	-0.1385
				1433.75	-0.048	210.8	-0.466
				1433.83	-0.059	206.7	-0.6196
				1433.92	-0.066	203.1	-0.7332
				1434.00	-0.07	200.7	-0.8007
				1434.08	-0.073	199.1	-0.8406
				1434.17	-0.072	198.3	-0.8548
				1434.27	-0.069	198.1	-0.8548
				1434.35	-0.063	199.1	-0.8379
				1434.42	-0.055	200.4	-0.8069
				1434.50	-0.043	202.8	-0.7536
				1434.58	-0.024	205.7	-0.6657
				1434.67	-0.011	210.6	-0.5521
				1434.75	0.001	214.1	-0.2947
				1434.83	0.017	217.7	-0.0683
				1434.92	0.032	221.4	0.1891
				1435.00	0.044	224.7	0.4234
				1435.08	0.057	227.3	0.6418
				1435.17	0.07	229.8	0.8184
				1435.25	0.08	231.6	0.916
				1435.33	0.085	233.6	0.9915
				1435.42	0.086	234.4	1.0519
				1435.50	0.085	234.9	1.0607
				1435.58	0.082	235.1	1.0598
				1435.68	0.073	234.7	1.0465
				1435.77	0.066	234	1.0128
				1435.83	0.054	233.1	0.9578
				1435.92	0.039	231.4	0.8663
				1436.00	0.026	229.4	0.7341
				1436.08	0.013	227.2	0.5699
				1436.17	-0.003	224.2	0.3444
				1436.25	-0.025	220.7	0.0968
				1436.33	-0.038	214.8	-0.1473
				1436.42	-0.049	210.2	-0.4873
				1436.50	-0.058	206.7	-0.6293
				1436.58	-0.067	203	-0.7412
				1436.67	-0.071	200.6	-0.806
				1436.75	-0.073	199	-0.8433
				1436.83	-0.072	198.3	-0.8575
				1436.92	-0.068	198.1	-0.8575
				1437.00	-0.06	199.6	-0.8441
				1437.08	-0.052	201.3	-0.7971
				1437.18	-0.044	202.7	-0.7527
				1437.27	-0.03	206	-0.6604
				1437.33	-0.01	209.2	-0.5344
				1437.42	0.004	214.5	-0.3781
				1437.50	0.016	218.1	-0.0568
				1437.58	0.032	221.6	0.1997
				1437.67	0.047	224.9	0.4545

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1437.75	0.059	227.8	0.6693
				1437.83	0.069	229.8	0.8184
				1437.92	0.078	231.7	0.9258
				1438.00	0.085	233.1	0.9968
				1438.08	0.087	234.4	1.0421
				1438.17	0.086	234.9	1.0625
				1438.25	0.082	235.1	1.059
				1438.33	0.074	234.7	1.0448
				1438.42	0.066	234.1	1.0172
				1438.50	0.057	233.3	0.9702
				1438.60	0.041	231.4	0.8619
				1438.68	0.025	229.4	0.7367
				1438.75	0.011	226.8	0.5521
				1438.83	-0.002	223.8	0.3302
				1438.92	-0.018	220.5	0.0834
				1439.00	-0.033	216.4	-0.1784
				1439.08	-0.051	212	-0.4074
				1439.17	-0.06	206.1	-0.5699
				1439.25	-0.066	202.9	-0.7421
				1439.33	-0.071	200.5	-0.8104
				1439.42	-0.073	198.9	-0.8433
				1439.50	-0.073	198.2	-0.8566
				1439.58	-0.07	198.1	-0.8557
				1439.67	-0.063	198.9	-0.8424
				1439.75	-0.05	200.5	-0.8113
				1439.83	-0.038	204	-0.7643
				1439.92	-0.029	206.7	-0.6302
				1440.00	-0.013	210	-0.4971
				1440.10	0.004	212.8	-0.3755
				1440.17	0.019	218.3	-0.1651
				1440.25	0.032	221.9	0.2121
				1440.33	0.047	225	0.466
				1440.42	0.061	227.8	0.6826
				1440.50	0.071	230.1	0.8299
				1440.58	0.077	231.8	0.9285
				1440.67	0.083	233.2	1.0021
				1440.75	0.086	234.1	1.0439
				1440.83	0.085	234.9	1.059
				1440.92	0.082	235	1.0572
				1441.00	0.075	234.8	1.043
				1441.08	0.064	234.1	1.0137
				1441.17	0.054	233	0.9622
				1441.25	0.044	231.7	0.8814
				1441.33	0.028	229.8	0.7634
				1441.42	0.006	227.3	0.5912
				1441.52	-0.006	223.5	0.3062
				1441.60	-0.017	220	0.0746
				1441.67	-0.033	216.3	-0.1891
				1441.75	-0.046	211.6	-0.4252
				1441.83	-0.061	207.6	-0.5858
				1441.92	-0.067	202.5	-0.7021
				1442.00	-0.071	200.3	-0.8131
				1442.08	-0.073	198.8	-0.8459
				1442.17	-0.072	198.2	-0.8575
				1442.25	-0.07	198.2	-0.8557
				1442.33	-0.064	198.8	-0.8424
				1442.42	-0.054	200.5	-0.8122
				1442.50	-0.037	204	-0.7554
				1442.58	-0.025	207	-0.6799
				1442.67	-0.014	210.1	-0.4909
				1442.75	0.002	213.8	-0.3053
				1442.83	0.016	217.5	-0.0861
				1442.92	0.029	221.1	0.1598

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1443.02	0.046	225.5	0.4669
				1443.08	0.06	227.9	0.6773
				1443.17	0.072	230.3	0.8468
				1443.25	0.078	232	0.9373
				1443.33	0.083	233.3	1.0039
				1443.42	0.086	234.2	1.0456
				1443.50	0.085	234.8	1.0598
				1443.58	0.081	235.1	1.0607
				1443.67	0.076	234.6	1.0421
				1443.75	0.066	234.2	1.0137
				1443.83	0.053	232.9	0.9595
				1443.92	0.041	231.4	0.8708
				1444.00	0.029	229.7	0.7536
				1444.08	0.013	227.2	0.5805
				1444.17	-0.009	224.4	0.3604
				1444.25	-0.024	218.9	0.1172
				1444.33	-0.035	215	-0.2485
				1444.43	-0.046	211.4	-0.427
				1444.52	-0.056	207.4	-0.5867
				1444.58	-0.068	202.1	-0.7181
				1444.67	-0.071	200	-0.7944
				1444.75	-0.073	198.7	-0.8477
				1444.83	-0.072	198.1	-0.8592
				1444.92	-0.069	198.1	-0.8575
				1445.00	-0.064	199	-0.8415
				1445.08	-0.055	200.3	-0.8095
				1445.17	-0.042	202.9	-0.7545
				1445.25	-0.024	207.2	-0.6684
				1445.33	-0.011	210.5	-0.553
				1445.42	0.001	214.1	-0.2956
				1445.50	0.017	217.6	-0.0728
				1445.58	0.032	221.3	0.1864
				1445.67	0.044	224.6	0.4199
				1445.75	0.057	227.2	0.6382
				1445.85	0.073	230.6	0.8637
				1445.93	0.078	232	0.9338
				1446.00	0.084	233.4	1.0092
				1446.08	0.086	234.2	1.0474
				1446.17	0.086	234.8	1.0598
				1446.25	0.081	235.1	1.0598
				1446.33	0.072	234.6	1.0492
				1446.42	0.066	233.9	1.0101
				1446.50	0.054	233	0.956
				1446.58	0.039	231.3	0.8637
				1446.67	0.026	229.4	0.7332
				1446.75	0.014	227.1	0.569
				1446.83	-0.003	224.2	0.3444
				1446.92	-0.024	220.6	0.0941
				1447.00	-0.038	214.6	-0.1518
				1447.08	-0.049	210.1	-0.3808
				1447.17	-0.058	206.6	-0.6329
				1447.25	-0.067	202.9	-0.7438
				1447.35	-0.071	200.9	-0.7971
				1447.43	-0.073	198.5	-0.837
				1447.50	-0.072	198	-0.8601
				1447.58	-0.069	198.1	-0.8566
				1447.67	-0.062	199.1	-0.8406
				1447.75	-0.054	200.8	-0.8051
				1447.83	-0.044	202.7	-0.7536
				1447.92	-0.03	205.8	-0.664
				1448.00	-0.01	209.1	-0.5379
				1448.08	0.004	214.4	-0.3817
				1448.17	0.016	218	-0.0612

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1448.25	0.032	221.5	0.1944
				1448.33	0.047	224.8	0.4518
				1448.42	0.059	227.7	0.6657
				1448.50	0.069	229.8	0.8175
				1448.58	0.078	231.6	0.9276
				1448.67	0.085	233	0.9995
				1448.77	0.087	234.4	1.051
				1448.85	0.086	234.9	1.0616
				1448.92	0.083	235.1	1.0607
				1449.00	0.076	234.9	1.0492
				1449.08	0.062	233.9	1.0234
				1449.17	0.052	232.7	0.9817
				1449.25	0.041	231.4	0.8628
				1449.33	0.025	229.3	0.7279
				1449.42	0.011	226.8	0.5512
				1449.50	-0.002	223.8	0.3293
				1449.58	-0.018	220.5	0.0817
				1449.67	-0.038	216.4	-0.1793
				1449.75	-0.05	210.1	-0.3843
				1449.83	-0.06	206	-0.569
				1449.92	-0.066	203	-0.7483
				1450.00	-0.071	200.4	-0.8122
				1450.08	-0.073	198.8	-0.8477
				1450.17	-0.073	198.2	-0.8601
				1450.27	-0.069	198.2	-0.8575
				1450.33	-0.063	198.9	-0.8415
				1450.42	-0.052	200.8	-0.806
				1450.50	-0.042	203.2	-0.7456
				1450.58	-0.031	205.8	-0.6613
				1450.67	-0.016	209.2	-0.5335
				1450.75	0.005	212.7	-0.3675
				1450.83	0.019	218.3	-0.1562
				1450.92	0.032	221.9	0.2121
				1451.00	0.047	224.9	0.4598
				1451.08	0.061	227.8	0.6835
				1451.17	0.071	230.1	0.8308
				1451.25	0.077	231.7	0.9276
				1451.33	0.083	233.1	1.0021
				1451.42	0.086	234.1	1.0421
				1451.50	0.085	234.9	1.059
				1451.58	0.082	235	1.0572
				1451.68	0.077	234.9	1.0465
				1451.75	0.067	234.3	1.0226
				1451.83	0.05	233.3	0.9737
				1451.92	0.038	231.1	0.9045
				1452.00	0.026	229.2	0.7225
				1452.08	0.01	226.7	0.5388
				1452.17	-0.005	223.7	0.3089
				1452.25	-0.018	220.1	0.0648
				1452.33	-0.033	216.4	-0.1846
				1452.42	-0.046	211.9	-0.4128
				1452.50	-0.061	205.7	-0.5885
				1452.58	-0.067	202.6	-0.7074
				1452.67	-0.071	200.4	-0.8157
				1452.75	-0.073	198.9	-0.8495
				1452.83	-0.072	198.2	-0.8601
				1452.92	-0.07	198.2	-0.8583
				1453.00	-0.064	198.8	-0.845
				1453.08	-0.051	200.6	-0.814
				1453.18	-0.041	203.3	-0.7465
				1453.25	-0.029	206.4	-0.6444
				1453.33	-0.017	209.4	-0.521
				1453.42	-0.001	213.1	-0.3488

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1453.50	0.02	216.8	-0.1358
				1453.58	0.035	222.2	0.1039
				1453.67	0.047	225.3	0.4687
				1453.75	0.06	227.8	0.6764
				1453.83	0.072	230.3	0.8468
				1453.92	0.078	231.9	0.9382
				1454.00	0.083	233.3	1.0066
				1454.08	0.086	234.2	1.0448
				1454.17	0.085	234.7	1.059
				1454.25	0.081	235	1.0598
				1454.33	0.076	234.6	1.0421
				1454.42	0.065	234.2	1.0146
				1454.50	0.052	233	0.9587
				1454.60	0.037	231	0.8965
				1454.68	0.023	228.9	0.7873
				1454.75	0.01	226.6	0.5237
				1454.83	-0.007	223.5	0.2867
				1454.92	-0.02	219.8	0.0417
				1455.00	-0.032	215.9	-0.2015
				1455.08	-0.046	211.7	-0.4216
				1455.17	-0.056	207.6	-0.5894
				1455.25	-0.068	202.3	-0.7181
				1455.33	-0.071	200.1	-0.7953
				1455.42	-0.073	198.8	-0.8512
				1455.50	-0.072	198.1	-0.8619
				1455.58	-0.069	198.2	-0.8601
				1455.67	-0.064	199	-0.8441
				1455.75	-0.055	200.4	-0.8157
				1455.83	-0.042	203	-0.758
				1455.92	-0.024	207.4	-0.6702
				1456.02	-0.011	210.7	-0.4731
				1456.10	-0.002	213.4	-0.3435
				1456.17	0.014	217	-0.1287
				1456.25	0.036	220.7	0.1252
				1456.33	0.05	225.6	0.3737
				1456.42	0.059	228.1	0.679
				1456.50	0.071	230.3	0.8317
				1456.58	0.079	232.1	0.9409
				1456.67	0.084	233.5	1.0119
				1456.75	0.086	234.3	1.0492
				1456.83	0.086	234.8	1.0607
				1456.92	0.081	235.1	1.0616
				1457.00	0.073	234.7	1.051
				1457.08	0.066	234.1	1.0119
				1457.17	0.053	233.1	0.9595
				1457.25	0.04	231.5	0.8699
				1457.33	0.029	229.5	0.7492
				1457.42	0.013	227.3	0.5752
				1457.52	-0.006	223.5	0.2858
				1457.60	-0.021	219.6	0.024
				1457.67	-0.035	215.6	-0.2299
				1457.75	-0.045	211.6	-0.4287
				1457.83	-0.057	207.6	-0.5929
				1457.92	-0.067	203.8	-0.719
				1458.00	-0.072	200.1	-0.7944
				1458.08	-0.073	198.8	-0.8388
				1458.17	-0.072	198.2	-0.8619
				1458.25	-0.069	198.2	-0.8592
				1458.33	-0.062	199.2	-0.8424
				1458.42	-0.056	200.5	-0.8122
				1458.50	-0.043	202.8	-0.7598
				1458.58	-0.025	205.9	-0.6666
				1458.67	-0.011	210.7	-0.553

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1458.75	0.003	214.5	-0.3897
				1458.83	0.017	217.9	-0.0604
				1458.93	0.033	221.7	0.1979
				1459.02	0.05	224.4	0.3897
				1459.08	0.062	228.4	0.6
				1459.17	0.07	230.6	0.8415
				1459.25	0.078	232.2	0.9427
				1459.33	0.084	233.6	1.0119
				1459.42	0.086	234.4	1.0483
				1459.50	0.086	235	1.0607
				1459.58	0.083	235.2	1.0598
				1459.67	0.074	235	1.0492
				1459.75	0.062	234	1.0252
				1459.83	0.054	232.9	0.9524
				1459.92	0.04	231.5	0.8681
				1460.00	0.025	229.4	0.7332
				1460.08	0.013	227	0.5654
				1460.17	-0.003	224.3	0.3373
				1460.25	-0.019	220.5	0.0701
				1460.33	-0.038	216.5	-0.182
				1460.43	-0.046	211.3	-0.4332
				1460.50	-0.055	207.4	-0.5921
				1460.58	-0.065	203.6	-0.7296
				1460.67	-0.07	200.9	-0.8024
				1460.75	-0.073	198.6	-0.8433
				1460.83	-0.072	198.2	-0.861
				1460.92	-0.069	198.2	-0.8583
				1461.00	-0.062	199.1	-0.8433
				1461.08	-0.052	200.9	-0.8069
				1461.17	-0.044	203	-0.7563
				1461.25	-0.03	205.9	-0.6684
				1461.33	-0.011	209.2	-0.5406
				1461.42	0.004	214.6	-0.3808
				1461.50	0.019	218.4	-0.1642
				1461.58	0.032	221.8	0.2104
				1461.67	0.048	225.1	0.4625
				1461.75	0.06	227.8	0.6631
				1461.85	0.072	230.7	0.8007
				1461.93	0.078	232.4	0.94
				1462.00	0.084	233.6	1.0155
				1462.08	0.087	234.5	1.051
				1462.17	0.086	235	1.0607
				1462.25	0.083	235.3	1.0598
				1462.33	0.077	235	1.0483
				1462.42	0.063	234.4	1.0226
				1462.50	0.05	232.8	0.98
				1462.58	0.041	231.3	0.8592
				1462.67	0.025	229.4	0.7288
				1462.75	0.01	226.9	0.5459
				1462.83	-0.004	223.8	0.3071
				1462.92	-0.018	220.4	0.0612
				1463.00	-0.033	216.3	-0.1926
				1463.08	-0.051	212	-0.4128
				1463.17	-0.06	206.1	-0.5708
				1463.25	-0.065	202.9	-0.7465
				1463.33	-0.07	200.8	-0.8069
				1463.42	-0.073	199.1	-0.8441
				1463.50	-0.072	198.2	-0.861
				1463.58	-0.068	198.4	-0.8619
				1463.67	-0.062	199.1	-0.8406
				1463.75	-0.052	200.9	-0.8069
				1463.83	-0.041	203.4	-0.7447
				1463.92	-0.031	206.1	-0.6613

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1464.00	-0.016	209.3	-0.5352
				1464.08	0.004	212.9	-0.3675
				1464.17	0.02	218.4	-0.1562
				1464.25	0.033	222.2	0.0923
				1464.33	0.047	225.2	0.474
				1464.42	0.06	227.9	0.6755
				1464.50	0.071	230.3	0.8291
				1464.58	0.077	231.9	0.9285
				1464.67	0.083	233.3	1.0039
				1464.77	0.086	234.6	1.0536
				1464.83	0.086	235.1	1.0625
				1464.92	0.083	235.2	1.0616
				1465.00	0.077	235.1	1.0483
				1465.08	0.066	234.4	1.0226
				1465.17	0.05	233.5	0.9764
				1465.25	0.037	231.3	0.9045
				1465.33	0.026	229.3	0.7225
				1465.42	0.01	226.9	0.5379
				1465.50	-0.006	223.8	0.3053
				1465.58	-0.018	220.2	0.0657
				1465.67	-0.032	216.4	-0.1988
				1465.75	-0.047	211.7	-0.4332
				1465.83	-0.06	207.9	-0.5867
				1465.92	-0.067	202.7	-0.7066
				1466.00	-0.07	200.4	-0.8166
				1466.08	-0.073	198.9	-0.8512
				1466.18	-0.072	198.3	-0.8628
				1466.25	-0.068	198.3	-0.8646
				1466.33	-0.061	199.5	-0.8512
				1466.42	-0.053	200.8	-0.806
				1466.50	-0.04	203.5	-0.7456
				1466.58	-0.028	206.5	-0.648
				1466.67	-0.017	209.6	-0.5273
				1466.75	-0.001	213.2	-0.3551
				1466.83	0.02	216.9	-0.1367
				1466.92	0.035	222.3	0.103
				1467.00	0.047	225.5	0.4722
				1467.08	0.06	227.9	0.6764
				1467.17	0.072	230.4	0.8441
				1467.25	0.078	232.1	0.9382
				1467.33	0.083	233.4	1.0048
				1467.42	0.086	234.2	1.043
				1467.50	0.085	234.9	1.0563
				1467.58	0.081	235.2	1.0581
				1467.68	0.077	235	1.0456
				1467.77	0.068	234.5	1.019
				1467.83	0.055	233.5	0.9702
				1467.92	0.036	232	0.8921
				1468.00	0.022	229.1	0.7856
				1468.08	0.011	226.6	0.5255
				1468.17	-0.006	223.7	0.2929
				1468.25	-0.021	220	0.0355
				1468.33	-0.034	215.7	-0.2299
				1468.42	-0.046	211.8	-0.4385
				1468.50	-0.057	207.5	-0.6027
				1468.58	-0.068	204	-0.7208
				1468.67	-0.072	200.2	-0.7971
				1468.75	-0.073	198.9	-0.8539
				1468.83	-0.072	198.3	-0.8646
				1468.92	-0.069	198.3	-0.8619
				1469.00	-0.064	199.2	-0.8468
				1469.10	-0.052	201.4	-0.8157
				1469.18	-0.042	203.4	-0.7447

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1469.25	-0.027	206.7	-0.6444
				1469.33	-0.014	210	-0.5113
				1469.42	-0.002	213.5	-0.3453
				1469.50	0.014	217.1	-0.1243
				1469.58	0.029	220.9	0.1314
				1469.67	0.051	225.8	0.3986
				1469.75	0.062	228.4	0.6089
				1469.83	0.07	230.5	0.8415
				1469.92	0.079	232.2	0.9436
				1470.00	0.084	233.6	1.011
				1470.08	0.086	234.4	1.0465
				1470.17	0.086	235	1.0607
				1470.25	0.083	235.3	1.0607
				1470.33	0.073	234.8	1.0492
				1470.42	0.063	234.1	1.027
				1470.50	0.054	233.2	0.9551
				1470.60	0.043	232	0.8885
				1470.67	0.022	230.1	0.7705
				1470.75	0.008	226.5	0.6107
				1470.83	-0.005	223.4	0.2814
				1470.92	-0.021	219.9	0.0231
				1471.00	-0.035	215.7	-0.2343
				1471.08	-0.047	211.2	-0.4545
				1471.17	-0.056	207.6	-0.6071
				1471.25	-0.065	203.8	-0.7279
				1471.33	-0.072	201	-0.8033
				1471.42	-0.073	198.8	-0.845
				1471.50	-0.072	198.2	-0.8663
				1471.58	-0.069	198.3	-0.8628
				1471.67	-0.062	199.3	-0.8468
				1471.75	-0.053	201	-0.8113
				1471.83	-0.044	203	-0.758
				1471.92	-0.03	206.1	-0.6702
				1472.02	-0.013	210.4	-0.5006
				1472.10	0	213.9	-0.3275
				1472.17	0.013	217.6	-0.1101
				1472.25	0.03	221.1	0.1429
				1472.33	0.045	224.5	0.403
				1472.42	0.063	228.6	0.6284
				1472.50	0.072	230.8	0.7873
				1472.58	0.078	232.4	0.9462
				1472.67	0.084	233.7	1.0146
				1472.75	0.087	234.5	1.0492
				1472.83	0.086	235	1.0616
				1472.92	0.083	235.3	1.0607
				1473.00	0.076	235.1	1.0492
				1473.08	0.062	234.1	1.0234
				1473.17	0.051	233	0.9826
				1473.25	0.041	231.6	0.8601
				1473.33	0.025	229.6	0.7296
				1473.42	0.011	227.1	0.5521
				1473.52	-0.008	223.2	0.3781
				1473.58	-0.021	219.5	0.0098
				1473.67	-0.035	215.6	-0.2459
				1473.75	-0.049	210.8	-0.4749
				1473.83	-0.058	207	-0.6213
				1473.92	-0.064	203.7	-0.7323
				1474.00	-0.071	200.9	-0.8095
				1474.08	-0.073	199.3	-0.8468
				1474.17	-0.072	198.3	-0.8619
				1474.25	-0.068	198.5	-0.8592
				1474.33	-0.063	199.2	-0.8424
				1474.42	-0.052	201.1	-0.8095

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1474.50	-0.041	203.6	-0.7474
				1474.58	-0.031	206	-0.6666
				1474.67	-0.016	209.5	-0.5352
				1474.75	0.005	213.1	-0.3639
				1474.83	0.019	218.5	-0.1607
				1474.93	0.029	221.7	0.158
				1475.02	0.044	224.8	0.3994
				1475.08	0.063	227.6	0.6338
				1475.17	0.073	230.9	0.7882
				1475.25	0.079	232.6	0.9063
				1475.33	0.084	233.8	1.0181
				1475.42	0.086	234.6	1.0492
				1475.50	0.086	235.1	1.0607
				1475.58	0.083	235.4	1.0598
				1475.67	0.076	235.1	1.0483
				1475.75	0.063	234.5	1.0226
				1475.83	0.05	232.9	0.9808
				1475.92	0.041	231.5	0.8619
				1476.00	0.025	229.7	0.7296
				1476.08	0.01	227.1	0.5468
				1476.17	-0.004	224	0.3142
				1476.25	-0.018	220.7	0.0621
				1476.35	-0.037	214.8	-0.2778
				1476.43	-0.047	211.3	-0.442
				1476.50	-0.058	206.9	-0.6267
				1476.58	-0.064	203.7	-0.7323
				1476.67	-0.07	201	-0.806
				1476.75	-0.073	199.2	-0.8486
				1476.83	-0.072	198.2	-0.8646
				1476.92	-0.068	198.5	-0.8663
				1477.00	-0.062	199.3	-0.8433
				1477.08	-0.052	201.1	-0.8104
				1477.17	-0.041	203.6	-0.7492
				1477.25	-0.032	206.1	-0.6666
				1477.33	-0.016	209.5	-0.5379
				1477.42	0.005	213.1	-0.3639
				1477.50	0.019	218.5	-0.1544
				1477.58	0.032	222.2	0.213
				1477.67	0.047	225.3	0.4625
				1477.75	0.061	228.1	0.6879
				1477.85	0.072	231	0.8166
				1477.93	0.08	232.7	0.9001
				1478.00	0.084	233.9	1.0172
				1478.08	0.086	234.7	1.0501
				1478.17	0.085	235.2	1.0598
				1478.25	0.083	235.4	1.0598
				1478.33	0.077	235.3	1.0483
				1478.42	0.066	234.5	1.0208
				1478.50	0.05	232.9	0.9737
				1478.58	0.038	231.4	0.9027
				1478.67	0.026	229.6	0.7225
				1478.75	0.009	227	0.5352
				1478.83	-0.005	224	0.3062
				1478.92	-0.018	220.5	0.0648
				1479.00	-0.033	216.6	-0.1935
				1479.08	-0.05	212.2	-0.4181
				1479.17	-0.06	206.2	-0.5743
				1479.27	-0.066	203	-0.7536
				1479.35	-0.07	201	-0.8095
				1479.42	-0.073	199.2	-0.8512
				1479.50	-0.072	198.4	-0.8654
				1479.58	-0.068	198.5	-0.8663
				1479.67	-0.062	199.6	-0.8441

