



Università degli Studi di Napoli Federico II
 Dipartimento di Ingegneria Civile, Edile ed Ambientale
 Laboratorio di Geotecnica

<u>Committente</u>	Consorzio HirpiniaAV
<u>Indagine</u>	I lotto funzionale Apice-Hirpinia
<u>Sondaggio</u>	SNME07
<u>Campione</u>	C3
<u>Profondità</u>	27.00 ÷ 27.70 m
<u>Data apertura</u>	13/12/19
<u>Operatore</u>	Alfredo Pozzo

Diametro (mm):	80
Lunghezza (mm):	700
Data di apertura:	13/12/2019

Stato del Campione	Indisturbato	x
	Parzialmente Rimaneggiato	
	Rimaneggiato	

Descrizione: Argilla varicolore scagliosa. Nella parte inferiore del campione (150 mm) è presente un elemento calcareo lapideo di diametro pari a quello della fustella

Colore	Grigio, rosso e verde				
Plasticità	<input type="checkbox"/> Non Plastico	<input type="checkbox"/> Bassa	<input type="checkbox"/> Media alta	<input checked="" type="checkbox"/> Elevata	
Addensamento (Terreni granulari)	<input type="checkbox"/> Molto sciolto ($D_r=0.0\div0.2$)	<input type="checkbox"/> Sciolto ($D_r=0.2\div0.4$)	<input type="checkbox"/> Medio ($D_r=0.4\div0.6$)	<input type="checkbox"/> Denso ($D_r=0.6\div0.8$)	<input type="checkbox"/> Molto denso ($D_r=0.8\div1.0$)
Consistenza (Terreni coesivi)	<input type="checkbox"/> Molto molle ($I_c < 0.0$)	<input type="checkbox"/> Molle ($I_c=0.0\div0.5$)	<input type="checkbox"/> Media ($I_c=0.5\div1.0$)	<input checked="" type="checkbox"/> Consistente ($I_c > 1.0$)	<input type="checkbox"/> Molto consist. ($I_c >> 1.0$)
Grado di umidità	<input type="checkbox"/> Asciutto	<input type="checkbox"/> Poco Umido	<input checked="" type="checkbox"/> Umido	<input type="checkbox"/> Molto Umido	
Alterazione	<input checked="" type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	
Struttura	<input type="checkbox"/> Omogenea	<input type="checkbox"/> Stratificata	<input checked="" type="checkbox"/> Scagliosa	<input type="checkbox"/> Laminata	<input checked="" type="checkbox"/> Caotica
Fratturazione	<input type="checkbox"/> Assente	<input type="checkbox"/> Moderata	<input type="checkbox"/> Elevata		
Cementazione	<input type="checkbox"/> Assente	<input type="checkbox"/> Debole	<input type="checkbox"/> Media	<input type="checkbox"/> Elevata	

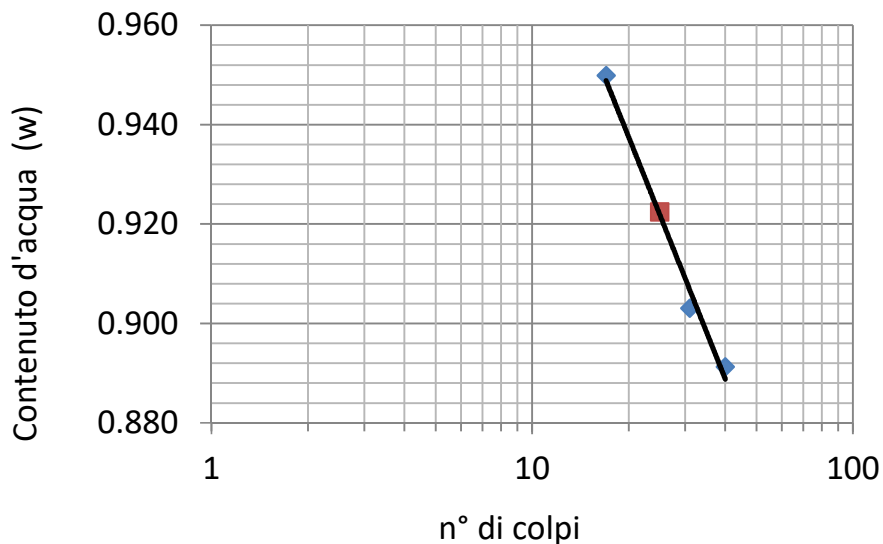
Proprietà fisiche			Proprietà meccaniche	
n,γ,w	X		Compressione uniaassiale	
Analisi granulometrica	X		TX-UU	
Limiti	X		TX-CIU	x
CaCO ₃			TX-CID	
Sostanze organiche			TX-Ciclica	x
Peso specifico del solido			Taglio anulare	
Proctor			Taglio diretto	
CBR			RC TS	
Altro _____			Altro _____	



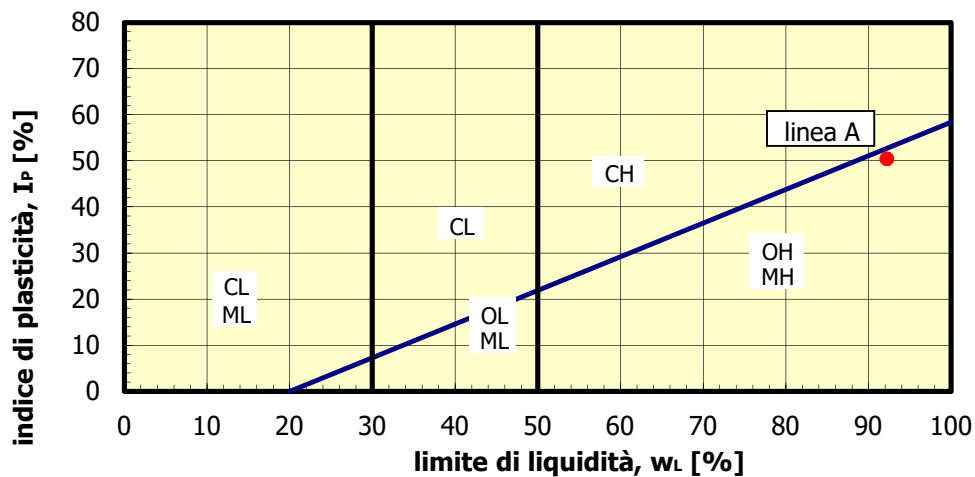
Committente	Consorzio HirpiniaAV
Indagine	I lotto funzionale Apice-Hirpinia
Sondaggio	SNME07
Campione	C3
Profondità	27.00-27.70
Data	13/12/2019
Operatore	Alfredo Ponzo

LIMITE DI PLASTICITA'				
pesafiltro n°	Tara	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[gr]	[gr]	[gr]	[-]
20	15.56	48.69	38.93	0.418
w_P				0.418

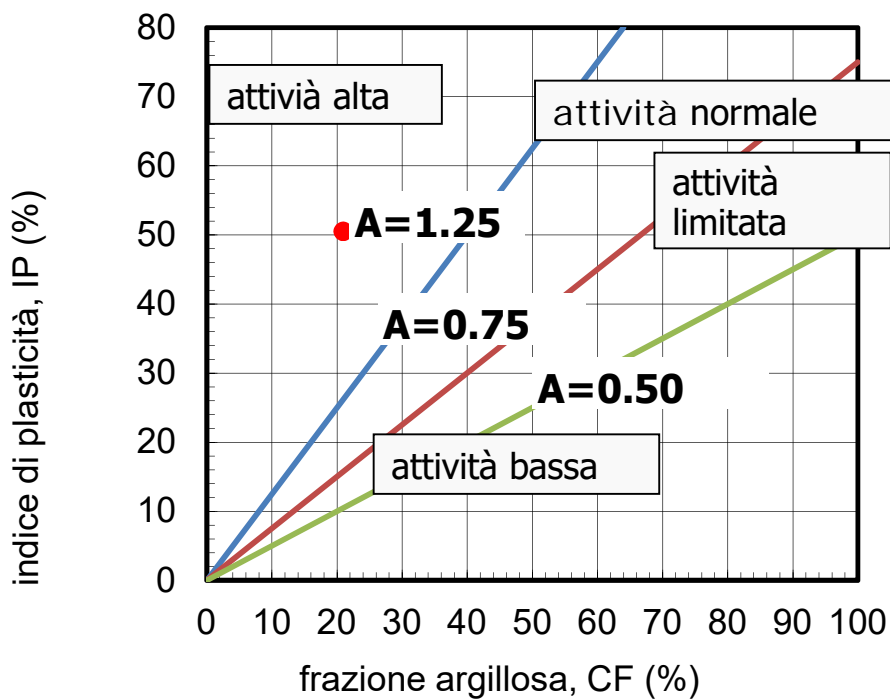
LIMITE DI LIQUIDITA' (Metodo di Casagrande ASTM)					
Pesafiltro n°	N° colpi (N)	Tara (P _c)	Peso lordo umido (P _u)	Peso lordo secco (P _s)	Contenuto d'acqua (w)
[-]	[-]	[g]	[g]	[g]	[g]
86	31	11.63	37.55	25.25	0.903
94	40	11.53	40.24	26.71	0.891
20	17	8.82	38.4	23.99	0.950
25	Limite di liquidità ASTM (w_L)				0.922



Indice di plasticità (I _p)	Frazione argillosa CF (d < 2 μm)	Indice di attività (I _A)
[%]	[%]	[-]
50.47	21.000	2.40



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



CONSISTENZA TERRENO A GRANA FINE		
w_L	I_p	I_c
[-]	[-]	[-]
92.238	50.47	1.82
COMPATTEZZA TERRENO A GRANA GROSSA		
e_{max}	e_{min}	D_r
[-]	[-]	[-]



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Profondità	27.00-27.70
Data	13/12/2019
Operatore	Alfredo Ponzio

Peso specifico del solido	
Peso specifico dell'acqua (γ_w) (g/cm ³)	1.000
picnometro n°	18.000
Peso picnometro (P_p) (g)	59.76
Peso picnometro + acqua (P_{pw}) (g)	158.160
Volume picnometro (V_p) (cm ³)	98.4
Peso picnometro + terreno (P_{ps}) (g)	74.84
Peso terreno (P_s)	15.08
Peso picnometro + terreno + acqua (P_{psw}) (g)	167.860
Volume acqua aggiunta (V_w) (cm ³)	93.02
Volume terreno (V_s) (cm ³)	5.380
Peso specifico del terreno (γ_s) (kN/m ³)	27.486

Caratteristiche Fisiche Generali		
pesafiltro n°	23	185
Peso contenitore (P_c) (g)	15.56	14.19
Diametro (D) (mm)	35.52	
Altezza (H) (mm)	71.94	
Volume (V) (cm ³)	71.25	
Peso lordo umido (P_u) (g)	151.78	156.5
Peso lordo secco (P_s) (g)	122.60	131.1
Contenuto d'acqua (w)	0.27	0.22
Peso umido unità di volume (γ) (kN/m ³)	18.75	
Peso secco unità di volume (γ_d) (kN/m ³)	14.73	
Peso specifico del solido (γ_s) (kN/m ³)	27.49	
Porosità (n)	0.46	
Indice dei vuoti (e)	0.87	
Grado di Saturazione (S_r)	0.88	

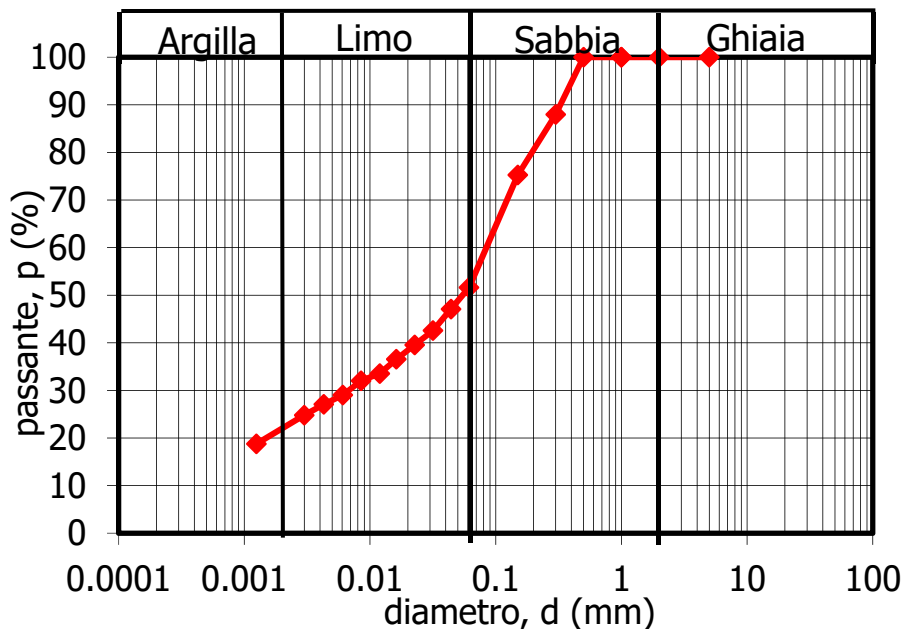
il responsabile della sperimentazione

Anna d'Onofrio
prof. Ing. Anna d'Onofrio



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

Committente	Consorzio HirpiniaAV
Indagine	I lotto funzionale Apice-Hirpinia
Sondaggio	SNME07
Campione	C3
Profondità	27.00 ÷ 27.70 m
Data	18/12/2019
Operatore	Alfredo Pozzo



diametro (mm)	passante (%)
1.000	100.00
0.500	100.00
0.300	87.97
0.150	75.27
0.061	51.62
0.044	47.10
0.032	42.58
0.023	39.56
0.016	36.55
0.012	33.54
0.008	32.03
0.006	29.02
0.004	27.07
0.003	24.79
0.001	18.77

sabbia con limo argilloso

peso secco totale (g)	peso secco sediment. (g)
51.60	51.60

STACCIATURA			SEDIMENTAZIONE		
d (mm)	peso trattenuto (g)	peso passante (g)	tempo (min)	temperatura (°C)	lettura areometro (g/cm ³)
1.00	0.00	51.60		21	
0.50	0.00	51.60	0.5	21	1.0185
0.30	6.21	45.39	1	21	1.017
0.15	12.76	38.84	2	21	1.0155
			4	21	1.0145
			8	21	1.0135
			15	21	1.0125
			30	21	1.012
			60	21	1.011
			120	21.75	1.01025
			240	23.5	1.00925
			1440	23.5	1.00725

G_s= 2.803

%<0.075mm	%ghiaia	%sabbia	%limo	%argilla	D _{max} (mm)	D ₆₀ (mm)	D ₁₀ (mm)
58	0	50	29	21	0.50	0.850	

Normativa di riferimento : ASTM 422/90

il responsabile della sperimentazione

prof. Ing. Anna d'Onofrio



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

Prova Compressione Triassiale n.		Celle n.
Prova tipo	TXC	
Committente	Consorzio Hirpinia AV	
Indagine	I lotto funzionale Apice-Hirpinia	
Sondaggio	SNME07	
Campione	C3	
Profondità	27.00 ÷ 27.70 m	

Condizioni inizio prova		Consolidazione		Condizioni fine prova	
		Pressione di cella σ_c kPa	650		
altezza h_0 mm	76.50	Contropressione u_0 kPa	200	altezza h mm	76.30
diametro d mm	37.80	Tensione effettiva σ'_c kPa	450	diametro d mm	37.70
peso umido iniziale g	177.91			Pesafiltro n° 37 g	15.56
Peso specifico γ_s kN/m ³	27.19			Pf + prov. umido g	195.43
Peso secco dell'udv γ_d kN/m ³	16.80			Pf + prov.secco g	162.59
Contenuto d'acqua w	0.210			Peso specifico γ_s kN/m ³	27.19
Peso umido dell'udv γ kN/m ³	20.33			Peso secco dell'udv γ_d kN/m ³	16.93
Indice dei vuoti e	0.618			Contenuto d'acqua w	0.223
Grado di saturazione S_r	0.9			Peso umido dell'udv γ kN/m ³	20.72
				Indice dei vuoti e	0.606
				Grado di saturazione S_r	1.0

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
tempo	cella di carico	u	LVDT	tempo	cella di carico	u	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
0.00	0.006	200.1	0	0.00	0.007	228.1	-0.1509
0.08	0.006	200.1	0	0.08	0.014	228.2	-0.1491
0.17	0.012	200.2	0.0009	0.17	0.016	228.3	-0.1473
0.27	0.017	200.2	0.0018	0.25	0.022	228.4	-0.1456
0.33	0.019	200.2	0.0018	0.33	0.028	228.5	-0.1438
0.42	0.026	200.3	0.0027	0.42	0.035	228.8	-0.142
0.50	0.025	200.3	0.0027	0.50	0.039	228.9	-0.1385
0.58	0.033	200.4	0.0036	0.58	0.043	229	-0.1367
0.67	0.034	200.5	0.0044	0.67	0.05	229.2	-0.1349
0.75	0.039	200.5	0.0053	0.75	0.053	229.3	-0.1331
0.83	0.041	200.6	0.0062	0.83	0.056	229.4	-0.1314
0.92	0.042	200.7	0.0062	0.93	0.066	229.6	-0.1287
1.00	0.046	200.7	0.0071	1.00	0.072	229.8	-0.1269
1.08	0.053	200.8	0.008	1.08	0.075	229.9	-0.1234
1.17	0.057	200.9	0.0089	1.17	0.083	230.1	-0.1207
1.25	0.06	201	0.0107	1.25	0.084	230.2	-0.1198
1.33	0.067	201	0.0115	1.33	0.092	230.5	-0.1172
1.42	0.067	201.1	0.0115	1.42	0.093	230.6	-0.1145
1.50	0.065	201.2	0.0124	1.50	0.098	230.8	-0.1127
1.58	0.072	201.3	0.0133	1.58	0.104	230.9	-0.111
1.67	0.078	201.4	0.0151	1.67	0.107	231.1	-0.1092
1.75	0.081	201.5	0.016	1.75	0.115	231.2	-0.1056
1.83	0.084	201.6	0.0178	1.83	0.12	231.4	-0.1047
1.92	0.087	201.7	0.0186	1.92	0.124	231.6	-0.103
2.00	0.092	201.8	0.0195	2.00	0.127	231.7	-0.0994
2.08	0.094	201.9	0.0213	2.08	0.131	231.8	-0.0976
2.17	0.1	202	0.0231	2.17	0.136	232	-0.095
2.25	0.1	202.1	0.024	2.25	0.139	232.1	-0.0932
2.33	0.105	202.2	0.0257	2.33	0.144	232.3	-0.0914
2.42	0.108	202.3	0.0266	2.43	0.149	232.4	-0.0897
2.50	0.109	202.4	0.0275	2.50	0.153	232.6	-0.0879
2.58	0.112	202.5	0.0293	2.58	0.157	232.8	-0.0852
2.67	0.118	202.6	0.0311	2.67	0.159	232.9	-0.0834
2.75	0.119	202.7	0.032	2.75	0.167	233.1	-0.0817
2.83	0.12	202.8	0.0337	2.83	0.17	233.3	-0.0808
2.92	0.126	202.9	0.0346	2.92	0.174	233.4	-0.0772
3.00	0.129	203	0.0364	3.00	0.176	233.5	-0.0763
3.08	0.128	203.1	0.0373	3.08	0.181	233.7	-0.0746
3.18	0.133	203.3	0.0391	3.17	0.181	233.8	-0.0737
3.25	0.136	203.4	0.0408	3.25	0.184	233.9	-0.0719
3.33	0.139	203.5	0.0417	3.33	0.192	234	-0.0701
3.42	0.139	203.6	0.0426	3.42	0.194	234.2	-0.0683
3.50	0.141	203.7	0.0444	3.50	0.196	234.4	-0.0657
3.58	0.146	203.9	0.0453	3.58	0.2	234.5	-0.0639
3.67	0.147	204	0.047	3.67	0.203	234.7	-0.063
3.75	0.149	204.1	0.0479	3.75	0.206	234.8	-0.0612
3.83	0.151	204.1	0.0488	3.85	0.208	234.9	-0.0595
3.92	0.154	204.3	0.0506	3.92	0.21	235	-0.0586
4.00	0.152	204.3	0.0515	4.00	0.216	235.2	-0.0568
4.08	0.157	204.4	0.0533	4.08	0.218	235.3	-0.055
4.17	0.158	204.6	0.0541	4.17	0.219	235.4	-0.0541
4.25	0.161	204.7	0.0559	4.25	0.223	235.5	-0.0524

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
4.33	0.163	204.8	0.0568	4.33	0.223	235.7	-0.0515
4.42	0.161	204.8	0.0577	4.42	0.226	235.8	-0.0497
4.50	0.163	204.9	0.0586	4.50	0.228	235.9	-0.0479
4.60	0.167	205.1	0.0604	4.58	0.229	236	-0.047
4.67	0.165	205.2	0.0612	4.67	0.23	236.1	-0.0453
4.75	0.168	205.2	0.0621	4.75	0.234	236.2	-0.0444
4.83	0.17	205.3	0.0639	4.83	0.234	236.3	-0.0435
4.92	0.17	205.4	0.0639	4.92	0.236	236.5	-0.0426
5.00	0.17	205.5	0.0648	5.00	0.235	236.6	-0.0408
5.08	0.171	205.6	0.0657	5.08	0.238	236.7	-0.0399
5.17	0.173	205.7	0.0666	5.17	0.239	236.7	-0.0391
5.25	0.173	205.8	0.0675	5.25	0.239	236.8	-0.0382
5.33	0.174	205.8	0.0683	5.33	0.239	236.9	-0.0373
5.42	0.175	205.9	0.0692	5.42	0.242	237	-0.0364
5.50	0.174	205.9	0.0692	5.50	0.242	237.1	-0.0355
5.58	0.175	206	0.0701	5.58	0.241	237.2	-0.0346
5.67	0.177	206.1	0.071	5.67	0.241	237.3	-0.0346
5.75	0.175	206.1	0.0719	5.75	0.244	237.3	-0.0337
5.83	0.175	206.2	0.0719	5.83	0.242	237.4	-0.0337
5.92	0.176	206.3	0.0719	5.92	0.241	237.5	-0.0328
6.00	0.175	206.3	0.0728	6.00	0.241	237.5	-0.032
6.10	0.174	206.4	0.0728	6.08	0.242	237.6	-0.032
6.17	0.175	206.4	0.0737	6.17	0.241	237.7	-0.032
6.25	0.174	206.5	0.0737	6.25	0.242	237.7	-0.032
6.33	0.174	206.5	0.0737	6.33	0.24	237.8	-0.032
6.42	0.173	206.6	0.0737	6.42	0.239	237.8	-0.0311
6.50	0.173	206.6	0.0746	6.50	0.239	237.9	-0.0311
6.58	0.172	206.7	0.0746	6.58	0.238	237.9	-0.0311
6.67	0.171	206.7	0.0746	6.67	0.236	237.9	-0.0311
6.75	0.17	206.7	0.0746	6.77	0.236	238	-0.0311
6.83	0.171	206.8	0.0746	6.83	0.231	238	-0.032
6.92	0.168	206.8	0.0746	6.92	0.229	238	-0.032
7.00	0.168	206.8	0.0746	7.00	0.227	238.1	-0.032
7.08	0.166	206.8	0.0746	7.08	0.226	238.1	-0.032
7.17	0.165	206.8	0.0737	7.17	0.226	238.1	-0.032
7.25	0.163	206.9	0.0737	7.25	0.221	238.2	-0.0328
7.33	0.162	206.9	0.0737	7.33	0.22	238.2	-0.0328
7.42	0.161	206.9	0.0737	7.42	0.219	238.2	-0.0328
7.52	0.16	206.9	0.0737	7.50	0.216	238.2	-0.0337
7.58	0.156	206.9	0.0728	7.58	0.215	238.2	-0.0337
7.67	0.155	206.9	0.0728	7.67	0.212	238.2	-0.0337
7.75	0.154	206.9	0.0728	7.75	0.211	238.2	-0.0346
7.83	0.151	206.9	0.0719	7.83	0.207	238.1	-0.0346
7.92	0.15	206.9	0.0719	7.92	0.203	238.1	-0.0355
8.00	0.146	206.9	0.0719	8.00	0.201	238.1	-0.0364
8.08	0.141	206.9	0.071	8.08	0.198	238.1	-0.0364
8.17	0.141	206.9	0.071	8.17	0.193	238.1	-0.0373
8.25	0.137	206.9	0.0701	8.25	0.192	238.1	-0.0373
8.33	0.138	206.9	0.0701	8.33	0.187	238	-0.0382
8.42	0.136	206.9	0.0701	8.42	0.183	238	-0.0382
8.50	0.134	206.9	0.0692	8.50	0.179	238	-0.0399
8.58	0.13	206.9	0.0692	8.58	0.177	237.9	-0.0399
8.67	0.127	206.9	0.0683	8.67	0.175	237.9	-0.0408
8.75	0.127	206.9	0.0683	8.75	0.17	237.9	-0.0417
8.83	0.122	206.8	0.0675	8.83	0.165	237.8	-0.0426
8.92	0.12	206.8	0.0666	8.92	0.162	237.7	-0.0435
9.02	0.117	206.8	0.0666	9.00	0.158	237.7	-0.0435
9.08	0.115	206.7	0.0657	9.08	0.157	237.7	-0.0444
9.17	0.112	206.7	0.0657	9.17	0.152	237.6	-0.0453
9.25	0.109	206.7	0.0648	9.25	0.147	237.5	-0.0462

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
9.33	0.104	206.6	0.0639	9.33	0.141	237.5	-0.047
9.42	0.103	206.6	0.063	9.42	0.136	237.4	-0.0479
9.50	0.098	206.6	0.063	9.50	0.133	237.3	-0.0497
9.58	0.095	206.5	0.0621	9.58	0.13	237.2	-0.0497
9.67	0.092	206.5	0.0612	9.68	0.124	237.2	-0.0515
9.75	0.089	206.4	0.0604	9.75	0.123	237.1	-0.0524
9.83	0.085	206.4	0.0595	9.83	0.116	237	-0.0533
9.92	0.084	206.4	0.0595	9.92	0.111	236.9	-0.055
10.00	0.08	206.3	0.0586	10.00	0.106	236.8	-0.0559
10.08	0.075	206.3	0.0577	10.08	0.101	236.7	-0.0577
10.17	0.071	206.2	0.0568	10.17	0.097	236.6	-0.0586
10.25	0.068	206.1	0.0559	10.25	0.091	236.5	-0.0595
10.33	0.064	206.1	0.055	10.33	0.085	236.4	-0.0612
10.43	0.061	206	0.0541	10.42	0.083	236.3	-0.063
10.50	0.057	205.9	0.0533	10.50	0.077	236.2	-0.0648
10.58	0.054	205.9	0.0515	10.58	0.073	236.1	-0.0657
10.67	0.051	205.8	0.0515	10.67	0.068	235.9	-0.0683
10.75	0.046	205.8	0.0497	10.75	0.062	235.8	-0.0701
10.83	0.043	205.7	0.0497	10.83	0.053	235.7	-0.071
10.92	0.041	205.6	0.0479	10.92	0.053	235.5	-0.0728
11.00	0.036	205.6	0.047	11.00	0.047	235.4	-0.0754
11.08	0.029	205.5	0.047	11.10	0.04	235.3	-0.0772
11.17	0.03	205.4	0.0462	11.17	0.035	235.2	-0.079
11.25	0.027	205.3	0.0453	11.25	0.032	235	-0.0808
11.33	0.02	205.2	0.0435	11.33	0.026	234.9	-0.0826
11.42	0.02	205.2	0.0426	11.42	0.019	234.7	-0.0852
11.50	0.016	205.1	0.0417	11.50	0.015	234.6	-0.087
11.58	0.01	205	0.0408	11.58	0.012	234.4	-0.0888
11.67	0.005	204.9	0.0391	11.67	0.005	234.3	-0.0914
11.75	0.004	204.8	0.0382	11.75	-0.005	234.2	-0.0932
11.83	0.001	204.8	0.0373	11.83	-0.006	233.9	-0.095
11.92	-0.005	204.7	0.0355	11.92	-0.011	233.8	-0.0985
12.00	-0.009	204.5	0.0346	12.00	-0.016	233.6	-0.1003
12.08	-0.009	204.5	0.0328	12.08	-0.023	233.5	-0.103
12.17	-0.017	204.4	0.0311	12.17	-0.026	233.3	-0.1056
12.25	-0.019	204.3	0.0302	12.25	-0.033	233.2	-0.1083
12.33	-0.024	204.2	0.0284	12.33	-0.038	233	-0.1101
12.42	-0.026	204.1	0.0275	12.42	-0.045	232.7	-0.1118
12.50	-0.032	204	0.0266	12.50	-0.048	232.6	-0.1163
12.58	-0.033	203.9	0.0257	12.60	-0.051	232.4	-0.1181
12.67	-0.037	203.8	0.0231	12.67	-0.059	232.2	-0.1216
12.75	-0.042	203.7	0.0222	12.75	-0.062	232.1	-0.1234
12.83	-0.046	203.6	0.0204	12.83	-0.067	231.9	-0.126
12.92	-0.046	203.6	0.0195	12.92	-0.072	231.7	-0.1287
13.00	-0.051	203.4	0.0178	13.00	-0.079	231.5	-0.1323
13.08	-0.056	203.3	0.016	13.08	-0.082	231.4	-0.134
13.17	-0.061	203.2	0.0151	13.17	-0.087	231.2	-0.1367
13.25	-0.06	203.1	0.0133	13.25	-0.092	231.1	-0.1394
13.35	-0.066	203	0.0107	13.33	-0.102	230.8	-0.1411
13.42	-0.069	202.9	0.0089	13.42	-0.103	230.6	-0.1456
13.50	-0.074	202.8	0.008	13.50	-0.106	230.5	-0.1482
13.58	-0.076	202.7	0.0053	13.58	-0.112	230.3	-0.1509
13.67	-0.079	202.6	0.0036	13.67	-0.115	230.2	-0.1536
13.75	-0.083	202.5	0.0009	13.75	-0.119	230	-0.1562
13.83	-0.085	202.4	-0.0009	13.83	-0.128	229.8	-0.158
13.92	-0.088	202.4	-0.0027	13.92	-0.13	229.6	-0.1607
14.00	-0.092	202.3	-0.0053	14.02	-0.133	229.5	-0.1642
14.08	-0.096	202.1	-0.0071	14.08	-0.136	229.3	-0.1669
14.17	-0.097	202	-0.0107	14.17	-0.141	229.2	-0.1687
14.25	-0.103	201.9	-0.0133	14.25	-0.144	229	-0.1713

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
14.33	-0.102	201.9	-0.0151	14.33	-0.15	228.9	-0.174
14.42	-0.108	201.8	-0.0186	14.42	-0.153	228.8	-0.1766
14.50	-0.107	201.7	-0.0213	14.50	-0.158	228.7	-0.1784
14.58	-0.113	201.6	-0.024	14.58	-0.16	228.6	-0.1802
14.67	-0.116	201.5	-0.0266	14.67	-0.164	228.5	-0.1829
14.77	-0.118	201.4	-0.0311	14.75	-0.17	228.4	-0.1846
14.83	-0.122	201.4	-0.0346	14.83	-0.172	228.3	-0.1864
14.92	-0.122	201.3	-0.0364	14.92	-0.175	228	-0.19
15.00	-0.124	201.2	-0.0391	15.00	-0.177	228	-0.1917
15.08	-0.126	201.1	-0.0435	15.08	-0.182	227.9	-0.1944
15.17	-0.129	201	-0.047	15.17	-0.184	227.8	-0.1971
15.25	-0.132	201	-0.0506	15.25	-0.188	227.6	-0.1997
15.33	-0.134	200.9	-0.0541	15.33	-0.192	227.5	-0.2024
15.42	-0.134	200.8	-0.0568	15.42	-0.193	227.1	-0.205
15.50	-0.138	200.8	-0.0604	15.50	-0.195	227	-0.2104
15.58	-0.14	200.7	-0.0639	15.58	-0.2	226.8	-0.2139
15.67	-0.141	200.6	-0.0692	15.67	-0.2	226.5	-0.2184
15.75	-0.144	200.5	-0.0746	15.75	-0.203	226.4	-0.2228
15.83	-0.144	200.5	-0.0772	15.83	-0.205	226.3	-0.229
15.92	-0.146	200.4	-0.0808	15.92	-0.208	225.9	-0.2343
16.00	-0.147	200.4	-0.0843	16.00	-0.21	225.5	-0.2397
16.08	-0.149	200.3	-0.0879	16.08	-0.211	225.4	-0.2468
16.17	-0.151	200.3	-0.0905	16.17	-0.213	225.3	-0.2539
16.27	-0.148	200.2	-0.095	16.25	-0.215	225.3	-0.261
16.33	-0.152	200.2	-0.0994	16.33	-0.218	225.1	-0.269
16.42	-0.154	200.2	-0.1021	16.42	-0.217	225	-0.2823
16.50	-0.155	200.1	-0.1056	16.50	-0.22	225	-0.2911
16.58	-0.156	200	-0.1101	16.58	-0.221	224.9	-0.3018
16.67	-0.157	200	-0.1127	16.67	-0.221	224.8	-0.3107
16.75	-0.158	200	-0.1154	16.75	-0.223	224.8	-0.3204
16.83	-0.158	199.9	-0.1181	16.83	-0.225	224.7	-0.3302
16.92	-0.158	199.9	-0.1207	16.93	-0.225	224.6	-0.34
17.00	-0.162	199.9	-0.1234	17.00	-0.226	224.5	-0.3551
17.08	-0.159	199.8	-0.126	17.08	-0.227	224.5	-0.3648
17.17	-0.161	199.8	-0.1296	17.17	-0.226	223.7	-0.3737
17.25	-0.162	199.8	-0.1314	17.25	-0.227	223.4	-0.3826
17.33	-0.161	199.8	-0.1331	17.33	-0.227	223.4	-0.395
17.42	-0.161	199.8	-0.1358	17.42	-0.228	223.3	-0.403
17.50	-0.159	199.8	-0.1376	17.50	-0.227	223.2	-0.4101
17.58	-0.162	199.7	-0.1394	17.58	-0.227	223.2	-0.4163
17.68	-0.161	199.7	-0.142	17.67	-0.226	223.1	-0.4216
17.75	-0.161	199.7	-0.1429	17.75	-0.228	223.1	-0.4278
17.83	-0.161	199.7	-0.1438	17.83	-0.226	223	-0.4323
17.92	-0.161	199.7	-0.1447	17.92	-0.226	222.9	-0.4376
18.00	-0.16	199.6	-0.1456	18.00	-0.225	222.9	-0.4412
18.08	-0.16	199.6	-0.1473	18.08	-0.224	222.9	-0.4438
18.17	-0.159	199.6	-0.1482	18.17	-0.224	222.8	-0.4456
18.25	-0.158	199.6	-0.1482	18.25	-0.223	222.8	-0.4474
18.33	-0.158	199.6	-0.1491	18.33	-0.221	222.8	-0.4491
18.42	-0.157	199.6	-0.1491	18.42	-0.22	222.7	-0.45
18.50	-0.155	199.6	-0.1491	18.50	-0.218	222.7	-0.4518
18.58	-0.156	199.6	-0.1491	18.58	-0.217	222.7	-0.4518
18.67	-0.153	199.6	-0.15	18.67	-0.215	222.7	-0.4527
18.75	-0.154	199.6	-0.15	18.75	-0.214	222.7	-0.4527
18.83	-0.151	199.6	-0.15	18.83	-0.213	222.7	-0.4527
18.92	-0.15	199.6	-0.15	18.92	-0.213	222.7	-0.4536
19.00	-0.149	199.7	-0.15	19.00	-0.208	222.7	-0.4527
19.08	-0.149	199.7	-0.15	19.08	-0.205	222.7	-0.4527
19.18	-0.146	199.7	-0.15	19.17	-0.205	222.7	-0.4527
19.25	-0.144	199.7	-0.1491	19.25	-0.201	222.7	-0.4518

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
19.33	-0.142	199.7	-0.1491	19.33	-0.198	222.8	-0.4518
19.42	-0.136	199.7	-0.1491	19.42	-0.197	222.8	-0.4509
19.50	-0.14	199.7	-0.1491	19.50	-0.193	222.8	-0.45
19.58	-0.137	199.8	-0.1482	19.58	-0.19	222.8	-0.45
19.67	-0.134	199.8	-0.1482	19.67	-0.19	222.9	-0.4491
19.75	-0.132	199.8	-0.1473	19.75	-0.185	222.9	-0.4491
19.83	-0.131	199.8	-0.1473	19.85	-0.182	222.9	-0.4483
19.92	-0.129	199.8	-0.1465	19.92	-0.179	223	-0.4474
20.00	-0.126	199.9	-0.1465	20.00	-0.176	223	-0.4465
20.08	-0.123	199.9	-0.1456	20.08	-0.173	223.1	-0.4456
20.17	-0.117	200	-0.1447	20.17	-0.169	223.1	-0.4447
20.25	-0.12	200	-0.1447	20.25	-0.165	223.2	-0.4447
20.33	-0.115	200	-0.1438	20.33	-0.162	223.2	-0.4429
20.42	-0.114	200.1	-0.1438	20.42	-0.158	223.3	-0.442
20.50	-0.111	200.1	-0.1429	20.50	-0.154	223.3	-0.4412
20.60	-0.108	200.2	-0.1429	20.58	-0.153	223.4	-0.4412
20.67	-0.105	200.2	-0.142	20.67	-0.148	223.5	-0.4394
20.75	-0.102	200.3	-0.1411	20.75	-0.141	223.5	-0.4385
20.83	-0.1	200.3	-0.1411	20.83	-0.137	223.6	-0.4376
20.92	-0.096	200.4	-0.1402	20.92	-0.134	223.6	-0.4358
21.00	-0.093	200.4	-0.1394	21.00	-0.13	223.7	-0.4349
21.08	-0.091	200.5	-0.1385	21.08	-0.126	223.8	-0.4341
21.17	-0.089	200.6	-0.1385	21.17	-0.123	223.9	-0.4323
21.25	-0.081	200.6	-0.1367	21.27	-0.118	224	-0.4314
21.33	-0.083	200.7	-0.1367	21.33	-0.113	224.1	-0.4296
21.42	-0.078	200.7	-0.1358	21.42	-0.108	224.2	-0.4287
21.50	-0.073	200.8	-0.1349	21.50	-0.104	224.3	-0.427
21.58	-0.071	200.9	-0.134	21.58	-0.099	224.5	-0.4252
21.67	-0.066	200.9	-0.1323	21.67	-0.092	224.6	-0.4243
21.75	-0.065	201	-0.1323	21.75	-0.092	224.8	-0.4225
21.83	-0.061	201.1	-0.1305	21.83	-0.085	224.9	-0.4207
21.92	-0.058	201.1	-0.1296	21.92	-0.08	225	-0.419
22.00	-0.054	201.2	-0.1287	22.00	-0.074	225.2	-0.4172
22.10	-0.051	201.3	-0.1278	22.08	-0.073	225.3	-0.4163
22.17	-0.047	201.4	-0.1269	22.17	-0.067	225.4	-0.4136
22.25	-0.046	201.5	-0.126	22.25	-0.059	225.6	-0.4119
22.33	-0.039	201.6	-0.1252	22.33	-0.054	225.8	-0.4101
22.42	-0.036	201.7	-0.1243	22.42	-0.052	225.9	-0.4083
22.50	-0.032	201.8	-0.1225	22.50	-0.045	226.1	-0.4065
22.58	-0.029	201.9	-0.1216	22.58	-0.039	226.2	-0.4048
22.67	-0.025	202	-0.1198	22.67	-0.035	226.3	-0.4021
22.75	-0.022	202	-0.1189	22.77	-0.03	226.5	-0.4003
22.83	-0.018	202.1	-0.1172	22.83	-0.022	226.7	-0.3986
22.92	-0.016	202.2	-0.1172	22.92	-0.018	226.9	-0.3968
23.00	-0.009	202.4	-0.1154	23.00	-0.016	227	-0.3932
23.08	-0.006	202.5	-0.1145	23.08	-0.01	227.2	-0.3914
23.17	-0.003	202.6	-0.1127	23.17	-0.002	227.4	-0.3888
23.25	0.001	202.7	-0.111	23.25	0.003	227.6	-0.387
23.33	0.005	202.7	-0.1101	23.33	0.007	227.8	-0.3835
23.42	0.007	202.8	-0.1092	23.42	0.012	228	-0.3817
23.52	0.012	203	-0.1074	23.50	0.018	228.1	-0.379
23.58	0.016	203.1	-0.1056	23.58	0.023	228.3	-0.3755
23.67	0.019	203.2	-0.1047	23.67	0.027	228.5	-0.3737
23.75	0.024	203.3	-0.103	23.75	0.035	228.7	-0.371
23.83	0.026	203.4	-0.1021	23.83	0.04	229	-0.3684
23.92	0.031	203.6	-0.1003	23.92	0.043	229.1	-0.3648
24.00	0.033	203.7	-0.0994	24.00	0.05	229.3	-0.3622
24.08	0.037	203.8	-0.0976	24.08	0.054	229.5	-0.3595
24.17	0.043	203.9	-0.0959	24.18	0.058	229.7	-0.3568
24.25	0.045	204	-0.0941	24.25	0.063	229.9	-0.3542