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1479.75	-0.053	201	-0.8131
				1479.83	-0.04	203.7	-0.7474
				1479.92	-0.029	206.7	-0.6506
				1480.00	-0.017	209.7	-0.5273
				1480.08	-0.001	213.4	-0.3533
				1480.17	0.02	217	-0.1411
				1480.25	0.035	222.4	0.103
				1480.33	0.047	225.6	0.4713
				1480.42	0.06	228.1	0.6773
				1480.50	0.072	230.6	0.8468
				1480.58	0.078	232.3	0.94
				1480.67	0.083	233.5	1.0057
				1480.77	0.087	234.8	1.0554
				1480.83	0.085	235.3	1.0634
				1480.92	0.083	235.5	1.0625
				1481.00	0.077	235.1	1.0492
				1481.08	0.068	234.7	1.0243
				1481.17	0.055	233.6	0.9737
				1481.25	0.036	231.3	0.893
				1481.33	0.023	229.2	0.7864
				1481.42	0.01	226.9	0.529
				1481.50	-0.006	223.9	0.2956
				1481.58	-0.02	220.2	0.0355
				1481.67	-0.032	216.2	-0.205
				1481.75	-0.046	212	-0.4252
				1481.83	-0.057	207.8	-0.5956
				1481.92	-0.068	202.4	-0.7252
				1482.00	-0.071	200.4	-0.8015
				1482.08	-0.073	199	-0.8566
				1482.18	-0.073	198.3	-0.8681
				1482.25	-0.068	198.2	-0.8681
				1482.33	-0.06	199.6	-0.8557
				1482.42	-0.054	201.1	-0.8095
				1482.50	-0.041	203.5	-0.7501
				1482.58	-0.027	206.7	-0.6489
				1482.67	-0.017	209.9	-0.5281
				1482.75	-0.002	213.3	-0.3577
				1482.83	0.014	217.1	-0.1358
				1482.92	0.036	222.7	0.126
				1483.00	0.05	225.8	0.3728
				1483.08	0.059	228.3	0.6808
				1483.17	0.071	230.6	0.8353
				1483.25	0.079	232.3	0.9391
				1483.33	0.083	233.6	1.0048
				1483.42	0.086	234.5	1.0456
				1483.50	0.085	235	1.0581
				1483.58	0.081	235.4	1.0607
				1483.68	0.076	235.1	1.0456
				1483.75	0.068	234.7	1.0208
				1483.83	0.055	233.6	0.972
				1483.92	0.037	232.2	0.8939
				1484.00	0.023	229.3	0.7864
				1484.08	0.011	226.8	0.5237
				1484.17	-0.006	223.9	0.292
				1484.25	-0.021	220.1	0.0355
				1484.33	-0.034	215.9	-0.2308
				1484.42	-0.045	212	-0.4349
				1484.50	-0.057	207.6	-0.6063
				1484.58	-0.067	204.1	-0.7234
				1484.67	-0.072	200.3	-0.7971
				1484.75	-0.073	199	-0.8566
				1484.83	-0.072	198.4	-0.8681
				1484.92	-0.069	198.5	-0.8646

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1485.00	-0.062	199.5	-0.8477
				1485.10	-0.051	201.5	-0.8175
				1485.18	-0.042	203.6	-0.7465
				1485.25	-0.027	206.9	-0.6444
				1485.33	-0.014	210.3	-0.5113
				1485.42	-0.002	213.8	-0.3426
				1485.50	0.014	217.3	-0.1243
				1485.58	0.029	221	0.1296
				1485.67	0.051	226	0.3968
				1485.75	0.062	228.6	0.6071
				1485.83	0.07	230.7	0.8424
				1485.92	0.079	232.4	0.9436
				1486.00	0.085	233.7	1.0137
				1486.08	0.086	234.6	1.0474
				1486.17	0.086	235.2	1.0607
				1486.25	0.081	235.4	1.0625
				1486.33	0.073	235	1.0501
				1486.42	0.064	234.2	1.0279
				1486.52	0.054	233.4	0.9551
				1486.58	0.043	232.1	0.8947
				1486.67	0.022	230.2	0.7722
				1486.75	0.007	226.6	0.6071
				1486.83	-0.005	223.6	0.2823
				1486.92	-0.021	220	0.024
				1487.00	-0.035	215.9	-0.2317
				1487.08	-0.047	211.3	-0.4589
				1487.17	-0.056	207.7	-0.6107
				1487.25	-0.065	203.9	-0.7305
				1487.33	-0.072	201.2	-0.806
				1487.42	-0.073	198.9	-0.8477
				1487.50	-0.072	198.4	-0.8681
				1487.58	-0.069	198.5	-0.8646
				1487.67	-0.062	199.5	-0.8486
				1487.75	-0.053	201.2	-0.8122
				1487.83	-0.044	203	-0.7616
				1487.92	-0.03	206.2	-0.6711
				1488.02	-0.013	210.6	-0.5015
				1488.10	0	214.1	-0.3302
				1488.17	0.013	217.7	-0.1127
				1488.25	0.029	221.2	0.1402
				1488.33	0.044	224.7	0.4021
				1488.42	0.063	228.8	0.6293
				1488.50	0.072	230.9	0.79
				1488.58	0.078	232.5	0.9462
				1488.67	0.084	233.8	1.0146
				1488.75	0.086	234.7	1.0483
				1488.83	0.086	235.2	1.0598
				1488.92	0.083	235.5	1.0598
				1489.00	0.076	235.2	1.0492
				1489.08	0.062	234.3	1.0234
				1489.17	0.051	233.1	0.9817
				1489.25	0.041	231.7	0.8628
				1489.33	0.025	229.7	0.7296
				1489.43	0.006	227.2	0.5477
				1489.52	-0.008	223.3	0.3861
				1489.58	-0.021	219.6	0.0053
				1489.67	-0.035	215.8	-0.2468
				1489.75	-0.049	211	-0.4758
				1489.83	-0.058	207.1	-0.6249
				1489.92	-0.064	203.9	-0.735
				1490.00	-0.07	201.1	-0.8086
				1490.08	-0.073	199.4	-0.8495
				1490.17	-0.072	198.4	-0.8654

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1490.25	-0.069	198.6	-0.8637
				1490.33	-0.062	199.4	-0.8477
				1490.42	-0.052	201.3	-0.8122
				1490.50	-0.042	203.7	-0.7518
				1490.58	-0.031	206.3	-0.6666
				1490.67	-0.016	209.8	-0.5352
				1490.75	0.005	213.3	-0.3684
				1490.83	0.019	218.7	-0.1616
				1490.93	0.029	221.9	0.1624
				1491.02	0.044	224.9	0.3968
				1491.08	0.063	227.8	0.632
				1491.17	0.073	231.1	0.7873
				1491.25	0.078	232.7	0.9444
				1491.33	0.084	233.9	1.0146
				1491.42	0.086	234.8	1.051
				1491.50	0.086	235.3	1.0616
				1491.58	0.083	235.6	1.0616
				1491.67	0.077	235.3	1.0492
				1491.75	0.063	234.7	1.0243
				1491.83	0.05	233.2	0.9826
				1491.92	0.041	231.7	0.8619
				1492.00	0.025	229.7	0.7314
				1492.08	0.01	227.3	0.5486
				1492.17	-0.003	224.3	0.3302
				1492.25	-0.018	220.9	0.0754
				1492.35	-0.036	215.4	-0.269
				1492.42	-0.048	211.2	-0.4598
				1492.50	-0.058	207.2	-0.6213
				1492.58	-0.064	203.8	-0.7376
				1492.67	-0.071	201.1	-0.8131
				1492.75	-0.073	199.5	-0.8486
				1492.83	-0.072	198.5	-0.8646
				1492.92	-0.069	198.7	-0.8628
				1493.00	-0.062	199.4	-0.845
				1493.08	-0.052	201.2	-0.8131
				1493.17	-0.041	203.7	-0.7509
				1493.25	-0.031	206.3	-0.6666
				1493.33	-0.016	209.7	-0.5379
				1493.42	0.004	213.4	-0.3639
				1493.50	0.019	218.8	-0.1571
				1493.58	0.032	222.4	0.2104
				1493.67	0.047	225.4	0.4625
				1493.75	0.061	228.3	0.6861
				1493.85	0.072	230.2	0.7918
				1493.92	0.08	232.8	0.8992
				1494.00	0.084	234	1.019
				1494.08	0.086	234.8	1.0501
				1494.17	0.086	235.3	1.0607
				1494.25	0.083	235.5	1.0598
				1494.33	0.077	235.4	1.0465
				1494.42	0.066	234.7	1.0217
				1494.50	0.05	233.2	0.9755
				1494.58	0.037	231.5	0.9045
				1494.67	0.026	229.7	0.7208
				1494.75	0.01	227.2	0.5379
				1494.83	-0.005	224.1	0.3053
				1494.92	-0.017	220.6	0.063
				1495.00	-0.033	216.7	-0.1926
				1495.08	-0.046	212.3	-0.4163
				1495.17	-0.06	206.1	-0.5992
				1495.27	-0.067	203.1	-0.7545
				1495.35	-0.069	201.3	-0.8024
				1495.42	-0.074	199.3	-0.8504

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1495.50	-0.071	198.7	-0.8628
				1495.58	-0.068	198.6	-0.8646
				1495.67	-0.063	199.7	-0.8424
				1495.75	-0.054	201.2	-0.8095
				1495.83	-0.04	204	-0.7447
				1495.92	-0.029	206.8	-0.6506
				1496.00	-0.016	209.9	-0.5237
				1496.08	0	213.7	-0.3462
				1496.17	0.02	217.1	-0.1456
				1496.25	0.035	222.6	0.103
				1496.33	0.046	225.7	0.4687
				1496.42	0.061	228.4	0.6835
				1496.50	0.071	230.7	0.8335
				1496.58	0.077	232.4	0.9285
				1496.68	0.085	234.2	1.0288
				1496.77	0.086	234.9	1.0536
				1496.83	0.086	235.4	1.0643
				1496.92	0.083	235.6	1.0625
				1497.00	0.077	235.4	1.0492
				1497.08	0.067	234.8	1.0243
				1497.17	0.051	233.8	0.9755
				1497.25	0.037	231.5	0.9054
				1497.33	0.026	229.6	0.7243
				1497.42	0.01	227.2	0.5432
				1497.50	-0.006	224.1	0.3053
				1497.58	-0.017	220.6	0.0639
				1497.67	-0.033	216.7	-0.1944
				1497.75	-0.05	212.3	-0.4181
				1497.83	-0.06	206.3	-0.5796
				1497.92	-0.065	203.2	-0.7536
				1498.00	-0.071	200.7	-0.8228
				1498.08	-0.073	199.2	-0.8566
				1498.18	-0.072	198.3	-0.8708
				1498.25	-0.069	198.4	-0.8681
				1498.33	-0.062	199.3	-0.8521
				1498.42	-0.052	201.2	-0.8157
				1498.50	-0.044	203.1	-0.7651
				1498.58	-0.03	206.2	-0.6746
				1498.67	-0.01	211.2	-0.5468
				1498.75	0.003	214.8	-0.3897
				1498.83	0.017	218.3	-0.0675
				1498.92	0.033	222	0.1962
				1499.00	0.047	225.3	0.45
				1499.08	0.057	227.8	0.6453
				1499.17	0.07	230.3	0.8131
				1499.25	0.08	232.7	0.9178
				1499.33	0.085	234	0.9933
				1499.42	0.086	234.8	1.0536
				1499.50	0.086	235.3	1.0634
				1499.60	0.081	235.6	1.0625
				1499.67	0.074	235.1	1.0527
				1499.75	0.066	234.7	1.0146
				1499.83	0.053	233.4	0.9604
				1499.92	0.042	231.9	0.8726
				1500.00	0.028	230.3	0.7554
				1500.08	0.012	227.6	0.5752
				1500.17	-0.009	223.2	0.3577
				1500.25	-0.023	219.3	-0.024
				1500.33	-0.035	215.8	-0.253
				1500.42	-0.049	211.1	-0.4704
				1500.50	-0.057	207.2	-0.624
				1500.58	-0.064	204	-0.735
				1500.67	-0.071	201.1	-0.814

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1500.75	-0.073	198.9	-0.8521
				1500.83	-0.072	198.4	-0.8717
				1500.92	-0.069	198.5	-0.8681
				1501.00	-0.062	199.5	-0.8521
				1501.10	-0.051	201.6	-0.8308
				1501.17	-0.041	204	-0.7465
				1501.25	-0.028	206.8	-0.6506
				1501.33	-0.013	210.3	-0.5131
				1501.42	-0.002	213.9	-0.3444
				1501.50	0.014	217.3	-0.1305
				1501.58	0.035	221.1	0.1234
				1501.67	0.05	225.9	0.3701
				1501.75	0.059	228.5	0.6817
				1501.83	0.071	230.7	0.8335
				1501.92	0.079	232.4	0.9418
				1502.00	0.082	233.7	1.003
				1502.08	0.086	234.6	1.043
				1502.17	0.085	235.2	1.059
				1502.25	0.081	235.5	1.0607
				1502.33	0.075	235.1	1.0421
				1502.42	0.065	234.6	1.0146
				1502.52	0.051	233.4	0.9578
				1502.58	0.037	231.4	0.901
				1502.67	0.026	229.5	0.7225
				1502.75	0.01	227.1	0.5361
				1502.83	-0.005	224.1	0.3036
				1502.92	-0.018	220.6	0.063
				1503.00	-0.033	216.7	-0.1926
				1503.08	-0.05	212.4	-0.4154
				1503.17	-0.06	206.4	-0.577
				1503.25	-0.066	203.2	-0.7563
				1503.33	-0.071	200.7	-0.8228
				1503.42	-0.073	199.2	-0.8583
				1503.50	-0.072	198.6	-0.8699
				1503.58	-0.07	198.4	-0.869
				1503.67	-0.061	199.3	-0.8557
				1503.75	-0.05	201.7	-0.8291
				1503.83	-0.042	203.9	-0.7465
				1503.92	-0.027	207	-0.648
				1504.00	-0.011	211.1	-0.5619
				1504.08	0.003	214.9	-0.3994
				1504.17	0.017	218.3	-0.0683
				1504.25	0.033	222	0.1926
				1504.33	0.046	225.4	0.4483
				1504.42	0.057	227.9	0.6453
				1504.50	0.069	230.3	0.8095
				1504.58	0.08	232.8	0.9169
				1504.67	0.084	234	0.9915
				1504.75	0.086	234.8	1.0519
				1504.83	0.085	235.3	1.0616
				1504.92	0.082	235.5	1.0607
				1505.00	0.077	235.4	1.0483
				1505.08	0.067	234.7	1.0234
				1505.17	0.05	233.1	0.9737
				1505.25	0.038	231.5	0.9054
				1505.33	0.026	229.8	0.7217
				1505.43	0.009	227.1	0.5352
				1505.50	-0.009	223.2	0.3657
				1505.58	-0.022	219.4	0.1287
				1505.67	-0.035	215.7	-0.2565
				1505.75	-0.049	211.1	-0.474
				1505.83	-0.057	207.1	-0.6249
				1505.92	-0.065	203.9	-0.7385

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1506.00	-0.071	201	-0.814
				1506.08	-0.073	198.9	-0.8512
				1506.17	-0.072	198.4	-0.8726
				1506.25	-0.069	198.5	-0.869
				1506.33	-0.062	199.6	-0.853
				1506.42	-0.055	201.1	-0.8211
				1506.50	-0.044	203.1	-0.7687
				1506.58	-0.025	206.3	-0.6773
				1506.67	-0.011	211.1	-0.561
				1506.75	0.001	214.7	-0.3036
				1506.85	0.017	218.2	-0.0799
				1506.92	0.035	221.2	0.1163
				1507.00	0.05	226	0.363
				1507.08	0.059	228.6	0.6755
				1507.17	0.071	230.8	0.8353
				1507.25	0.079	232.5	0.9391
				1507.33	0.083	233.8	1.0048
				1507.42	0.086	234.7	1.0474
				1507.50	0.085	235.3	1.0616
				1507.58	0.081	235.5	1.0616
				1507.67	0.075	235.3	1.0448
				1507.75	0.065	234.6	1.0163
				1507.83	0.053	233.5	0.9595
				1507.92	0.044	232.2	0.8841
				1508.00	0.027	230.2	0.7607
				1508.08	0.006	226.6	0.5938
				1508.17	-0.008	223.4	0.3826
				1508.25	-0.021	220	0.0062
				1508.35	-0.033	216.3	-0.2166
				1508.42	-0.051	210.2	-0.4083
				1508.50	-0.06	206.4	-0.5779
				1508.58	-0.066	203.4	-0.7545
				1508.67	-0.071	200.7	-0.8246
				1508.75	-0.073	199.2	-0.8592
				1508.83	-0.073	198.5	-0.8726
				1508.92	-0.07	198.4	-0.8717
				1509.00	-0.06	199.8	-0.8583
				1509.08	-0.051	201.7	-0.8317
				1509.17	-0.041	203.7	-0.7509
				1509.25	-0.026	207.1	-0.648
				1509.33	-0.015	210.3	-0.5193
				1509.42	-0.002	213.6	-0.3506
				1509.50	0.014	217.5	-0.1278
				1509.58	0.036	222.8	0.1198
				1509.67	0.049	226	0.4997
				1509.77	0.06	228.3	0.6693
				1509.83	0.068	230.5	0.7953
				1509.92	0.081	233	0.916
				1510.00	0.084	234.2	1.0208
				1510.08	0.086	234.9	1.051
				1510.17	0.086	235.4	1.0625
				1510.25	0.083	235.6	1.0616
				1510.33	0.076	235.4	1.0492
				1510.42	0.064	234.8	1.0252
				1510.50	0.05	233.2	0.98
				1510.58	0.041	231.6	0.8601
				1510.67	0.025	229.9	0.7314
				1510.75	0.01	227.3	0.5468
				1510.83	-0.002	224.4	0.332
				1510.92	-0.018	221	0.0772
				1511.00	-0.038	216.9	-0.1846
				1511.08	-0.051	210.4	-0.387
				1511.17	-0.057	207	-0.6364

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1511.27	-0.065	203.6	-0.7474
				1511.33	-0.071	201.1	-0.8131
				1511.42	-0.073	198.9	-0.853
				1511.50	-0.072	198.4	-0.8743
				1511.58	-0.069	198.5	-0.8717
				1511.67	-0.062	199.5	-0.8539
				1511.75	-0.055	200.7	-0.8255
				1511.83	-0.043	203.2	-0.7714
				1511.92	-0.024	207.8	-0.6835
				1512.00	-0.011	211.1	-0.5628
				1512.08	0.001	214.4	-0.3062
				1512.17	0.017	218.2	-0.0763
				1512.25	0.031	222	0.1837
				1512.33	0.044	225	0.4216
				1512.42	0.058	227.8	0.6382
				1512.50	0.073	231.2	0.8015
				1512.58	0.079	232.8	0.9107
				1512.68	0.083	233.9	1.0128
				1512.75	0.086	234.8	1.0483
				1512.83	0.085	235.5	1.0598
				1512.92	0.082	235.6	1.0616
				1513.00	0.076	235.4	1.0439
				1513.08	0.064	234.6	1.0155
				1513.17	0.055	233.5	0.9622
				1513.25	0.044	232.4	0.8868
				1513.33	0.027	230.3	0.758
				1513.42	0.006	226.5	0.5876
				1513.50	-0.007	223.4	0.3799
				1513.58	-0.021	220	0.0027
				1513.67	-0.036	215.7	-0.2548
				1513.75	-0.047	211.4	-0.4616
				1513.83	-0.056	207.9	-0.6089
				1513.92	-0.066	203.9	-0.7385
				1514.00	-0.072	200.3	-0.8113
				1514.08	-0.073	199.1	-0.853
				1514.18	-0.072	198.4	-0.8743
				1514.25	-0.07	198.3	-0.8743
				1514.33	-0.06	199.8	-0.8601
				1514.42	-0.051	201.7	-0.8086
				1514.50	-0.041	203.7	-0.7527
				1514.58	-0.027	207.1	-0.6506
				1514.67	-0.015	210.4	-0.5184
				1514.75	-0.001	213.7	-0.3488
				1514.83	0.02	217.5	-0.126
				1514.92	0.035	222.7	0.1012
				1515.00	0.047	225.8	0.466
				1515.08	0.06	228.4	0.6746
				1515.17	0.072	230.7	0.8362
				1515.25	0.077	232.4	0.9302
				1515.33	0.083	233.7	1.0021
				1515.42	0.087	234.7	1.0448
				1515.50	0.085	235.4	1.0598
				1515.60	0.082	235.6	1.0598
				1515.67	0.077	235.5	1.0492
				1515.75	0.063	234.8	1.0226
				1515.83	0.05	233.3	0.98
				1515.92	0.041	231.7	0.861
				1516.00	0.025	229.9	0.7314
				1516.08	0.011	227.4	0.5494
				1516.17	-0.002	224.6	0.3338
				1516.25	-0.018	221	0.0754
				1516.33	-0.038	216.9	-0.1873
				1516.42	-0.05	210.7	-0.3897

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1516.50	-0.058	207	-0.6382
				1516.58	-0.066	203.4	-0.7545
				1516.67	-0.071	200.9	-0.8228
				1516.75	-0.073	199.4	-0.8592
				1516.83	-0.072	198.6	-0.8734
				1516.92	-0.068	198.7	-0.8743
				1517.02	-0.06	199.9	-0.8486
				1517.08	-0.055	200.8	-0.8237
				1517.17	-0.043	203.3	-0.7687
				1517.25	-0.024	207.8	-0.6799
				1517.33	-0.012	211.1	-0.5645
				1517.42	0.001	214.5	-0.3089
				1517.50	0.017	218.3	-0.0772
				1517.58	0.031	222	0.1802
				1517.67	0.044	225	0.4216
				1517.75	0.058	227.9	0.6427
				1517.83	0.073	231.2	0.8007
				1517.92	0.079	232.8	0.9089
				1518.00	0.084	234	1.019
				1518.08	0.086	234.9	1.0519
				1518.17	0.086	235.4	1.0634
				1518.25	0.083	235.6	1.0625
				1518.33	0.076	235.4	1.051
				1518.42	0.063	234.4	1.0261
				1518.52	0.055	233.5	0.9658
				1518.58	0.044	232.4	0.8894
				1518.67	0.027	230.2	0.7572
				1518.75	0.006	226.6	0.5894
				1518.83	-0.007	223.4	0.2574
				1518.92	-0.021	220.1	0.0044
				1519.00	-0.036	215.7	-0.2539
				1519.08	-0.047	211.4	-0.4589
				1519.17	-0.056	207.9	-0.6125
				1519.25	-0.065	204	-0.7359
				1519.33	-0.072	200.3	-0.8104
				1519.42	-0.073	199.1	-0.8637
				1519.50	-0.072	198.5	-0.8743
				1519.58	-0.069	198.5	-0.8726
				1519.67	-0.064	199.5	-0.8566
				1519.75	-0.055	200.8	-0.8273
				1519.83	-0.039	203.3	-0.7696
				1519.93	-0.024	207.7	-0.6302
				1520.00	-0.017	210.3	-0.5308
				1520.08	-0.002	213.7	-0.3595
				1520.17	0.02	217.4	-0.1411
				1520.25	0.035	222.7	0.0968
				1520.33	0.046	225.9	0.4687
				1520.42	0.06	228.4	0.6746
				1520.50	0.071	230.8	0.8335
				1520.58	0.077	232.4	0.9276
				1520.67	0.083	233.7	1.0039
				1520.75	0.086	234.7	1.0456
				1520.83	0.085	235.5	1.0607
				1520.92	0.082	235.6	1.0581
				1521.00	0.075	235.4	1.0465
				1521.08	0.065	234.7	1.0172
				1521.17	0.057	233.9	0.9711
				1521.25	0.042	232.3	0.8921
				1521.33	0.021	229.3	0.7705
				1521.43	0.012	227.4	0.5663
				1521.50	-0.002	224.8	0.3506
				1521.58	-0.019	221	0.0728
				1521.67	-0.038	215	-0.1846

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1521.75	-0.049	210.6	-0.3906
				1521.83	-0.058	207.1	-0.6409
				1521.92	-0.067	203.3	-0.7563
				1522.00	-0.071	201	-0.8211
				1522.08	-0.073	199.4	-0.8592
				1522.17	-0.072	198.7	-0.8734
				1522.25	-0.068	198.7	-0.8734
				1522.33	-0.061	199.9	-0.8601
				1522.42	-0.053	201.3	-0.8149
				1522.50	-0.04	204	-0.7545
				1522.58	-0.029	207	-0.6577
				1522.67	-0.016	209.9	-0.5397
				1522.75	0.004	213.5	-0.371
				1522.85	0.019	218.9	-0.0408
				1522.92	0.029	221.9	0.1465
				1523.00	0.044	225.1	0.3986
				1523.08	0.062	228	0.6338
				1523.17	0.073	231.3	0.7882
				1523.25	0.078	232.8	0.9489
				1523.33	0.084	234.1	1.0155
				1523.42	0.087	234.9	1.0501
				1523.50	0.086	235.4	1.0625
				1523.58	0.083	235.7	1.0625
				1523.67	0.073	235.5	1.051
				1523.75	0.062	234.5	1.0288
				1523.83	0.055	233.6	0.9587
				1523.92	0.04	232	0.8708
				1524.00	0.025	230	0.735
				1524.08	0.014	227.7	0.5734
				1524.17	-0.003	224.8	0.3453
				1524.25	-0.025	221.3	0.0959
				1524.35	-0.034	216.1	-0.2228
				1524.42	-0.045	212.2	-0.427
				1524.50	-0.057	207.8	-0.6098
				1524.58	-0.068	202.8	-0.7288
				1524.67	-0.071	200.5	-0.8042
				1524.75	-0.073	199.2	-0.8628
				1524.83	-0.072	198.6	-0.8743
				1524.92	-0.069	198.6	-0.8726
				1525.00	-0.064	199.2	-0.8566
				1525.08	-0.054	201	-0.8273
				1525.17	-0.038	204.6	-0.7714
				1525.25	-0.026	207.7	-0.6941
				1525.33	-0.014	210.7	-0.5015
				1525.42	0.002	214.5	-0.3124
				1525.50	0.015	218.1	-0.0941
				1525.58	0.029	221.5	0.1465
				1525.67	0.045	225	0.4163
				1525.77	0.061	228.8	0.6941
				1525.83	0.07	231	0.8264
				1525.92	0.077	232.5	0.9302
				1526.00	0.084	233.9	1.0066
				1526.08	0.086	235.2	1.0456
				1526.17	0.086	235.6	1.0643
				1526.25	0.082	235.8	1.0616
				1526.33	0.074	235.4	1.0474
				1526.42	0.068	234.7	1.0217
				1526.50	0.056	234	0.9746
				1526.58	0.037	232.4	0.893
				1526.67	0.022	229.5	0.7856
				1526.75	0.011	227	0.5273
				1526.83	-0.006	224.1	0.2991
				1526.92	-0.02	220.4	0.0373

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1527.00	-0.032	216.5	-0.2077
				1527.08	-0.046	212.3	-0.4314
				1527.18	-0.06	206.4	-0.6577
				1527.25	-0.065	203.8	-0.7376
				1527.33	-0.07	201.1	-0.8157
				1527.42	-0.073	199.2	-0.8619
				1527.50	-0.073	198.6	-0.8743
				1527.58	-0.067	198.8	-0.8743
				1527.67	-0.062	199.8	-0.8539
				1527.75	-0.053	201.2	-0.8202
				1527.83	-0.04	203.9	-0.7563
				1527.92	-0.031	206.5	-0.6773
				1528.00	-0.016	209.8	-0.5432
				1528.08	0.005	213.4	-0.3728
				1528.17	0.019	218.8	-0.1669
				1528.25	0.032	222.4	0.2033
				1528.33	0.047	225.6	0.4571
				1528.42	0.06	228.3	0.6666
				1528.50	0.069	230.6	0.8202
				1528.58	0.077	232.3	0.9294
				1528.68	0.084	234.2	1.0243
				1528.75	0.086	235	1.0527
				1528.83	0.086	235.5	1.0643
				1528.92	0.083	235.7	1.0652
				1529.00	0.073	235.3	1.0519
				1529.08	0.064	234.5	1.0288
				1529.17	0.054	233.7	0.9604
				1529.25	0.039	232	0.8717
				1529.33	0.027	230	0.7403
				1529.42	0.013	227.9	0.5708
				1529.50	-0.004	224.7	0.3373
				1529.58	-0.025	219.2	0.0905
				1529.67	-0.037	215.1	-0.1633
				1529.75	-0.048	211.3	-0.4802
				1529.83	-0.059	207.1	-0.6373
				1529.92	-0.065	203.6	-0.7474
				1530.00	-0.07	201.2	-0.8175
				1530.08	-0.073	199.5	-0.8575
				1530.17	-0.072	198.4	-0.877
				1530.25	-0.07	198.5	-0.8752
				1530.33	-0.064	199.1	-0.861
				1530.42	-0.051	200.9	-0.8299
				1530.50	-0.038	204.5	-0.7802
				1530.58	-0.028	207.4	-0.6435
				1530.67	-0.013	210.5	-0.5095
				1530.75	0.001	214.2	-0.3311
				1530.83	0.014	217.9	-0.1136
				1530.92	0.029	221.3	0.1349
				1531.00	0.05	224.8	0.3994
				1531.08	0.062	228.9	0.6045
				1531.17	0.071	231.1	0.8441
				1531.25	0.079	232.6	0.9471
				1531.33	0.083	233.9	1.0101
				1531.42	0.086	234.8	1.0492
				1531.50	0.086	235.4	1.0634
				1531.60	0.083	235.8	1.0634
				1531.67	0.074	235.4	1.0492
				1531.75	0.068	234.7	1.0226
				1531.83	0.056	233.9	0.9782
				1531.92	0.037	232.4	0.8947
				1532.00	0.022	229.5	0.7864
				1532.08	0.011	227	0.5273
				1532.17	-0.006	224.1	0.2965

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1532.25	-0.02	220.4	0.0408
				1532.33	-0.032	216.5	-0.2033
				1532.42	-0.046	212.3	-0.427
				1532.50	-0.06	208.2	-0.5947
				1532.58	-0.067	203	-0.7181
				1532.67	-0.071	200.8	-0.8273
				1532.75	-0.073	199.2	-0.8619
				1532.83	-0.072	198.6	-0.8734
				1532.92	-0.07	198.6	-0.8726
				1533.02	-0.061	199.8	-0.8521
				1533.08	-0.053	201.2	-0.822
				1533.17	-0.041	203.8	-0.7563
				1533.25	-0.031	206.3	-0.6728
				1533.33	-0.016	209.9	-0.5406
				1533.42	0.005	215.2	-0.3701
				1533.50	0.019	218.9	-0.1633
				1533.58	0.032	222.3	0.2095
				1533.67	0.048	225.6	0.4633
				1533.75	0.059	228.3	0.6675
				1533.83	0.068	230.5	0.8175
				1533.92	0.078	232.3	0.9294
				1534.00	0.085	234.2	1.0021
				1534.08	0.087	235	1.0439
				1534.17	0.086	235.5	1.0643
				1534.25	0.082	235.6	1.0625
				1534.33	0.075	235.3	1.0483
				1534.42	0.068	234.9	1.0234
				1534.52	0.054	233.7	0.9595
				1534.58	0.039	231.9	0.869
				1534.67	0.027	229.9	0.7412
				1534.75	0.013	227.8	0.5716
				1534.83	-0.009	224.7	0.34
				1534.92	-0.024	219.6	0.1207
				1535.00	-0.035	215.7	-0.2494
				1535.08	-0.048	211.5	-0.466
				1535.17	-0.058	207.3	-0.6293
				1535.25	-0.064	204	-0.7359
				1535.33	-0.07	201.4	-0.8131
				1535.42	-0.073	199.6	-0.8548
				1535.50	-0.072	198.6	-0.8726
				1535.58	-0.069	198.8	-0.8708
				1535.67	-0.062	199.6	-0.8539
				1535.75	-0.052	201.5	-0.8184
				1535.83	-0.044	203.6	-0.7669
				1535.93	-0.029	207.5	-0.6462
				1536.00	-0.014	210.6	-0.5175
				1536.08	0.001	214.3	-0.3275
				1536.17	0.013	217.9	-0.1172
				1536.25	0.029	221.5	0.1394
				1536.33	0.05	224.9	0.3994
				1536.42	0.062	228.9	0.6054
				1536.50	0.07	231.1	0.8441
				1536.58	0.079	232.6	0.9471
				1536.67	0.084	234	1.0146
				1536.75	0.086	234.9	1.0492
				1536.83	0.086	235.4	1.0643
				1536.92	0.081	235.6	1.0643
				1537.00	0.072	235.2	1.0536
				1537.08	0.066	234.6	1.0155
				1537.17	0.054	233.6	0.9631
				1537.25	0.04	232	0.8726
				1537.35	0.022	229.3	0.7554
				1537.42	0.011	227.2	0.5406

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1537.50	-0.006	224.1	0.2982
				1537.58	-0.02	220.4	0.0364
				1537.67	-0.032	216.7	-0.2042
				1537.75	-0.046	212.2	-0.4314
				1537.83	-0.06	208.2	-0.6018
				1537.92	-0.067	203	-0.7199
				1538.00	-0.071	200.8	-0.8282
				1538.08	-0.073	199.2	-0.8637
				1538.17	-0.072	198.7	-0.8743
				1538.25	-0.07	198.5	-0.8734
				1538.33	-0.064	199.3	-0.8601
				1538.42	-0.05	201.9	-0.8273
				1538.50	-0.039	204.4	-0.782
				1538.58	-0.028	207	-0.6489
				1538.67	-0.012	210.6	-0.5086
				1538.75	0	214.2	-0.3346
				1538.85	0.017	219	-0.1376
				1538.92	0.031	222.4	0.1882
				1539.00	0.048	225.7	0.4669
				1539.08	0.059	228.4	0.6666
				1539.17	0.069	230.6	0.8157
				1539.25	0.078	232.4	0.9285
				1539.33	0.085	234.3	0.9995
				1539.42	0.086	235.1	1.0448
				1539.50	0.086	235.6	1.0652
				1539.58	0.082	235.7	1.0625
				1539.67	0.076	235.4	1.0492
				1539.75	0.068	235	1.0243
				1539.83	0.055	233.8	0.9729
				1539.92	0.036	231.6	0.8956
				1540.00	0.024	229.4	0.7066
				1540.08	0.01	227.3	0.5308
				1540.17	-0.006	224	0.2903
				1540.25	-0.019	220.4	0.0373
				1540.33	-0.036	215.2	-0.2716
				1540.42	-0.048	211.2	-0.4758
				1540.50	-0.059	207	-0.6418
				1540.58	-0.065	203.7	-0.7456
				1540.67	-0.07	201.2	-0.8149
				1540.75	-0.073	199.6	-0.8548
				1540.83	-0.072	198.5	-0.8734
				1540.92	-0.069	198.7	-0.8717
				1541.00	-0.062	199.5	-0.8548
				1541.08	-0.052	201.4	-0.8202
				1541.17	-0.044	203.4	-0.7705
				1541.25	-0.031	206.4	-0.6808
				1541.33	-0.01	209.8	-0.5459
				1541.42	0.004	215.1	-0.3897
				1541.50	0.016	218.7	-0.063
				1541.58	0.033	222.3	0.2015
				1541.67	0.047	225.5	0.4509
				1541.77	0.062	229.1	0.6142
				1541.83	0.07	231.2	0.8379
				1541.92	0.079	232.7	0.9453
				1542.00	0.084	234.1	1.0119
				1542.08	0.086	234.9	1.0465
				1542.17	0.086	235.5	1.0634
				1542.25	0.081	235.7	1.0643
				1542.33	0.072	235.3	1.0527
				1542.42	0.066	234.8	1.0137
				1542.50	0.053	233.6	0.9622
				1542.58	0.041	232.1	0.8734
				1542.67	0.029	230.4	0.7563

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1542.75	0.012	227.8	0.5725
				1542.83	-0.01	223.3	0.3542
				1542.92	-0.023	219.6	0.1189
				1543.00	-0.035	215.9	-0.2556
				1543.08	-0.049	211.3	-0.474
				1543.18	-0.06	206	-0.6293
				1543.25	-0.067	202.9	-0.7217
				1543.33	-0.071	200.7	-0.8308
				1543.42	-0.073	199.2	-0.8637
				1543.50	-0.072	198.6	-0.8743
				1543.58	-0.07	198.5	-0.8734
				1543.67	-0.064	199.3	-0.8601
				1543.75	-0.05	201.9	-0.8291
				1543.83	-0.04	204.5	-0.7829
				1543.92	-0.028	207	-0.6489
				1544.00	-0.013	210.7	-0.506
				1544.08	0	214.3	-0.3249
				1544.17	0.014	217.7	-0.1145
				1544.25	0.03	221.5	0.1456
				1544.33	0.051	226.3	0.4012
				1544.42	0.061	229	0.6071
				1544.50	0.071	230.9	0.8441
				1544.58	0.079	232.7	0.9471
				1544.68	0.085	234.4	0.9977
				1544.75	0.086	235.2	1.0536
				1544.83	0.086	235.6	1.0652
				1544.92	0.082	235.8	1.0625
				1545.00	0.076	235.4	1.0483
				1545.08	0.068	235	1.0234
				1545.17	0.055	233.9	0.9737
				1545.25	0.036	231.6	0.8947
				1545.33	0.024	229.5	0.7048
				1545.42	0.01	227.3	0.5273
				1545.50	-0.006	224	0.2876
				1545.58	-0.019	220.4	0.0399
				1545.67	-0.033	216.8	-0.2095
				1545.75	-0.046	212.1	-0.4367
				1545.83	-0.06	206.3	-0.5956
				1545.92	-0.067	203	-0.7696
				1546.00	-0.071	200.8	-0.8317
				1546.10	-0.073	199.2	-0.8663
				1546.17	-0.072	198.4	-0.8797
				1546.25	-0.069	198.6	-0.8761
				1546.33	-0.063	199.4	-0.8592
				1546.42	-0.052	201.4	-0.8228
				1546.50	-0.044	203.6	-0.7687
				1546.58	-0.031	206.3	-0.6835
				1546.67	-0.011	209.7	-0.5503
				1546.75	0.004	215	-0.3968
				1546.83	0.016	218.7	-0.0675
				1546.92	0.032	222.2	0.1944
				1547.00	0.047	225.5	0.45
				1547.08	0.057	228.2	0.6435
				1547.17	0.069	230.5	0.8113
				1547.25	0.08	232.3	0.9223
				1547.33	0.085	234.2	0.9959
				1547.42	0.086	235	1.0554
				1547.50	0.086	235.5	1.0652
				1547.58	0.081	235.7	1.0661
				1547.67	0.072	235.3	1.0554
				1547.75	0.066	234.7	1.0172
				1547.83	0.053	233.7	0.9658
				1547.92	0.04	232.1	0.8743

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1548.00	0.029	230.4	0.7589
				1548.08	0.013	227.8	0.5832
				1548.17	-0.009	225	0.3622
				1548.25	-0.023	219.6	0.1198
				1548.33	-0.035	215.9	-0.253
				1548.42	-0.048	211.3	-0.4722
				1548.50	-0.058	207.3	-0.6302
				1548.58	-0.064	204.1	-0.7412
				1548.67	-0.071	201.2	-0.8193
				1548.75	-0.073	199.1	-0.8583
				1548.83	-0.072	198.6	-0.8752
				1548.92	-0.069	198.6	-0.8734
				1549.02	-0.063	199.3	-0.8619
				1549.08	-0.05	201.9	-0.8326
				1549.17	-0.04	204.4	-0.7856
				1549.25	-0.028	207	-0.6515
				1549.33	-0.012	210.7	-0.5077
				1549.42	0	214.3	-0.332
				1549.50	0.014	217.7	-0.1207
				1549.58	0.03	221.6	0.1438
				1549.67	0.051	226.3	0.3977
				1549.75	0.061	228.9	0.6036
				1549.83	0.071	230.9	0.8424
				1549.92	0.079	232.7	0.9471
				1550.00	0.083	234.1	1.0128
				1550.08	0.086	234.9	1.0501
				1550.17	0.086	235.4	1.0625
				1550.25	0.081	235.6	1.0634
				1550.33	0.074	235.2	1.0439
				1550.42	0.066	234.8	1.0155
				1550.50	0.052	234	0.9835
				1550.58	0.037	231.7	0.9054
				1550.67	0.026	229.6	0.7217
				1550.75	0.01	227.3	0.5406
				1550.83	-0.005	224.2	0.3045
				1550.92	-0.018	220.7	0.0604
				1551.00	-0.033	216.9	-0.1935
				1551.08	-0.05	212.5	-0.4234
				1551.17	-0.06	206.5	-0.5841
				1551.25	-0.066	203.2	-0.7616
				1551.33	-0.071	200.9	-0.8299
				1551.42	-0.073	199.3	-0.8654
				1551.50	-0.073	198.6	-0.8779
				1551.58	-0.07	198.6	-0.877
				1551.67	-0.061	199.4	-0.8628
				1551.75	-0.05	201.9	-0.8353
				1551.83	-0.042	204.2	-0.7536
				1551.93	-0.03	206.6	-0.6782
				1552.00	-0.01	209.8	-0.5494
				1552.08	0.004	215	-0.3968
				1552.17	0.016	218.7	-0.0719
				1552.25	0.033	222.2	0.1953
				1552.33	0.047	225.5	0.45
				1552.42	0.057	228.2	0.6435
				1552.50	0.069	230.5	0.8149
				1552.58	0.08	232.3	0.9214
				1552.67	0.085	234.2	0.9942
				1552.75	0.086	235	1.0527
				1552.83	0.086	235.5	1.0643
				1552.92	0.082	235.7	1.0616
				1553.00	0.077	235.5	1.0492
				1553.08	0.068	234.9	1.0261
				1553.17	0.051	233.8	0.9755

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1553.25	0.037	231.6	0.9045
				1553.35	0.026	229.8	0.7243
				1553.42	0.013	227.8	0.5867
				1553.50	-0.009	225	0.3622
				1553.58	-0.023	219.5	0.1181
				1553.67	-0.035	215.9	-0.2539
				1553.75	-0.049	211.1	-0.4802
				1553.83	-0.058	207.3	-0.6284
				1553.92	-0.064	204.1	-0.7394
				1554.00	-0.071	201.1	-0.8255
				1554.08	-0.073	199.1	-0.8619
				1554.17	-0.072	198.5	-0.8779
				1554.25	-0.069	198.5	-0.8761
				1554.33	-0.062	199.6	-0.8592
				1554.42	-0.053	201.3	-0.8246
				1554.50	-0.044	203.3	-0.7687
				1554.58	-0.029	206.5	-0.6799
				1554.67	-0.009	211.6	-0.5494
				1554.75	0.003	215.1	-0.3897
				1554.85	0.013	217.8	-0.126
				1554.92	0.029	221.6	0.1314
				1555.00	0.051	226.4	0.3959
				1555.08	0.061	229	0.7012
				1555.17	0.071	231	0.8433
				1555.25	0.079	232.7	0.948
				1555.33	0.084	234.1	1.0146
				1555.42	0.086	234.9	1.0501
				1555.50	0.086	235.5	1.0643
				1555.58	0.081	235.7	1.0652
				1555.67	0.075	235.3	1.0456
				1555.75	0.066	234.8	1.019
				1555.83	0.052	233.6	0.9622
				1555.92	0.043	232.1	0.8823
				1556.00	0.029	230.5	0.766
				1556.08	0.007	227.9	0.5894
				1556.17	-0.008	223.5	0.3826
				1556.27	-0.02	220.3	0.0382
				1556.33	-0.032	217	-0.174
				1556.42	-0.05	212.4	-0.4207
				1556.50	-0.06	206.4	-0.5832
				1556.58	-0.066	203.2	-0.7616
				1556.67	-0.071	200.8	-0.8299
				1556.75	-0.073	199.2	-0.8654
				1556.83	-0.073	198.6	-0.8779
				1556.92	-0.07	198.5	-0.877
				1557.00	-0.061	199.4	-0.8637
				1557.08	-0.05	201.8	-0.8362
				1557.17	-0.042	204.1	-0.7545
				1557.25	-0.027	207.1	-0.6577
				1557.33	-0.014	210.5	-0.5193
				1557.42	-0.003	213.9	-0.3533
				1557.50	0.014	217.6	-0.1323
				1557.58	0.035	221.2	0.1216
				1557.67	0.05	226.1	0.371
				1557.75	0.057	228.3	0.6515
				1557.83	0.069	230.6	0.8051
				1557.92	0.08	232.4	0.9214
				1558.00	0.085	234.3	0.995
				1558.08	0.086	235.1	1.0519
				1558.17	0.085	235.5	1.0598
				1558.25	0.083	235.7	1.0598
				1558.33	0.077	235.5	1.0474
				1558.42	0.067	234.9	1.0226

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1558.50	0.05	233.4	0.9746
				1558.58	0.038	231.7	0.9072
				1558.67	0.026	230	0.7234
				1558.75	0.01	227.3	0.5361
				1558.83	-0.004	224.2	0.3089
				1558.92	-0.018	221	0.0639
				1559.00	-0.033	216.7	-0.2042
				1559.08	-0.051	210.4	-0.419
				1559.18	-0.057	207.1	-0.6347
				1559.25	-0.064	204.1	-0.7394
				1559.33	-0.071	201.1	-0.8202
				1559.42	-0.073	199	-0.8592
				1559.50	-0.072	198.5	-0.8788
				1559.58	-0.069	198.5	-0.8752
				1559.67	-0.062	199.6	-0.8592
				1559.75	-0.055	201.1	-0.8282
				1559.83	-0.044	203.1	-0.7767
				1559.92	-0.025	206.4	-0.6826
				1560.00	-0.011	211.2	-0.5663
				1560.08	0.001	214.8	-0.3062
				1560.17	0.017	218.3	-0.0843
				1560.25	0.032	222	0.1758
				1560.33	0.044	225.3	0.4207
				1560.42	0.058	227.9	0.6391
				1560.50	0.072	230.4	0.8078
				1560.58	0.081	232.9	0.9125
				1560.67	0.083	234.1	1.0137
				1560.75	0.086	234.9	1.0483
				1560.83	0.085	235.4	1.0625
				1560.92	0.081	235.7	1.0643
				1561.00	0.076	235.3	1.0465
				1561.08	0.066	234.8	1.0181
				1561.17	0.052	233.6	0.9604
				1561.25	0.044	232.3	0.8859
				1561.33	0.028	230.5	0.766
				1561.42	0.006	228	0.5956
				1561.50	-0.007	223.6	0.3852
				1561.58	-0.021	220.1	0.0062
				1561.67	-0.036	215.9	-0.2503
				1561.75	-0.047	211.5	-0.4642
				1561.83	-0.056	207.9	-0.616
				1561.92	-0.065	204	-0.743
				1562.00	-0.072	201.3	-0.8157
				1562.10	-0.072	199.2	-0.8681
				1562.17	-0.073	198.4	-0.8814
				1562.25	-0.07	198.4	-0.8805
				1562.33	-0.06	199.8	-0.8663
				1562.42	-0.051	201.8	-0.8149
				1562.50	-0.041	203.7	-0.7589
				1562.58	-0.027	207.2	-0.6542
				1562.67	-0.015	210.5	-0.5193
				1562.75	-0.002	213.7	-0.3568
				1562.83	0.014	217.6	-0.1331
				1562.92	0.036	223	0.1252
				1563.00	0.049	226.2	0.3755
				1563.08	0.06	228.5	0.6808
				1563.17	0.072	230.9	0.8424
				1563.25	0.078	232.6	0.9418
				1563.33	0.083	233.8	1.0128
				1563.42	0.086	234.7	1.0492
				1563.52	0.085	235.5	1.0669
				1563.58	0.083	235.7	1.0652
				1563.67	0.077	235.6	1.0536

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1563.75	0.064	234.9	1.0279
				1563.83	0.05	233.3	0.9853
				1563.92	0.041	231.7	0.8646
				1564.00	0.025	229.9	0.735
				1564.08	0.011	227.4	0.5512
				1564.17	-0.002	224.4	0.3302
				1564.25	-0.018	221.1	0.0754
				1564.33	-0.038	216.9	-0.1873
				1564.42	-0.05	210.6	-0.3977
				1564.50	-0.058	207	-0.6391
				1564.58	-0.066	203.5	-0.7563
				1564.67	-0.071	200.9	-0.8273
				1564.75	-0.073	199.3	-0.8646
				1564.83	-0.073	198.5	-0.8841
				1564.92	-0.068	198.6	-0.8805
				1565.02	-0.062	199.3	-0.8654
				1565.08	-0.056	200.9	-0.8326
				1565.17	-0.043	203.2	-0.7785
				1565.25	-0.025	206.2	-0.6888
				1565.33	-0.012	211.1	-0.5716
				1565.42	0	214.5	-0.3142
				1565.50	0.017	218.4	-0.079
				1565.58	0.032	222.1	0.1882
				1565.67	0.044	225.2	0.4243
				1565.75	0.058	227.9	0.6373
				1565.83	0.073	230.3	0.8033
				1565.92	0.08	232.8	0.9116
				1566.00	0.083	234	1.0172
				1566.08	0.086	234.9	1.0519
				1566.17	0.086	235.4	1.0643
				1566.25	0.083	235.7	1.0634
				1566.33	0.076	235.4	1.051
				1566.43	0.065	234.6	1.0163
				1566.50	0.054	233.6	0.9649
				1566.58	0.043	232.4	0.8876
				1566.67	0.028	230.3	0.7651
				1566.75	0.006	226.6	0.5938
				1566.83	-0.007	223.4	0.3843
				1566.92	-0.021	220.1	0.0027
				1567.00	-0.036	215.7	-0.2601
				1567.08	-0.047	211.5	-0.4625
				1567.17	-0.056	208	-0.6125
				1567.25	-0.066	204	-0.7438
				1567.33	-0.072	200.4	-0.8157
				1567.42	-0.073	199.1	-0.8575
				1567.50	-0.072	198.4	-0.8805
				1567.58	-0.069	198.5	-0.8788
				1567.67	-0.063	199.6	-0.8601
				1567.75	-0.055	200.8	-0.8326
				1567.83	-0.039	203.3	-0.7758
				1567.93	-0.029	206.8	-0.6755
				1568.00	-0.017	210.1	-0.5415
				1568.08	-0.002	213.6	-0.3657
				1568.17	0.02	217.4	-0.1438
				1568.25	0.035	222.8	0.1003
				1568.33	0.046	225.9	0.4651
				1568.42	0.06	228.4	0.6746
				1568.50	0.071	230.8	0.8379
				1568.58	0.077	232.5	0.9329
				1568.67	0.083	233.8	1.0066
				1568.75	0.086	234.7	1.0474
				1568.83	0.085	235.5	1.0625
				1568.92	0.082	235.6	1.0607

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1569.00	0.075	235.4	1.0483
				1569.08	0.064	234.7	1.0181
				1569.17	0.057	233.8	0.9729
				1569.25	0.042	232.3	0.8921
				1569.35	0.024	229.8	0.7261
				1569.42	0.011	227.4	0.5557
				1569.50	-0.003	224.7	0.3346
				1569.58	-0.019	220.9	0.071
				1569.67	-0.038	214.9	-0.1864
				1569.75	-0.049	210.6	-0.3994
				1569.83	-0.058	207	-0.6462
				1569.92	-0.067	203.2	-0.7634
				1570.00	-0.071	200.8	-0.8291
				1570.08	-0.073	199.4	-0.8646
				1570.17	-0.072	198.5	-0.8797
				1570.25	-0.068	198.6	-0.8805
				1570.33	-0.061	199.8	-0.8681
				1570.42	-0.053	201.2	-0.8211
				1570.50	-0.04	204	-0.7598
				1570.58	-0.03	206.9	-0.6648
				1570.67	-0.016	209.9	-0.5406
				1570.75	-0.001	213.8	-0.3568
				1570.83	0.017	218.5	-0.0861
				1570.92	0.029	222	0.15
				1571.00	0.044	225.1	0.4074
				1571.08	0.062	227.9	0.6311
				1571.17	0.073	231.3	0.7864
				1571.25	0.079	232.9	0.9524
				1571.33	0.084	234.1	1.019
				1571.42	0.087	235	1.0519
				1571.50	0.086	235.5	1.0625
				1571.58	0.083	235.7	1.0625
				1571.67	0.074	235.4	1.051
				1571.75	0.062	234.5	1.0288
				1571.83	0.054	233.3	0.9542
				1571.92	0.04	232	0.8708
				1572.00	0.025	229.9	0.7367
				1572.08	0.014	227.5	0.5699
				1572.17	-0.003	224.8	0.3444
				1572.27	-0.02	220.2	0.032
				1572.33	-0.035	216.1	-0.2272
				1572.42	-0.045	211.9	-0.4412
				1572.50	-0.057	207.9	-0.6107
				1572.58	-0.067	204.2	-0.7359
				1572.67	-0.072	200.5	-0.8113
				1572.75	-0.073	199.1	-0.8699
				1572.83	-0.072	198.5	-0.8814
				1572.92	-0.069	198.5	-0.8788
				1573.00	-0.064	199.3	-0.8637
				1573.08	-0.055	200.8	-0.8353
				1573.17	-0.038	203.3	-0.7749
				1573.25	-0.025	207.7	-0.7003
				1573.33	-0.014	210.7	-0.5077
				1573.42	0.002	214.5	-0.3187
				1573.50	0.016	218.1	-0.0941
				1573.58	0.029	221.6	0.1527
				1573.68	0.049	226.2	0.4935
				1573.75	0.059	228.5	0.6506
				1573.83	0.071	231	0.8344
				1573.92	0.077	232.4	0.9373
				1574.00	0.084	233.9	1.0084
				1574.08	0.087	235.1	1.0465
				1574.17	0.085	235.6	1.0643

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1574.25	0.082	235.7	1.0616
				1574.33	0.075	235.4	1.0492
				1574.42	0.065	234.7	1.0199
				1574.50	0.057	233.9	0.9737
				1574.58	0.042	232.3	0.8912
				1574.67	0.021	229.3	0.7714
				1574.75	0.008	226.8	0.6125
				1574.83	-0.006	224	0.2823
				1574.92	-0.022	220.1	0.0133
				1575.00	-0.034	216	-0.2379
				1575.08	-0.045	212.2	-0.4412
				1575.18	-0.058	206.7	-0.6577
				1575.25	-0.067	203.2	-0.7598
				1575.33	-0.07	200.8	-0.8255
				1575.42	-0.073	199.3	-0.8654
				1575.50	-0.072	198.6	-0.8797
				1575.58	-0.068	198.6	-0.8805
				1575.67	-0.062	199.7	-0.8583
				1575.75	-0.053	201.2	-0.8246
				1575.83	-0.04	203.9	-0.7607
				1575.92	-0.031	206.6	-0.6755
				1576.00	-0.017	209.8	-0.5494
				1576.08	0.005	213.5	-0.3728
				1576.17	0.019	218.9	-0.1642
				1576.25	0.032	222.5	0.2068
				1576.33	0.047	225.6	0.4571
				1576.42	0.06	228.4	0.6719
				1576.50	0.068	230.7	0.8166
				1576.60	0.079	232.9	0.9587
				1576.67	0.084	234.1	1.0163
				1576.75	0.087	235	1.051
				1576.83	0.086	235.5	1.0652
				1576.92	0.083	235.7	1.0643
				1577.00	0.073	235.5	1.0519
				1577.08	0.062	234.5	1.0297
				1577.17	0.055	233.5	0.9569
				1577.25	0.04	232	0.8726
				1577.33	0.026	230	0.7412
				1577.42	0.014	227.7	0.5725
				1577.50	-0.003	224.8	0.3435
				1577.58	-0.025	221.2	0.0897
				1577.67	-0.037	215.2	-0.1571
				1577.75	-0.047	211.2	-0.4802
				1577.83	-0.059	207.1	-0.64
				1577.92	-0.066	203.6	-0.7563
				1578.00	-0.07	201.2	-0.8228
				1578.08	-0.073	199	-0.8734
				1578.17	-0.072	198.4	-0.8841
				1578.25	-0.069	198.5	-0.8805
				1578.33	-0.064	199.1	-0.8646
				1578.42	-0.054	200.9	-0.8353
				1578.50	-0.037	204.5	-0.7776
				1578.58	-0.026	207.6	-0.7012
				1578.67	-0.014	210.6	-0.5077
				1578.75	0.002	214.5	-0.3204
				1578.83	0.015	218.2	-0.0941
				1578.92	0.029	221.6	0.15
				1579.00	0.045	225	0.4181
				1579.08	0.063	229	0.6302
				1579.17	0.072	231.2	0.7856
				1579.25	0.078	232.7	0.9524
				1579.33	0.084	234	1.0208
				1579.42	0.087	234.9	1.0527