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
24.33	0.048	204.1	-0.0932	24.33	0.072	230	-0.3506
24.42	0.052	204.2	-0.0914	24.42	0.077	230.3	-0.348
24.50	0.058	204.4	-0.0897	24.50	0.079	230.5	-0.3435
24.58	0.061	204.5	-0.0879	24.58	0.087	230.7	-0.3409
24.67	0.064	204.6	-0.0861	24.67	0.091	230.8	-0.3391
24.75	0.067	204.7	-0.0843	24.75	0.096	231.1	-0.3364
24.83	0.071	204.9	-0.0834	24.83	0.1	231.3	-0.3311
24.93	0.077	205	-0.0817	24.92	0.104	231.5	-0.3284
25.00	0.076	205.1	-0.0799	25.00	0.111	231.6	-0.3249
25.08	0.081	205.2	-0.0781	25.08	0.113	231.8	-0.3222
25.17	0.086	205.3	-0.0763	25.17	0.118	232	-0.3196
25.25	0.087	205.4	-0.0754	25.25	0.124	232.1	-0.316
25.33	0.089	205.6	-0.0737	25.33	0.129	232.4	-0.3133
25.42	0.096	205.7	-0.0719	25.42	0.132	232.6	-0.3089
25.50	0.099	205.8	-0.0701	25.50	0.136	232.8	-0.3062
25.58	0.099	205.9	-0.0683	25.58	0.141	233	-0.3027
25.67	0.104	206	-0.0657	25.68	0.145	233.2	-0.3
25.75	0.108	206.2	-0.0639	25.75	0.149	233.4	-0.2965
25.83	0.108	206.3	-0.063	25.83	0.156	233.6	-0.2929
25.92	0.113	206.4	-0.0604	25.92	0.158	233.8	-0.2903
26.00	0.115	206.6	-0.0595	26.00	0.161	234	-0.2858
26.08	0.123	206.7	-0.0577	26.08	0.164	234.2	-0.2832
26.17	0.122	206.8	-0.0559	26.17	0.168	234.4	-0.2814
26.25	0.125	206.9	-0.0541	26.25	0.173	234.6	-0.2787
26.33	0.127	207	-0.0524	26.33	0.174	234.8	-0.2743
26.43	0.132	207.2	-0.0515	26.42	0.179	235	-0.2707
26.50	0.131	207.3	-0.0488	26.50	0.183	235.2	-0.2681
26.58	0.134	207.4	-0.0479	26.58	0.185	235.3	-0.2654
26.67	0.139	207.5	-0.0462	26.67	0.19	235.5	-0.2619
26.75	0.139	207.7	-0.0453	26.75	0.194	235.7	-0.2592
26.83	0.143	207.8	-0.0435	26.83	0.196	235.9	-0.2556
26.92	0.145	208	-0.0417	26.92	0.197	236.1	-0.2521
27.00	0.147	208.1	-0.0408	27.00	0.201	236.2	-0.2494
27.08	0.147	208.1	-0.0391	27.10	0.203	236.4	-0.2468
27.17	0.152	208.3	-0.0373	27.17	0.207	236.6	-0.2432
27.25	0.153	208.4	-0.0364	27.25	0.211	236.7	-0.2406
27.33	0.153	208.5	-0.0355	27.33	0.216	236.9	-0.2379
27.42	0.155	208.6	-0.0337	27.42	0.215	237.1	-0.2352
27.50	0.158	208.7	-0.0328	27.50	0.217	237.2	-0.2326
27.58	0.159	208.8	-0.032	27.58	0.22	237.4	-0.2299
27.67	0.16	208.9	-0.0302	27.67	0.222	237.6	-0.2281
27.75	0.163	209	-0.0293	27.75	0.227	237.7	-0.2255
27.85	0.166	209.1	-0.0284	27.83	0.227	237.9	-0.2219
27.92	0.164	209.2	-0.0275	27.92	0.228	238	-0.2192
28.00	0.166	209.3	-0.0257	28.00	0.23	238.1	-0.2175
28.08	0.167	209.4	-0.0249	28.08	0.232	238.3	-0.2148
28.17	0.169	209.5	-0.024	28.17	0.233	238.4	-0.2139
28.25	0.169	209.6	-0.0231	28.25	0.234	238.6	-0.2113
28.33	0.171	209.7	-0.0222	28.33	0.237	238.7	-0.2104
28.42	0.168	209.8	-0.0222	28.42	0.236	238.8	-0.2077
28.50	0.17	209.9	-0.0213	28.50	0.237	238.9	-0.2059
28.58	0.17	210	-0.0204	28.58	0.238	239	-0.2042
28.67	0.172	210.1	-0.0195	28.67	0.239	239.1	-0.2033
28.75	0.171	210.2	-0.0195	28.75	0.239	239.2	-0.2015
28.83	0.172	210.3	-0.0186	28.83	0.241	239.4	-0.2006
28.92	0.173	210.3	-0.0178	28.92	0.241	239.4	-0.1988
29.00	0.174	210.4	-0.0178	29.00	0.241	239.5	-0.1979
29.08	0.174	210.5	-0.0178	29.08	0.241	239.6	-0.1971
29.17	0.174	210.6	-0.0169	29.17	0.242	239.7	-0.1962
29.25	0.174	210.6	-0.016	29.25	0.241	239.8	-0.1962

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
29.35	0.173	210.7	-0.016	29.33	0.241	239.9	-0.1944
29.42	0.173	210.8	-0.016	29.42	0.241	240	-0.1944
29.50	0.172	210.8	-0.0151	29.50	0.24	240	-0.1935
29.58	0.172	210.9	-0.0151	29.58	0.24	240.1	-0.1935
29.67	0.171	210.9	-0.0151	29.67	0.238	240.2	-0.1935
29.75	0.171	211	-0.0151	29.75	0.231	240.3	-0.1926
29.83	0.171	211	-0.0151	29.83	0.236	240.3	-0.1926
29.92	0.17	211.1	-0.0151	29.92	0.235	240.4	-0.1926
30.00	0.169	211.1	-0.0142	30.02	0.233	240.4	-0.1926
30.08	0.17	211.1	-0.0142	30.08	0.232	240.5	-0.1926
30.17	0.168	211.2	-0.0142	30.17	0.231	240.5	-0.1926
30.25	0.167	211.2	-0.0142	30.25	0.229	240.5	-0.1926
30.33	0.166	211.2	-0.0142	30.33	0.229	240.6	-0.1926
30.42	0.165	211.2	-0.0151	30.42	0.227	240.6	-0.1926
30.50	0.163	211.3	-0.0151	30.50	0.224	240.6	-0.1926
30.58	0.162	211.3	-0.0151	30.58	0.223	240.7	-0.1935
30.67	0.16	211.3	-0.0151	30.67	0.219	240.7	-0.1935
30.77	0.159	211.3	-0.0151	30.75	0.218	240.7	-0.1935
30.83	0.158	211.4	-0.0151	30.83	0.216	240.7	-0.1944
30.92	0.155	211.4	-0.016	30.92	0.213	240.7	-0.1944
31.00	0.154	211.4	-0.016	31.00	0.211	240.7	-0.1953
31.08	0.153	211.4	-0.016	31.08	0.209	240.7	-0.1953
31.17	0.15	211.4	-0.0169	31.17	0.207	240.8	-0.1953
31.25	0.149	211.4	-0.0169	31.25	0.202	240.7	-0.1962
31.33	0.147	211.4	-0.0169	31.33	0.199	240.7	-0.1962
31.42	0.144	211.4	-0.0178	31.43	0.198	240.7	-0.1971
31.50	0.143	211.4	-0.0178	31.50	0.193	240.7	-0.1979
31.58	0.138	211.4	-0.0186	31.58	0.191	240.7	-0.1979
31.67	0.138	211.4	-0.0186	31.67	0.189	240.7	-0.1988
31.75	0.135	211.4	-0.0195	31.75	0.184	240.6	-0.1997
31.83	0.133	211.4	-0.0195	31.83	0.18	240.6	-0.1997
31.92	0.131	211.4	-0.0195	31.92	0.178	240.6	-0.2006
32.00	0.127	211.4	-0.0204	32.00	0.175	240.6	-0.2015
32.08	0.124	211.4	-0.0204	32.08	0.169	240.5	-0.2024
32.17	0.122	211.3	-0.0213	32.17	0.165	240.5	-0.2024
32.27	0.121	211.3	-0.0213	32.25	0.162	240.5	-0.2033
32.33	0.115	211.3	-0.0222	32.33	0.16	240.4	-0.2042
32.42	0.113	211.3	-0.0231	32.42	0.153	240.3	-0.205
32.50	0.111	211.3	-0.0231	32.50	0.15	240.3	-0.2059
32.58	0.108	211.2	-0.024	32.58	0.149	240.3	-0.2068
32.67	0.105	211.2	-0.0249	32.67	0.142	240.2	-0.2077
32.75	0.102	211.2	-0.0257	32.75	0.138	240.1	-0.2086
32.83	0.099	211.1	-0.0257	32.83	0.132	240.1	-0.2095
32.92	0.094	211.1	-0.0266	32.93	0.13	240	-0.2104
33.00	0.091	211	-0.0275	33.00	0.122	239.9	-0.2121
33.08	0.089	211	-0.0284	33.08	0.118	239.9	-0.2139
33.17	0.084	211	-0.0293	33.17	0.115	239.8	-0.2148
33.25	0.085	210.9	-0.0293	33.25	0.11	239.7	-0.2157
33.33	0.08	210.9	-0.0302	33.33	0.105	239.6	-0.2166
33.42	0.076	210.8	-0.0311	33.42	0.101	239.5	-0.2184
33.50	0.071	210.8	-0.032	33.50	0.097	239.5	-0.2192
33.58	0.069	210.7	-0.0328	33.58	0.091	239.3	-0.221
33.68	0.066	210.7	-0.0337	33.67	0.087	239.2	-0.2219
33.75	0.063	210.6	-0.0346	33.75	0.082	239.1	-0.2237
33.83	0.056	210.5	-0.0355	33.83	0.076	239	-0.2255
33.92	0.057	210.5	-0.0364	33.92	0.071	238.9	-0.2263
34.00	0.052	210.4	-0.0373	34.00	0.066	238.8	-0.2281
34.08	0.047	210.4	-0.0391	34.08	0.062	238.7	-0.2299
34.17	0.044	210.3	-0.0399	34.17	0.059	238.6	-0.2308
34.25	0.042	210.2	-0.0408	34.25	0.05	238.4	-0.2334

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
34.33	0.039	210.1	-0.0417	34.35	0.043	238.3	-0.2343	
34.42	0.029	210	-0.0435	34.42	0.039	238.2	-0.2379	
34.50	0.031	210	-0.0435	34.50	0.034	238.1	-0.2397	
34.58	0.027	209.9	-0.0453	34.58	0.029	237.9	-0.2414	
34.67	0.022	209.8	-0.0462	34.67	0.023	237.8	-0.2432	
34.75	0.021	209.8	-0.047	34.75	0.019	237.7	-0.2459	
34.83	0.014	209.7	-0.0488	34.83	0.012	237.5	-0.2477	
34.92	0.014	209.6	-0.0497	34.92	0.011	237.4	-0.2494	
35.00	0.004	209.5	-0.0515	35.00	0.006	237.2	-0.2512	
35.10	0.002	209.4	-0.0533	35.08	-0.001	237.1	-0.2539	
35.17	0.002	209.4	-0.0533	35.17	-0.009	236.8	-0.2556	
35.25	-0.004	209.3	-0.055	35.25	-0.012	236.7	-0.2574	
35.33	-0.009	209.2	-0.0568	35.33	-0.016	236.6	-0.261	
35.42	-0.013	209.1	-0.0586	35.42	-0.021	236.4	-0.2636	
35.50	-0.017	209	-0.0604	35.50	-0.028	236.2	-0.2663	
35.58	-0.02	208.9	-0.0612	35.58	-0.03	236.1	-0.2681	
35.67	-0.02	208.8	-0.0621	35.67	-0.039	235.9	-0.2716	
35.75	-0.027	208.7	-0.0639	35.75	-0.044	235.7	-0.2734	
35.83	-0.029	208.7	-0.0648	35.85	-0.049	235.5	-0.2769	
35.92	-0.035	208.5	-0.0675	35.92	-0.053	235.3	-0.2805	
36.00	-0.037	208.4	-0.0683	36.00	-0.059	235.2	-0.2832	
36.08	-0.042	208.3	-0.071	36.08	-0.062	235	-0.2858	
36.17	-0.043	208.3	-0.0719	36.17	-0.068	234.8	-0.2876	
36.25	-0.049	208.2	-0.0746	36.25	-0.073	234.6	-0.292	
36.33	-0.052	208.1	-0.0754	36.33	-0.08	234.4	-0.2965	
36.42	-0.055	208	-0.0763	36.42	-0.083	234.3	-0.2991	
36.50	-0.06	207.9	-0.079	36.50	-0.086	234.2	-0.3009	
36.60	-0.063	207.8	-0.0808	36.58	-0.092	234	-0.3045	
36.67	-0.067	207.7	-0.0826	36.67	-0.098	233.7	-0.308	
36.75	-0.069	207.5	-0.0834	36.75	-0.103	233.5	-0.3107	
36.83	-0.074	207.4	-0.0843	36.83	-0.107	233.4	-0.3151	
36.92	-0.078	207.3	-0.0879	36.92	-0.112	233.2	-0.3187	
37.00	-0.079	207.2	-0.0888	37.00	-0.115	233	-0.3213	
37.08	-0.083	207.2	-0.0905	37.08	-0.119	232.9	-0.324	
37.17	-0.087	207.1	-0.0914	37.17	-0.124	232.7	-0.3275	
37.25	-0.086	207	-0.0923	37.27	-0.131	232.4	-0.3311	
37.33	-0.092	206.9	-0.0941	37.33	-0.133	232.2	-0.3338	
37.42	-0.097	206.8	-0.0968	37.42	-0.137	232.1	-0.3391	
37.50	-0.097	206.7	-0.0985	37.50	-0.14	231.9	-0.3426	
37.58	-0.1	206.6	-0.0994	37.58	-0.147	231.7	-0.3462	
37.67	-0.102	206.5	-0.1012	37.67	-0.149	231.6	-0.3506	
37.75	-0.105	206.4	-0.103	37.75	-0.153	231.5	-0.3533	
37.83	-0.109	206.3	-0.1047	37.83	-0.158	231.4	-0.3568	
37.92	-0.113	206.2	-0.1065	37.92	-0.16	231.3	-0.3604	
38.00	-0.114	206.2	-0.1083	38.00	-0.163	231.2	-0.363	
38.08	-0.116	206.1	-0.1101	38.08	-0.167	231.1	-0.3666	
38.17	-0.119	206	-0.111	38.17	-0.172	230.9	-0.3701	
38.25	-0.122	205.9	-0.1127	38.25	-0.175	230.9	-0.3755	
38.33	-0.125	205.8	-0.1145	38.33	-0.178	230.8	-0.379	
38.42	-0.124	205.7	-0.1163	38.42	-0.181	230.5	-0.3817	
38.50	-0.13	205.6	-0.1181	38.50	-0.184	230.4	-0.3861	
38.58	-0.131	205.6	-0.1198	38.58	-0.187	230.4	-0.3897	
38.67	-0.134	205.5	-0.1216	38.67	-0.189	230.3	-0.3932	
38.75	-0.136	205.4	-0.1234	38.75	-0.194	230	-0.3977	
38.83	-0.136	205.4	-0.1243	38.83	-0.195	229.9	-0.4003	
38.92	-0.141	205.3	-0.1269	38.92	-0.198	229.3	-0.4057	
39.00	-0.141	205.2	-0.1296	39.00	-0.201	228.9	-0.4083	
39.08	-0.144	205.1	-0.1305	39.08	-0.203	228.8	-0.4119	
39.17	-0.144	205.1	-0.1314	39.17	-0.207	228.6	-0.4181	
39.25	-0.147	205	-0.134	39.25	-0.207	228.5	-0.4216	

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
39.33	-0.149	205	-0.1358	39.33	-0.209	228.4	-0.4252
39.42	-0.149	204.9	-0.1367	39.42	-0.211	228.1	-0.4287
39.52	-0.15	204.8	-0.1385	39.50	-0.213	228	-0.4332
39.58	-0.15	204.8	-0.1394	39.58	-0.214	227.9	-0.4367
39.67	-0.155	204.8	-0.142	39.67	-0.218	227.7	-0.4412
39.75	-0.154	204.7	-0.1429	39.75	-0.217	227.6	-0.4465
39.83	-0.156	204.6	-0.1447	39.83	-0.219	227.5	-0.4509
39.92	-0.157	204.6	-0.1465	39.92	-0.221	227.4	-0.4554
40.00	-0.157	204.6	-0.1482	40.00	-0.222	227.1	-0.4598
40.08	-0.157	204.5	-0.1491	40.08	-0.223	227	-0.4642
40.17	-0.16	204.5	-0.1509	40.18	-0.226	226.9	-0.4687
40.25	-0.159	204.5	-0.1518	40.25	-0.224	226.7	-0.4722
40.33	-0.159	204.5	-0.1536	40.33	-0.226	226.6	-0.4784
40.42	-0.161	204.4	-0.1544	40.42	-0.229	226.6	-0.4829
40.50	-0.161	204.4	-0.1562	40.50	-0.227	226.5	-0.4873
40.58	-0.162	204.4	-0.1571	40.58	-0.227	226.4	-0.4909
40.67	-0.162	204.4	-0.1589	40.67	-0.227	226.3	-0.4953
40.75	-0.162	204.4	-0.1598	40.75	-0.227	226.3	-0.498
40.83	-0.162	204.3	-0.1607	40.83	-0.227	226.2	-0.5006
40.93	-0.162	204.3	-0.1616	40.92	-0.227	226.1	-0.5024
41.00	-0.161	204.3	-0.1624	41.00	-0.227	226.1	-0.5051
41.08	-0.162	204.2	-0.1633	41.08	-0.226	226	-0.5068
41.17	-0.16	204.2	-0.1633	41.17	-0.226	225.8	-0.5086
41.25	-0.162	204.2	-0.1642	41.25	-0.226	225.8	-0.5113
41.33	-0.16	204.2	-0.1642	41.33	-0.224	225.7	-0.5122
41.42	-0.16	204.2	-0.1651	41.42	-0.224	225.7	-0.5131
41.50	-0.159	204.2	-0.1651	41.50	-0.224	225.7	-0.5139
41.58	-0.157	204.2	-0.1651	41.60	-0.222	225.7	-0.5148
41.67	-0.157	204.2	-0.166	41.67	-0.221	225.6	-0.5157
41.75	-0.157	204.2	-0.166	41.75	-0.22	225.6	-0.5157
41.83	-0.156	204.2	-0.166	41.83	-0.219	225.6	-0.5157
41.92	-0.155	204.2	-0.166	41.92	-0.217	225.6	-0.5166
42.00	-0.154	204.2	-0.166	42.00	-0.215	225.6	-0.5166
42.08	-0.153	204.2	-0.166	42.08	-0.214	225.6	-0.5166
42.17	-0.15	204.2	-0.1651	42.17	-0.212	225.6	-0.5157
42.25	-0.151	204.2	-0.1651	42.25	-0.21	225.6	-0.5157
42.33	-0.15	204.2	-0.1651	42.33	-0.208	225.6	-0.5148
42.43	-0.146	204.2	-0.1651	42.42	-0.207	225.6	-0.5157
42.52	-0.146	204.2	-0.1651	42.50	-0.204	225.6	-0.5148
42.58	-0.144	204.2	-0.1642	42.58	-0.199	225.6	-0.5148
42.67	-0.142	204.2	-0.1642	42.67	-0.199	225.6	-0.5139
42.75	-0.141	204.2	-0.1642	42.75	-0.196	225.7	-0.5131
42.83	-0.137	204.2	-0.1633	42.83	-0.193	225.7	-0.5131
42.92	-0.14	204.2	-0.1633	42.92	-0.191	225.7	-0.5122
43.00	-0.136	204.2	-0.1633	43.00	-0.189	225.8	-0.5122
43.08	-0.13	204.2	-0.1624	43.10	-0.186	225.8	-0.5113
43.17	-0.131	204.2	-0.1624	43.17	-0.182	225.8	-0.5104
43.25	-0.128	204.2	-0.1616	43.25	-0.177	225.9	-0.5104
43.33	-0.125	204.3	-0.1616	43.33	-0.175	226	-0.5086
43.42	-0.121	204.3	-0.1607	43.42	-0.173	226	-0.5086
43.50	-0.122	204.3	-0.1607	43.50	-0.169	226.1	-0.5077
43.58	-0.119	204.3	-0.1598	43.58	-0.164	226.1	-0.5068
43.67	-0.116	204.4	-0.1589	43.67	-0.162	226.2	-0.506
43.75	-0.114	204.4	-0.1589	43.75	-0.157	226.2	-0.5051
43.85	-0.11	204.4	-0.158	43.83	-0.154	226.3	-0.5042
43.92	-0.109	204.4	-0.1571	43.92	-0.152	226.4	-0.5033
44.00	-0.102	204.5	-0.1562	44.00	-0.147	226.4	-0.5024
44.08	-0.104	204.5	-0.1562	44.08	-0.142	226.5	-0.5015
44.17	-0.1	204.5	-0.1553	44.17	-0.138	226.6	-0.4997
44.25	-0.097	204.5	-0.1553	44.25	-0.134	226.6	-0.4989

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
44.33	-0.092	204.6	-0.1544	44.33	-0.131	226.7	-0.4971
44.42	-0.091	204.6	-0.1536	44.42	-0.127	226.8	-0.4962
44.50	-0.088	204.7	-0.1527	44.52	-0.123	226.8	-0.4953
44.58	-0.084	204.7	-0.1518	44.58	-0.118	226.9	-0.4944
44.67	-0.081	204.8	-0.1509	44.67	-0.112	227	-0.4926
44.75	-0.08	204.8	-0.1509	44.75	-0.106	227.2	-0.4918
44.83	-0.074	204.9	-0.15	44.83	-0.103	227.3	-0.4891
44.92	-0.07	204.9	-0.1491	44.92	-0.1	227.4	-0.4882
45.00	-0.069	205	-0.1473	45.00	-0.094	227.5	-0.4864
45.08	-0.065	205.1	-0.1473	45.08	-0.087	227.8	-0.4855
45.17	-0.056	205.2	-0.1456	45.17	-0.083	227.9	-0.4829
45.27	-0.06	205.2	-0.1456	45.25	-0.08	228	-0.482
45.33	-0.056	205.3	-0.1438	45.33	-0.073	228.1	-0.4802
45.42	-0.051	205.4	-0.1429	45.42	-0.071	228.2	-0.4784
45.50	-0.046	205.5	-0.142	45.50	-0.067	228.4	-0.4767
45.58	-0.045	205.5	-0.1411	45.58	-0.058	228.5	-0.4749
45.67	-0.038	205.6	-0.1402	45.67	-0.052	228.8	-0.4731
45.75	-0.036	205.7	-0.1394	45.75	-0.05	228.9	-0.4704
45.83	-0.031	205.8	-0.1385	45.83	-0.045	229.1	-0.4678
45.92	-0.029	205.9	-0.1367	45.92	-0.039	229.2	-0.466
46.00	-0.026	205.9	-0.1358	46.02	-0.036	229.4	-0.4642
46.08	-0.021	206	-0.134	46.08	-0.032	229.5	-0.4625
46.17	-0.02	206.1	-0.1331	46.17	-0.024	229.7	-0.4598
46.25	-0.016	206.2	-0.1323	46.25	-0.016	229.9	-0.458
46.33	-0.01	206.3	-0.1305	46.33	-0.016	230	-0.4554
46.42	-0.004	206.4	-0.1296	46.42	-0.01	230.2	-0.4536
46.50	-0.003	206.5	-0.1278	46.50	-0.001	230.4	-0.4509
46.58	0	206.6	-0.1269	46.58	0.003	230.6	-0.4483
46.67	0.005	206.7	-0.1252	46.67	0.006	230.8	-0.4447
46.77	0.01	206.9	-0.1243	46.75	0.012	231	-0.4429
46.83	0.012	207	-0.1225	46.83	0.019	231.1	-0.4394
46.92	0.019	207.1	-0.1207	46.92	0.023	231.3	-0.4376
47.00	0.019	207.1	-0.1198	47.00	0.026	231.5	-0.4349
47.08	0.022	207.2	-0.1189	47.08	0.034	231.7	-0.4323
47.17	0.026	207.3	-0.1172	47.17	0.041	231.9	-0.4296
47.25	0.032	207.4	-0.1154	47.25	0.044	232.1	-0.4261
47.33	0.038	207.6	-0.1145	47.33	0.049	232.3	-0.4225
47.42	0.037	207.7	-0.1127	47.43	0.056	232.5	-0.4207
47.50	0.041	207.8	-0.111	47.50	0.059	232.6	-0.4172
47.58	0.046	208	-0.1092	47.58	0.063	232.9	-0.4154
47.67	0.048	208.1	-0.1083	47.67	0.07	233	-0.4128
47.75	0.052	208.2	-0.1065	47.75	0.071	233.3	-0.4092
47.83	0.061	208.3	-0.1047	47.83	0.077	233.5	-0.4074
47.92	0.06	208.4	-0.1039	47.92	0.082	233.7	-0.4039
48.00	0.069	208.5	-0.1003	48.00	0.089	233.9	-0.4012
48.08	0.06	208.7	-0.1012	48.08	0.095	234.2	-0.3977
48.17	0.074	208.8	-0.0976	48.17	0.098	234.3	-0.3932
48.25	0.077	208.9	-0.0968	48.25	0.103	234.5	-0.3906
48.33	0.076	209	-0.095	48.33	0.11	234.7	-0.3861
48.42	0.08	209.2	-0.0941	48.42	0.113	234.9	-0.3835
48.50	0.084	209.3	-0.0923	48.50	0.116	235.1	-0.3808
48.58	0.086	209.4	-0.0914	48.58	0.123	235.3	-0.3772
48.67	0.089	209.5	-0.0897	48.67	0.128	235.5	-0.3746
48.75	0.095	209.6	-0.0879	48.75	0.132	235.7	-0.3701
48.83	0.097	209.8	-0.087	48.83	0.135	235.9	-0.3675
48.92	0.1	209.9	-0.0843	48.92	0.141	236.2	-0.3639
49.00	0.096	210	-0.0834	49.00	0.143	236.3	-0.3604
49.08	0.109	210.2	-0.0808	49.08	0.148	236.5	-0.3577
49.17	0.108	210.3	-0.0799	49.17	0.154	236.7	-0.3542
49.25	0.112	210.4	-0.0781	49.25	0.157	237	-0.3497

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
49.33	0.116	210.5	-0.0763	49.33	0.162	237.2	-0.3462	
49.42	0.118	210.6	-0.0754	49.42	0.165	237.3	-0.3435	
49.50	0.12	210.7	-0.0737	49.50	0.167	237.5	-0.34	
49.58	0.122	210.9	-0.0719	49.58	0.175	237.8	-0.3373	
49.68	0.126	211	-0.071	49.67	0.178	237.9	-0.3329	
49.75	0.131	211.1	-0.0692	49.75	0.18	238.1	-0.3302	
49.83	0.13	211.2	-0.0675	49.83	0.184	238.3	-0.3267	
49.92	0.131	211.3	-0.0657	49.92	0.186	238.4	-0.324	
50.00	0.134	211.5	-0.0648	50.00	0.19	238.6	-0.3204	
50.08	0.139	211.5	-0.063	50.08	0.194	238.8	-0.3178	
50.17	0.14	211.6	-0.0612	50.17	0.198	239	-0.3151	
50.25	0.143	211.7	-0.0604	50.25	0.2	239.2	-0.3107	
50.33	0.146	211.9	-0.0595	50.35	0.203	239.3	-0.3071	
50.42	0.147	212	-0.0568	50.42	0.206	239.5	-0.3045	
50.50	0.149	212.1	-0.0559	50.50	0.208	239.6	-0.3018	
50.58	0.151	212.2	-0.055	50.58	0.211	239.8	-0.2991	
50.67	0.152	212.3	-0.0541	50.67	0.214	240	-0.2956	
50.75	0.155	212.4	-0.0524	50.75	0.217	240.1	-0.292	
50.83	0.156	212.5	-0.0515	50.83	0.218	240.3	-0.2894	
50.92	0.158	212.7	-0.0506	50.92	0.221	240.4	-0.2867	
51.00	0.159	212.7	-0.0497	51.00	0.224	240.5	-0.2849	
51.10	0.16	212.8	-0.0479	51.08	0.226	240.7	-0.2823	
51.17	0.161	212.9	-0.047	51.17	0.227	240.9	-0.2787	
51.25	0.163	213	-0.0462	51.25	0.229	241	-0.2761	
51.33	0.165	213.1	-0.0453	51.33	0.231	241.1	-0.2743	
51.42	0.167	213.2	-0.0444	51.42	0.232	241.3	-0.2725	
51.50	0.166	213.3	-0.0435	51.50	0.232	241.4	-0.2707	
51.58	0.167	213.4	-0.0426	51.58	0.234	241.5	-0.2681	
51.67	0.168	213.4	-0.0417	51.67	0.236	241.7	-0.2672	
51.75	0.169	213.5	-0.0417	51.77	0.237	241.8	-0.2645	
51.83	0.172	213.6	-0.0408	51.83	0.237	241.9	-0.2627	
51.92	0.17	213.7	-0.0399	51.92	0.241	242	-0.261	
52.00	0.171	213.8	-0.0391	52.00	0.241	242.1	-0.2592	
52.08	0.172	213.8	-0.0391	52.08	0.24	242.2	-0.2583	
52.17	0.173	213.9	-0.0382	52.17	0.24	242.4	-0.2565	
52.25	0.173	214	-0.0373	52.25	0.243	242.5	-0.2556	
52.33	0.173	214	-0.0373	52.33	0.242	242.6	-0.2548	
52.42	0.174	214.1	-0.0373	52.42	0.242	242.7	-0.2539	
52.50	0.173	214.2	-0.0364	52.50	0.241	242.7	-0.253	
52.60	0.176	214.2	-0.0364	52.58	0.242	242.8	-0.2521	
52.67	0.172	214.3	-0.0355	52.67	0.242	242.9	-0.2512	
52.75	0.174	214.3	-0.0355	52.75	0.241	243	-0.2512	
52.83	0.174	214.4	-0.0355	52.83	0.24	243.1	-0.2503	
52.92	0.172	214.4	-0.0355	52.92	0.241	243.1	-0.2503	
53.00	0.172	214.5	-0.0346	53.00	0.24	243.2	-0.2494	
53.08	0.171	214.5	-0.0346	53.08	0.238	243.2	-0.2494	
53.17	0.171	214.5	-0.0346	53.17	0.238	243.3	-0.2494	
53.25	0.17	214.5	-0.0346	53.27	0.237	243.3	-0.2494	
53.33	0.169	214.6	-0.0346	53.33	0.235	243.4	-0.2494	
53.42	0.169	214.6	-0.0346	53.42	0.234	243.4	-0.2494	
53.50	0.168	214.7	-0.0346	53.50	0.233	243.5	-0.2494	
53.58	0.167	214.7	-0.0346	53.58	0.232	243.5	-0.2494	
53.67	0.166	214.7	-0.0346	53.67	0.229	243.6	-0.2494	
53.75	0.164	214.7	-0.0355	53.75	0.228	243.6	-0.2494	
53.83	0.163	214.8	-0.0355	53.83	0.227	243.6	-0.2503	
53.92	0.162	214.8	-0.0355	53.92	0.225	243.6	-0.2503	
54.02	0.16	214.8	-0.0355	54.00	0.222	243.7	-0.2503	
54.08	0.16	214.8	-0.0355	54.08	0.218	243.7	-0.2503	
54.17	0.157	214.8	-0.0364	54.17	0.218	243.7	-0.2512	
54.25	0.155	214.8	-0.0364	54.25	0.215	243.7	-0.2512	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
54.33	0.154	214.8	-0.0364	54.33	0.211	243.7	-0.2521
54.42	0.153	214.9	-0.0364	54.42	0.212	243.7	-0.2521
54.50	0.15	214.9	-0.0373	54.50	0.208	243.7	-0.2521
54.58	0.15	214.9	-0.0373	54.58	0.204	243.7	-0.253
54.67	0.146	214.8	-0.0373	54.68	0.199	243.7	-0.2539
54.75	0.143	214.9	-0.0373	54.75	0.196	243.7	-0.2539
54.83	0.142	214.8	-0.0382	54.83	0.194	243.7	-0.2548
54.92	0.14	214.8	-0.0382	54.92	0.189	243.7	-0.2556
55.00	0.136	214.8	-0.0391	55.00	0.186	243.7	-0.2556
55.08	0.135	214.8	-0.0391	55.08	0.185	243.7	-0.2565
55.17	0.132	214.8	-0.0399	55.17	0.181	243.6	-0.2565
55.25	0.131	214.8	-0.0399	55.25	0.176	243.6	-0.2574
55.33	0.127	214.8	-0.0408	55.33	0.174	243.6	-0.2583
55.42	0.125	214.8	-0.0408	55.42	0.172	243.5	-0.2583
55.50	0.123	214.7	-0.0417	55.50	0.165	243.5	-0.2601
55.58	0.12	214.7	-0.0417	55.58	0.161	243.4	-0.2601
55.67	0.116	214.7	-0.0426	55.67	0.158	243.4	-0.261
55.75	0.113	214.7	-0.0435	55.75	0.155	243.4	-0.2619
55.83	0.111	214.7	-0.0444	55.83	0.15	243.3	-0.2636
55.92	0.108	214.6	-0.0444	55.92	0.148	243.2	-0.2636
56.00	0.104	214.6	-0.0453	56.00	0.144	243.2	-0.2645
56.08	0.102	214.6	-0.0462	56.08	0.136	243.1	-0.2654
56.17	0.099	214.5	-0.0462	56.18	0.131	243	-0.2663
56.25	0.095	214.5	-0.047	56.25	0.13	243	-0.2681
56.33	0.092	214.5	-0.0479	56.33	0.124	242.9	-0.269
56.42	0.089	214.4	-0.0488	56.42	0.121	242.8	-0.2698
56.50	0.086	214.4	-0.0497	56.50	0.115	242.7	-0.2716
56.58	0.082	214.3	-0.0506	56.58	0.11	242.7	-0.2734
56.67	0.08	214.3	-0.0506	56.67	0.105	242.6	-0.2743
56.75	0.077	214.3	-0.0515	56.75	0.101	242.5	-0.2752
56.83	0.071	214.2	-0.0524	56.83	0.099	242.4	-0.2761
56.93	0.067	214.1	-0.0541	56.92	0.092	242.3	-0.2778
57.00	0.066	214.1	-0.0541	57.00	0.084	242.2	-0.2787
57.08	0.064	214	-0.055	57.08	0.079	242.1	-0.2805
57.17	0.058	214	-0.0559	57.17	0.078	242	-0.2823
57.25	0.055	213.9	-0.0568	57.25	0.072	241.9	-0.284
57.33	0.052	213.8	-0.0577	57.33	0.062	241.8	-0.2858
57.42	0.047	213.7	-0.0595	57.42	0.062	241.7	-0.2876
57.50	0.045	213.7	-0.0604	57.50	0.057	241.5	-0.2885
57.58	0.043	213.6	-0.0612	57.60	0.05	241.4	-0.2903
57.67	0.038	213.6	-0.0621	57.67	0.044	241.3	-0.292
57.75	0.031	213.5	-0.063	57.75	0.034	241	-0.2982
57.83	0.029	213.4	-0.0639	57.83	0.034	240.9	-0.2991
57.92	0.026	213.3	-0.0657	57.92	0.029	240.9	-0.2991
58.00	0.022	213.2	-0.0675	58.00	0.023	240.7	-0.3009
58.08	0.018	213.2	-0.0692	58.08	0.02	240.5	-0.3045
58.17	0.015	213.1	-0.0701	58.17	0.012	240.4	-0.3062
58.25	0.01	213	-0.0719	58.25	0.01	240.3	-0.308
58.33	0.006	212.9	-0.0728	58.33	0.006	240.2	-0.3098
58.42	0.003	212.8	-0.0746	58.42	0.001	240	-0.3124
58.50	0	212.8	-0.0754	58.50	-0.005	239.9	-0.3151
58.58	-0.002	212.7	-0.0772	58.58	-0.014	239.6	-0.3178
58.67	-0.009	212.6	-0.079	58.67	-0.017	239.5	-0.3204
58.75	-0.012	212.5	-0.0799	58.75	-0.023	239.3	-0.3231
58.83	-0.016	212.4	-0.0817	58.83	-0.025	239.2	-0.3249
58.92	-0.022	212.3	-0.0834	58.92	-0.031	239	-0.3275
59.00	-0.023	212.2	-0.0843	59.00	-0.036	238.9	-0.3302
59.08	-0.026	212.1	-0.0852	59.08	-0.043	238.7	-0.3338
59.17	-0.029	212	-0.087	59.17	-0.05	238.4	-0.3355
59.25	-0.035	211.9	-0.0879	59.25	-0.053	238.3	-0.34

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
59.33	-0.038	211.8	-0.0897	59.33	-0.058	238.1	-0.3426
59.42	-0.041	211.7	-0.0914	59.42	-0.066	238	-0.3444
59.50	-0.045	211.6	-0.0932	59.50	-0.069	237.7	-0.348
59.58	-0.048	211.5	-0.095	59.58	-0.073	237.6	-0.3524
59.67	-0.051	211.4	-0.0959	59.67	-0.078	237.4	-0.3551
59.75	-0.056	211.3	-0.0976	59.75	-0.084	237.2	-0.3586
59.85	-0.06	211.2	-0.0994	59.83	-0.086	237.1	-0.3613
59.92	-0.062	211.1	-0.1012	59.92	-0.089	236.9	-0.363
60.00	-0.065	211	-0.103	60.00	-0.098	236.7	-0.3666
60.08	-0.069	210.9	-0.1039	60.08	-0.105	236.4	-0.3701
60.17	-0.073	210.8	-0.1056	60.17	-0.105	236.3	-0.3746
60.25	-0.077	210.6	-0.1074	60.25	-0.11	236.1	-0.3781
60.33	-0.077	210.5	-0.1092	60.33	-0.116	235.9	-0.3808
60.42	-0.083	210.4	-0.111	60.42	-0.118	235.7	-0.3843
60.50	-0.085	210.3	-0.1127	60.52	-0.125	235.5	-0.3879
60.58	-0.087	210.2	-0.1136	60.58	-0.129	235.3	-0.3914
60.67	-0.091	210.1	-0.1154	60.67	-0.134	235.1	-0.3941
60.75	-0.096	210	-0.1172	60.75	-0.137	234.9	-0.3994
60.83	-0.098	209.9	-0.1189	60.83	-0.14	234.7	-0.4021
60.92	-0.101	209.8	-0.1207	60.92	-0.146	234.6	-0.4057
61.00	-0.104	209.7	-0.1225	61.00	-0.15	234.4	-0.4083
61.08	-0.106	209.6	-0.1243	61.08	-0.153	234.2	-0.4128
61.17	-0.107	209.5	-0.1252	61.17	-0.157	234.1	-0.4163
61.27	-0.112	209.4	-0.1278	61.25	-0.16	233.9	-0.4199
61.33	-0.114	209.3	-0.1287	61.33	-0.163	233.8	-0.4234
61.42	-0.117	209.2	-0.1296	61.42	-0.167	233.7	-0.4261
61.50	-0.119	209.1	-0.1314	61.50	-0.171	233.6	-0.4296
61.58	-0.123	209	-0.1331	61.58	-0.177	233.4	-0.4332
61.67	-0.127	208.9	-0.134	61.67	-0.177	233.4	-0.4385
61.75	-0.126	208.8	-0.1358	61.75	-0.18	233.3	-0.4412
61.83	-0.129	208.7	-0.1376	61.83	-0.184	233.2	-0.4456
61.92	-0.129	208.7	-0.1385	61.93	-0.186	232.9	-0.4491
62.00	-0.134	208.6	-0.1402	62.00	-0.19	232.8	-0.4527
62.08	-0.135	208.5	-0.142	62.08	-0.193	232.7	-0.4554
62.17	-0.137	208.4	-0.1429	62.17	-0.196	232.4	-0.4589
62.25	-0.14	208.3	-0.1447	62.25	-0.197	232.3	-0.4633
62.33	-0.142	208.3	-0.1456	62.33	-0.199	232.3	-0.4669
62.42	-0.144	208.2	-0.1473	62.42	-0.203	232	-0.4696
62.50	-0.144	208.1	-0.1491	62.50	-0.205	231.2	-0.4731
62.58	-0.146	208.1	-0.15	62.58	-0.207	231.2	-0.4784
62.67	-0.148	208	-0.1518	62.67	-0.209	231.1	-0.4811
62.77	-0.149	208	-0.1536	62.75	-0.212	231	-0.4847
62.83	-0.15	207.9	-0.1544	62.83	-0.213	230.9	-0.4882
62.92	-0.152	207.8	-0.1553	62.92	-0.215	230.9	-0.4918
63.00	-0.152	207.8	-0.1571	63.00	-0.217	230.8	-0.4944
63.08	-0.154	207.7	-0.158	63.08	-0.219	230.7	-0.498
63.17	-0.155	207.7	-0.1589	63.17	-0.219	230.7	-0.5024
63.25	-0.158	207.6	-0.1607	63.25	-0.22	230.5	-0.5051
63.33	-0.156	207.5	-0.1616	63.33	-0.221	230.4	-0.5086
63.42	-0.159	207.5	-0.1633	63.43	-0.223	230.3	-0.5122
63.50	-0.158	207.5	-0.1642	63.50	-0.224	229.6	-0.5148
63.58	-0.159	207.5	-0.1651	63.58	-0.225	229.4	-0.5175
63.67	-0.16	207.4	-0.166	63.67	-0.225	229.3	-0.5202
63.75	-0.16	207.4	-0.1669	63.75	-0.226	229.3	-0.5246
63.83	-0.161	207.4	-0.1678	63.83	-0.226	229.2	-0.5264
63.92	-0.163	207.4	-0.1695	63.92	-0.227	229.2	-0.529
64.00	-0.163	207.4	-0.1704	64.00	-0.226	229.1	-0.5308
64.08	-0.159	207.3	-0.1704	64.08	-0.228	229.1	-0.5335
64.18	-0.161	207.3	-0.1704	64.17	-0.227	229	-0.5361
64.25	-0.161	207.3	-0.1713	64.25	-0.227	229	-0.537