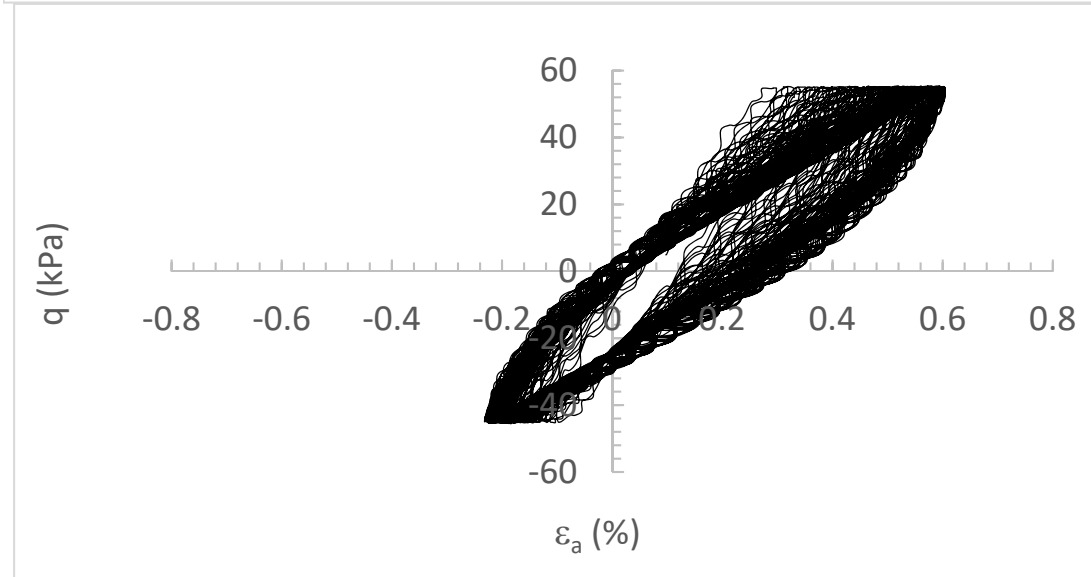
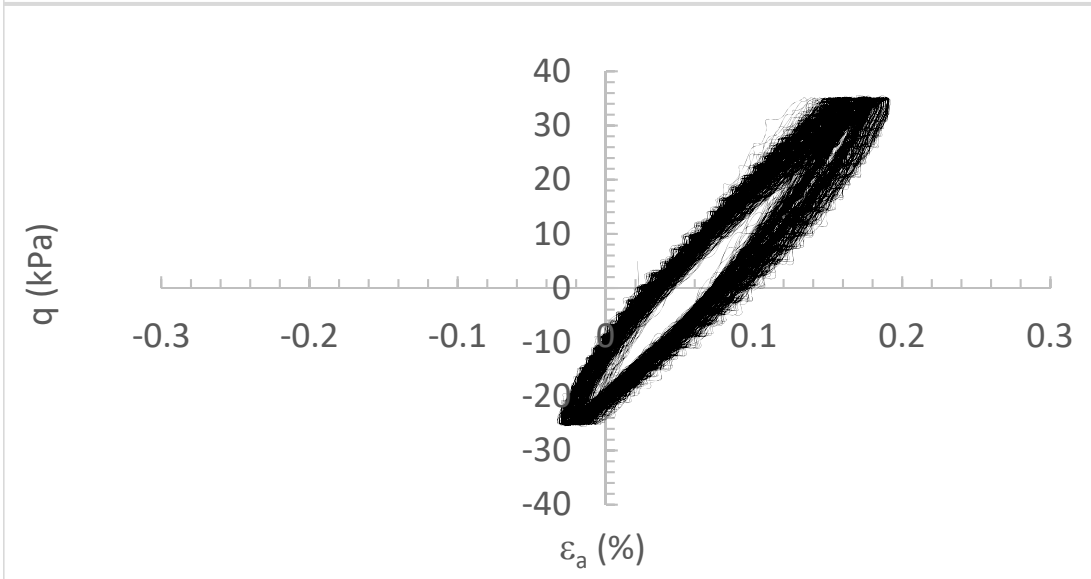
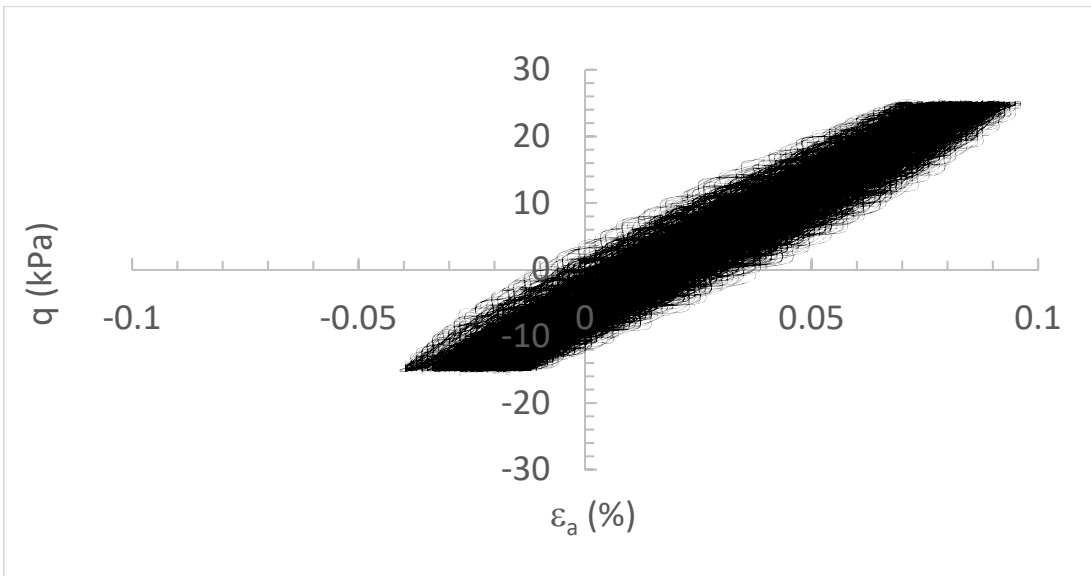
tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1579.52	0.086	235.6	1.0696
				1579.58	0.082	235.7	1.0661
				1579.67	0.074	235.4	1.0519
				1579.75	0.068	234.7	1.0252
				1579.83	0.057	233.9	0.9791
				1579.92	0.037	232.3	0.8947
				1580.00	0.022	229.4	0.7873
				1580.08	0.01	226.9	0.529
				1580.17	-0.006	224.1	0.2982
				1580.25	-0.02	220.3	0.0346
				1580.33	-0.032	216.4	-0.2104
				1580.42	-0.046	212.2	-0.4323
				1580.50	-0.06	208	-0.6063
				1580.58	-0.068	202.8	-0.7225
				1580.67	-0.071	200.6	-0.8353
				1580.75	-0.073	199.2	-0.869
				1580.83	-0.072	198.6	-0.8805
				1580.92	-0.07	198.6	-0.8788
				1581.00	-0.063	199.6	-0.8583
				1581.08	-0.053	201.2	-0.8264
				1581.17	-0.04	203.9	-0.7616
				1581.25	-0.031	206.5	-0.6782
				1581.33	-0.016	209.8	-0.5477
				1581.42	0.005	213.4	-0.3755
				1581.50	0.019	218.9	-0.1687
				1581.58	0.032	222.4	0.2059
				1581.67	0.047	225.6	0.4598
				1581.75	0.06	228.3	0.6693
				1581.83	0.068	230.5	0.8175
				1581.92	0.078	232.3	0.9285
				1582.00	0.085	233.7	1.0039
				1582.08	0.086	234.9	1.0421
				1582.17	0.086	235.4	1.0643
				1582.25	0.082	235.6	1.0616
				1582.33	0.075	235.3	1.0483
				1582.43	0.064	234.5	1.0306
				1582.50	0.055	233.6	0.9604
				1582.58	0.039	232	0.8708
				1582.67	0.027	230	0.7421
				1582.75	0.013	227.8	0.5699
				1582.83	-0.004	224.6	0.3373
				1582.92	-0.025	219.2	0.0888
				1583.00	-0.037	215.1	-0.1598
				1583.08	-0.048	211.2	-0.482
				1583.17	-0.059	207	-0.6435
				1583.25	-0.066	203.5	-0.7572
				1583.33	-0.07	201.1	-0.8273
				1583.42	-0.073	199.4	-0.8654
				1583.50	-0.072	198.4	-0.8805
				1583.58	-0.068	198.6	-0.8832
				1583.67	-0.062	199.4	-0.8601
				1583.75	-0.052	201.3	-0.8264
				1583.85	-0.038	204.7	-0.766
				1583.92	-0.027	207.6	-0.64
				1584.00	-0.014	210.6	-0.5077
				1584.08	0.002	214.5	-0.3151
				1584.17	0.015	218.2	-0.095
				1584.25	0.029	221.6	0.1491
				1584.33	0.045	225.1	0.419
				1584.42	0.063	229	0.632
				1584.50	0.072	231.2	0.8575
				1584.58	0.078	232.7	0.9524
				1584.67	0.085	234.1	1.0208

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1584.75	0.086	234.8	1.0519
				1584.83	0.086	235.4	1.0652
				1584.92	0.081	235.6	1.0661
				1585.00	0.073	235.2	1.0554
				1585.08	0.066	234.4	1.0163
				1585.17	0.054	233.6	0.964
				1585.25	0.039	231.9	0.8734
				1585.35	0.024	229.6	0.7811
				1585.42	0.011	227	0.5361
				1585.50	-0.006	224	0.2938
				1585.58	-0.02	220.3	0.0355
				1585.67	-0.032	216.5	-0.2077
				1585.75	-0.046	212.2	-0.4349
				1585.83	-0.06	208.1	-0.6045
				1585.92	-0.067	202.9	-0.719
				1586.00	-0.071	200.7	-0.8353
				1586.08	-0.073	199.2	-0.869
				1586.17	-0.072	198.5	-0.8814
				1586.25	-0.07	198.4	-0.8797
				1586.33	-0.064	199.3	-0.8663
				1586.42	-0.05	201.8	-0.8353
				1586.50	-0.039	204.5	-0.7864
				1586.58	-0.028	207	-0.656
				1586.67	-0.013	210.6	-0.5139
				1586.77	0.005	215.4	-0.332
				1586.83	0.018	219	-0.1722
				1586.92	0.032	222.3	0.2015
				1587.00	0.048	225.7	0.4669
				1587.08	0.059	228.4	0.6595
				1587.17	0.069	230.6	0.8193
				1587.25	0.078	232.4	0.9347
				1587.33	0.085	234.3	1.0066
				1587.42	0.086	235	1.0456
				1587.50	0.086	235.5	1.0669
				1587.58	0.082	235.7	1.0652
				1587.67	0.077	235.4	1.051
				1587.75	0.068	234.9	1.0279
				1587.83	0.051	233.8	0.9782
				1587.92	0.037	231.6	0.9054
				1588.00	0.026	229.5	0.7217
				1588.08	0.01	227.2	0.5379
				1588.17	-0.006	224.1	0.3027
				1588.27	-0.023	219.4	0.1021
				1588.33	-0.034	215.5	-0.2494
				1588.42	-0.047	211.4	-0.4722
				1588.50	-0.058	207.3	-0.6329
				1588.58	-0.064	203.8	-0.7456
				1588.67	-0.07	201.2	-0.8211
				1588.75	-0.073	199.2	-0.8672
				1588.83	-0.072	198.4	-0.8788
				1588.92	-0.069	198.7	-0.8779
				1589.00	-0.062	199.5	-0.861
				1589.08	-0.052	201.3	-0.8264
				1589.17	-0.044	203.3	-0.7731
				1589.25	-0.031	206.3	-0.6861
				1589.33	-0.01	209.8	-0.5512
				1589.42	0.003	215.1	-0.3932
				1589.50	0.017	218.6	-0.0683
				1589.58	0.032	222.2	0.1926
				1589.68	0.049	225.3	0.4243
				1589.75	0.062	229.1	0.5938
				1589.83	0.07	231.1	0.8477
				1589.92	0.079	232.7	0.948

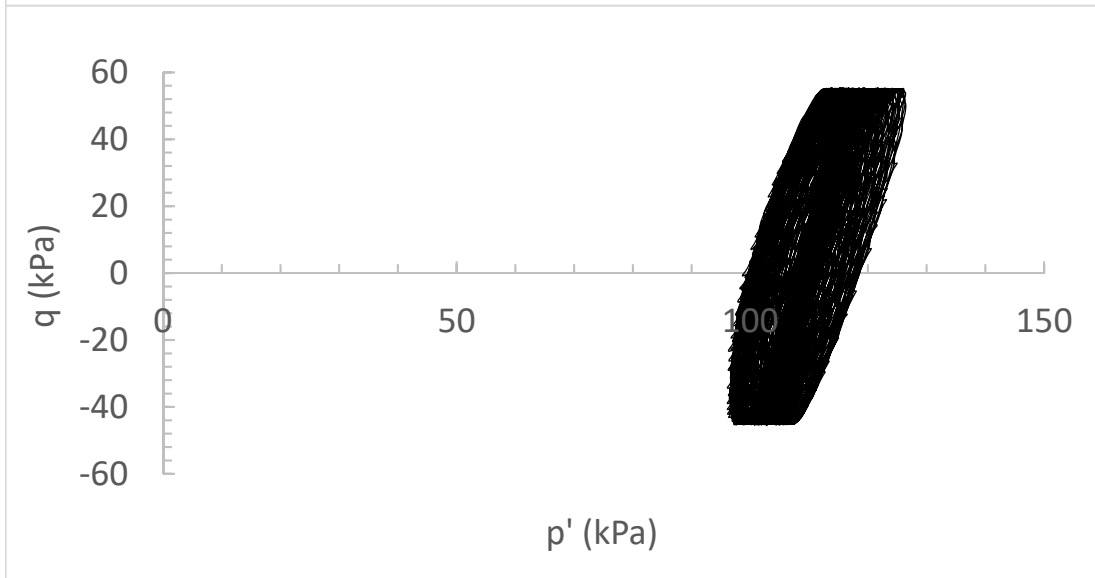
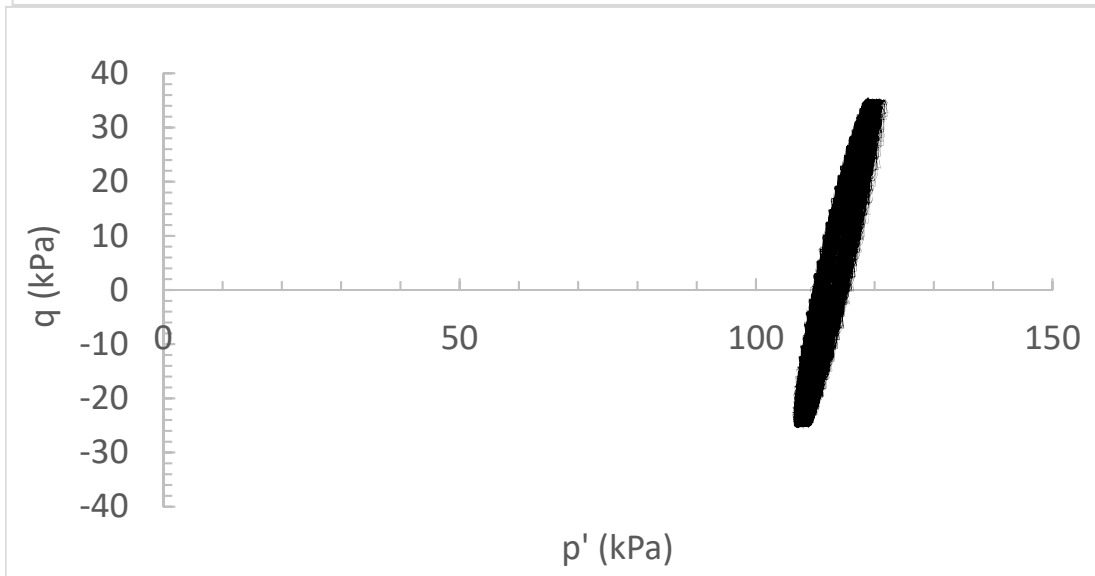
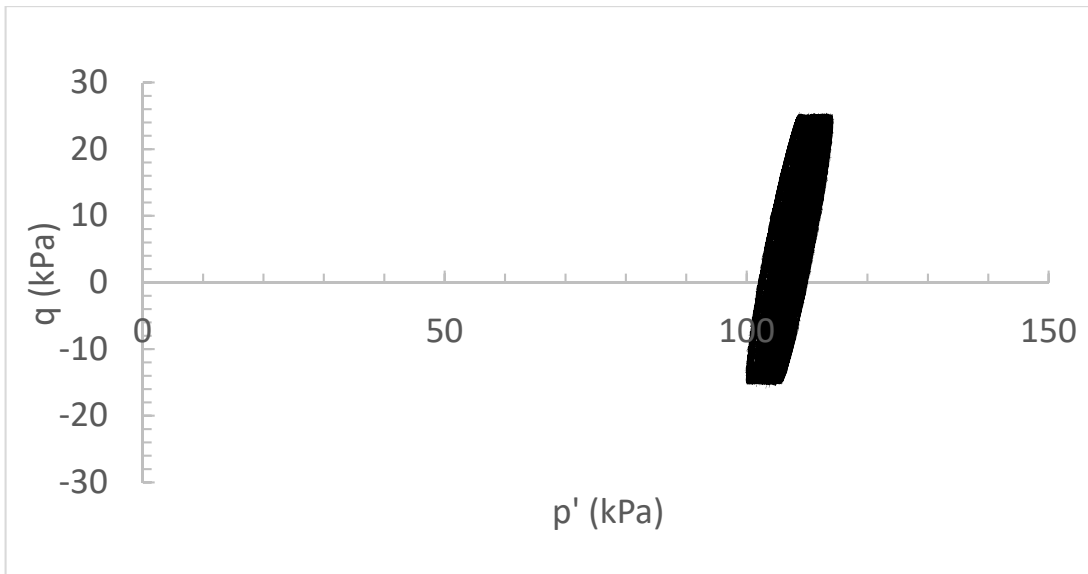
tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1590.00	0.084	234.1	1.0181
				1590.08	0.086	234.8	1.051
				1590.17	0.086	235.4	1.0652
				1590.25	0.081	235.7	1.0652
				1590.33	0.073	235.2	1.0545
				1590.42	0.066	234.7	1.0163
				1590.50	0.053	233.6	0.964
				1590.58	0.04	231.9	0.8752
				1590.67	0.029	230.3	0.7598
				1590.75	0.012	227.7	0.5787
				1590.83	-0.01	223.2	0.3577
				1590.92	-0.023	219.5	0.1172
				1591.00	-0.035	215.8	-0.2539
				1591.08	-0.048	211.2	-0.4784
				1591.17	-0.059	206.4	-0.5912
				1591.25	-0.067	202.8	-0.7137
				1591.33	-0.071	200.5	-0.8388
				1591.42	-0.073	199	-0.8717
				1591.50	-0.072	198.4	-0.8832
				1591.58	-0.07	198.3	-0.8805
				1591.67	-0.064	199.2	-0.8681
				1591.75	-0.05	201.7	-0.8362
				1591.83	-0.039	204.3	-0.7873
				1591.92	-0.028	206.9	-0.6577
				1592.00	-0.013	210.6	-0.5122
				1592.08	0	214.2	-0.3346
				1592.17	0.014	217.6	-0.1225
				1592.25	0.03	221.5	0.142
				1592.33	0.051	226.3	0.4012
				1592.42	0.061	228.9	0.7021
				1592.50	0.071	230.9	0.845
				1592.60	0.078	232.5	0.9427
				1592.67	0.085	234.3	1.0039
				1592.75	0.086	235.1	1.0563
				1592.83	0.085	235.5	1.0669
				1592.92	0.082	235.6	1.0643
				1593.00	0.077	235.4	1.051
				1593.08	0.068	234.9	1.027
				1593.17	0.051	233.8	0.9764
				1593.25	0.037	231.6	0.9081
				1593.33	0.026	229.5	0.7217
				1593.42	0.01	227.3	0.5423
				1593.50	-0.005	224.1	0.3045
				1593.58	-0.017	220.6	0.0621
				1593.67	-0.033	216.7	-0.1997
				1593.75	-0.05	212.3	-0.4287
				1593.83	-0.06	206.4	-0.5841
				1593.92	-0.066	203.2	-0.7651
				1594.02	-0.071	200.7	-0.8335
				1594.08	-0.073	199.3	-0.8654
				1594.17	-0.072	198.4	-0.8814
				1594.25	-0.069	198.5	-0.8788
				1594.33	-0.062	199.4	-0.8628
				1594.42	-0.052	201.2	-0.8273
				1594.50	-0.044	203.3	-0.774
				1594.58	-0.03	206.3	-0.6853
				1594.67	-0.01	209.6	-0.5539
				1594.75	0.003	214.9	-0.4003
				1594.83	0.017	218.4	-0.0675
				1594.92	0.033	222.1	0.1926
				1595.00	0.046	225.5	0.4491
				1595.08	0.057	228	0.6444
				1595.17	0.069	230.4	0.8149

tempo	cella di carico	Δu	LVDT	tempo	cella di carico	Δu	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
				1595.25	0.08	232.9	0.9223
				1595.33	0.085	234.1	1.0004
				1595.42	0.086	234.9	1.0581
				1595.52	0.086	235.4	1.0678
				1595.58	0.081	235.7	1.0687
				1595.67	0.073	235.2	1.0572
				1595.75	0.066	234.7	1.019
				1595.83	0.053	233.5	0.9658
				1595.92	0.041	232	0.8779
				1596.00	0.029	230.3	0.7589
				1596.08	0.012	227.7	0.5779
				1596.17	-0.01	223.2	0.3533
				1596.25	-0.023	219.4	0.1189
				1596.33	-0.035	215.7	-0.2619
				1596.42	-0.049	211.1	-0.4811
				1596.50	-0.057	207.2	-0.632
				1596.58	-0.064	204	-0.7474
				1596.67	-0.071	201	-0.8255
				1596.75	-0.073	198.9	-0.8637
				1596.83	-0.072	198.4	-0.8814
				1596.93	-0.069	198.4	-0.8814
				1597.00	-0.061	199.1	-0.8699
				1597.08	-0.05	201.7	-0.8406
				1597.17	-0.041	204.1	-0.7572
				1597.25	-0.028	206.9	-0.6622
				1597.33	-0.013	210.5	-0.521
				1597.42	-0.002	213.9	-0.3542
				1597.50	0.014	217.5	-0.1305
				1597.58	0.035	221.2	0.1243
				1597.67	0.05	226	0.371
				1597.75	0.059	228.6	0.6808
				1597.83	0.071	230.8	0.8406
				1597.92	0.079	232.5	0.9444
				1598.00	0.083	233.8	1.0092
				1598.08	0.086	234.7	1.051
				1598.17	0.085	235.3	1.0669
				1598.25	0.081	235.6	1.0678
				1598.33	0.076	235.3	1.0492
				1598.43	0.067	234.8	1.0288
				1598.50	0.05	233.2	0.98
				1598.58	0.038	231.6	0.9107
				1598.67	0.026	229.8	0.7261
				1598.75	0.009	227.1	0.5361
				1598.83	-0.005	224.1	0.308
				1598.92	-0.018	220.9	0.0648
				1599.00	-0.033	216.6	-0.2068
				1599.08	-0.051	210.2	-0.4252
				1599.17	-0.059	206.4	-0.5858
				1599.25	-0.066	203.3	-0.7669
				1599.33	-0.071	200.6	-0.837
				1599.42	-0.073	199.2	-0.8699
				1599.50	-0.073	198.4	-0.8841
				1599.58	-0.07	198.4	-0.8841
				1599.67	-0.06	199.8	-0.8681
				1599.75	-0.052	201.7	-0.8193
				1599.85	-0.044	203.3	-0.774
				1599.92	-0.025	206.4	-0.6861
				1600.00	-0.01	211.2	-0.5672
				1600.08	0.001	214.7	-0.3124
				1600.17	0.007	216.6	-0.2272
				1600.25	0.006	217.3	-0.2166

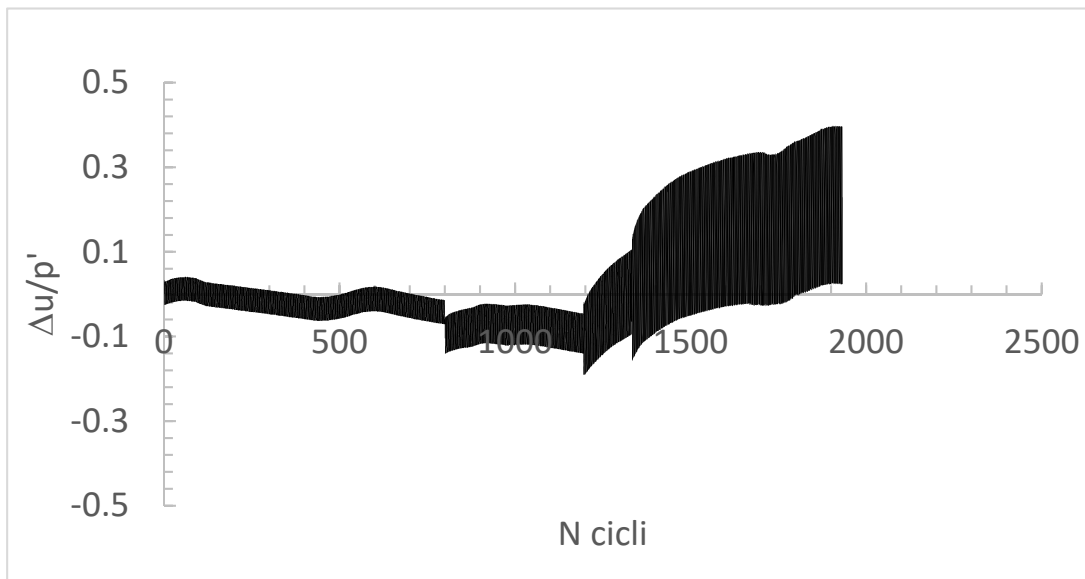
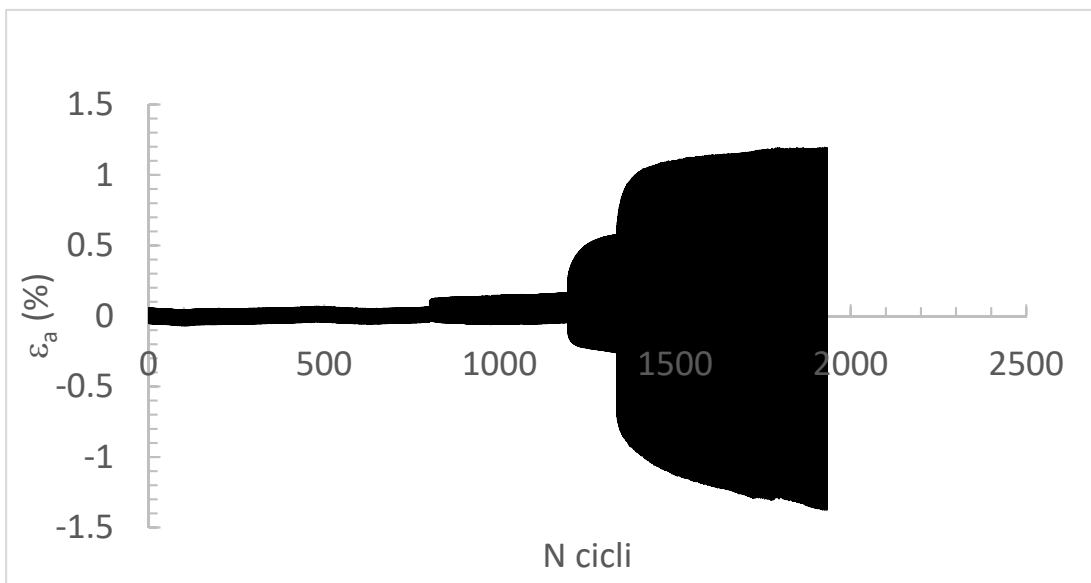
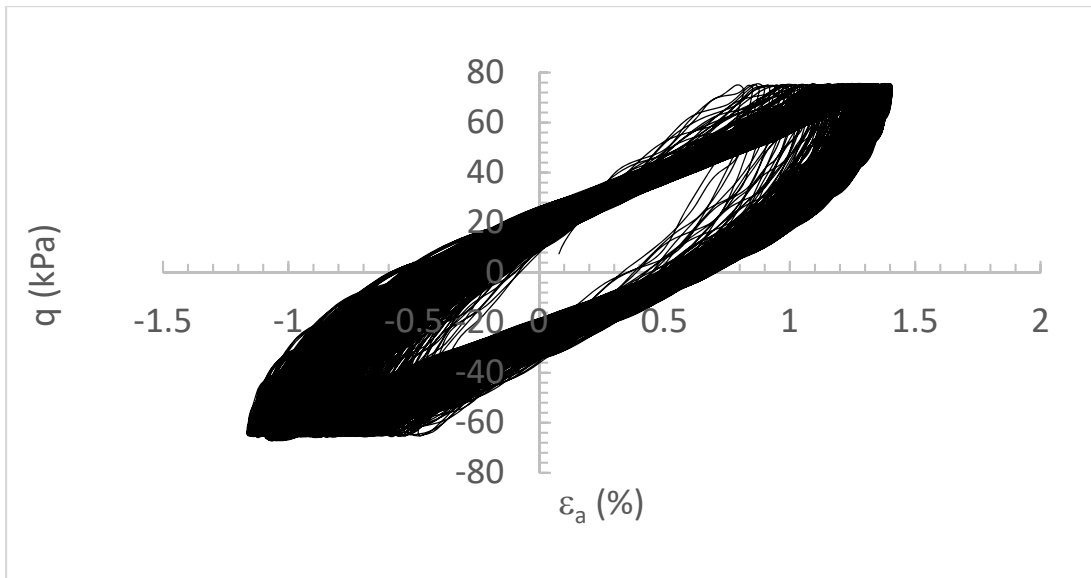
SN03-C1- prova TXC



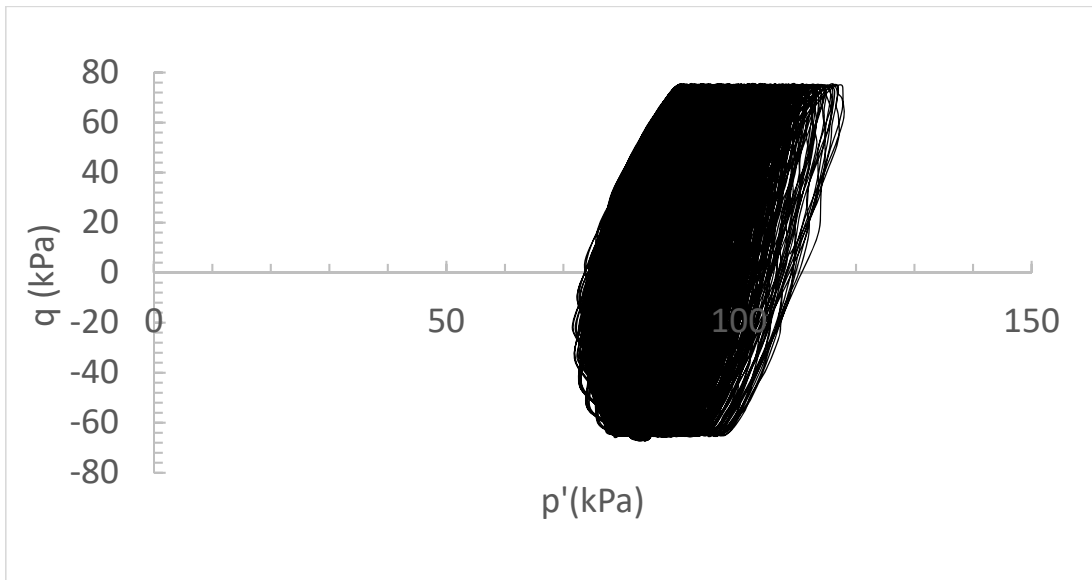
SN03-C1- prova TXC



SN03-C1- prova TXC



SN03-C1- prova TXC





Università degli Studi di Napoli Federico II
Dipartimento di Ingegneria Idraulica,
Geotecnica ed Ambientale

Prova Compressione Triassiale n.		Celle n.	
Prova tipo		CU (consolidata non drenata)	
Committente		Consorzio Hirpinia AV	
Indagine		I lotto funzionale Apice-Hirpinia	
Sondaggio		SN03	
Campione		1	
Profondità		4.00 ÷ 4.40 m	

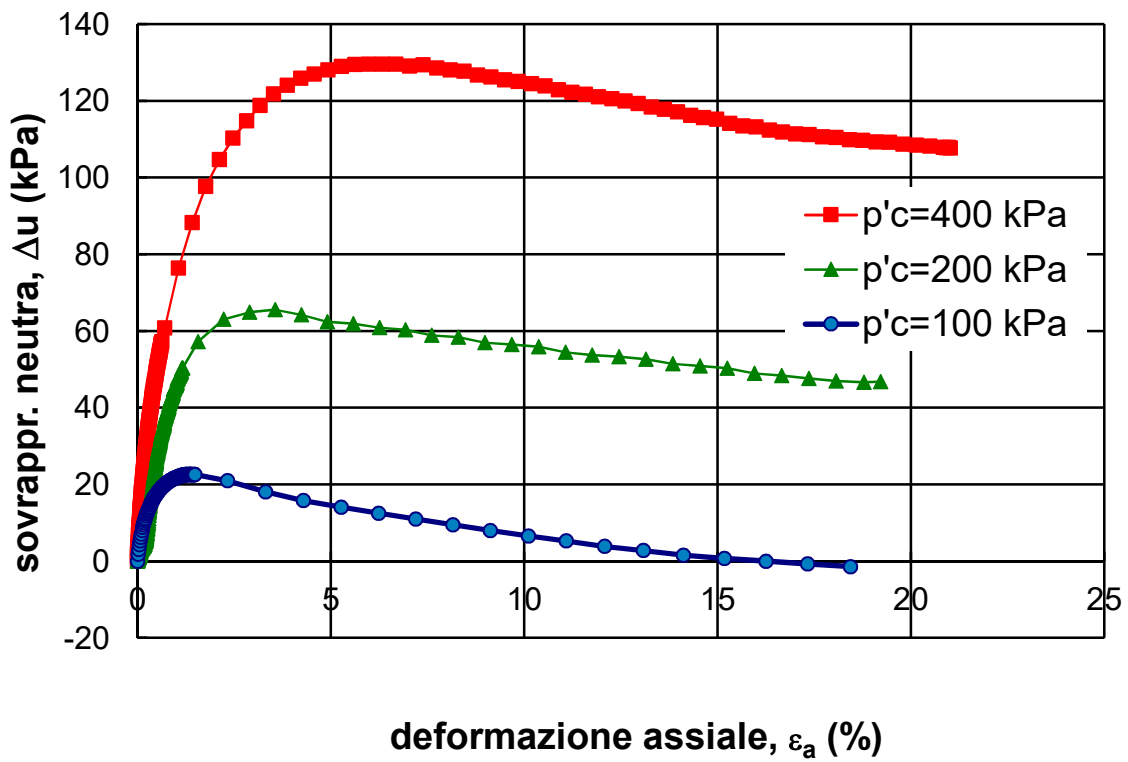
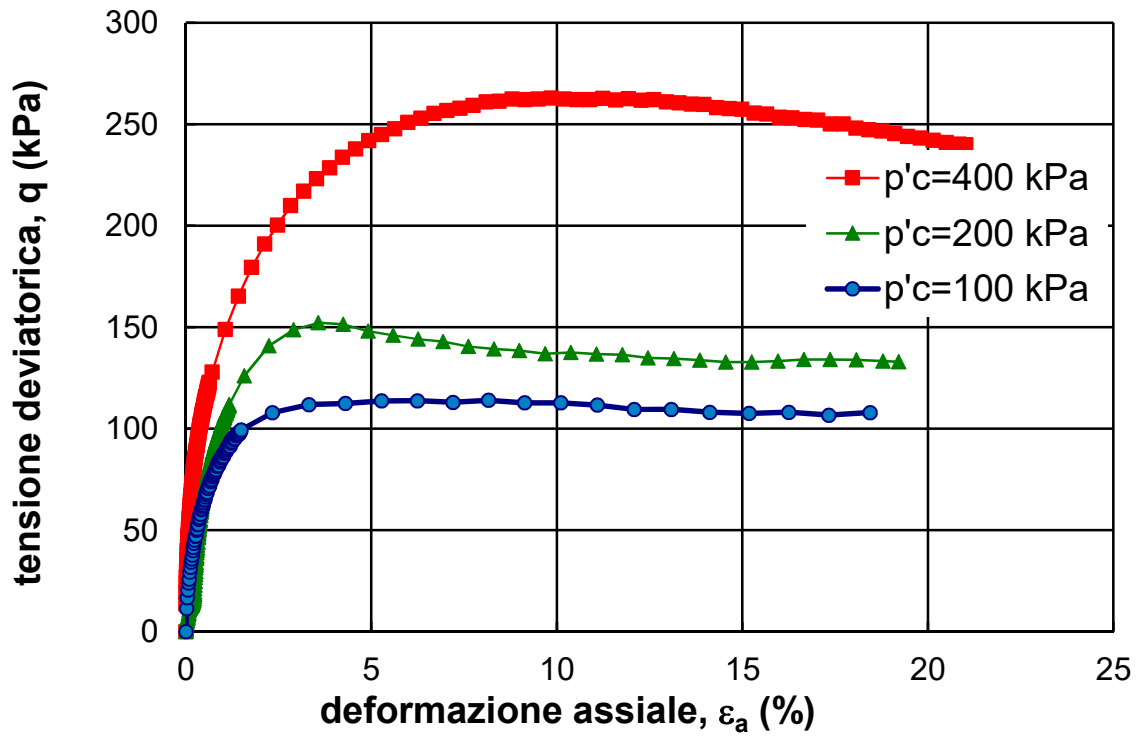
Provino 1			Provino 2			Provino 3		
Condizioni inizio prova			Condizioni inizio prova			Condizioni inizio prova		
altezza ho	mm	72.40	altezza ho	mm	72.17	altezza ho	mm	72.27
diametro d	mm	35.41	diametro d	mm	35.39	diametro d	mm	35.45
peso umido iniziale	g	140.29	peso umido iniziale	g	139.19	peso umido iniziale	g	140.01
Peso specifico γ_s	kN/m ³	26.80	Peso specifico γ_s	kN/m ³	26.80	Peso specifico γ_s	kN/m ³	26.80
Peso secco dell'udv γ_d	kN/m ³	15.17	Peso secco dell'udv γ_d	kN/m ³	15.11	Peso secco dell'udv γ_d	kN/m ³	15.11
Contenuto d'acqua w		0.272	Contenuto d'acqua w		0.268	Contenuto d'acqua w		0.275
Peso umido dell'udv γ	kN/m ³	19.30	Peso umido dell'udv γ	kN/m ³	19.15	Peso umido dell'udv γ	kN/m ³	19.26
Indice dei vuoti e		0.766	Indice dei vuoti e		0.774	Indice dei vuoti e		0.774
Grado di saturazione Sr		1.0	Grado di saturazione Sr		0.9	Grado di saturazione Sr		1.0
Condizioni fine prova			Condizioni fine prova			Condizioni fine prova		
Pesafiltro n° 37	g	16.45	Pesafiltro n° 20	g	17.11	Pesafiltro n° 15	g	15.72
Pf + prov. umido	g	156.25	Pf + prov. umido	g	154.87	Pf + prov. umido	g	155.55
Pf + prov.secco	g	126.74	Pf + prov.secco	g	126.92	Pf + prov.secco	g	125.54
Peso secco dell'udv γ_d	kN/m ³	15.25	Peso secco dell'udv γ_d	kN/m ³	15.78	Peso secco dell'udv γ_d	kN/m ³	15.25
Contenuto d'acqua w		0.268	Contenuto d'acqua w		0.255	Contenuto d'acqua w		0.273
Peso umido dell'udv γ	kN/m ³	19.33	Peso umido dell'udv γ	kN/m ³	19.79	Peso umido dell'udv γ	kN/m ³	19.41
Indice dei vuoti e		0.758	Indice dei vuoti e		0.699	Indice dei vuoti e		0.758
Grado di saturazione Sr		1.0	Grado di saturazione Sr		1.0	Grado di saturazione Sr		1.0

Laboratorio di Geotecnica										
Prova Compressione Triassiale n.				Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			
CIU (consolidata non drenata)				CIU (consolidata non drenata)			CIU (consolidata non drenata)			
Provino 1				Provino 2			Provino 3			
Velocità di prova (mm/min)		0.01		Velocità di prova (mm/min)		0.01		Velocità di prova (mm/min)		0.01
tensione di confinamento (kPa)		100		tensione di confinamento (kPa)		400		tensione di confinamento (kPa)		200
LVDT	cella di carico	Δu		LVDT	cella di carico	Δu		LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)		δ (mm)	kg	(kPa)		δ (mm)	kg	(kPa)
0	0	0		0	0	0		0	0	0
0.016	1.135365	1.8	1.192133	0.001	1.385	1.4		0.005	0.086	0.1
0.028	1.68399	3.1	1.76819	0.003	2.003	2.2		0.008	0.115	0.2
0.041	2.0559	4.3	2.158695	0.006	2.445	3.2		0.012	0.318	0.3
0.053	2.408175	5.3	2.528584	0.01	2.74	4.1		0.017	0.433	0.5
0.065	2.604525	6.2	2.734751	0.014	3.064	5		0.02	0.549	0.7
0.077	2.9568	7.1	3.10464	0.019	3.359	6		0.025	0.52	0.9
0.09	3.191265	8	3.350828	0.021	3.594	7.1		0.028	0.664	1.1
0.1	3.44652	8.8	3.618846	0.026	3.889	8		0.033	0.636	1.1
0.113	3.602445	9.5	3.782567	0.029	4.066	8.9		0.036	0.722	1.2
0.125	3.798795	10.1	3.988735	0.033	4.272	9.7		0.041	0.693	1.4
0.136	4.01478	10.7	4.215519	0.037	4.537	10.6		0.044	0.809	1.5
0.148	4.170705	11.2	4.37924	0.042	4.743	11.5		0.049	0.867	1.6
0.16	4.38669	11.8	4.606025	0.044	4.861	12.3		0.052	0.925	1.8
0.171	4.542615	12.3	4.769746	0.05	5.067	13		0.057	0.925	1.9
0.182	4.738965	12.7	4.975913	0.053	5.185	13.8		0.061	1.069	2.1
0.194	4.7586	13.1	4.99653	0.057	5.391	14.5		0.065	1.098	2.6
0.205	5.032335	13.5	5.283952	0.062	5.568	15.4		0.069	1.156	2.8
0.217	5.110875	13.9	5.366419	0.067	5.686	16		0.074	1.156	3
0.229	5.30607	14.2	5.571374	0.07	5.863	16.7		0.077	1.214	3.1
0.241	5.325705	14.7	5.59199	0.074	6.039	17.5		0.082	1.185	3.2
0.252	5.58096	15	5.860008	0.077	6.098	18		0.085	1.243	3.3
0.264	5.679135	15.4	5.963092	0.083	6.305	18.7		0.09	1.214	3.4
0.275	5.83506	15.6	6.126813	0.086	6.393	19.4		0.093	1.243	3.4
0.288	5.83506	15.9	6.126813	0.09	6.54	20		0.098	1.243	3.6
0.298	6.07068	16.2	6.374214	0.094	6.658	20.7		0.101	1.271	3.7
0.311	6.10995	16.6	6.415448	0.099	6.805	21.4		0.106	1.3	3.7
0.323	6.24624	16.8	6.558552	0.103	6.864	22.1		0.111	1.329	3.8
0.334	6.305145	17	6.620402	0.107	7.071	22.7		0.114	1.329	3.9
0.346	6.422955	17.2	6.744103	0.112	7.13	23.4		0.118	1.358	4
0.357	6.540765	17.5	6.867803	0.116	7.247	24		0.123	1.329	4.1
0.369	6.5604	17.7	6.88842	0.12	7.336	24.5		0.126	1.387	4.1
0.38	6.716325	18	7.052141	0.123	7.483	25.1		0.131	1.416	4.2
0.392	6.834135	18.2	7.175842	0.127	7.542	25.7		0.134	1.445	4.3
0.403	6.93231	18.4	7.278926	0.132	7.689	26.2		0.139	1.445	4.4
0.415	6.93231	18.6	7.278926	0.136	7.689	26.7		0.144	1.532	4.9
0.426	7.14714	18.8	7.504497	0.14	7.866	27.2		0.145	1.532	5
0.438	7.14714	18.9	7.504497	0.145	7.954	27.8		0.15	1.561	5.1
0.449	7.323855	19.2	7.690048	0.147	8.043	28.2		0.155	1.618	5.3
0.462	7.26495	19.4	7.628198	0.153	8.102	28.9		0.158	1.647	5.3
0.473	7.47978	19.5	7.853769	0.156	8.22	29.3		0.162	1.734	5.5
0.486	7.47978	19.6	7.853769	0.16	8.278	29.8		0.167	1.85	5.8
0.496	7.617225	19.7	7.998086	0.165	8.426	30.3		0.17	1.965	6
0.509	7.577955	19.9	7.956853	0.169	8.426	30.8		0.173	2.139	6.4
0.519	7.735035	20	8.121787	0.173	8.573	31.2		0.178	2.312	6.8
0.532	7.79394	20.3	8.183637	0.178	8.661	31.9		0.181	2.486	7.2
0.543	7.871325	20.4	8.264891	0.182	8.75	32.4		0.185	2.688	7.6
0.555	7.89096	20.5	8.285508	0.186	8.75	32.9		0.189	2.832	8.2
0.566	7.989135	20.5	8.388592	0.19	8.927	33.5		0.193	2.977	8.5
0.578	8.08731	20.7	8.491676	0.195	8.986	34		0.196	3.179	9.1
0.59	8.08731	20.8	8.491676	0.199	9.074	34.4		0.201	3.324	9.6
0.602	8.26287	21	8.676014	0.203	9.074	34.9		0.204	3.439	10
0.613	8.26287	21.1	8.676014	0.208	9.192	35.4		0.209	3.642	10.5
0.625	8.400315	21.2	8.820331	0.212	9.31	35.9		0.212	3.757	11.1
0.636	8.30214	21.2	8.717247	0.216	9.339	36.3		0.216	3.931	11.9

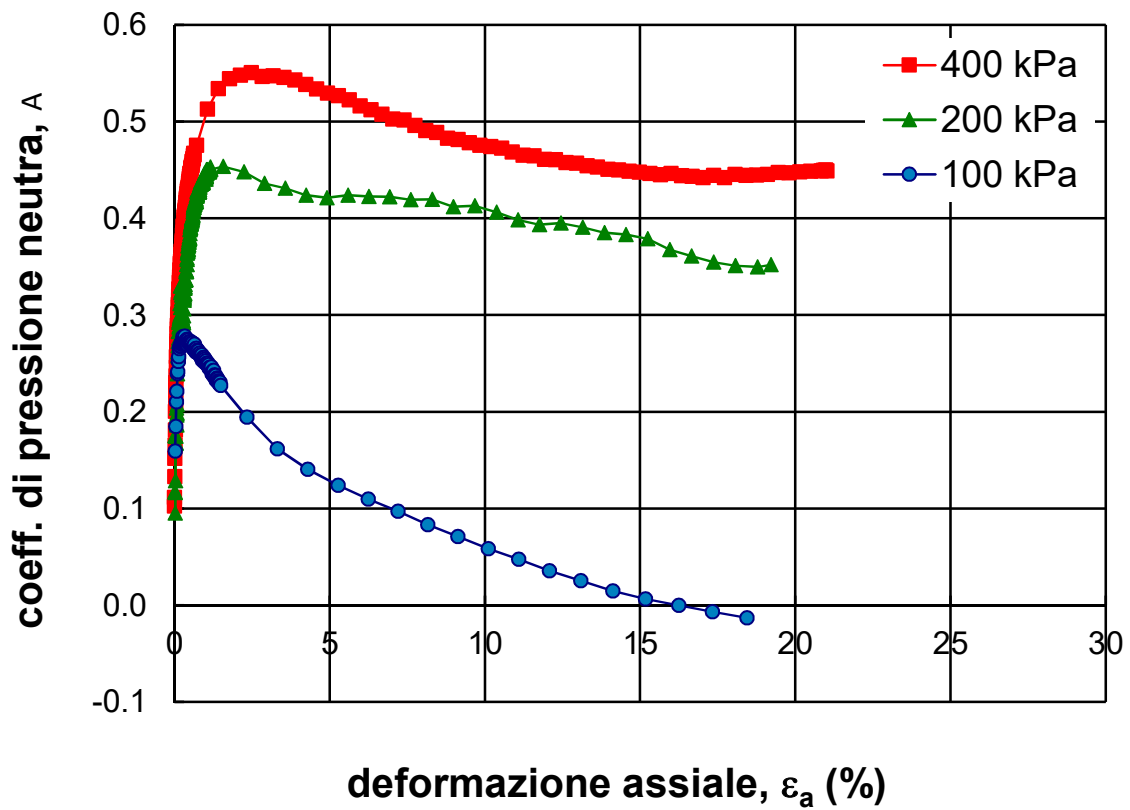
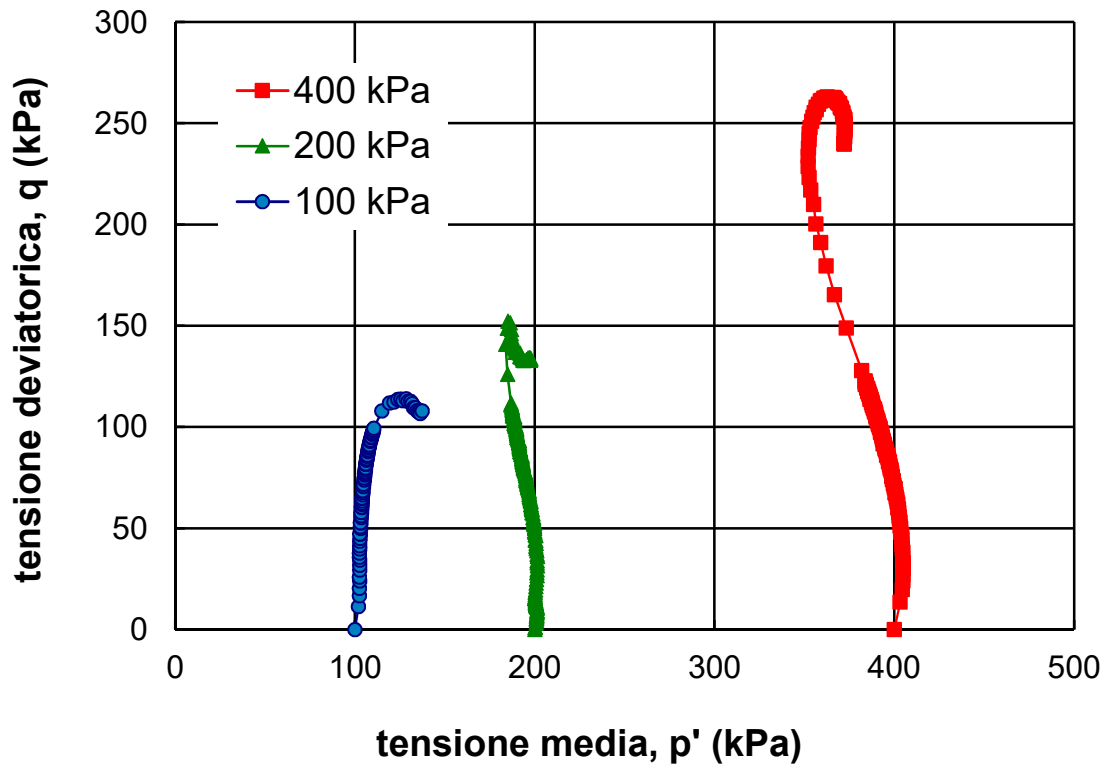
Laboratorio di Geotecnica										
Prova Compressione Triassiale n.				Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			
CIU (consolidata non drenata)				CIU (consolidata non drenata)			CIU (consolidata non drenata)			
Provino 1				Provino 2			Provino 3			
Velocità di prova (mm/min)		0.01		Velocità di prova (mm/min)		0.01		Velocità di prova (mm/min)		0.01
tensione di confinamento (kPa)		100		tensione di confinamento (kPa)		400		tensione di confinamento (kPa)		200
LVDT	cella di carico	Δu		LVDT	cella di carico	Δu		LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)		δ (mm)	kg	(kPa)		δ (mm)	kg	(kPa)
0.648	8.53776	21.3	8.964648	0.22	9.339	36.8	0.22	4.046		12.6
0.661	8.478855	21.4	8.902798	0.225	9.486	37.1	0.224	4.162		13.1
0.673	8.635935	21.6	9.067732	0.229	9.545	37.6	0.227	4.307		13.5
0.684	8.557395	21.6	8.985265	0.232	9.604	38	0.23	4.451		14.1
0.696	8.693685	21.7	9.128369	0.236	9.693	38.5	0.235	4.48		14.5
0.707	8.693685	21.8	9.128369	0.241	9.752	38.9	0.238	4.682		14.9
0.719	8.83113	21.8	9.272687	0.245	9.84	39.3	0.243	4.74		15.4
0.731	8.75259	21.8	9.19022	0.249	9.899	39.7	0.247	4.856		15.9
0.743	8.929305	22	9.37577	0.253	9.928	40.1	0.251	4.914		16.3
0.754	8.968575	22	9.417004	0.258	10.017	40.5	0.255	5.058		16.8
0.766	8.98821	22.1	9.437621	0.263	10.134	40.9	0.258	5.145		17.1
0.779	9.007845	22.2	9.458237	0.266	10.164	41.5	0.263	5.289		17.6
0.789	9.104865	22.3	9.560108	0.271	10.252	41.9	0.266	5.26		18
0.802	9.20304	22.2	9.663192	0.275	10.311	42.4	0.271	5.405		18.4
0.814	9.183405	22.2	9.642575	0.279	10.37	42.8	0.274	5.521		18.8
0.826	9.28158	22.4	9.745659	0.283	10.459	43.3	0.279	5.607		19.1
0.838	9.32085	22.4	9.786893	0.286	10.517	43.6	0.282	5.607		19.5
0.849	9.39939	22.5	9.86936	0.294	10.517	43.9	0.287	5.781		20.1
0.861	9.28158	22.5	9.745659	0.298	10.635	44.4	0.291	5.839		20.7
0.872	9.555315	22.5	10.03308	0.301	10.665	44.8	0.294	5.983		21.1
0.884	9.458295	22.5	9.93121	0.305	10.724	45.2	0.299	5.983		21.5
0.895	9.61422	22.5	10.09493	0.309	10.783	45.5	0.302	6.07		21.9
0.907	9.5172	22.7	9.99306	0.315	10.871	45.9	0.305	6.157		22.2
0.92	9.69276	22.6	10.1774	0.319	10.9	46.2	0.31	6.243		22.6
0.932	9.65349	22.6	10.13616	0.322	10.989	46.6	0.313	6.243		22.9
0.943	9.7713	22.6	10.25987	0.326	10.959	46.9	0.318	6.388		23.2
0.955	9.69276	22.6	10.1774	0.331	11.107	47.3	0.322	6.417		23.5
0.967	9.84984	22.5	10.34233	0.335	11.107	47.6	0.325	6.475		23.8
0.978	9.869475	22.7	10.36295	0.339	11.166	48	0.33	6.532		24.2
0.99	9.84984	22.7	10.34233	0.344	11.195	48.4	0.333	6.619		24.5
1.002	9.84984	22.6	10.34233	0.348	11.313	48.8	0.336	6.648		24.8
1.013	9.92838	22.6	10.4248	0.352	11.313	49.2	0.341	6.764		25.2
1.025	10.005765	22.6	10.50605	0.357	11.431	49.6	0.344	6.764		25.4
1.038	9.92838	22.5	10.4248	0.361	11.431	50	0.349	6.879		25.7
1.048	10.045035	22.5	10.54729	0.365	11.519	50.3	0.353	6.937		26
1.061	10.045035	22.7	10.54729	0.369	11.578	50.7	0.357	6.995		26.5
1.073	10.14321	22.6	10.65037	0.374	11.637	51	0.361	7.082		27.1
1.687	11.103015	21	11.65817	0.378	11.608	51.4	0.364	7.139		27.4
2.395	11.632005	18.1	12.21361	0.382	11.755	51.7	0.367	7.168		27.7
3.105	11.807565	15.8	12.39794	0.387	11.725	52	0.372	7.255		27.9
3.811	12.06282	14.1	12.66596	0.391	11.843	52.3	0.377	7.284		28.3
4.51	12.19911	12.5	12.80907	0.395	11.843	52.7	0.38	7.342		28.5
5.201	12.23838	11	12.8503	0.399	11.902	53	0.384	7.4		28.8
5.896	12.474	9.5	13.0977	0.404	11.991	53.3	0.388	7.457		29.1
6.6	12.336555	8	12.95338	0.407	12.02	53.6	0.392	7.457		29.4
7.309	12.336555	6.6	12.95338	0.412	11.991	53.9	0.397	7.544		29.6
8.018	12.218745	5.3	12.82968	0.417	12.138	54.3	0.4	7.573		29.8
8.732	11.98428	3.9	12.58349	0.421	12.138	54.5	0.405	7.689		30.1
9.459	11.98428	2.8	12.58349	0.424	12.167	54.8	0.408	7.717		30.3
10.205	11.8272	1.6	12.41856	0.43	12.197	55.1	0.411	7.717		30.5
10.972	11.768295	0.7	12.35671	0.434	12.285	55.5	0.416	7.804		30.8
11.747	11.8272	0	12.41856	0.438	12.374	56	0.419	7.833		31
12.529	11.67012	-0.7	12.25363	0.442	12.374	56.3	0.423	7.891		31.3
13.331	11.807565	-1.4	12.39794	0.447	12.374	56.6	0.428	7.92		31.5
				0.451	12.491	56.9	0.433	7.978		32
				0.455	12.55	57.2	0.436	8.035		32.4
				0.511	13.081	60.8	0.441	8.093		32.8
				0.766	15.29	76.4	0.444	8.093		33
				1.024	17.028	88.3	0.449	8.151		33.2
				1.279	18.56	97.7	0.452	8.238		33.5
				1.533	19.827	104.7	0.455	8.296		33.6
				1.787	20.858	110.3	0.46	8.267		33.9
				2.042	21.948	114.8	0.463	8.353		34.1