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
64.33	-0.161	207.2	-0.1722	64.33	-0.227	228.9	-0.5388
64.42	-0.161	207.2	-0.1722	64.42	-0.227	228.9	-0.5406
64.50	-0.16	207.2	-0.1731	64.50	-0.226	228.9	-0.5415
64.58	-0.161	207.2	-0.1731	64.58	-0.225	228.8	-0.5423
64.67	-0.16	207.2	-0.174	64.67	-0.225	228.8	-0.5432
64.75	-0.159	207.2	-0.174	64.75	-0.224	228.7	-0.5441
64.83	-0.158	207.1	-0.174	64.85	-0.223	228.7	-0.545
64.92	-0.158	207.1	-0.174	64.92	-0.223	228.7	-0.545
65.00	-0.158	207.1	-0.174	65.00	-0.221	228.7	-0.545
65.08	-0.157	207.1	-0.174	65.08	-0.22	228.7	-0.5459
65.17	-0.156	207.1	-0.174	65.17	-0.217	228.7	-0.5459
65.25	-0.155	207.1	-0.174	65.25	-0.218	228.7	-0.5459
65.33	-0.154	207.1	-0.174	65.33	-0.216	228.7	-0.5459
65.42	-0.153	207.1	-0.174	65.42	-0.213	228.7	-0.545
65.50	-0.151	207.1	-0.174	65.50	-0.212	228.7	-0.545
65.58	-0.148	207.1	-0.174	65.58	-0.21	228.7	-0.545
65.67	-0.149	207.1	-0.174	65.67	-0.208	228.7	-0.545
65.75	-0.148	207.1	-0.1731	65.75	-0.206	228.7	-0.5441
65.83	-0.145	207.1	-0.1731	65.83	-0.204	228.7	-0.5441
65.92	-0.144	207.1	-0.1731	65.92	-0.201	228.7	-0.5432
66.00	-0.142	207.1	-0.1722	66.00	-0.198	228.7	-0.5432
66.08	-0.141	207.1	-0.1722	66.08	-0.196	228.7	-0.5423
66.17	-0.138	207.1	-0.1722	66.17	-0.193	228.7	-0.5415
66.25	-0.136	207.1	-0.1713	66.25	-0.191	228.8	-0.5415
66.33	-0.134	207.1	-0.1713	66.35	-0.188	228.8	-0.5406
66.42	-0.132	207.2	-0.1713	66.42	-0.186	228.8	-0.5406
66.50	-0.131	207.2	-0.1704	66.50	-0.181	228.8	-0.5397
66.58	-0.127	207.2	-0.1695	66.58	-0.178	228.8	-0.5388
66.67	-0.128	207.2	-0.1695	66.67	-0.175	228.9	-0.5379
66.75	-0.124	207.2	-0.1687	66.75	-0.173	228.9	-0.537
66.83	-0.121	207.2	-0.1687	66.83	-0.17	229	-0.537
66.92	-0.117	207.3	-0.1678	66.92	-0.164	229	-0.5361
67.00	-0.115	207.3	-0.1678	67.00	-0.161	229.1	-0.5352
67.10	-0.113	207.3	-0.1669	67.08	-0.158	229.1	-0.5344
67.17	-0.111	207.3	-0.1669	67.17	-0.155	229.2	-0.5335
67.25	-0.106	207.4	-0.1651	67.25	-0.15	229.3	-0.5317
67.33	-0.105	207.4	-0.1651	67.33	-0.147	229.3	-0.5308
67.42	-0.104	207.4	-0.1651	67.42	-0.143	229.4	-0.5299
67.50	-0.101	207.4	-0.1642	67.50	-0.136	229.4	-0.529
67.58	-0.097	207.4	-0.1633	67.58	-0.134	229.5	-0.5281
67.67	-0.093	207.5	-0.1624	67.67	-0.131	229.6	-0.5264
67.75	-0.09	207.5	-0.1624	67.77	-0.125	229.7	-0.5255
67.83	-0.088	207.6	-0.1607	67.83	-0.12	229.8	-0.5237
67.92	-0.084	207.7	-0.1607	67.92	-0.118	229.9	-0.5228
68.00	-0.082	207.7	-0.1598	68.00	-0.113	229.9	-0.5219
68.08	-0.079	207.7	-0.1589	68.08	-0.109	230	-0.5193
68.17	-0.075	207.8	-0.158	68.17	-0.103	230.1	-0.5175
68.25	-0.07	207.9	-0.1571	68.25	-0.101	230.2	-0.5166
68.33	-0.068	208	-0.1562	68.33	-0.095	230.3	-0.5148
68.42	-0.066	208	-0.1553	68.42	-0.088	230.4	-0.5139
68.50	-0.062	208.1	-0.1544	68.50	-0.084	230.6	-0.5122
68.58	-0.056	208.2	-0.1536	68.58	-0.08	230.7	-0.5095
68.67	-0.054	208.3	-0.1527	68.67	-0.074	230.9	-0.5077
68.75	-0.051	208.3	-0.1509	68.75	-0.069	231	-0.506
68.83	-0.047	208.4	-0.15	68.83	-0.068	231.1	-0.5051
68.92	-0.044	208.5	-0.1491	68.92	-0.06	231.3	-0.5033
69.00	-0.04	208.6	-0.1482	69.00	-0.054	231.4	-0.5006
69.08	-0.038	208.6	-0.1473	69.08	-0.048	231.6	-0.4989
69.17	-0.032	208.8	-0.1465	69.17	-0.042	231.8	-0.4962
69.25	-0.028	208.8	-0.1456	69.25	-0.039	231.9	-0.4944

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
69.33	-0.026	208.9	-0.1438	69.33	-0.035	232.1	-0.4926
69.42	-0.023	209	-0.1429	69.42	-0.034	232.2	-0.4909
69.50	-0.017	209.1	-0.1411	69.50	-0.026	232.4	-0.4891
69.58	-0.015	209.2	-0.1402	69.58	-0.02	232.6	-0.4855
69.67	-0.011	209.3	-0.1394	69.67	-0.013	232.8	-0.4829
69.75	-0.006	209.4	-0.1376	69.75	-0.012	232.9	-0.4811
69.83	-0.003	209.5	-0.1367	69.83	-0.004	233.1	-0.4793
69.92	0	209.6	-0.1349	69.92	0.003	233.3	-0.4767
70.02	0.004	209.7	-0.1331	70.00	0.009	233.5	-0.474
70.08	0.01	209.8	-0.1323	70.08	0.016	233.7	-0.4696
70.17	0.012	209.9	-0.1305	70.17	0.018	233.9	-0.4678
70.25	0.015	210	-0.1296	70.25	0.022	234	-0.466
70.33	0.021	210.1	-0.1278	70.33	0.026	234.2	-0.4633
70.42	0.022	210.2	-0.1269	70.42	0.032	234.4	-0.4607
70.50	0.026	210.4	-0.1252	70.50	0.04	234.6	-0.4571
70.58	0.031	210.5	-0.1234	70.58	0.045	234.9	-0.4554
70.67	0.036	210.6	-0.1225	70.68	0.048	235.1	-0.4509
70.75	0.04	210.7	-0.1198	70.75	0.054	235.3	-0.4483
70.83	0.042	210.8	-0.1189	70.83	0.06	235.4	-0.4456
70.92	0.047	210.9	-0.1172	70.92	0.063	235.6	-0.4429
71.00	0.048	211	-0.1163	71.00	0.069	235.9	-0.4385
71.08	0.05	211.1	-0.1145	71.08	0.076	236.1	-0.4358
71.17	0.053	211.3	-0.1136	71.17	0.08	236.3	-0.4332
71.25	0.061	211.5	-0.1118	71.25	0.083	236.5	-0.4305
71.33	0.064	211.6	-0.1092	71.33	0.089	236.7	-0.427
71.43	0.067	211.7	-0.1074	71.42	0.095	236.9	-0.4243
71.50	0.069	211.8	-0.1065	71.50	0.1	237.2	-0.4207
71.58	0.074	212	-0.1047	71.58	0.103	237.3	-0.4163
71.67	0.078	212.1	-0.103	71.67	0.109	237.5	-0.4136
71.75	0.081	212.2	-0.1012	71.75	0.115	237.7	-0.4101
71.83	0.087	212.3	-0.0994	71.83	0.117	237.9	-0.4074
71.92	0.086	212.4	-0.0985	71.92	0.124	238.1	-0.4039
72.00	0.089	212.5	-0.0976	72.00	0.129	238.2	-0.4021
72.08	0.093	212.6	-0.0959	72.10	0.133	238.5	-0.3986
72.17	0.096	212.8	-0.0941	72.17	0.135	238.7	-0.3941
72.25	0.101	212.9	-0.0923	72.25	0.142	238.9	-0.3906
72.33	0.103	213	-0.0905	72.33	0.146	239.1	-0.387
72.42	0.106	213.1	-0.0888	72.42	0.151	239.3	-0.3835
72.50	0.109	213.2	-0.0879	72.50	0.151	239.5	-0.3799
72.58	0.112	213.3	-0.0861	72.58	0.158	239.7	-0.3764
72.67	0.115	213.4	-0.0843	72.67	0.162	239.9	-0.3737
72.75	0.119	213.6	-0.0834	72.75	0.165	240	-0.3701
72.83	0.121	213.7	-0.0817	72.83	0.169	240.2	-0.3666
72.93	0.123	213.8	-0.0799	72.92	0.177	240.5	-0.3639
73.00	0.129	213.9	-0.079	73.00	0.176	240.6	-0.3613
73.08	0.127	214	-0.0772	73.08	0.18	240.8	-0.3559
73.17	0.131	214.1	-0.0754	73.17	0.184	240.9	-0.3533
73.25	0.136	214.2	-0.0746	73.25	0.187	241.1	-0.3497
73.33	0.136	214.3	-0.0737	73.33	0.19	241.3	-0.3471
73.42	0.138	214.4	-0.0719	73.42	0.193	241.5	-0.3435
73.50	0.142	214.5	-0.071	73.50	0.198	241.6	-0.3409
73.58	0.143	214.6	-0.0692	73.60	0.2	241.9	-0.3382
73.67	0.146	214.7	-0.0683	73.67	0.203	242	-0.3338
73.75	0.147	214.8	-0.0657	73.75	0.208	242.2	-0.3311
73.83	0.149	214.9	-0.0648	73.83	0.208	242.3	-0.3284
73.92	0.152	215	-0.063	73.92	0.212	242.6	-0.3258
74.00	0.153	215.1	-0.0621	74.00	0.216	242.7	-0.3222
74.08	0.155	215.2	-0.0612	74.08	0.218	242.9	-0.3196
74.17	0.157	215.3	-0.0604	74.17	0.217	243	-0.3178
74.25	0.158	215.4	-0.0586	74.25	0.221	243.1	-0.3151

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
74.35	0.16	215.5	-0.0577	74.33	0.222	243.3	-0.3124
74.42	0.162	215.6	-0.0568	74.42	0.225	243.5	-0.3107
74.50	0.164	215.7	-0.0559	74.50	0.227	243.6	-0.308
74.58	0.165	215.8	-0.055	74.58	0.228	243.7	-0.3045
74.67	0.166	215.9	-0.0541	74.67	0.232	243.9	-0.3027
74.75	0.167	215.9	-0.0533	74.75	0.231	244	-0.3009
74.83	0.168	216	-0.0524	74.83	0.234	244.1	-0.2991
74.92	0.168	216.1	-0.0515	74.92	0.234	244.2	-0.2974
75.00	0.17	216.2	-0.0506	75.02	0.238	244.4	-0.2956
75.08	0.171	216.3	-0.0506	75.10	0.236	244.5	-0.2929
75.17	0.172	216.4	-0.0497	75.17	0.239	244.7	-0.2911
75.25	0.172	216.4	-0.0488	75.25	0.238	244.8	-0.2894
75.33	0.174	216.5	-0.0479	75.33	0.239	244.9	-0.2885
75.42	0.173	216.5	-0.0479	75.42	0.24	245	-0.2867
75.50	0.176	216.6	-0.047	75.50	0.24	245.1	-0.2858
75.58	0.173	216.7	-0.047	75.58	0.24	245.2	-0.284
75.67	0.175	216.7	-0.0462	75.67	0.242	245.3	-0.2832
75.75	0.174	216.8	-0.0453	75.75	0.242	245.4	-0.2823
75.85	0.174	216.8	-0.0453	75.83	0.241	245.5	-0.2814
75.92	0.175	216.9	-0.0453	75.92	0.241	245.6	-0.2814
76.00	0.174	216.9	-0.0453	76.00	0.24	245.7	-0.2805
76.08	0.175	217	-0.0453	76.08	0.241	245.7	-0.2796
76.17	0.175	217.1	-0.0444	76.17	0.237	245.8	-0.2796
76.25	0.174	217.1	-0.0444	76.25	0.237	245.9	-0.2796
76.33	0.173	217.1	-0.0444	76.33	0.236	246	-0.2796
76.42	0.174	217.2	-0.0444	76.42	0.235	246	-0.2796
76.50	0.172	217.2	-0.0444	76.52	0.235	246.1	-0.2787
76.58	0.171	217.2	-0.0444	76.60	0.235	246.2	-0.2787
76.67	0.17	217.3	-0.0444	76.67	0.233	246.2	-0.2787
76.75	0.171	217.3	-0.0435	76.75	0.232	246.2	-0.2787
76.83	0.17	217.3	-0.0444	76.83	0.231	246.3	-0.2787
76.92	0.169	217.3	-0.0444	76.92	0.229	246.3	-0.2787
77.00	0.161	217.4	-0.0444	77.00	0.228	246.4	-0.2796
77.08	0.167	217.5	-0.0444	77.08	0.226	246.4	-0.2796
77.17	0.161	217.5	-0.0444	77.17	0.225	246.4	-0.2796
77.27	0.162	217.5	-0.0444	77.25	0.223	246.4	-0.2796
77.33	0.16	217.5	-0.0453	77.33	0.22	246.4	-0.2805
77.42	0.16	217.5	-0.0453	77.42	0.217	246.5	-0.2805
77.50	0.158	217.5	-0.0453	77.50	0.215	246.5	-0.2805
77.58	0.156	217.5	-0.0453	77.58	0.213	246.5	-0.2814
77.67	0.154	217.5	-0.0462	77.67	0.211	246.5	-0.2814
77.75	0.153	217.6	-0.0462	77.75	0.208	246.5	-0.2814
77.83	0.15	217.5	-0.0462	77.83	0.206	246.5	-0.2823
77.92	0.149	217.6	-0.047	77.93	0.203	246.5	-0.2823
78.00	0.146	217.6	-0.047	78.02	0.198	246.5	-0.2832
78.08	0.144	217.6	-0.047	78.08	0.196	246.5	-0.2832
78.17	0.137	217.5	-0.0479	78.17	0.193	246.5	-0.284
78.25	0.139	217.6	-0.0479	78.25	0.19	246.4	-0.2849
78.33	0.138	217.5	-0.0479	78.33	0.186	246.4	-0.2849
78.42	0.134	217.5	-0.0488	78.42	0.183	246.4	-0.2858
78.50	0.133	217.5	-0.0497	78.50	0.181	246.4	-0.2867
78.58	0.13	217.5	-0.0497	78.58	0.178	246.3	-0.2876
78.67	0.127	217.5	-0.0497	78.67	0.173	246.3	-0.2876
78.75	0.124	217.4	-0.0506	78.75	0.17	246.3	-0.2885
78.83	0.122	217.4	-0.0515	78.83	0.166	246.2	-0.2894
78.92	0.12	217.4	-0.0515	78.92	0.161	246.2	-0.2903
79.00	0.118	217.4	-0.0524	79.00	0.157	246.1	-0.2903
79.08	0.113	217.3	-0.0533	79.08	0.155	246.1	-0.292
79.17	0.11	217.3	-0.0541	79.17	0.15	246	-0.2929
79.25	0.106	217.3	-0.0541	79.25	0.145	245.9	-0.2947