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	100		tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	200	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
			2.295	22.773	118.8	0.468	8.382	34.2
			2.547	23.51	121.8	0.472	8.44	34.5
			2.802	24.158	124.1	0.477	8.411	34.7
			3.054	24.806	125.9	0.48	8.498	34.9
			3.307	25.336	127	0.485	8.556	35.1
			3.561	25.867	128.1	0.488	8.614	35.3
			3.816	26.279	129	0.491	8.556	35.4
			4.069	26.691	129.5	0.496	8.7	35.7
			4.324	27.133	129.6	0.499	8.671	35.8
			4.579	27.457	129.6	0.504	8.758	36
			4.834	27.811	129.6	0.508	8.787	36.6
			5.088	28.076	129.1	0.511	8.874	37
			5.343	28.312	129.4	0.516	8.932	37.2
			5.597	28.577	128.6	0.519	8.989	37.4
			5.852	28.872	128.1	0.524	8.932	37.6
			6.105	29.019	127.7	0.527	9.047	37.8
			6.357	29.255	126.7	0.53	9.047	37.9
			6.61	29.343	126.2	0.535	9.076	38.1
			6.864	29.49	125.5	0.539	9.076	38.3
			7.116	29.667	125.1	0.543	9.163	38.5
			7.369	29.726	124.5	0.547	9.163	38.7
			7.62	29.814	123.9	0.552	9.249	38.9
			7.87	29.932	122.9	0.555	9.221	39
			8.122	30.109	122.2	0.558	9.307	39.2
			8.372	30.138	121.7	0.563	9.365	39.4
			8.621	30.345	121.1	0.566	9.365	39.5
			8.87	30.374	120.6	0.571	9.365	39.7
			9.117	30.521	120	0.574	9.481	39.8
			9.364	30.521	119.3	0.578	9.452	39.9
			9.609	30.58	118.4	0.583	9.539	40.1
			9.853	30.639	117.8	0.587	9.51	40.4
			10.097	30.728	117.1	0.591	9.567	40.9
			10.342	30.669	116.2	0.594	9.625	41.1
			10.585	30.728	115.6	0.599	9.654	41.3
			10.83	30.816	115.2	0.602	9.654	41.5
			11.075	30.728	114.1	0.607	9.741	41.7
			11.32	30.786	113.5	0.61	9.741	41.8
			11.566	30.728	113.2	0.615	9.799	41.9
			11.813	30.816	112.4	0.618	9.828	42.1
			12.061	30.845	111.9	0.622	9.828	42.3
			12.309	30.934	111.4	0.627	9.857	42.4
			12.559	30.845	111.2	0.63	9.914	42.6
			12.809	30.963	110.6	0.635	9.943	42.7
			13.059	30.845	110.5	0.638	9.943	42.8
			13.31	30.875	109.9	0.643	10.03	43
			13.56	30.934	109.7	0.646	10.03	43.1
			13.811	30.904	109.3	0.649	10.088	43.2
			14.061	30.875	109.2	0.654	10.059	43.4
			14.31	30.904	108.7	0.658	10.088	43.5
			14.562	30.904	108.5	0.663	10.174	43.7
			14.814	30.904	108.2	0.666	10.232	43.9
			15.066	30.934	107.9	0.671	10.203	44.4
			15.118	30.904	107.8	0.674	10.29	44.7
			15.168	30.934	107.9	0.677	10.29	44.8
			15.197	30.963	107.7	0.682	10.348	45
						0.685	10.319	45
						0.69	10.377	45.1
						0.693	10.377	45.3
						0.697	10.464	45.4
						0.702	10.377	45.5
						0.705	10.521	45.6
						0.71	10.521	45.8
						0.713	10.55	45.8

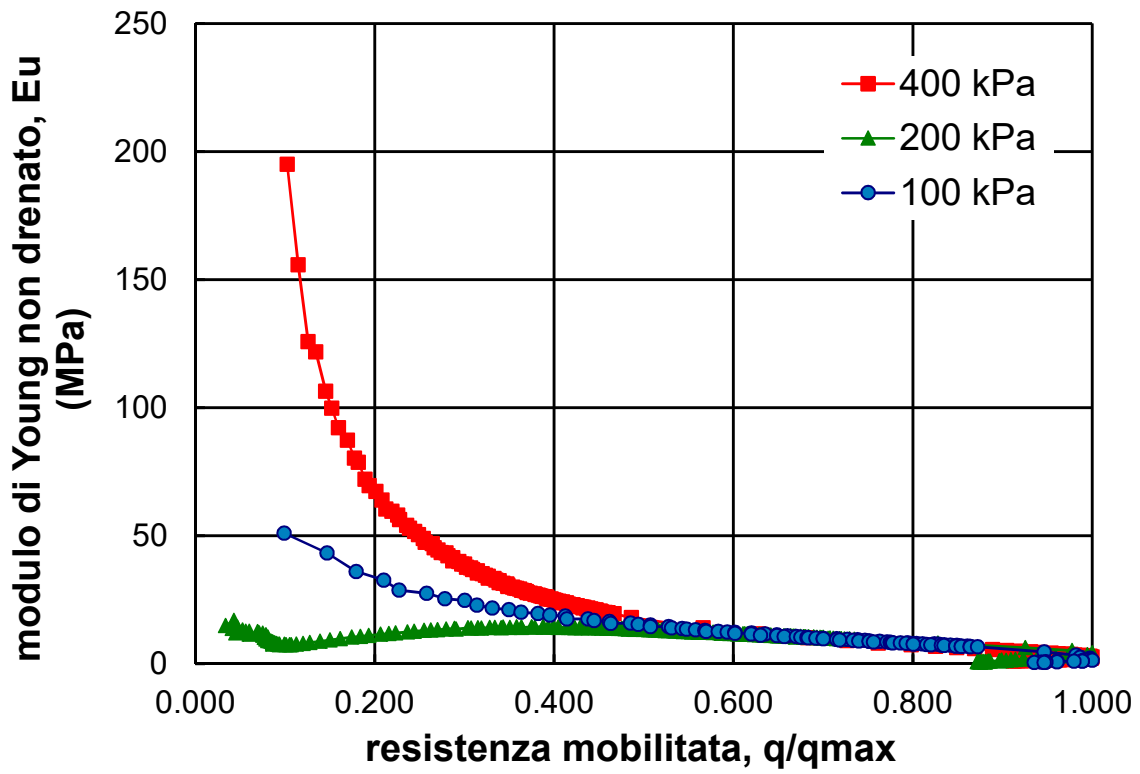
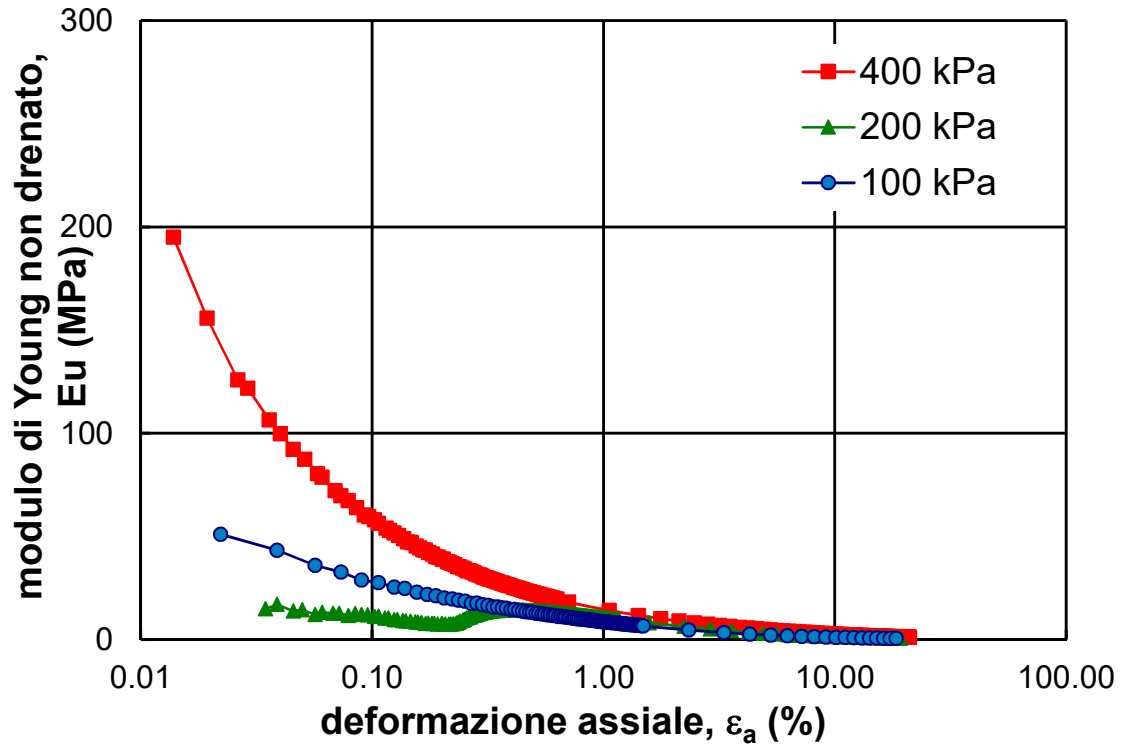
Prova Triassiale CIU SN03-C1



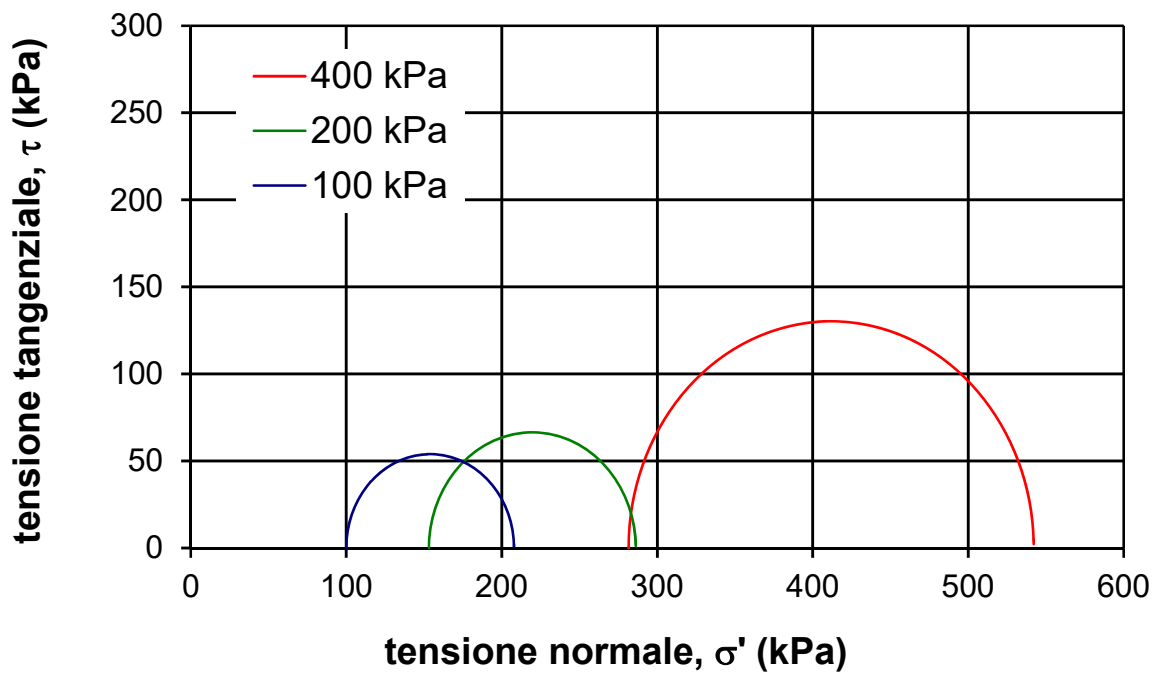
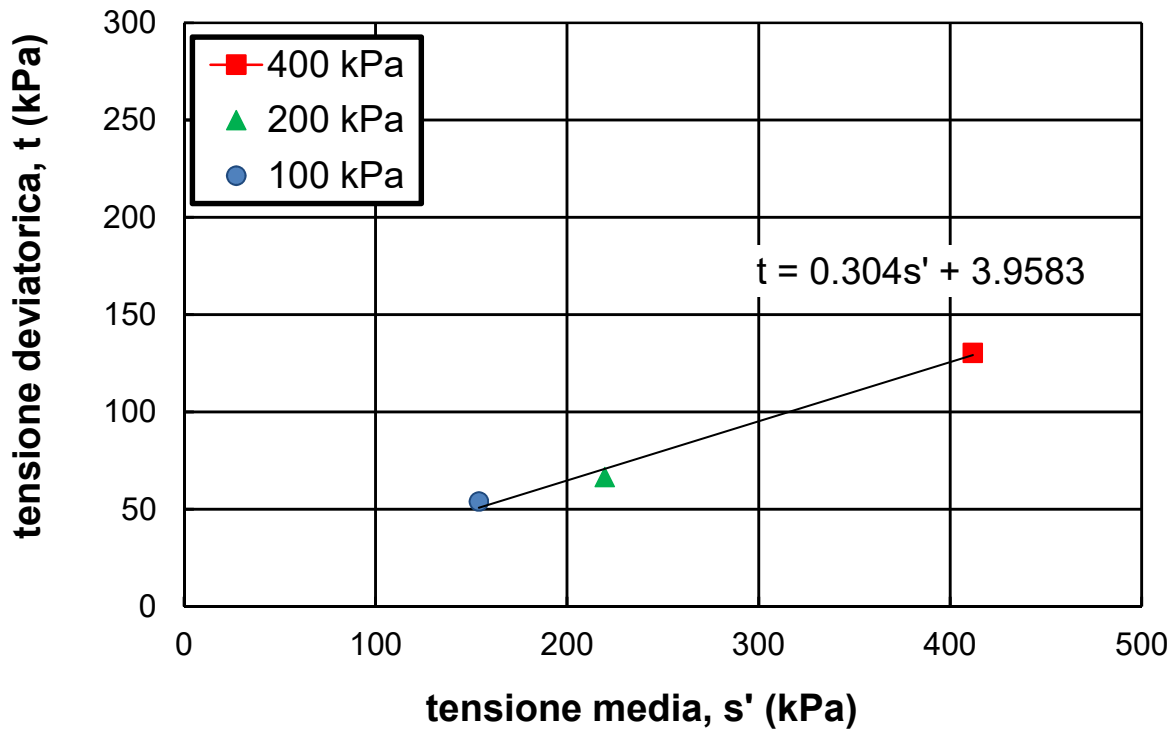
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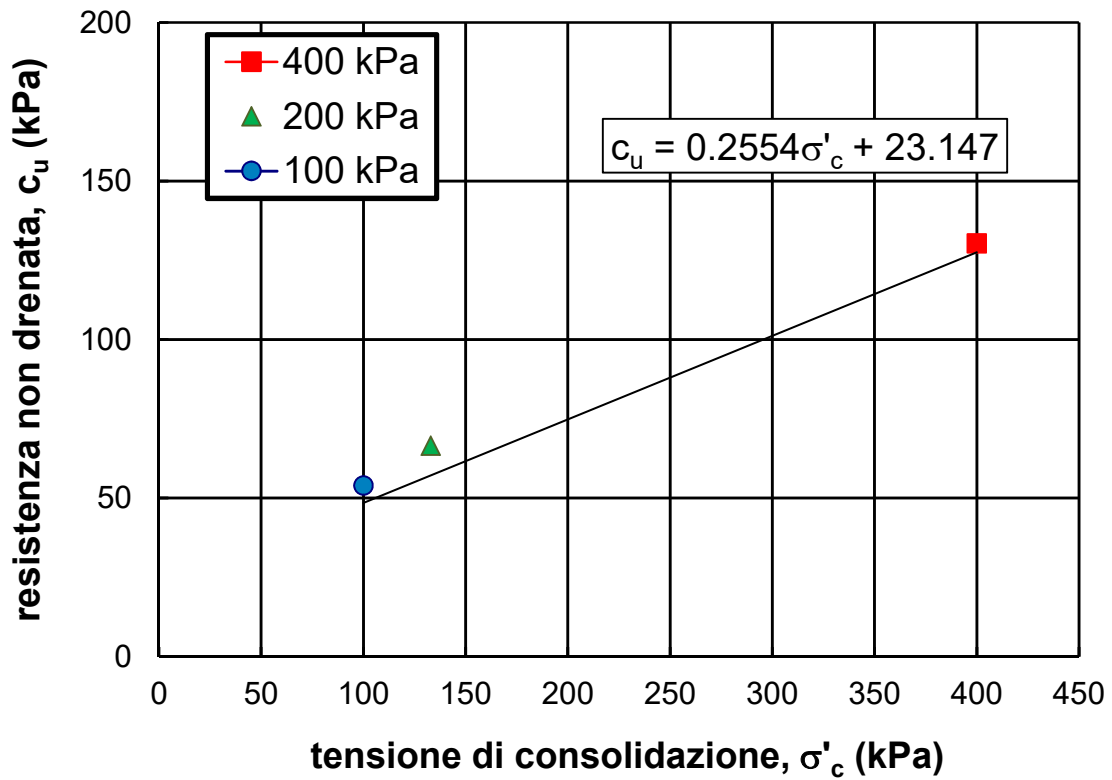
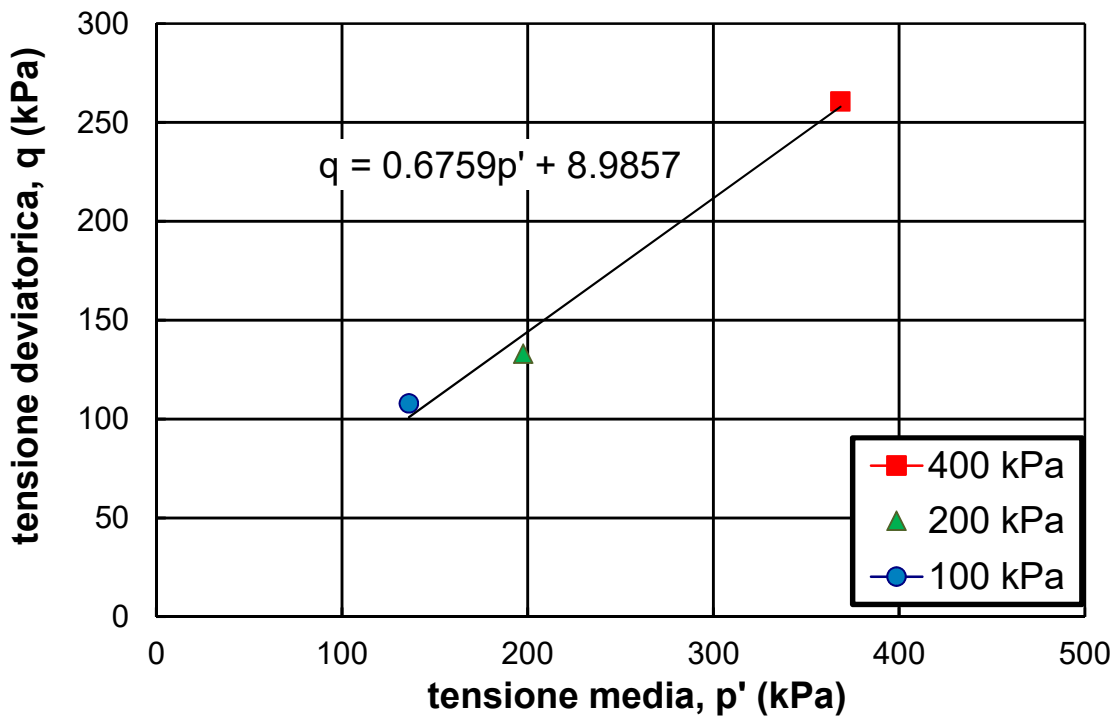
Prova Triassiale CIU SN03-C1



Prova Triassiale CIU SN03-C1



Prova Triassiale CIU SN03-C1





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Laboratorio di Geotecnica

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<u>Campione</u>	C1
<u>Profondità</u>	4.00 ÷ 4.40 m
<u>Data apertura</u>	07/10/19
<u>Operatore</u>	Alfredo Pozzo

Prova di TAGLIO TORSIONALE

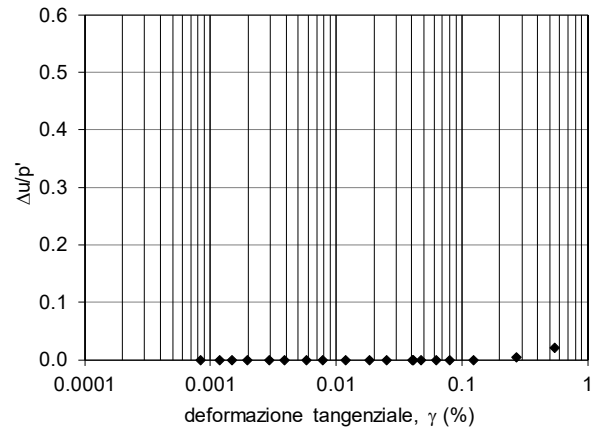
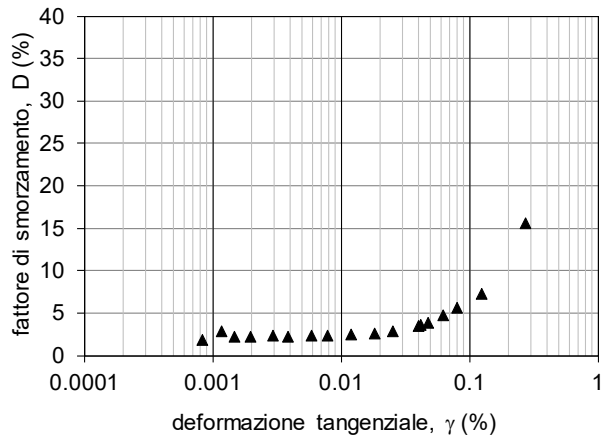
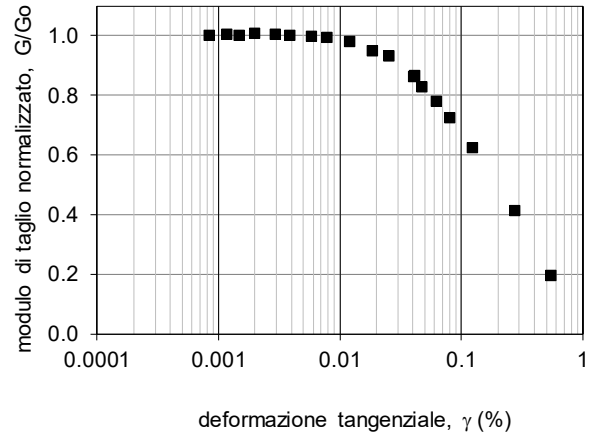
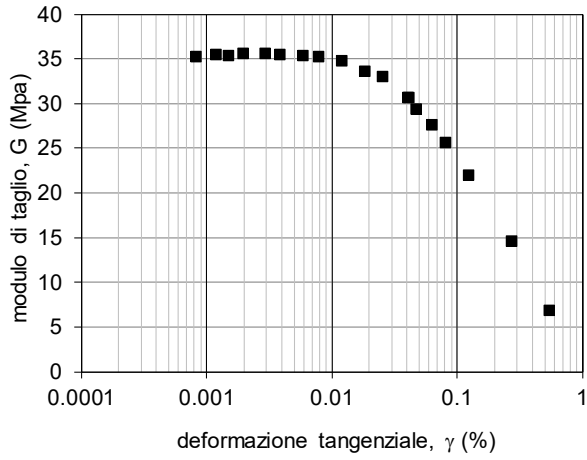
Dati iniziali								
D (mm)	H (mm)	V (cm ³)	γ (kN/m ³)	w (%)	γ_s (kN/m ³)	e (/)	S _r (%)	p' (kPa)
35.51	72.23	71.50	19.4	27.84	26.80	0.766	0.99	100

Dati fine consolidazione								
D (mm)	H (mm)	V (cm ³)	γ (kN/m ³)	w (%)	γ_d (kN/m ³)	e (/)	S _r (%)	p' (kPa)
35.59	72.26	71.84	19.35	28.15	15.1	0.775	100	100

TAGLIO TORSIONALE					
γ (%)	G (MPa)	D (%)	f _r (Hz)	G/G ₀ (/)	Du/p'
1.49E-03	35.41	2.25	0.5	1.00	0.00
8.32E-04	35.29	1.87	0.5	1.00	0.00
1.18E-03	35.51	2.89	0.5	1.01	0.00
1.98E-03	35.57	2.20	0.5	1.01	0.00
2.96E-03	35.56	2.39	0.5	1.00	0.00
3.88E-03	35.51	2.21	0.5	1.00	0.00
5.86E-03	35.39	2.32	0.5	1.00	0.00
7.86E-03	35.22	2.31	0.5	0.99	0.00
1.19E-02	34.75	2.45	0.5	0.98	0.00
1.85E-02	33.66	2.53	0.5	0.95	0.00
2.52E-02	32.99	2.81	0.5	0.93	0.00
4.06E-02	30.62	3.51	0.5	0.86	0.00
4.14E-02	30.69	3.58	0.5	0.87	0.00
4.74E-02	29.35	3.88	0.5	0.83	0.00
6.27E-02	27.58	4.75	0.5	0.78	0.00
8.04E-02	25.67	5.61	0.5	0.73	0.00
1.24E-01	22.05	7.30	0.5	0.62	0.00
2.74E-01	14.59	15.62	0.5	0.41	0.00
5.47E-01	6.87	50.50	0.5	0.19	0.02



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APPENDICE

1. L'attrezzatura sperimentale per prove di taglio torsionale

L'apparecchiatura utilizzata è la cella di taglio torsionale THOR (Figura A.1), progettata e realizzata presso l'Università di Napoli Federico II (d'Onofrio, 1996) sulla base del prototipo originario di colonna risonante 'fixed-free' messo a punto presso l'Università del Texas di Austin (Isenhower, 1979; Ni, 1987). Le caratteristiche tecniche dell'apparecchiatura sono dettagliate da d'Onofrio et al. (1999). In Tabella A.1 sono sintetizzate le principali caratteristiche del sistema, ed in Figura A.2 uno schema della catena strumentale per il controllo e l'acquisizione.

Tipo di prova		Colonna risonante / Taglio torsionale
Nome dell'apparecchiatura		THOR
Provino	Diametro esterno	36mm
	Altezza	72mm
	Accuratezza nella misura delle dimensioni e del peso del provino	0.1 mm, 0.1gr
	Metodo di preparazione del provino	Fustellamento
	Saturazione	In cella via back-pressure
	Test di B	B > 0.95 mediando i valori ottenuti incrementando e decrementando la pressione di cella
	Contatto tra provino e apparecchiatura	Piastra rugosa avvitata nella testa di carico e pietra porosa di carburo di silicio avvitata al piedistallo
Sistema di applicazione dei carichi torcenti	Tipo	Motore elettromagnetico
Accuratezza del sistema di controllo	Pressione di cella	40 Pa attraverso convertitore E/P
	Contropressione	Senza controllo
	Sistema di applicazione dei carichi torcenti	Controllo in corrente risoluzione $1.6 \cdot 10^{-5}$ Nm (2 Pa per il provino \varnothing 36 mm) Fondo scala 5 Nm Non c'è effetto della forza elettromotrice indotta
Tipo di trasduttori utilizzati	Pressione di cella	Sensore di pressione di elevate prestazioni con membrana al silicone
	Contropressione	Trasduttore miniaturizzato con diaframma al silicone
	Pressione neutra	Trasduttore miniaturizzato con diaframma al silicone
	Coppia torcente	Cella torsionale a strain-gage
	Spostamenti assiali	LVDT in corrente continua
	Variazioni di volume	Trasduttore differenziale di pressione/ volumometro
	Accelerazioni	Accelerometro piezoelettrico
	Rotazioni	Laser /Proximitor
Accuratezza delle misure	Pressione di cella	1.5 Pa
	Contropressione	0.7 Pa
	Pressione interstiziale	0.7 Pa
	Coppia torcente	$6 \cdot 10^{-3}$ Nm
	Spostamenti assiali	1 μ m
	Variazioni di volume	0.0014 cm ³
	Rotazioni	$2.5 \cdot 10^{-7}$ rad (prox)

Tabella A.1. Principali caratteristiche della cella di taglio torsionale THOR.



Università degli Studi di Napoli Federico II
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Figura A.1. L'apparecchiatura di taglio torsionale THOR.

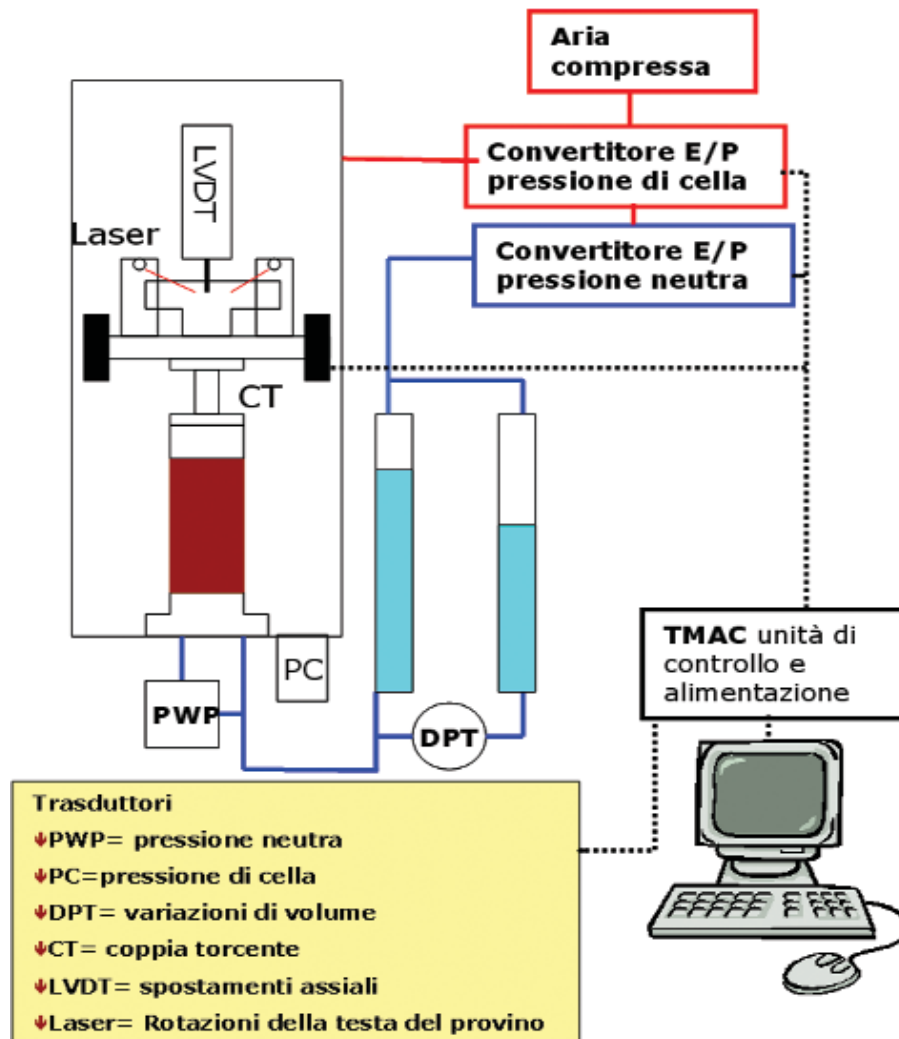


Figura A.2. Diagramma schematico del sistema di controllo e acquisizione di THOR



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2. Procedure sperimentali per le prove RC e CTS

Ciascun provino è stato sottoposto ad una prima fase di applicazione della sollecitazione sferica per ricondurre il provino alla tensione efficace stimata agente in sito.

Al termine di questa fase è stato poi applicato il carico torsionale $M(t)$, avente caratteristiche diverse in funzione del tipo di prova. In particolare, in relazione alla frequenza con la quale vengono fatte variare le sollecitazioni nel tempo, è possibile distinguere due tipi di prova: prove «cicliche» (torsione ciclica, CTS) e prove «dinamiche» propriamente dette (colonna risonante, RC).

I criteri di interpretazione delle prove in termini di rigidità e smorzamento sono variabili a seconda delle caratteristiche della sollecitazione torsionale applicata. Infatti, nelle prove TS l'effetto delle forze di inerzia è trascurabile e quindi l'interpretazione è di tipo «quasi statico», mentre per le prove RC è necessario fare riferimento a modelli d'analisi dinamici. I criteri descritti in seguito sono quelli pressoché universalmente adottati per l'interpretazione delle prove RC e CTS, conformi alle norme ASTM (ASTM D4015/92). Presso il DIGA sono state messe a punto, e vengono normalmente utilizzate, procedure di interpretazione più complesse, che si avvalgono della completa automazione e digitalizzazione delle prove. Queste procedure, ampiamente descritte altrove (Papa et al., 1988; Silvestri, 1991, d'Onofrio, 1996), tra l'altro consentono di aumentare l'affidabilità dei risultati anche quando il livello di deformazioni indagato è basso e quindi si è in presenza di un rapporto segnale/rumore non elevato. Per approfondimenti si rimanda a Silvestri (1991).

2.1 Prove di colonna risonante (RC)

Durante una prova di colonna risonante (Figura A.3) il provino è sottoposto ad una sollecitazione torsionale di ampiezza M costante e frequenza f variabile nel tempo:

$$M(t) = M \sin[2\pi ft]$$

Nell'attrezzatura utilizzata, l'estremità superiore del provino è libera, mentre la base è rigidamente vincolata al piedistallo fisso; in tal modo lo schema dinamico di riferimento è del tipo «a base fissa» o «fixed-free» (Woods, 1978).

Durante la prova, viene registrata la vibrazione della testa del provino in termini di rotazione, θ , rilevata a seconda dei casi da una coppia di sensori laser oppure da due coppie di trasduttori di prossimità. Tale misura viene convertita in deformazioni tangenziali, γ , mediante le opportune costanti di taratura (d'Onofrio, 1996). La risposta del provino risulta in ogni istante isofrequenziale con la sollecitazione, mentre l'ampiezza (θ o γ) varia in relazione alla frequenza, ed attinge il valore massimo quando vengono raggiunte le cosiddette "condizioni di risonanza" ($f = f_R$).

Il modulo tangenziale G viene dedotto dalla misura della velocità delle onde di taglio, V_s , ottenuta analizzando la risposta del sistema composto da provino e dispositivo di carico torsionale, sulla base di classici modelli teorici di vibrazione torsionale di solidi cilindrici (Richart et al, 1970). Dalla conoscenza delle caratteristiche fisico-geometriche del sistema, V_s e G si ricavano applicando le espressioni:

$$V_s = \frac{2\pi f L}{\beta}$$

$$G = \rho V_s^2$$

dove L indica l'altezza del provino e ρ la densità del terreno. La costante adimensionale β è funzione dell'inerzia polare di massa del provino, I , e di quella del sistema di eccitazione, I_0 , secondo l'equazione:

$$\frac{I}{I_0} = \beta \tan \beta$$

Dalla curva di risposta è possibile anche ricavare il fattore di smorzamento D , individuando i valori di frequenza (f_1, f_2) corrispondenti ad un'ampiezza di vibrazione pari a $\gamma_{\max}/\sqrt{2}$ (metodo della "semibanda di potenza"):

$$D_{hp} = \frac{f_2 - f_1}{2 f_R}$$

A causa della non linearità e della degradazione ciclica, questo criterio non sempre fornisce una valutazione attendibile del fattore di smorzamento D . In casi del genere si può, in alternativa, ricorrere al metodo basato sull'espressione analitica del



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<u>Committente</u>	Consorzio HirpiniaAV
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<u>Campione</u>	C1
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<u>Data apertura</u>	07/10/19
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fattore di risonanza (metodo del fattore di risonanza), cioè il rapporto tra il valore di picco, γ_{\max} , della curva di risposta $\gamma(f)$ e la rotazione statica corrispondente ad una coppia di eguale ampiezza M . Da esso si ricava D , una volta noti le ampiezze M e γ_{\max} , ed il valore di G già calcolato, con l'espressione seguente:

$$D_{rf} = \frac{M_0 \bar{R}}{2G\gamma_{\max}}$$

Questo metodo appare in genere più attendibile di quello precedente, perché meno sensibile agli effetti della non linearità e della degradazione ciclica del terreno.

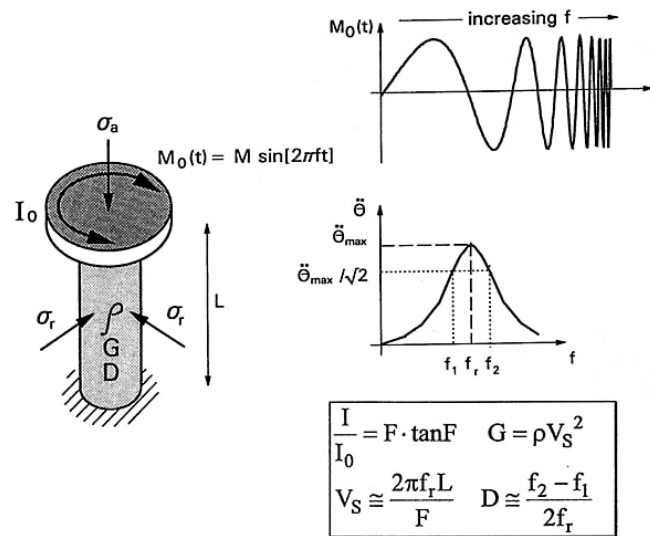


Figura A.3: Interpretazione delle prove di colonna risonante.



<u>Committente</u>	Consorzio HirpiniaAV
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2.2 Prova di torsione ciclica (CTS)

Durante una prova di torsione ciclica (Figura A.4), il provino viene sottoposto ad un momento torcente $M(t)$ variabile nel tempo con legge sinusoidale (di ampiezza e frequenza costanti) e si misura la rotazione della testa $\theta(t)$.

Le tracce temporali rappresentative di momenti e rotazioni vengono tradotte in termini di andamenti $\tau(t)$ e $\gamma(t)$, mediante le opportune costanti di taratura ed assumendo alcune ipotesi semplificative sulla distribuzione dello stato tensio-deformativo all'interno del provino.

Per ciascun ciclo di carico si individuano quindi i valori di picco della tensione e della deformazione tangenziali (τ_{max} e γ_{max}), e l'andamento del ciclo di isteresi risultante dall'accoppiamento di $\tau(t)$ e $\gamma(t)$.

I valori di G e D vengono calcolati utilizzando le relazioni:

$$G = \frac{\tau_{pp}}{\gamma_{pp}} \qquad D = \frac{W_d}{4\pi W_s}$$

Per l'interpretazione dei risultati relativi alle prove di torsione ciclica si è attribuita maggiore affidabilità a tecniche di regressione statistica ai bassi livelli di deformazione (adoperando una regressione sinusoidale, cfr. Papa et al., 1988); non appena i disturbi elettrici sono apparsi senz'altro trascurabili, si è ricorsi ai criteri ordinari (ampiezze picco-picco, area del ciclo di isteresi).

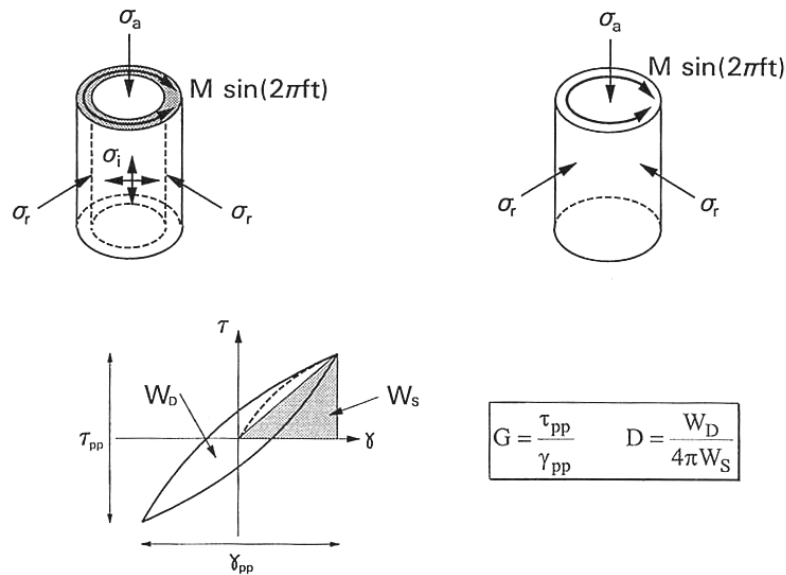


Figura A.4: Interpretazione delle prove di torsione ciclica.



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Laboratorio di Geotecnica

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<u>Data apertura</u>	07/10/19
<u>Operatore</u>	Alfredo Ponzo

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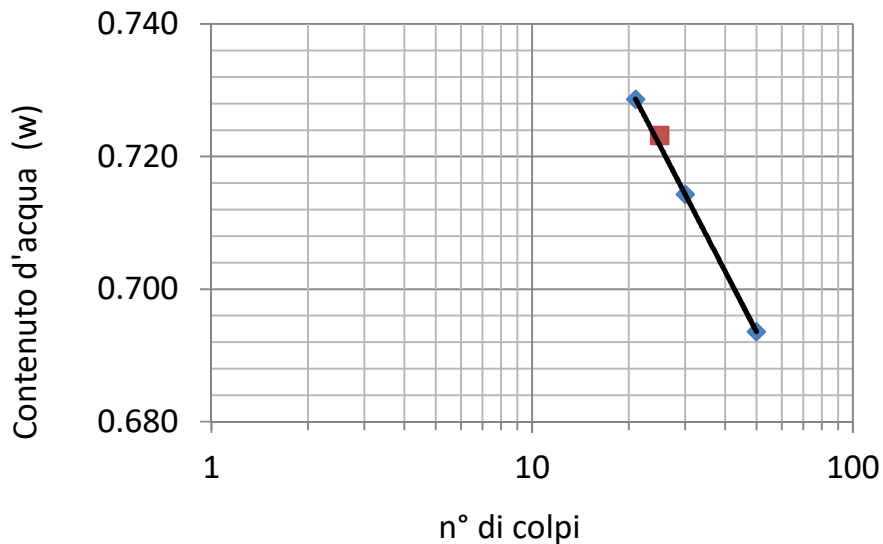
Il responsabile della sperimentazione
Prof. Ing. Anna d'Onofrio



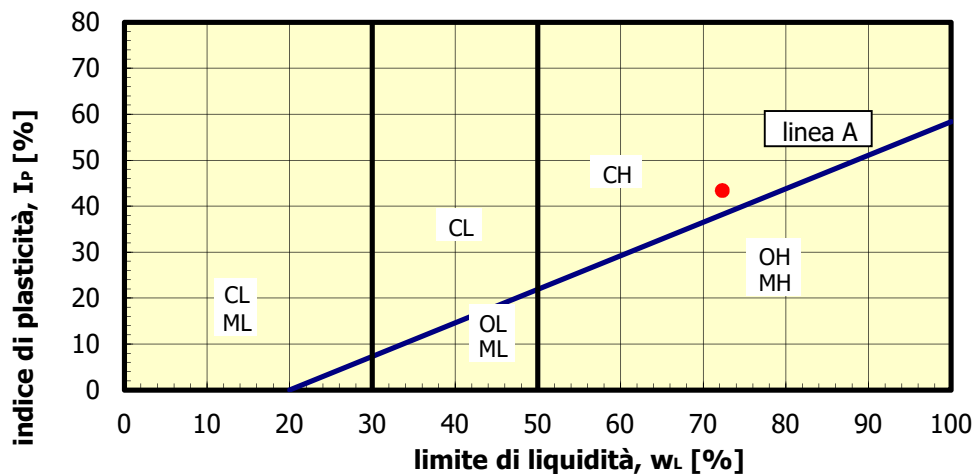
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Indagine	I lotto funzionale Apice-Hirpinia
Sondaggio	SN03
Campione	C2
Profondità	9.00-9.30
Data	14/10/2019
Operatore	Alfredo Ponzo

LIMITE DI PLASTICITA'				
pesafiltro n°	Tara	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[gr]	[gr]	[gr]	[-]
19	14.19	59.79	49.56	0.289
w_P				0.289

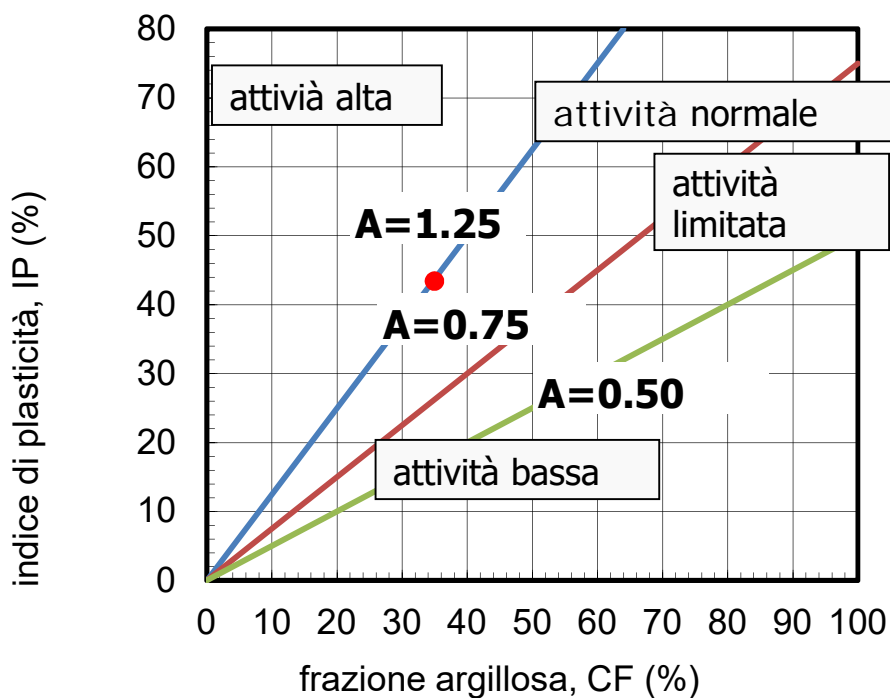
LIMITE DI LIQUIDITA' (Metodo di Casagrande ASTM)					
Pesafiltro n°	N° colpi (N)	Tara (P _c)	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[-]	[g]	[g]	[g]	[g]
38	21	8.67	44.92	29.64	0.729
124	30	11.35	40.63	28.43	0.714
58	50	11.65	40.61	28.75	0.694
Limite di liquidità ASTM (w_L)					0.723



Indice di plasticità (I _p)	Frazione argillosa CF (d < 2 μm)	Indice di attività (I _A)
[%]	[%]	[-]
43.39	35.000	1.24



ML	Limi inorganici da bassa a media plasticità	M = limi
CL	Argille inorganiche da bassa a media plasticità	C = argille
OL	Limi e argille organiche di bassa plasticità	O = sostanze organiche
MH	Limi inorganici di alta plasticità	L = bassa plasticità
CH	Argille inorganiche di alta plasticità	H = alta plasticità
OH	Argille organiche da media ad alta plasticità	



CONSISTENZA TERRENO A GRANA FINE		
w_L	I_p	I_c
[-]	[-]	[-]
72.314	43.39	1.66
COMPATTEZZA TERRENO A GRANA GROSSA		
e_{max}	e_{min}	D_r
[-]	[-]	[-]



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Campione	C2
Profondità	9.00-9.30
Data	14/10/2019
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Peso specifico del solido	
Peso specifico dell'acqua (γ_w) (g/cm ³)	1.000
picnometro n°	xx
Peso picnometro (P_p) (g)	42.54
Peso picnometro + acqua (P_{pw}) (g)	140.180
Volume picnometro (V_p) (cm ³)	97.64
Peso picnometro + terreno (P_{ps}) (g)	62.76
Peso terreno (P_s)	20.22
Peso picnometro + terreno + acqua (P_{psw}) (g)	153.000
Volume acqua aggiunta (V_w) (cm ³)	90.24
Volume terreno (V_s) (cm ³)	7.400
Peso specifico del terreno (γ_s) (kN/m ³)	26.794

Caratteristiche Fisiche Generali			
pesafiltro n°		175	199
Peso contenitore (P_c) (g)	29.43	11.61	11.36
Diametro (D) (mm)	35.46		
Altezza (H) (mm)	71.86		
Volume (V) (cm ³)	70.93		
Peso lordo umido (P_u) (g)	186.17	49.97	53.44
Peso lordo secco (P_s) (g)	164.16	44.74	48.2
Contenuto d'acqua (w)	0.16	0.16	0.14
Peso umido unità di volume (γ) (kN/m ³)	21.67		
Peso secco unità di volume (γ_d) (kN/m ³)	18.63		
Peso specifico del solido (γ_s) (kN/m ³)	26.79		
Porosità (n)	0.30		
Indice dei vuoti (e)	0.44		
Grado di Saturazione (S_r)	1.02		



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<u>Data apertura</u>	14/10/19
<u>Operatore</u>	Alfredo Ponzo