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
79.33	0.105	217.3	-0.055	79.33	0.143	245.9	-0.2956
79.42	0.104	217.2	-0.055	79.43	0.138	245.8	-0.2965
79.50	0.1	217.2	-0.0559	79.50	0.131	245.7	-0.2974
79.58	0.094	217.1	-0.0568	79.58	0.128	245.7	-0.2982
79.67	0.091	217.1	-0.0568	79.67	0.125	245.6	-0.3
79.75	0.089	217	-0.0586	79.75	0.121	245.5	-0.3009
79.83	0.086	217	-0.0586	79.83	0.113	245.4	-0.3018
79.92	0.081	216.9	-0.0595	79.92	0.11	245.3	-0.3027
80.00	0.079	216.9	-0.0604	80.00	0.105	245.2	-0.3045
80.08	0.076	216.9	-0.0612	80.08	0.101	245.1	-0.3053
80.18	0.072	216.8	-0.0621	80.17	0.096	245.1	-0.3071
80.25	0.069	216.7	-0.063	80.25	0.092	245	-0.308
80.33	0.068	216.7	-0.0639	80.33	0.087	244.9	-0.3098
80.42	0.061	216.6	-0.0648	80.42	0.08	244.7	-0.3116
80.50	0.056	216.6	-0.0657	80.50	0.076	244.6	-0.3124
80.58	0.056	216.5	-0.0675	80.58	0.073	244.5	-0.3151
80.67	0.05	216.4	-0.0692	80.67	0.066	244.4	-0.3169
80.75	0.049	216.4	-0.0692	80.75	0.062	244.3	-0.3178
80.83	0.043	216.3	-0.071	80.85	0.058	244.1	-0.3196
80.92	0.041	216.2	-0.0728	80.92	0.052	244	-0.3213
81.00	0.036	216.2	-0.0728	81.00	0.044	243.8	-0.324
81.08	0.034	216.1	-0.0737	81.08	0.039	243.7	-0.3249
81.17	0.027	216	-0.0754	81.17	0.037	243.6	-0.3275
81.25	0.024	215.9	-0.0772	81.25	0.031	243.5	-0.3293
81.33	0.023	215.8	-0.0772	81.33	0.022	243.3	-0.3311
81.42	0.018	215.7	-0.079	81.42	0.02	243.2	-0.3329
81.50	0.015	215.7	-0.0799	81.50	0.015	243	-0.3364
81.60	0.013	215.6	-0.0808	81.58	0.009	242.9	-0.3382
81.67	0.006	215.5	-0.0826	81.67	0.004	242.7	-0.3409
81.75	0.005	215.4	-0.0834	81.75	0	242.6	-0.3426
81.83	0.001	215.3	-0.0852	81.83	-0.006	242.4	-0.3453
81.92	-0.001	215.3	-0.0861	81.92	-0.013	242.2	-0.348
82.00	-0.009	215.1	-0.0879	82.00	-0.018	242.1	-0.3497
82.08	-0.013	215	-0.0897	82.08	-0.023	241.9	-0.3533
82.17	-0.013	214.9	-0.0914	82.17	-0.031	241.8	-0.3568
82.25	-0.019	214.8	-0.0923	82.27	-0.032	241.6	-0.3586
82.33	-0.023	214.7	-0.0941	82.33	-0.035	241.5	-0.3604
82.42	-0.026	214.7	-0.095	82.42	-0.042	241.3	-0.3639
82.50	-0.027	214.6	-0.0968	82.50	-0.049	241	-0.3666
82.58	-0.035	214.5	-0.0985	82.58	-0.054	240.9	-0.3693
82.67	-0.039	214.3	-0.1003	82.67	-0.057	240.7	-0.3728
82.75	-0.041	214.3	-0.1021	82.75	-0.063	240.6	-0.3755
82.83	-0.044	214.2	-0.103	82.83	-0.07	240.3	-0.3781
82.92	-0.05	214	-0.1047	82.92	-0.074	240.2	-0.3808
83.00	-0.052	214	-0.1065	83.00	-0.078	240	-0.3861
83.10	-0.055	213.8	-0.1083	83.08	-0.083	239.9	-0.3888
83.17	-0.059	213.7	-0.1092	83.17	-0.087	239.7	-0.3923
83.25	-0.063	213.6	-0.111	83.25	-0.091	239.5	-0.395
83.33	-0.064	213.5	-0.1127	83.33	-0.098	239.4	-0.3986
83.42	-0.07	213.4	-0.1145	83.42	-0.102	239.2	-0.4012
83.50	-0.073	213.3	-0.1154	83.50	-0.106	239	-0.4057
83.58	-0.077	213.2	-0.1172	83.58	-0.111	238.9	-0.4083
83.67	-0.076	213.1	-0.1189	83.67	-0.116	238.7	-0.411
83.75	-0.083	213	-0.1216	83.77	-0.12	238.6	-0.4145
83.83	-0.086	212.9	-0.1225	83.83	-0.124	238.5	-0.4181
83.92	-0.087	212.8	-0.1234	83.92	-0.129	238.4	-0.4216
84.00	-0.09	212.7	-0.1252	84.00	-0.136	238.2	-0.4243
84.08	-0.095	212.6	-0.1269	84.08	-0.135	238.2	-0.4287
84.17	-0.1	212.5	-0.1287	84.17	-0.139	238.1	-0.4323
84.25	-0.101	212.4	-0.1314	84.25	-0.144	237.8	-0.4358

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
84.33	-0.105	212.2	-0.1323	84.33	-0.149	237.7	-0.4394
84.42	-0.105	212.2	-0.1331	84.42	-0.155	237.5	-0.4447
84.52	-0.109	212	-0.1349	84.50	-0.156	237.3	-0.4474
84.58	-0.112	211.9	-0.1367	84.58	-0.161	237.2	-0.4509
84.67	-0.114	211.9	-0.1385	84.67	-0.163	236.9	-0.4545
84.75	-0.118	211.7	-0.1394	84.75	-0.165	236.2	-0.458
84.83	-0.119	211.7	-0.1411	84.83	-0.172	236.1	-0.4616
84.92	-0.124	211.5	-0.1429	84.92	-0.174	235.9	-0.4642
85.00	-0.125	211.5	-0.1438	85.00	-0.177	235.8	-0.4696
85.08	-0.128	211.3	-0.1456	85.08	-0.181	235.7	-0.4731
85.17	-0.129	211.3	-0.1473	85.18	-0.185	235.5	-0.4767
85.25	-0.134	211.2	-0.1491	85.25	-0.186	235.4	-0.4793
85.33	-0.132	211.1	-0.15	85.33	-0.19	235.3	-0.4829
85.42	-0.134	211.1	-0.1509	85.42	-0.194	235.2	-0.4864
85.50	-0.136	211	-0.1527	85.50	-0.197	234.3	-0.4918
85.58	-0.141	210.9	-0.1536	85.58	-0.198	234.1	-0.4944
85.67	-0.141	210.8	-0.1544	85.67	-0.199	234	-0.4962
85.75	-0.141	210.7	-0.1562	85.75	-0.203	233.9	-0.4997
85.83	-0.144	210.7	-0.1571	85.83	-0.206	233.7	-0.5024
85.92	-0.146	210.6	-0.158	85.92	-0.207	233.5	-0.5068
86.02	-0.147	210.5	-0.1598	86.00	-0.209	233.4	-0.5104
86.08	-0.149	210.5	-0.1607	86.08	-0.211	233.2	-0.5131
86.17	-0.152	210.4	-0.1624	86.17	-0.212	233.1	-0.5157
86.25	-0.151	210.4	-0.1633	86.25	-0.215	233	-0.5184
86.33	-0.152	210.3	-0.1642	86.33	-0.217	232.8	-0.5228
86.42	-0.154	210.3	-0.1651	86.42	-0.218	232.6	-0.5255
86.50	-0.156	210.2	-0.166	86.50	-0.219	232.5	-0.529
86.58	-0.157	210.2	-0.1669	86.58	-0.22	232.3	-0.5317
86.67	-0.157	210.1	-0.1687	86.68	-0.221	232.2	-0.5335
86.75	-0.158	210.1	-0.1695	86.75	-0.222	232.1	-0.5361
86.83	-0.158	210.1	-0.1704	86.83	-0.223	232	-0.5379
86.92	-0.159	210.1	-0.1704	86.92	-0.224	231.8	-0.5406
87.00	-0.161	210	-0.1722	87.00	-0.225	231.7	-0.5432
87.08	-0.16	210	-0.1722	87.08	-0.226	231.6	-0.5459
87.17	-0.16	209.9	-0.1731	87.17	-0.226	231.6	-0.5477
87.25	-0.162	209.9	-0.174	87.25	-0.227	231.4	-0.5494
87.33	-0.162	209.9	-0.1749	87.33	-0.228	231.3	-0.5503
87.43	-0.161	209.9	-0.1749	87.42	-0.227	231.2	-0.553
87.50	-0.162	209.9	-0.1758	87.50	-0.227	231.2	-0.5548
87.58	-0.161	209.8	-0.1766	87.58	-0.228	231.1	-0.5557
87.67	-0.161	209.8	-0.1766	87.67	-0.226	231	-0.5566
87.75	-0.161	209.8	-0.1766	87.75	-0.227	231	-0.5574
87.83	-0.161	209.8	-0.1775	87.83	-0.226	230.9	-0.5583
87.92	-0.161	209.8	-0.1775	87.92	-0.226	230.8	-0.5592
88.00	-0.16	209.8	-0.1775	88.00	-0.225	230.8	-0.5601
88.08	-0.16	209.8	-0.1784	88.10	-0.224	230.7	-0.561
88.17	-0.159	209.8	-0.1784	88.17	-0.223	230.7	-0.561
88.25	-0.158	209.8	-0.1784	88.25	-0.222	230.7	-0.561
88.33	-0.158	209.8	-0.1784	88.33	-0.221	230.7	-0.561
88.42	-0.157	209.8	-0.1784	88.42	-0.22	230.7	-0.561
88.50	-0.157	209.8	-0.1784	88.50	-0.218	230.6	-0.5619
88.58	-0.154	209.7	-0.1784	88.58	-0.218	230.6	-0.561
88.67	-0.154	209.7	-0.1784	88.67	-0.215	230.6	-0.561
88.75	-0.153	209.7	-0.1784	88.75	-0.214	230.6	-0.561
88.83	-0.151	209.7	-0.1775	88.83	-0.212	230.6	-0.561
88.92	-0.15	209.7	-0.1775	88.92	-0.21	230.6	-0.5601
89.00	-0.149	209.8	-0.1775	89.00	-0.208	230.7	-0.5601
89.08	-0.147	209.8	-0.1775	89.08	-0.205	230.7	-0.5601
89.17	-0.145	209.8	-0.1766	89.17	-0.204	230.7	-0.5592
89.25	-0.144	209.8	-0.1766	89.25	-0.202	230.7	-0.5592

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
89.33	-0.143	209.8	-0.1766	89.33	-0.199	230.7	-0.5583
89.42	-0.142	209.8	-0.1766	89.42	-0.194	230.8	-0.5583
89.50	-0.138	209.8	-0.1758	89.50	-0.195	230.8	-0.5574
89.58	-0.137	209.8	-0.1758	89.60	-0.191	230.8	-0.5574
89.67	-0.134	209.8	-0.1749	89.67	-0.188	230.8	-0.5566
89.75	-0.132	209.8	-0.1749	89.75	-0.186	230.9	-0.5557
89.83	-0.129	209.8	-0.174	89.83	-0.183	230.9	-0.5557
89.92	-0.129	209.8	-0.174	89.92	-0.179	231	-0.5548
90.00	-0.125	209.8	-0.174	90.00	-0.175	231	-0.5539
90.08	-0.122	209.8	-0.1731	90.08	-0.173	231.1	-0.553
90.17	-0.121	209.8	-0.1722	90.17	-0.169	231.1	-0.5521
90.25	-0.119	209.9	-0.1722	90.25	-0.165	231.2	-0.5512
90.35	-0.116	209.9	-0.1713	90.33	-0.162	231.3	-0.5512
90.42	-0.113	209.9	-0.1713	90.42	-0.158	231.3	-0.5494
90.50	-0.11	209.9	-0.1704	90.50	-0.155	231.4	-0.5486
90.58	-0.107	209.9	-0.1695	90.58	-0.149	231.5	-0.5477
90.67	-0.105	210	-0.1695	90.67	-0.147	231.6	-0.5468
90.75	-0.102	210	-0.1687	90.75	-0.145	231.6	-0.5459
90.83	-0.101	210	-0.1678	90.83	-0.139	231.7	-0.545
90.92	-0.097	210.1	-0.1669	90.92	-0.132	231.8	-0.5432
91.00	-0.094	210.1	-0.1669	91.02	-0.131	231.8	-0.5423
91.08	-0.09	210.1	-0.166	91.08	-0.127	231.9	-0.5415
91.17	-0.088	210.2	-0.1651	91.17	-0.12	232	-0.5397
91.25	-0.083	210.2	-0.1642	91.25	-0.118	232	-0.5388
91.33	-0.082	210.3	-0.1642	91.33	-0.113	232.2	-0.537
91.42	-0.079	210.3	-0.1633	91.42	-0.107	232.3	-0.5352
91.50	-0.075	210.3	-0.1624	91.50	-0.102	232.3	-0.5344
91.58	-0.071	210.4	-0.1616	91.58	-0.101	232.4	-0.5326
91.67	-0.067	210.5	-0.1607	91.67	-0.096	232.6	-0.5317
91.77	-0.064	210.5	-0.1589	91.75	-0.088	232.7	-0.5299
91.83	-0.061	210.6	-0.1589	91.83	-0.082	232.9	-0.5281
91.92	-0.057	210.7	-0.158	91.92	-0.076	233.1	-0.5255
92.00	-0.057	210.8	-0.1571	92.00	-0.075	233.2	-0.5246
92.08	-0.052	210.8	-0.1553	92.08	-0.07	233.3	-0.5228
92.17	-0.047	210.9	-0.1544	92.17	-0.067	233.5	-0.5202
92.25	-0.044	210.9	-0.1536	92.25	-0.062	233.6	-0.5184
92.33	-0.041	211.1	-0.1527	92.33	-0.054	233.8	-0.5166
92.42	-0.035	211.1	-0.1509	92.43	-0.048	234	-0.5148
92.50	-0.031	211.2	-0.1509	92.50	-0.045	234.1	-0.5122
92.58	-0.029	211.3	-0.1491	92.58	-0.04	234.3	-0.5104
92.67	-0.025	211.4	-0.1473	92.67	-0.034	234.4	-0.5077
92.75	-0.021	211.5	-0.1465	92.75	-0.031	234.6	-0.506
92.83	-0.019	211.6	-0.1456	92.83	-0.023	234.8	-0.5024
92.92	-0.015	211.6	-0.1447	92.92	-0.016	235	-0.5006
93.00	-0.011	211.7	-0.1429	93.00	-0.014	235.1	-0.4989
93.08	-0.006	211.9	-0.142	93.08	-0.01	235.3	-0.4971
93.17	-0.002	212	-0.1402	93.17	-0.006	235.4	-0.4944
93.27	0	212.1	-0.1394	93.25	0.003	235.6	-0.4918
93.33	0.005	212.2	-0.1376	93.33	0.009	235.9	-0.49
93.42	0.009	212.4	-0.1367	93.42	0.013	236.1	-0.4855
93.50	0.012	212.4	-0.1349	93.50	0.017	236.3	-0.4838
93.58	0.015	212.5	-0.1331	93.58	0.024	236.5	-0.4811
93.67	0.02	212.6	-0.1323	93.67	0.026	236.6	-0.4784
93.75	0.023	212.7	-0.1305	93.75	0.033	236.8	-0.4758
93.83	0.025	212.8	-0.1296	93.83	0.042	237	-0.4731
93.92	0.031	212.9	-0.1278	93.93	0.046	237.3	-0.4713
94.00	0.035	213.1	-0.126	94.00	0.049	237.5	-0.4669
94.08	0.039	213.2	-0.1252	94.08	0.053	237.6	-0.4642
94.17	0.041	213.3	-0.1234	94.17	0.061	237.8	-0.4607
94.25	0.046	213.4	-0.1216	94.25	0.065	238.1	-0.458

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
94.33	0.049	213.5	-0.1198	94.33	0.07	238.3	-0.4545	
94.42	0.052	213.6	-0.1189	94.42	0.076	238.5	-0.4509	
94.50	0.056	213.7	-0.1172	94.50	0.081	238.7	-0.4483	
94.58	0.061	213.9	-0.1154	94.58	0.084	238.8	-0.4456	
94.68	0.064	214	-0.1136	94.67	0.088	239	-0.4429	
94.75	0.066	214.1	-0.1118	94.75	0.097	239.2	-0.4394	
94.83	0.07	214.2	-0.111	94.83	0.101	239.5	-0.4367	
94.92	0.078	214.4	-0.1092	94.92	0.103	239.7	-0.4314	
95.00	0.076	214.4	-0.1074	95.00	0.109	239.9	-0.4287	
95.08	0.081	214.5	-0.1056	95.08	0.115	240.1	-0.4252	
95.17	0.086	214.6	-0.1039	95.17	0.117	240.2	-0.4225	
95.25	0.087	214.7	-0.103	95.25	0.122	240.4	-0.419	
95.33	0.09	214.8	-0.1012	95.33	0.129	240.6	-0.4154	
95.42	0.095	214.9	-0.0994	95.42	0.134	240.9	-0.4128	
95.50	0.097	215.1	-0.0976	95.50	0.137	241	-0.4074	
95.58	0.102	215.2	-0.0959	95.58	0.14	241.3	-0.4057	
95.67	0.104	215.3	-0.0941	95.67	0.147	241.5	-0.4021	
95.75	0.108	215.4	-0.0923	95.75	0.151	241.7	-0.3994	
95.83	0.11	215.5	-0.0914	95.83	0.151	241.9	-0.395	
95.92	0.112	215.6	-0.0897	95.92	0.158	242.1	-0.3923	
96.00	0.115	215.7	-0.0888	96.00	0.162	242.3	-0.3888	
96.08	0.121	215.9	-0.087	96.08	0.165	242.4	-0.3852	
96.18	0.12	216	-0.0852	96.17	0.169	242.6	-0.3826	
96.25	0.123	216.1	-0.0843	96.25	0.175	242.8	-0.379	
96.33	0.127	216.2	-0.0826	96.33	0.178	243	-0.3764	
96.42	0.132	216.4	-0.0817	96.42	0.181	243.2	-0.371	
96.50	0.131	216.5	-0.0799	96.50	0.184	243.4	-0.3684	
96.58	0.134	216.6	-0.0781	96.58	0.188	243.6	-0.3657	
96.67	0.139	216.7	-0.0772	96.67	0.191	243.7	-0.3622	
96.75	0.138	216.7	-0.0763	96.75	0.193	243.9	-0.3595	
96.83	0.141	216.9	-0.0746	96.85	0.197	244.1	-0.3568	
96.92	0.144	217	-0.0728	96.92	0.201	244.3	-0.3533	
97.00	0.147	217.1	-0.0719	97.00	0.204	244.5	-0.3488	
97.08	0.148	217.2	-0.071	97.08	0.205	244.6	-0.3471	
97.17	0.152	217.3	-0.0692	97.17	0.209	244.8	-0.3435	
97.25	0.153	217.4	-0.0683	97.25	0.212	245	-0.3417	
97.33	0.152	217.4	-0.0675	97.33	0.215	245.2	-0.3373	
97.42	0.155	217.5	-0.0657	97.42	0.216	245.3	-0.3355	
97.50	0.157	217.6	-0.0648	97.50	0.219	245.5	-0.3329	
97.60	0.16	217.8	-0.063	97.58	0.22	245.6	-0.3311	
97.67	0.159	217.8	-0.0621	97.67	0.224	245.8	-0.3284	
97.75	0.163	217.9	-0.0612	97.75	0.225	245.9	-0.3267	
97.83	0.164	218	-0.0604	97.83	0.227	246.1	-0.324	
97.92	0.165	218.1	-0.0595	97.92	0.228	246.2	-0.3213	
98.00	0.166	218.2	-0.0586	98.00	0.227	246.4	-0.3196	
98.08	0.168	218.3	-0.0577	98.08	0.228	246.5	-0.3187	
98.17	0.167	218.4	-0.0577	98.17	0.229	246.6	-0.3169	
98.25	0.169	218.5	-0.0568	98.27	0.23	246.7	-0.316	
98.33	0.172	218.5	-0.0559	98.33	0.234	246.9	-0.3142	
98.42	0.173	218.6	-0.0559	98.42	0.235	247	-0.3124	
98.50	0.17	218.7	-0.055	98.50	0.236	247.1	-0.3098	
98.58	0.171	218.8	-0.0541	98.58	0.236	247.2	-0.3089	
98.67	0.172	218.8	-0.0533	98.67	0.239	247.3	-0.308	
98.75	0.174	218.9	-0.0524	98.75	0.239	247.5	-0.3071	
98.83	0.173	219	-0.0524	98.83	0.238	247.6	-0.3053	
98.92	0.174	219	-0.0515	98.92	0.239	247.7	-0.3045	
99.00	0.173	219.1	-0.0515	99.00	0.239	247.7	-0.3036	
99.08	0.171	219.2	-0.0515	99.08	0.239	247.8	-0.3027	
99.17	0.173	219.3	-0.0515	99.17	0.242	247.9	-0.3018	
99.25	0.172	219.3	-0.0506	99.25	0.24	248	-0.3009	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
99.33	0.172	219.4	-0.0506	99.33	0.24	248.1	-0.3
99.42	0.173	219.4	-0.0506	99.42	0.24	248.2	-0.2991
99.50	0.172	219.5	-0.0506	99.50	0.239	248.2	-0.2991
99.58	0.173	219.5	-0.0497	99.58	0.239	248.3	-0.2991
99.67	0.172	219.5	-0.0497	99.67	0.238	248.3	-0.2991
99.75	0.172	219.6	-0.0497	99.77	0.237	248.4	-0.2982
99.83	0.172	219.6	-0.0497	99.83	0.236	248.4	-0.2982
99.92	0.171	219.6	-0.0497	99.92	0.235	248.5	-0.2982
100.00	0.17	219.7	-0.0497	100.00	0.234	248.5	-0.2982
100.08	0.168	219.7	-0.0497	100.08	0.233	248.6	-0.2982
100.17	0.168	219.7	-0.0497	100.17	0.231	248.6	-0.2982
100.25	0.166	219.8	-0.0506	100.25	0.23	248.7	-0.2982
100.33	0.166	219.8	-0.0497	100.33	0.228	248.7	-0.2982
100.42	0.163	219.8	-0.0506	100.42	0.227	248.7	-0.2982
100.52	0.164	219.8	-0.0506	100.50	0.225	248.7	-0.2991
100.58	0.161	219.8	-0.0506	100.58	0.222	248.7	-0.2991
100.67	0.161	219.9	-0.0506	100.67	0.222	248.8	-0.2991
100.75	0.158	219.9	-0.0506	100.75	0.218	248.8	-0.3
100.83	0.157	219.9	-0.0506	100.83	0.216	248.8	-0.3
100.92	0.155	219.9	-0.0515	100.92	0.212	248.8	-0.3
101.00	0.153	219.9	-0.0524	101.00	0.211	248.8	-0.3009
101.08	0.151	219.9	-0.0524	101.08	0.209	248.8	-0.3009
101.17	0.15	219.9	-0.0524	101.18	0.206	248.8	-0.3018
101.25	0.148	219.9	-0.0524	101.25	0.204	248.8	-0.3018
101.33	0.146	219.9	-0.0524	101.33	0.201	248.8	-0.3018
101.42	0.144	219.9	-0.0533	101.42	0.197	248.8	-0.3027
101.50	0.142	219.9	-0.0533	101.50	0.193	248.7	-0.3036
101.58	0.139	219.9	-0.0541	101.58	0.191	248.7	-0.3036
101.67	0.137	219.9	-0.0541	101.67	0.186	248.7	-0.3045
101.75	0.135	219.9	-0.0541	101.75	0.184	248.7	-0.3053
101.83	0.133	219.8	-0.055	101.83	0.181	248.7	-0.3062
101.93	0.129	219.8	-0.0559	101.92	0.177	248.6	-0.3071
102.00	0.127	219.8	-0.0559	102.00	0.172	248.6	-0.3071
102.08	0.124	219.8	-0.0568	102.08	0.17	248.6	-0.308
102.17	0.123	219.8	-0.0568	102.17	0.168	248.5	-0.308
102.25	0.121	219.7	-0.0577	102.25	0.16	248.5	-0.3089
102.33	0.116	219.7	-0.0577	102.33	0.156	248.4	-0.3098
102.42	0.113	219.7	-0.0586	102.42	0.154	248.4	-0.3116
102.50	0.111	219.6	-0.0595	102.50	0.148	248.3	-0.3124
102.58	0.107	219.6	-0.0595	102.60	0.146	248.2	-0.3124
102.67	0.105	219.6	-0.0604	102.67	0.144	248.2	-0.3133
102.75	0.104	219.5	-0.0604	102.75	0.138	248.1	-0.3142
102.83	0.098	219.5	-0.0621	102.83	0.133	248	-0.316
102.92	0.094	219.5	-0.0621	102.92	0.128	247.9	-0.3169
103.00	0.092	219.4	-0.063	103.00	0.124	247.9	-0.3187
103.08	0.088	219.4	-0.0639	103.08	0.12	247.8	-0.3196
103.17	0.086	219.3	-0.0648	103.17	0.115	247.7	-0.3204
103.25	0.083	219.3	-0.0657	103.25	0.108	247.6	-0.3213
103.33	0.08	219.2	-0.0657	103.33	0.106	247.5	-0.3231
103.43	0.077	219.2	-0.0683	103.42	0.103	247.5	-0.324
103.50	0.073	219.1	-0.0683	103.50	0.095	247.3	-0.3258
103.58	0.068	219	-0.0701	103.58	0.092	247.2	-0.3267
103.67	0.066	219	-0.0701	103.67	0.085	247.1	-0.3284
103.75	0.063	218.9	-0.071	103.75	0.08	247	-0.3293
103.83	0.056	218.9	-0.0719	103.83	0.073	246.9	-0.3302
103.92	0.054	218.8	-0.0728	103.92	0.071	246.8	-0.3338
104.00	0.052	218.7	-0.0746	104.00	0.067	246.7	-0.3346
104.08	0.048	218.7	-0.0754	104.10	0.061	246.6	-0.3364
104.17	0.042	218.6	-0.0763	104.17	0.06	246.5	-0.3382
104.25	0.042	218.5	-0.0772	104.25	0.052	246.3	-0.34