Diametro (mm):	97
Lunghezza (mm):	300
Data di apertura:	14/10/2019

Stato del Campione	Indisturbato	x
	Parzialmente Rimaneggiato	
	Rimaneggiato	

Descrizione: Argilla grigio piombo marnosa-scagliosa. Inclinazione delle scaglie ~ 45° sull'orizzontale. Scaglie talvolta indurite. Presenza di venature calcaree

Colore	Grigio piombo				
Plasticità	<input type="checkbox"/> Non Plastico	<input type="checkbox"/> Bassa	<input checked="" type="checkbox"/> Media alta	<input type="checkbox"/> Elevata	
Addensamento (Terreni granulari)	<input type="checkbox"/> Molto sciolto ($D_r=0.0\div0.2$)	<input type="checkbox"/> Sciolto ($D_r=0.2\div0.4$)	<input type="checkbox"/> Medio ($D_r=0.4\div0.6$)	<input type="checkbox"/> Denso ($D_r=0.6\div0.8$)	<input type="checkbox"/> Molto denso ($D_r=0.8\div1.0$)
Consistenza (Terreni coesivi)	<input type="checkbox"/> Molto molle ($I_c < 0.0$)	<input type="checkbox"/> Molle ($I_c=0.0\div0.5$)	<input type="checkbox"/> Media ($I_c=0.5\div1.0$)	<input checked="" type="checkbox"/> Consistente ($I_c > 1.0$)	<input type="checkbox"/> Molto consist. ($I_c >> 1.0$)
Grado di umidità	<input type="checkbox"/> Asciutto	<input type="checkbox"/> Poco Umido	<input checked="" type="checkbox"/> Umido	<input type="checkbox"/> Molto Umido	
Alterazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	
Struttura	Omogenea	<input type="checkbox"/> Stratificata	<input checked="" type="checkbox"/> Scagliosa	<input type="checkbox"/> Laminata	<input type="checkbox"/> Caotica
Fratturazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Moderata	<input type="checkbox"/> Elevata		
Cementazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	

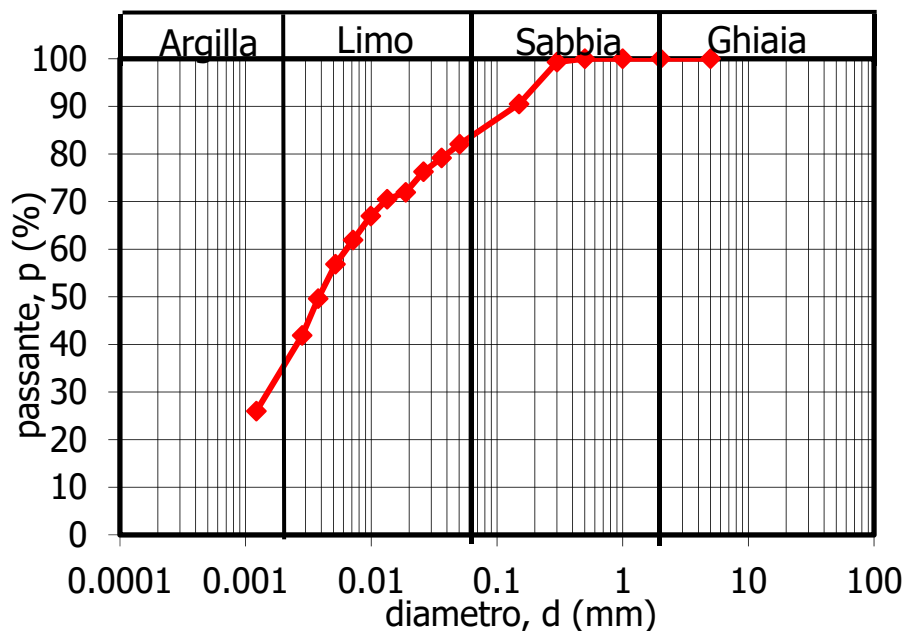
Proprietà fisiche			Proprietà meccaniche	
n,γ,w	X		Compressione uniassiale	
Analisi granulometrica	X		TX-UU	
Limiti	X		TX-CIU	
CaCO ₃			TX-CID	
Sostanze organiche			TX-Ciclica	
Peso specifico del solido			Taglio anulare	
Proctor			Taglio diretto	
CBR			RC TS	x
Altro _____			Altro _____	

Il responsabile della sperimentazione
 Prof. Ing. Anna d'Onofrio



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Curva granulometrica	
diametro (mm)	passante (%)
0.30	99.29
0.15	90.51
0.05	82.06
0.04	79.17
0.03	76.28
0.02	71.93
0.013	70.49
0.010	66.98
0.007	61.91
0.005	56.85
0.004	49.61
0.003	41.91
0.001	25.99

Limo con argilla sabbioso

peso secco totale (g)	peso secco sediment. (g)
53.85	53.85

STACCIATURA			SEDIMENTAZIONE		
d (mm)	peso trattenuto (g)	peso passante (g)	tempo (min)	temperatura (°C)	lettura areometro (g/cm3)
0.50	0.00	53.85		26	
0.30	0.38	53.47	0.5	26	1.029
0.15	5.11	48.74	1	26	1.028
			2	26	1.027
			4	26	1.0255
			8	26	1.025
			15	26.25	1.02375
			30	26.25	1.022
			60	26.25	1.02025
			120	26.25	1.01775
			240	23.5	1.0155
			1440	23.5	1.01

Gs= 2.790

%<0.075mm	%ghiaia	% sabbia	%limo	%argilla	D _{max} (mm)	D ₆₀ (mm)	D ₁₀ (mm)
85	0	17	48	35	0.50	0.01	

Normativa di riferimento : ASTM 422/90

il responsabile della sperimentazione

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Prova di TAGLIO TORSIONALE

Dati iniziali								
D (mm)	H (mm)	V (cm ³)	γ (kN/m ³)	w (%)	γ_s (kN/m ³)	e (/)	S _r (%)	p' (kPa)
35.56	72.15	71.82	21.16	15.94	27.04	0.481	91	200

Dati fine consolidazione								
D (mm)	H (mm)	V (cm ³)	γ (kN/m ³)	w (%)	γ_d (kN/m ³)	e (/)	S _r (%)	p' (kPa)
35.52	72.40	71.71	21.18	15.86	18.64	0.479	91	200

TAGLIO TORSIONALE					
γ (%)	G (MPa)	D (%)	f _r (Hz)	G/G ₀ (/)	Du/p'
3.94E-04	142.71	2.77	0.5	1.00	0.00
7.42E-04	142.71	3.03	0.5	1.00	0.00
1.48E-03	141.69	3.09	0.5	0.99	0.00
2.49E-03	140.67	3.61	0.5	0.99	0.00
3.52E-03	136.60	4.15	0.5	0.96	0.01
6.30E-03	132.52	4.59	0.5	0.93	0.01
8.70E-03	127.42	5.14	0.5	0.89	0.01
1.14E-02	122.32	5.84	0.5	0.86	0.01
1.13E-02	122.32	5.59	0.5	0.86	0.01
1.78E-02	116.21	7.16	0.5	0.81	0.01
3.52E-02	97.08	10.37	0.5	0.68	0.01
4.55E-02	89.85	11.41	0.5	0.63	0.01
4.65E-02	88.01	11.2	0.5	0.62	0.02
7.18E-02	74.62	13.83	0.5	0.52	0.02
1.14E-01	57.01	20.58	0.5	0.40	0.02
3.20E-01	24.31	35.63	0.5	0.17	0.03

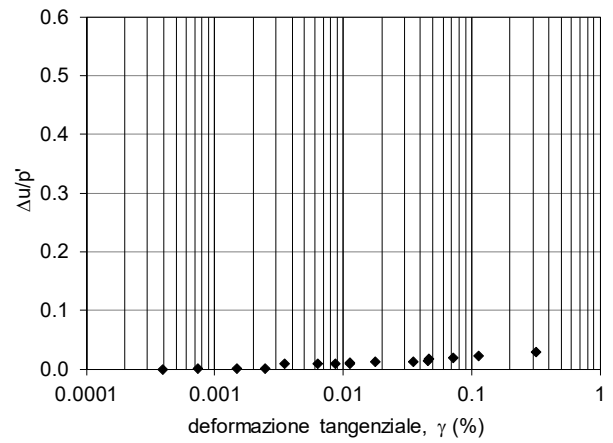
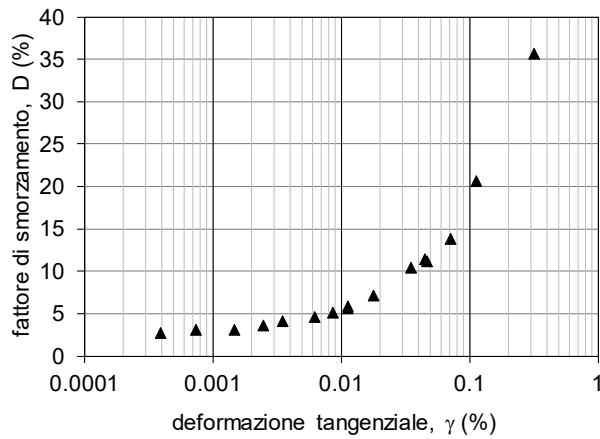
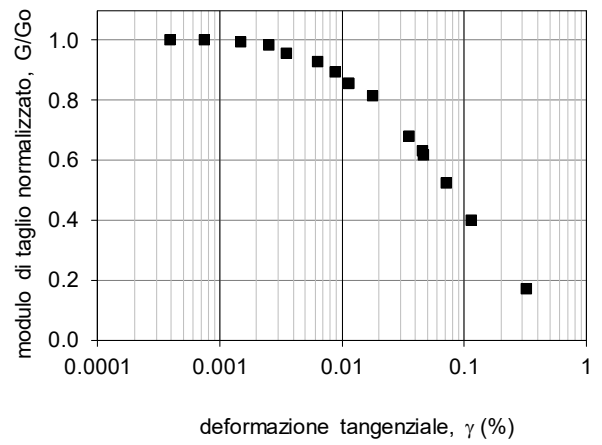
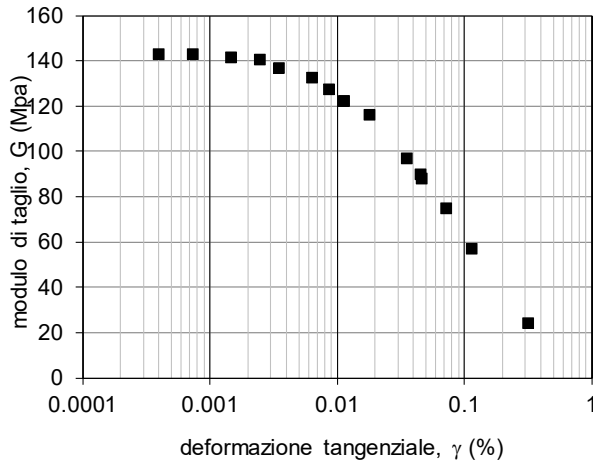


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APPENDICE

1. L'attrezzatura sperimentale per prove di taglio torsionale

L'apparecchiatura utilizzata è la cella di taglio torsionale THOR (Figura A.1), progettata e realizzata presso l'Università di Napoli Federico II (d'Onofrio, 1996) sulla base del prototipo originario di colonna risonante 'fixed-free' messo a punto presso l'Università del Texas di Austin (Isenhower, 1979; Ni, 1987). Le caratteristiche tecniche dell'apparecchiatura sono dettagliate da d'Onofrio et al. (1999). In Tabella A.1 sono sintetizzate le principali caratteristiche del sistema, ed in Figura A.2 uno schema della catena strumentale per il controllo e l'acquisizione.

Tipo di prova		Colonna risonante / Taglio torsionale
Nome dell'apparecchiatura		THOR
Provino	Diametro esterno	36mm
	Altezza	72mm
	Accuratezza nella misura delle dimensioni e del peso del provino	0.1 mm, 0.1gr
	Metodo di preparazione del provino	Fustellamento
	Saturazione	In cella via back-pressure
	Test di B	B > 0.95 mediando i valori ottenuti incrementando e decrementando la pressione di cella
	Contatto tra provino e apparecchiatura	Piastra rugosa avvitata nella testa di carico e pietra porosa di carburo di silicio avvitata al piedistallo
Sistema di applicazione dei carichi torcenti	Tipo	Motore elettromagnetico
Accuratezza del sistema di controllo	Pressione di cella	40 Pa attraverso convertitore E/P
	Contropressione	Senza controllo
	Sistema di applicazione dei carichi torcenti	Controllo in corrente risoluzione $1.6 \cdot 10^{-5}$ Nm (2 Pa per il provino \varnothing 36 mm) Fondo scala 5 Nm Non c'è effetto della forza elettromotrice indotta
Tipo di trasduttori utilizzati	Pressione di cella	Sensore di pressione di elevate prestazioni con membrana al silicone
	Contropressione	Trasduttore miniaturizzato con diaframma al silicone
	Pressione neutra	Trasduttore miniaturizzato con diaframma al silicone
	Coppia torcente	Cella torsionale a strain-gage
	Spostamenti assiali	LVDT in corrente continua
	Variazioni di volume	Trasduttore differenziale di pressione/ volumometro
	Accelerazioni	Accelerometro piezoelettrico
	Rotazioni	Laser /Proximitor
Accuratezza delle misure	Pressione di cella	1.5 Pa
	Contropressione	0.7 Pa
	Pressione interstiziale	0.7 Pa
	Coppia torcente	$6 \cdot 10^{-3}$ Nm
	Spostamenti assiali	1 μ m
	Variazioni di volume	0.0014 cm ³
	Rotazioni	$2.5 \cdot 10^{-7}$ rad (prox)

Tabella A.1. Principali caratteristiche della cella di taglio torsionale THOR.



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Figura A.1. L'apparecchiatura di taglio torsionale THOR.

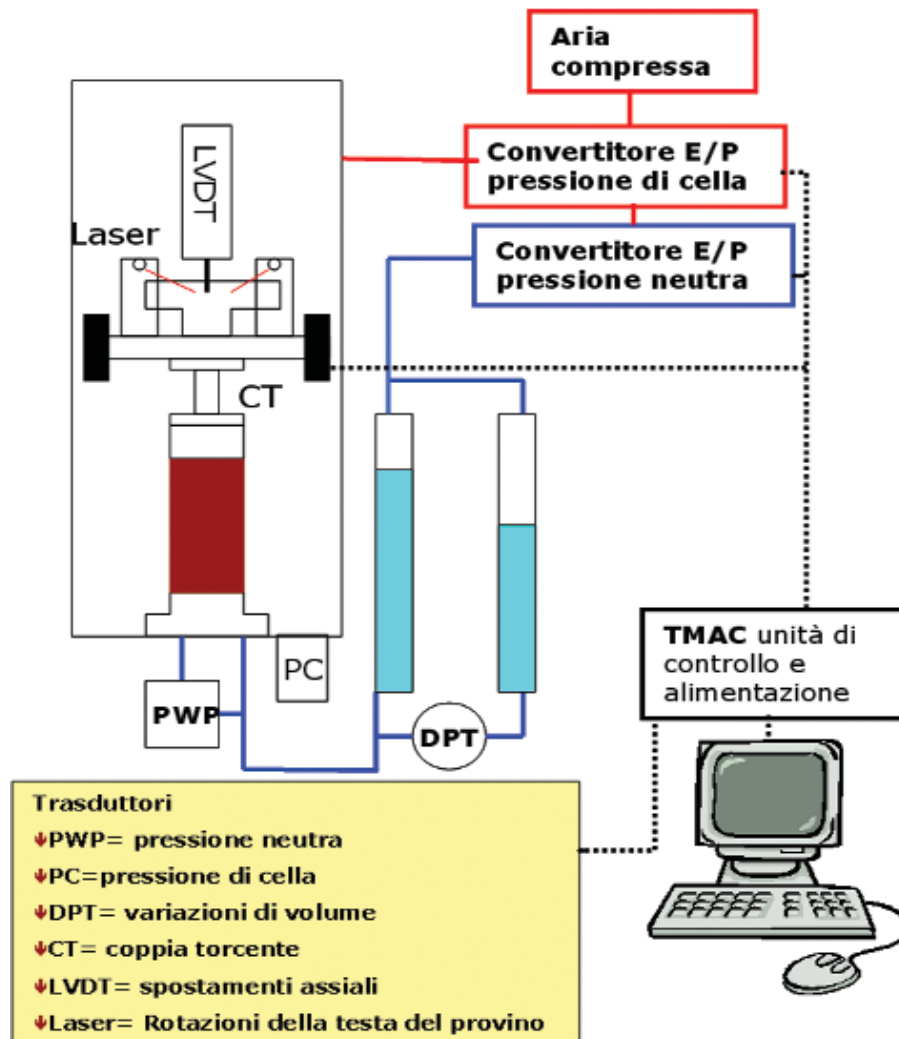


Figura A.2. Diagramma schematico del sistema di controllo e acquisizione di THOR



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2. Procedure sperimentali per le prove RC e CTS

Ciascun provino è stato sottoposto ad una prima fase di applicazione della sollecitazione sferica per ricondurre il provino alla tensione efficace stimata agente in sito.

Al termine di questa fase è stato poi applicato il carico torsionale $M(t)$, avente caratteristiche diverse in funzione del tipo di prova. In particolare, in relazione alla frequenza con la quale vengono fatte variare le sollecitazioni nel tempo, è possibile distinguere due tipi di prova: prove «cicliche» (torsione ciclica, CTS) e prove «dinamiche» propriamente dette (colonna risonante, RC).

I criteri di interpretazione delle prove in termini di rigidità e smorzamento sono variabili a seconda delle caratteristiche della sollecitazione torsionale applicata. Infatti, nelle prove TS l'effetto delle forze di inerzia è trascurabile e quindi l'interpretazione è di tipo «quasi statico», mentre per le prove RC è necessario fare riferimento a modelli d'analisi dinamici. I criteri descritti in seguito sono quelli pressoché universalmente adottati per l'interpretazione delle prove RC e CTS, conformi alle norme ASTM (ASTM D4015/92). Presso il DIGA sono state messe a punto, e vengono normalmente utilizzate, procedure di interpretazione più complesse, che si avvalgono della completa automazione e digitalizzazione delle prove. Queste procedure, ampiamente descritte altrove (Papa et al., 1988; Silvestri, 1991, d'Onofrio, 1996), tra l'altro consentono di aumentare l'affidabilità dei risultati anche quando il livello di deformazioni indagato è basso e quindi si è in presenza di un rapporto segnale/rumore non elevato. Per approfondimenti si rimanda a Silvestri (1991).

2.1 Prove di colonna risonante (RC)

Durante una prova di colonna risonante (Figura A.3) il provino è sottoposto ad una sollecitazione torsionale di ampiezza M costante e frequenza f variabile nel tempo:

$$M(t) = M \sin[2\pi ft]$$

Nell'attrezzatura utilizzata, l'estremità superiore del provino è libera, mentre la base è rigidamente vincolata al piedistallo fisso; in tal modo lo schema dinamico di riferimento è del tipo «a base fissa» o «fixed-free» (Woods, 1978).

Durante la prova, viene registrata la vibrazione della testa del provino in termini di rotazione, θ , rilevata a seconda dei casi da una coppia di sensori laser oppure da due coppie di trasduttori di prossimità. Tale misura viene convertita in deformazioni tangenziali, γ , mediante le opportune costanti di taratura (d'Onofrio, 1996). La risposta del provino risulta in ogni istante isofrequenziale con la sollecitazione, mentre l'ampiezza (θ o γ) varia in relazione alla frequenza, ed attinge il valore massimo quando vengono raggiunte le cosiddette "condizioni di risonanza" ($f = f_R$).

Il modulo tangenziale G viene dedotto dalla misura della velocità delle onde di taglio, V_s , ottenuta analizzando la risposta del sistema composto da provino e dispositivo di carico torsionale, sulla base di classici modelli teorici di vibrazione torsionale di solidi cilindrici (Richart et al, 1970). Dalla conoscenza delle caratteristiche fisico-geometriche del sistema, V_s e G si ricavano applicando le espressioni:

$$V_s = \frac{2\pi f L}{\beta}$$

$$G = \rho V_s^2$$

dove L indica l'altezza del provino e ρ la densità del terreno. La costante adimensionale β è funzione dell'inerzia polare di massa del provino, I , e di quella del sistema di eccitazione, I_0 , secondo l'equazione:

$$\frac{I}{I_0} = \beta \tan \beta$$

Dalla curva di risposta è possibile anche ricavare il fattore di smorzamento D , individuando i valori di frequenza (f_1, f_2) corrispondenti ad un'ampiezza di vibrazione pari a $\gamma_{max}/\sqrt{2}$ (metodo della "semibanda di potenza"):

$$D_{hp} = \frac{f_2 - f_1}{2 f_R}$$

A causa della non linearità e della degradazione ciclica, questo criterio non sempre fornisce una valutazione attendibile del fattore di smorzamento D . In casi del genere si può, in alternativa, ricorrere al metodo basato sull'espressione analitica del



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fattore di risonanza (metodo del fattore di risonanza), cioè il rapporto tra il valore di picco, γ_{\max} , della curva di risposta $\gamma(f)$ e la rotazione statica corrispondente ad una coppia di eguale ampiezza M. Da esso si ricava D, una volta noti le ampiezze M e γ_{\max} , ed il valore di G già calcolato, con l'espressione seguente:

$$D_{rf} = \frac{M_0 \bar{R}}{2G\gamma_{\max}}$$

Questo metodo appare in genere più attendibile di quello precedente, perché meno sensibile agli effetti della non linearità e della degradazione ciclica del terreno.

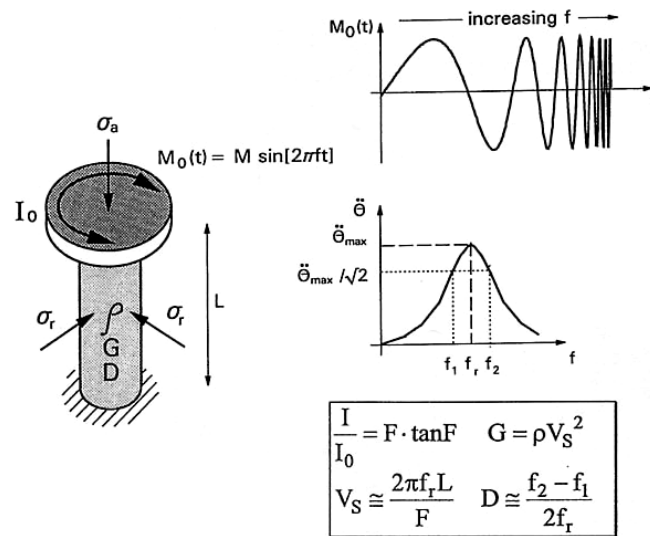


Figura A.3: Interpretazione delle prove di colonna risonante.



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2.2 Prova di torsione ciclica (CTS)

Durante una prova di torsione ciclica (Figura A.4), il provino viene sottoposto ad un momento torcente $M(t)$ variabile nel tempo con legge sinusoidale (di ampiezza e frequenza costanti) e si misura la rotazione della testa $\theta(t)$.

Le tracce temporali rappresentative di momenti e rotazioni vengono tradotte in termini di andamenti $\tau(t)$ e $\gamma(t)$, mediante le opportune costanti di taratura ed assumendo alcune ipotesi semplificative sulla distribuzione dello stato tensio-deformativo all'interno del provino.

Per ciascun ciclo di carico si individuano quindi i valori di picco della tensione e della deformazione tangenziali (τ_{max} e γ_{max}), e l'andamento del ciclo di isteresi risultante dall'accoppiamento di $\tau(t)$ e $\gamma(t)$.

I valori di G e D vengono calcolati utilizzando le relazioni:

$$G = \frac{\tau_{pp}}{\gamma_{pp}} \qquad D = \frac{W_d}{4\pi W_s}$$

Per l'interpretazione dei risultati relativi alle prove di torsione ciclica si è attribuita maggiore affidabilità a tecniche di regressione statistica ai bassi livelli di deformazione (adoperando una regressione sinusoidale, cfr. Papa et al., 1988); non appena i disturbi elettrici sono apparsi senz'altro trascurabili, si è ricorsi ai criteri ordinari (ampiezze picco-picco, area del ciclo di isteresi).

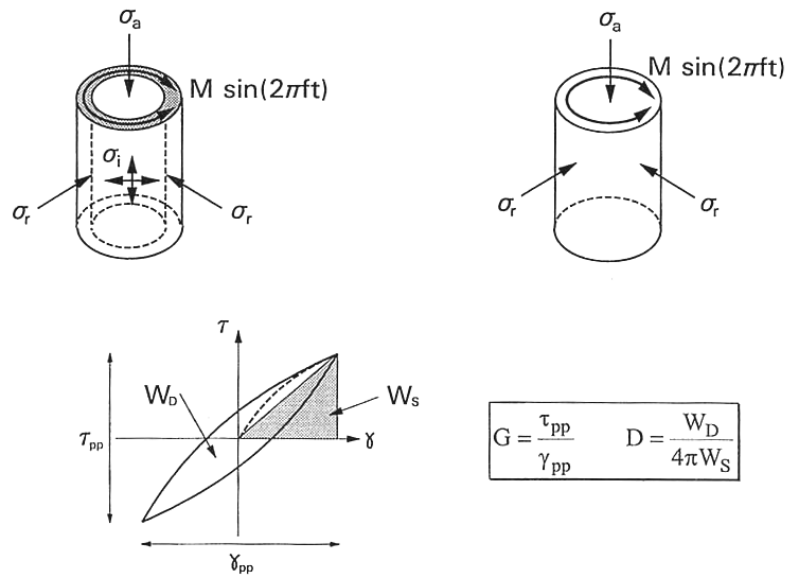


Figura A.4: Interpretazione delle prove di torsione ciclica.



Università degli Studi di Napoli Federico II
Dipartimento di Ingegneria Civile, Edile ed Ambientale
Laboratorio di Geotecnica

<u>Committente</u>	Consorzio HirpiniaAV
<u>Indagine</u>	I lotto funzionale Apice-Hirpinia
<u>Sondaggio</u>	SN03
<u>Campione</u>	C2
<u>Profondità</u>	9.00 ÷ 9.30 m
<u>Data apertura</u>	14/10/19
<u>Operatore</u>	Alfredo Ponzo

Riferimenti

AGI (1994) - *Raccomandazioni sulle prove geotecniche di laboratorio*

ASTM D422/90 - *Standard Test Method for particle-size analysis of soils.*

ASTM D4318 - *Standard Test Methods for liquid limit, plastic limit, and plasticity index of Soils.*

ASTM D2435/96 - *Standard Test Methods for one-dimensional consolidation properties of soils using incremental loading.*

ASTM D4015/92 - *Standard Test Methods for modulus and damping of soils by Resonant-Column method.*

d'Onofrio A. (1996) – *Comportamento meccanico dell'argilla di Vallericca in condizioni lontane dalla rottura* – Tesi di dottorato in Ingegneria Geotecnica, Università degli Studi di Napoli.

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Ni S. H. (1987) *Dynamic properties of sand under true triaxial stress states from Resonant Column/Torsional Shear tests* - Ph. D. dissertation, The University of Texas at Austin.

Papa V., Silvestri F., Vinale F. (1988) - *Recenti sviluppi e prospettive nelle tecniche di interpretazione di prove dinamiche di taglio semplice* - Atti del Convegno del Gruppo Nazionale di Coordinamento per gli Studi di Ingegneria Geotecnica, Monselice.

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