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
104.33	0.038	218.4	-0.0781	104.33	0.044	246.2	-0.3417	
104.42	0.033	218.4	-0.079	104.42	0.04	246	-0.3426	
104.50	0.028	218.3	-0.0808	104.50	0.039	245.9	-0.3462	
104.58	0.026	218.2	-0.0817	104.58	0.033	245.8	-0.348	
104.67	0.022	218.1	-0.0834	104.67	0.024	245.6	-0.3497	
104.75	0.017	218	-0.0843	104.75	0.018	245.4	-0.3515	
104.85	0.013	217.9	-0.0852	104.83	0.016	245.3	-0.3542	
104.92	0.009	217.8	-0.0879	104.92	0.012	245.1	-0.3568	
105.00	0.007	217.8	-0.0888	105.00	0.002	244.9	-0.3595	
105.08	0.003	217.7	-0.0897	105.08	0	244.8	-0.3613	
105.17	0.001	217.6	-0.0905	105.17	-0.006	244.7	-0.3639	
105.25	-0.003	217.5	-0.0923	105.25	-0.014	244.5	-0.3657	
105.33	-0.008	217.4	-0.0932	105.33	-0.017	244.2	-0.3675	
105.42	-0.014	217.3	-0.095	105.42	-0.022	244.1	-0.3719	
105.50	-0.015	217.2	-0.0968	105.50	-0.027	243.9	-0.3746	
105.58	-0.019	217.1	-0.0976	105.58	-0.032	243.8	-0.3764	
105.67	-0.024	217	-0.0994	105.67	-0.038	243.6	-0.3799	
105.75	-0.025	216.9	-0.1012	105.75	-0.042	243.4	-0.3826	
105.83	-0.03	216.8	-0.1021	105.83	-0.047	243.2	-0.3861	
105.92	-0.035	216.8	-0.1039	105.92	-0.054	243	-0.3897	
106.00	-0.039	216.6	-0.1056	106.00	-0.057	242.8	-0.3923	
106.08	-0.041	216.5	-0.1074	106.08	-0.063	242.6	-0.3941	
106.17	-0.045	216.4	-0.1092	106.17	-0.071	242.5	-0.3968	
106.25	-0.05	216.3	-0.111	106.25	-0.074	242.2	-0.4003	
106.35	-0.053	216.2	-0.1118	106.33	-0.075	242.1	-0.4039	
106.42	-0.053	216.1	-0.1136	106.42	-0.083	241.9	-0.4074	
106.50	-0.058	215.9	-0.1154	106.50	-0.088	241.7	-0.4101	
106.58	-0.063	215.8	-0.1172	106.58	-0.092	241.5	-0.4136	
106.67	-0.064	215.7	-0.1181	106.67	-0.097	241.3	-0.4172	
106.75	-0.067	215.6	-0.1198	106.75	-0.103	241.1	-0.419	
106.83	-0.073	215.5	-0.1216	106.83	-0.11	240.8	-0.4225	
106.92	-0.078	215.4	-0.1234	106.92	-0.11	240.7	-0.4278	
107.00	-0.079	215.3	-0.1252	107.02	-0.115	240.5	-0.4305	
107.08	-0.082	215.2	-0.1269	107.08	-0.122	240.3	-0.4341	
107.17	-0.088	215.1	-0.1287	107.17	-0.122	240.1	-0.4376	
107.25	-0.086	215	-0.1296	107.25	-0.127	239.9	-0.4403	
107.33	-0.091	214.9	-0.1314	107.33	-0.133	239.7	-0.4456	
107.42	-0.096	214.8	-0.1331	107.42	-0.137	239.5	-0.4491	
107.50	-0.099	214.6	-0.134	107.50	-0.14	239.3	-0.4518	
107.58	-0.101	214.5	-0.1367	107.58	-0.145	239.1	-0.4554	
107.67	-0.103	214.5	-0.1376	107.67	-0.15	239	-0.4589	
107.77	-0.107	214.4	-0.1394	107.75	-0.154	238.7	-0.4616	
107.83	-0.109	214.2	-0.1402	107.83	-0.157	238.5	-0.4669	
107.92	-0.111	214.1	-0.1429	107.92	-0.159	238.4	-0.4704	
108.00	-0.114	214	-0.1438	108.00	-0.165	238.2	-0.474	
108.08	-0.118	213.9	-0.1456	108.08	-0.167	238.1	-0.4776	
108.17	-0.121	213.8	-0.1473	108.17	-0.171	237.9	-0.4802	
108.25	-0.121	213.8	-0.1482	108.25	-0.175	237.8	-0.4838	
108.33	-0.125	213.7	-0.15	108.33	-0.179	237.7	-0.4864	
108.42	-0.129	213.5	-0.1509	108.43	-0.181	237.5	-0.4918	
108.50	-0.129	213.4	-0.1527	108.50	-0.184	237.5	-0.4953	
108.58	-0.131	213.4	-0.1536	108.58	-0.188	237.4	-0.498	
108.67	-0.133	213.3	-0.1544	108.67	-0.189	237.3	-0.5015	
108.75	-0.134	213.2	-0.1562	108.75	-0.193	236.9	-0.506	
108.83	-0.136	213.1	-0.1571	108.83	-0.195	236.8	-0.5086	
108.92	-0.14	213	-0.1589	108.92	-0.198	236.7	-0.5122	
109.00	-0.141	212.9	-0.1598	109.00	-0.2	236.6	-0.5148	
109.08	-0.143	212.9	-0.1607	109.08	-0.202	236.4	-0.5175	
109.17	-0.144	212.8	-0.1624	109.17	-0.205	236.3	-0.5219	
109.25	-0.146	212.7	-0.1633	109.25	-0.206	236.2	-0.5237	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
109.33	-0.148	212.6	-0.1642	109.33	-0.208	235.4	-0.5281
109.42	-0.149	212.6	-0.166	109.42	-0.211	235.3	-0.5308
109.50	-0.15	212.5	-0.166	109.50	-0.213	235.1	-0.5335
109.58	-0.152	212.4	-0.1678	109.58	-0.214	235	-0.5361
109.67	-0.152	212.4	-0.1687	109.67	-0.217	234.9	-0.5388
109.75	-0.154	212.3	-0.1695	109.75	-0.217	234.7	-0.5415
109.83	-0.156	212.3	-0.1704	109.83	-0.219	234.6	-0.5432
109.92	-0.156	212.2	-0.1713	109.93	-0.22	234.4	-0.5468
110.00	-0.157	212.1	-0.1722	110.00	-0.221	234.3	-0.5486
110.08	-0.157	212.1	-0.1731	110.08	-0.224	234.2	-0.5512
110.17	-0.159	212	-0.174	110.17	-0.223	234	-0.553
110.25	-0.159	212	-0.1749	110.25	-0.225	233.9	-0.5557
110.33	-0.159	212	-0.1749	110.33	-0.225	233.8	-0.5574
110.42	-0.161	211.9	-0.1758	110.42	-0.226	233.7	-0.5592
110.50	-0.161	211.9	-0.1766	110.50	-0.227	233.6	-0.5601
110.58	-0.161	211.9	-0.1775	110.58	-0.227	233.5	-0.5619
110.68	-0.161	211.9	-0.1775	110.67	-0.227	233.5	-0.5637
110.75	-0.161	211.8	-0.1784	110.75	-0.227	233.2	-0.5645
110.83	-0.161	211.8	-0.1784	110.83	-0.227	233.1	-0.5663
110.92	-0.162	211.8	-0.1793	110.92	-0.227	233.1	-0.5672
111.00	-0.161	211.8	-0.1793	111.00	-0.227	233	-0.5681
111.08	-0.161	211.7	-0.1802	111.08	-0.228	232.9	-0.569
111.17	-0.161	211.7	-0.1802	111.17	-0.226	232.9	-0.5699
111.25	-0.16	211.7	-0.1802	111.25	-0.226	232.8	-0.5699
111.33	-0.16	211.7	-0.1802	111.35	-0.224	232.7	-0.5708
111.42	-0.159	211.7	-0.1802	111.42	-0.224	232.7	-0.5716
111.50	-0.159	211.6	-0.1802	111.50	-0.223	232.7	-0.5716
111.58	-0.158	211.6	-0.1802	111.58	-0.222	232.7	-0.5716
111.67	-0.158	211.6	-0.1802	111.67	-0.221	232.7	-0.5716
111.75	-0.157	211.6	-0.1802	111.75	-0.22	232.7	-0.5716
111.83	-0.156	211.6	-0.1802	111.83	-0.219	232.7	-0.5716
111.92	-0.155	211.6	-0.1802	111.92	-0.217	232.6	-0.5716
112.00	-0.153	211.6	-0.1802	112.00	-0.216	232.6	-0.5716
112.10	-0.153	211.6	-0.1802	112.08	-0.215	232.6	-0.5716
112.17	-0.152	211.6	-0.1802	112.17	-0.211	232.6	-0.5708
112.25	-0.15	211.6	-0.1802	112.25	-0.209	232.6	-0.5708
112.33	-0.148	211.6	-0.1802	112.33	-0.208	232.6	-0.5708
112.42	-0.147	211.6	-0.1793	112.42	-0.206	232.7	-0.5699
112.50	-0.144	211.6	-0.1793	112.50	-0.205	232.7	-0.5699
112.58	-0.145	211.6	-0.1793	112.58	-0.204	232.7	-0.569
112.67	-0.143	211.6	-0.1793	112.67	-0.198	232.7	-0.569
112.75	-0.139	211.6	-0.1784	112.75	-0.196	232.7	-0.5681
112.83	-0.137	211.6	-0.1784	112.83	-0.193	232.7	-0.5681
112.92	-0.138	211.6	-0.1784	112.92	-0.191	232.7	-0.5672
113.00	-0.135	211.6	-0.1775	113.00	-0.188	232.8	-0.5663
113.08	-0.132	211.6	-0.1775	113.08	-0.184	232.8	-0.5654
113.17	-0.131	211.6	-0.1766	113.17	-0.18	232.9	-0.5654
113.25	-0.129	211.6	-0.1766	113.25	-0.179	232.9	-0.5645
113.33	-0.126	211.6	-0.1758	113.33	-0.175	233	-0.5637
113.42	-0.125	211.7	-0.1758	113.42	-0.173	233	-0.5637
113.50	-0.122	211.7	-0.1758	113.50	-0.17	233	-0.5628
113.60	-0.117	211.8	-0.174	113.58	-0.165	233.1	-0.5619
113.67	-0.117	211.7	-0.174	113.67	-0.162	233.2	-0.5619
113.75	-0.112	211.8	-0.174	113.75	-0.155	233.2	-0.5601
113.83	-0.111	211.8	-0.1731	113.83	-0.154	233.3	-0.5583
113.92	-0.108	211.8	-0.1722	113.92	-0.15	233.3	-0.5583
114.00	-0.104	211.9	-0.1713	114.00	-0.147	233.4	-0.5574
114.08	-0.102	211.9	-0.1713	114.08	-0.144	233.5	-0.5557
114.17	-0.1	211.9	-0.1704	114.17	-0.14	233.5	-0.5548
114.25	-0.096	211.9	-0.1695	114.27	-0.133	233.6	-0.5539

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
114.33	-0.094	212	-0.1687	114.33	-0.129	233.7	-0.553
114.42	-0.089	212	-0.1687	114.42	-0.126	233.8	-0.5512
114.50	-0.087	212.1	-0.1678	114.50	-0.122	233.9	-0.5503
114.58	-0.083	212.1	-0.1669	114.58	-0.116	234	-0.5486
114.67	-0.082	212.2	-0.166	114.67	-0.111	234.1	-0.5477
114.75	-0.079	212.2	-0.1651	114.75	-0.108	234.2	-0.5459
114.83	-0.075	212.3	-0.1642	114.83	-0.102	234.4	-0.5441
114.92	-0.071	212.4	-0.1633	114.92	-0.099	234.5	-0.5432
115.02	-0.067	212.4	-0.1624	115.00	-0.096	234.6	-0.5415
115.08	-0.065	212.5	-0.1616	115.08	-0.091	234.7	-0.5397
115.17	-0.061	212.5	-0.1607	115.17	-0.083	234.9	-0.5388
115.25	-0.057	212.7	-0.1598	115.25	-0.078	235	-0.537
115.33	-0.054	212.7	-0.1589	115.33	-0.075	235.2	-0.5352
115.42	-0.051	212.8	-0.158	115.42	-0.069	235.3	-0.5326
115.50	-0.047	212.9	-0.1571	115.50	-0.065	235.4	-0.5317
115.58	-0.044	213	-0.1553	115.58	-0.061	235.6	-0.5299
115.67	-0.042	213	-0.1553	115.67	-0.056	235.7	-0.5273
115.75	-0.038	213.1	-0.1536	115.75	-0.049	236	-0.5264
115.83	-0.031	213.2	-0.1527	115.83	-0.042	236.2	-0.5237
115.92	-0.028	213.3	-0.1509	115.92	-0.04	236.3	-0.5202
116.00	-0.025	213.4	-0.15	116.00	-0.034	236.5	-0.5184
116.08	-0.022	213.5	-0.1491	116.08	-0.029	236.7	-0.5166
116.17	-0.018	213.6	-0.1473	116.17	-0.023	236.8	-0.5148
116.25	-0.016	213.7	-0.1465	116.25	-0.02	237	-0.5113
116.33	-0.011	213.8	-0.1456	116.33	-0.013	237.2	-0.5095
116.42	-0.006	213.9	-0.1438	116.42	-0.008	237.4	-0.5068
116.52	-0.004	214	-0.1429	116.50	-0.002	237.5	-0.5042
116.58	-0.001	214.1	-0.1411	116.58	0.001	237.7	-0.5024
116.67	0.005	214.2	-0.1402	116.67	0.009	238	-0.4997
116.75	0.01	214.3	-0.1394	116.75	0.014	238.1	-0.498
116.83	0.012	214.4	-0.1376	116.83	0.018	238.3	-0.4935
116.92	0.015	214.5	-0.1358	116.92	0.023	238.5	-0.4909
117.00	0.02	214.6	-0.134	117.00	0.029	238.7	-0.4882
117.08	0.023	214.7	-0.1331	117.08	0.033	238.9	-0.4855
117.17	0.026	214.8	-0.1305	117.18	0.036	239.1	-0.4838
117.25	0.03	214.9	-0.1305	117.25	0.046	239.3	-0.4802
117.33	0.035	215	-0.1287	117.33	0.05	239.5	-0.4776
117.42	0.038	215.1	-0.1269	117.42	0.055	239.7	-0.474
117.50	0.042	215.2	-0.1252	117.50	0.058	239.9	-0.4704
117.58	0.048	215.4	-0.1234	117.58	0.067	240.2	-0.4678
117.67	0.048	215.4	-0.1225	117.67	0.071	240.3	-0.466
117.75	0.051	215.5	-0.1216	117.75	0.075	240.5	-0.4616
117.83	0.057	215.7	-0.1189	117.83	0.078	240.7	-0.458
117.93	0.061	215.8	-0.1172	117.92	0.086	240.9	-0.4545
118.00	0.063	215.9	-0.1163	118.00	0.088	241.1	-0.4518
118.08	0.067	216.1	-0.1145	118.08	0.095	241.3	-0.4491
118.17	0.071	216.2	-0.1127	118.17	0.1	241.6	-0.4456
118.25	0.075	216.3	-0.1118	118.25	0.105	241.8	-0.4429
118.33	0.079	216.4	-0.1101	118.33	0.109	241.9	-0.4385
118.42	0.081	216.6	-0.1083	118.42	0.114	242.1	-0.4349
118.50	0.085	216.7	-0.1065	118.50	0.119	242.3	-0.4314
118.58	0.088	216.8	-0.1047	118.60	0.122	242.5	-0.4278
118.67	0.092	216.9	-0.103	118.67	0.127	242.7	-0.4252
118.75	0.094	217	-0.1021	118.75	0.131	243	-0.4216
118.83	0.099	217.1	-0.1003	118.83	0.138	243.2	-0.419
118.92	0.103	217.3	-0.0994	118.92	0.141	243.4	-0.4136
119.00	0.102	217.3	-0.0976	119.00	0.144	243.5	-0.411
119.08	0.108	217.5	-0.0959	119.08	0.15	243.8	-0.4083
119.17	0.11	217.6	-0.0941	119.17	0.154	244	-0.4065
119.25	0.112	217.7	-0.0923	119.25	0.155	244.2	-0.4021

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
119.33	0.114	217.8	-0.0914	119.33	0.16	244.4	-0.3994
119.42	0.119	217.9	-0.0897	119.42	0.164	244.6	-0.3968
119.50	0.121	218	-0.0879	119.50	0.165	244.8	-0.3932
119.58	0.124	218.1	-0.087	119.58	0.17	245	-0.3897
119.67	0.126	218.2	-0.0852	119.67	0.176	245.2	-0.387
119.75	0.13	218.4	-0.0843	119.75	0.179	245.4	-0.3835
119.83	0.132	218.5	-0.0834	119.83	0.182	245.6	-0.379
119.92	0.134	218.6	-0.0808	119.92	0.186	245.8	-0.3764
120.00	0.137	218.7	-0.0799	120.00	0.189	245.9	-0.3728
120.08	0.139	218.8	-0.079	120.10	0.194	246.1	-0.3693
120.17	0.143	218.9	-0.0772	120.17	0.195	246.3	-0.3666
120.25	0.144	219	-0.0763	120.25	0.2	246.5	-0.3639
120.33	0.146	219.1	-0.0754	120.33	0.202	246.7	-0.3613
120.42	0.148	219.2	-0.0746	120.42	0.204	246.8	-0.3568
120.50	0.149	219.3	-0.0728	120.50	0.206	247	-0.3551
120.58	0.151	219.4	-0.0719	120.58	0.21	247.2	-0.3515
120.67	0.151	219.5	-0.071	120.67	0.215	247.3	-0.3497
120.75	0.151	219.6	-0.071	120.75	0.215	247.5	-0.3462
120.85	0.155	219.8	-0.0692	120.83	0.217	247.6	-0.3435
120.92	0.157	219.9	-0.0683	120.92	0.22	247.7	-0.3409
121.00	0.159	219.9	-0.0675	121.00	0.22	247.9	-0.3391
121.08	0.16	220	-0.0657	121.08	0.224	248	-0.3373
121.17	0.162	220.1	-0.0648	121.17	0.226	248.2	-0.3346
121.25	0.164	220.2	-0.0639	121.25	0.227	248.3	-0.3329
121.33	0.165	220.3	-0.063	121.33	0.23	248.5	-0.3293
121.42	0.166	220.4	-0.0621	121.42	0.233	248.6	-0.3275
121.50	0.167	220.4	-0.0612	121.52	0.231	248.7	-0.3267
121.58	0.167	220.5	-0.0604	121.58	0.235	248.8	-0.3249
121.67	0.169	220.6	-0.0604	121.67	0.234	248.9	-0.3231
121.75	0.169	220.7	-0.0595	121.75	0.236	249	-0.3222
121.83	0.171	220.8	-0.0586	121.83	0.237	249.1	-0.3196
121.92	0.171	220.8	-0.0586	121.92	0.238	249.2	-0.3187
122.00	0.171	220.9	-0.0577	122.00	0.239	249.3	-0.3169
122.08	0.172	220.9	-0.0577	122.08	0.241	249.5	-0.316
122.17	0.171	221	-0.0568	122.17	0.239	249.5	-0.3151
122.27	0.172	221.1	-0.0568	122.25	0.242	249.7	-0.3133
122.33	0.172	221.1	-0.0559	122.33	0.24	249.7	-0.3133
122.42	0.173	221.2	-0.0559	122.42	0.242	249.8	-0.3116
122.50	0.175	221.2	-0.055	122.50	0.24	249.9	-0.3116
122.58	0.173	221.3	-0.055	122.58	0.241	250	-0.3107
122.67	0.173	221.3	-0.055	122.67	0.241	250.1	-0.3107
122.75	0.173	221.4	-0.055	122.75	0.24	250.1	-0.3098
122.83	0.173	221.4	-0.0541	122.83	0.239	250.2	-0.3098
122.92	0.172	221.5	-0.0541	122.92	0.239	250.3	-0.3089
123.00	0.172	221.5	-0.0541	123.00	0.239	250.3	-0.3089
123.08	0.172	221.5	-0.0541	123.08	0.238	250.4	-0.3089
123.17	0.171	221.6	-0.0541	123.17	0.237	250.4	-0.3089
123.25	0.17	221.6	-0.0541	123.25	0.236	250.5	-0.308
123.33	0.17	221.6	-0.0533	123.33	0.235	250.5	-0.3089
123.42	0.168	221.7	-0.0533	123.42	0.234	250.5	-0.308
123.50	0.167	221.7	-0.0533	123.50	0.233	250.6	-0.3089
123.58	0.167	221.7	-0.0533	123.58	0.23	250.6	-0.3089
123.67	0.166	221.7	-0.0533	123.67	0.23	250.6	-0.3089
123.77	0.164	221.8	-0.0533	123.75	0.227	250.7	-0.3089
123.83	0.164	221.8	-0.0533	123.83	0.226	250.7	-0.3089
123.92	0.161	221.8	-0.0541	123.92	0.223	250.7	-0.3098
124.00	0.16	221.8	-0.0541	124.00	0.222	250.7	-0.3098
124.08	0.159	221.8	-0.0541	124.08	0.219	250.7	-0.3098
124.17	0.157	221.8	-0.0541	124.17	0.216	250.7	-0.3107
124.25	0.153	221.8	-0.0541	124.25	0.214	250.7	-0.3107

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
124.33	0.155	221.8	-0.055	124.33	0.212	250.7	-0.3107
124.42	0.152	221.8	-0.055	124.43	0.21	250.7	-0.3116
124.50	0.151	221.8	-0.055	124.50	0.206	250.7	-0.3116
124.58	0.148	221.8	-0.055	124.58	0.205	250.7	-0.3124
124.67	0.148	221.8	-0.055	124.67	0.201	250.7	-0.3124
124.75	0.143	221.8	-0.0559	124.75	0.198	250.7	-0.3133
124.83	0.142	221.8	-0.0559	124.83	0.196	250.7	-0.3133
124.92	0.14	221.8	-0.0568	124.92	0.193	250.7	-0.3142
125.00	0.137	221.8	-0.0577	125.00	0.188	250.6	-0.3151
125.08	0.135	221.8	-0.0577	125.08	0.185	250.6	-0.3151
125.18	0.132	221.7	-0.0577	125.17	0.181	250.6	-0.316
125.27	0.131	221.7	-0.0586	125.25	0.178	250.5	-0.3169
125.33	0.127	221.7	-0.0595	125.33	0.176	250.5	-0.3169
125.42	0.126	221.7	-0.0595	125.42	0.17	250.5	-0.3187
125.50	0.123	221.7	-0.0595	125.50	0.168	250.4	-0.3187
125.58	0.119	221.6	-0.0604	125.58	0.163	250.4	-0.3196
125.67	0.115	221.6	-0.0604	125.67	0.157	250.3	-0.3204
125.75	0.113	221.6	-0.0612	125.75	0.155	250.3	-0.3213
125.83	0.11	221.6	-0.0621	125.83	0.152	250.2	-0.3222
125.92	0.109	221.5	-0.0621	125.92	0.146	250.1	-0.3231
126.00	0.106	221.5	-0.063	126.00	0.142	250.1	-0.324
126.08	0.1	221.4	-0.0639	126.08	0.14	250	-0.3249
126.17	0.098	221.4	-0.0639	126.17	0.133	249.9	-0.3267
126.25	0.093	221.3	-0.0639	126.25	0.129	249.9	-0.3275
126.33	0.093	221.3	-0.0657	126.33	0.125	249.8	-0.3284
126.42	0.09	221.3	-0.0657	126.42	0.122	249.7	-0.3293
126.50	0.086	221.2	-0.0675	126.50	0.116	249.6	-0.3311
126.58	0.083	221.2	-0.0683	126.58	0.107	249.5	-0.332
126.68	0.079	221.1	-0.0692	126.67	0.104	249.4	-0.3338
126.77	0.077	221.1	-0.0701	126.75	0.101	249.3	-0.3346
126.83	0.07	221	-0.071	126.83	0.096	249.2	-0.3364
126.92	0.07	220.9	-0.0719	126.92	0.092	249.1	-0.3373
127.00	0.064	220.9	-0.0728	127.00	0.087	249	-0.3391
127.08	0.063	220.8	-0.0737	127.08	0.082	248.9	-0.34
127.17	0.058	220.8	-0.0746	127.17	0.076	248.8	-0.3417
127.25	0.054	220.7	-0.0754	127.25	0.07	248.7	-0.3444
127.33	0.052	220.6	-0.0754	127.35	0.066	248.6	-0.3453
127.42	0.048	220.5	-0.0772	127.42	0.061	248.4	-0.3471
127.50	0.044	220.5	-0.079	127.50	0.057	248.3	-0.3488
127.58	0.037	220.4	-0.0808	127.58	0.052	248.2	-0.3506
127.67	0.037	220.3	-0.0808	127.67	0.046	248	-0.3533
127.75	0.032	220.3	-0.0817	127.75	0.039	247.9	-0.3551
127.83	0.026	220.2	-0.0826	127.83	0.039	247.8	-0.3568
127.92	0.024	220.1	-0.0843	127.92	0.029	247.6	-0.3586
128.00	0.022	220	-0.0861	128.00	0.025	247.5	-0.3604
128.10	0.018	219.9	-0.087	128.08	0.016	247.3	-0.3622
128.18	0.014	219.8	-0.0879	128.17	0.015	247.2	-0.3657
128.25	0.007	219.7	-0.0897	128.25	0.011	247	-0.3675
128.33	0.007	219.6	-0.0914	128.33	0.003	246.8	-0.3701
128.42	0.003	219.5	-0.0923	128.42	0	246.7	-0.3728
128.50	-0.001	219.4	-0.0941	128.50	-0.005	246.5	-0.3746
128.58	-0.003	219.4	-0.095	128.58	-0.012	246.4	-0.3772
128.67	-0.007	219.3	-0.0959	128.67	-0.018	246.1	-0.379
128.75	-0.012	219.2	-0.0976	128.77	-0.025	245.9	-0.3843
128.83	-0.017	219	-0.0994	128.83	-0.027	245.8	-0.3861
128.92	-0.018	219	-0.1012	128.92	-0.03	245.7	-0.3879
129.00	-0.025	218.8	-0.103	129.00	-0.035	245.5	-0.3906
129.08	-0.027	218.7	-0.1039	129.08	-0.04	245.3	-0.3932
129.17	-0.027	218.7	-0.1047	129.17	-0.049	245	-0.3977
129.25	-0.033	218.5	-0.1074	129.25	-0.054	244.8	-0.3994

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
129.33	-0.038	218.4	-0.1083	129.33	-0.057	244.7	-0.403
129.42	-0.043	218.3	-0.1101	129.42	-0.064	244.4	-0.4057
129.50	-0.045	218.2	-0.1127	129.50	-0.068	244.3	-0.4074
129.60	-0.048	218.1	-0.1136	129.58	-0.074	244	-0.4101
129.67	-0.054	218	-0.1145	129.67	-0.078	243.8	-0.4154
129.75	-0.057	217.8	-0.1163	129.75	-0.083	243.6	-0.4181
129.83	-0.06	217.7	-0.1189	129.83	-0.087	243.4	-0.4216
129.92	-0.063	217.6	-0.1198	129.92	-0.092	243.2	-0.4243
130.00	-0.067	217.5	-0.1216	130.00	-0.098	243.1	-0.4278
130.08	-0.066	217.5	-0.1225	130.08	-0.1	242.9	-0.4314
130.17	-0.071	217.3	-0.1243	130.17	-0.109	242.6	-0.4349
130.25	-0.077	217.2	-0.126	130.27	-0.111	242.4	-0.4394
130.33	-0.08	217.1	-0.1278	130.33	-0.116	242.2	-0.4429
130.42	-0.082	217	-0.1296	130.42	-0.121	242	-0.4456
130.50	-0.085	216.9	-0.1314	130.50	-0.123	241.8	-0.4491
130.58	-0.086	216.8	-0.1323	130.58	-0.128	241.6	-0.4536
130.67	-0.093	216.7	-0.1349	130.67	-0.13	241.4	-0.4562
130.75	-0.093	216.6	-0.1358	130.75	-0.14	241.1	-0.4616
130.83	-0.099	216.5	-0.1376	130.83	-0.141	241	-0.4642
130.92	-0.101	216.3	-0.1394	130.92	-0.144	240.8	-0.4669
131.02	-0.103	216.2	-0.1411	131.00	-0.147	240.6	-0.4704
131.08	-0.106	216.1	-0.142	131.08	-0.156	240.3	-0.474
131.17	-0.11	216	-0.1438	131.17	-0.156	240.2	-0.4793
131.25	-0.113	215.9	-0.1447	131.25	-0.16	240	-0.482
131.33	-0.114	215.8	-0.1473	131.33	-0.165	239.9	-0.4855
131.42	-0.116	215.7	-0.1482	131.42	-0.167	239.7	-0.4891
131.50	-0.12	215.6	-0.15	131.50	-0.169	239.5	-0.4926
131.58	-0.121	215.5	-0.1509	131.58	-0.175	239.4	-0.4962
131.67	-0.124	215.4	-0.1518	131.68	-0.179	239.2	-0.4989
131.75	-0.127	215.3	-0.1536	131.75	-0.18	239.1	-0.5033
131.83	-0.13	215.2	-0.1544	131.83	-0.183	239	-0.5068
131.92	-0.131	215.1	-0.1562	131.92	-0.187	238.9	-0.5104
132.00	-0.131	215	-0.1571	132.00	-0.191	238.8	-0.5139
132.08	-0.139	214.9	-0.1598	132.08	-0.193	238.7	-0.5184
132.17	-0.137	214.9	-0.1607	132.17	-0.196	238.4	-0.5219
132.25	-0.14	214.8	-0.1616	132.25	-0.197	238.3	-0.5246
132.33	-0.141	214.7	-0.1624	132.33	-0.199	238.2	-0.5273
132.43	-0.144	214.6	-0.1642	132.42	-0.201	238.2	-0.5299
132.50	-0.144	214.6	-0.1651	132.50	-0.205	238.1	-0.5326
132.58	-0.145	214.5	-0.166	132.58	-0.209	237.8	-0.5352
132.67	-0.147	214.5	-0.1669	132.67	-0.209	237.7	-0.5397
132.75	-0.15	214.4	-0.1678	132.75	-0.211	237.4	-0.5423
132.83	-0.15	214.4	-0.1695	132.83	-0.213	236.7	-0.5441
132.92	-0.153	214.3	-0.1704	132.92	-0.214	236.6	-0.5468
133.00	-0.152	214.3	-0.1713	133.00	-0.216	236.5	-0.5494
133.08	-0.154	214.2	-0.1722	133.08	-0.218	236.4	-0.5512
133.17	-0.154	214.2	-0.1722	133.18	-0.22	236.3	-0.5539
133.25	-0.156	214.2	-0.1731	133.25	-0.22	236.2	-0.5566
133.33	-0.157	214.1	-0.174	133.33	-0.221	236.1	-0.5592
133.42	-0.158	214.1	-0.1749	133.42	-0.222	236.1	-0.561
133.50	-0.159	214	-0.1758	133.50	-0.225	235.9	-0.5628
133.58	-0.159	214	-0.1766	133.58	-0.225	235.8	-0.5645
133.67	-0.16	214	-0.1766	133.67	-0.224	235.8	-0.5663
133.75	-0.161	213.9	-0.1775	133.75	-0.226	235.7	-0.5681
133.83	-0.161	213.9	-0.1784	133.83	-0.225	235.7	-0.569
133.93	-0.16	213.9	-0.1784	133.92	-0.228	235.6	-0.5708
134.00	-0.161	213.9	-0.1793	134.00	-0.226	235.6	-0.5725
134.08	-0.162	213.9	-0.1802	134.08	-0.227	235	-0.5734
134.17	-0.161	213.9	-0.1802	134.17	-0.227	234.8	-0.5743
134.25	-0.163	213.8	-0.1802	134.25	-0.226	234.7	-0.5752

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
134.33	-0.162	213.8	-0.1802	134.33	-0.227	234.7	-0.5761
134.42	-0.162	213.8	-0.1802	134.42	-0.227	234.6	-0.5777
134.50	-0.164	213.8	-0.1811	134.50	-0.226	234.6	-0.5777
134.58	-0.16	213.8	-0.1811	134.60	-0.225	234.5	-0.5779
134.67	-0.159	213.8	-0.1811	134.67	-0.225	234.4	-0.5779
134.75	-0.16	213.8	-0.1811	134.75	-0.224	234.4	-0.5787
134.83	-0.158	213.8	-0.1811	134.83	-0.223	234.3	-0.5787
134.92	-0.158	213.7	-0.1811	134.92	-0.222	234.3	-0.5787
135.00	-0.157	213.7	-0.1811	135.00	-0.221	234.3	-0.5787
135.08	-0.156	213.7	-0.1811	135.08	-0.22	234.2	-0.5787
135.17	-0.156	213.7	-0.1811	135.17	-0.219	234.2	-0.5787
135.25	-0.155	213.7	-0.1811	135.25	-0.217	234.2	-0.5787
135.35	-0.153	213.6	-0.1811	135.33	-0.215	234.2	-0.5787
135.42	-0.153	213.5	-0.1811	135.42	-0.213	234.2	-0.5787
135.50	-0.152	213.5	-0.1811	135.50	-0.211	234.2	-0.5779
135.58	-0.149	213.5	-0.1802	135.58	-0.21	234.2	-0.5779
135.67	-0.147	213.5	-0.1802	135.67	-0.208	234.2	-0.5779
135.75	-0.148	213.5	-0.1802	135.75	-0.206	234.2	-0.5777
135.83	-0.145	213.5	-0.1802	135.83	-0.203	234.3	-0.5777
135.92	-0.143	213.6	-0.1802	135.92	-0.202	234.3	-0.5777
136.00	-0.143	213.6	-0.1802	136.00	-0.2	234.3	-0.5761
136.08	-0.14	213.6	-0.1793	136.08	-0.195	234.3	-0.5752
136.17	-0.139	213.6	-0.1793	136.17	-0.192	234.4	-0.5752
136.25	-0.135	213.6	-0.1793	136.25	-0.192	234.4	-0.5743
136.33	-0.135	213.6	-0.1793	136.33	-0.187	234.5	-0.5734
136.42	-0.134	213.6	-0.1784	136.42	-0.185	234.5	-0.5734
136.50	-0.129	213.6	-0.1784	136.50	-0.181	234.6	-0.5725
136.58	-0.13	213.6	-0.1784	136.58	-0.179	234.6	-0.5716
136.67	-0.127	213.6	-0.1775	136.67	-0.175	234.7	-0.5708
136.75	-0.124	213.7	-0.1766	136.75	-0.171	234.7	-0.5699
136.85	-0.122	213.7	-0.1766	136.83	-0.17	234.8	-0.569
136.92	-0.118	213.7	-0.1758	136.92	-0.166	234.8	-0.569
137.00	-0.117	213.7	-0.1758	137.00	-0.162	234.9	-0.5681
137.08	-0.114	213.8	-0.1749	137.08	-0.156	235	-0.5672
137.17	-0.11	213.8	-0.174	137.17	-0.154	235	-0.5654
137.25	-0.106	213.8	-0.174	137.25	-0.151	235.1	-0.5654
137.33	-0.105	213.9	-0.1731	137.33	-0.145	235.2	-0.5637
137.42	-0.101	213.9	-0.1722	137.42	-0.144	235.3	-0.5628
137.50	-0.1	213.9	-0.1722	137.52	-0.138	235.3	-0.5619
137.58	-0.095	214	-0.1704	137.58	-0.133	235.4	-0.561
137.67	-0.095	214	-0.1704	137.67	-0.13	235.5	-0.5601
137.75	-0.09	214	-0.1695	137.75	-0.126	235.6	-0.5583
137.83	-0.087	214.1	-0.1687	137.83	-0.124	235.6	-0.5574
137.92	-0.085	214.1	-0.1687	137.92	-0.117	235.7	-0.5557
138.00	-0.08	214.2	-0.1678	138.00	-0.11	235.9	-0.5548
138.08	-0.078	214.2	-0.1669	138.08	-0.109	236	-0.553
138.17	-0.076	214.2	-0.166	138.17	-0.104	236.1	-0.5512
138.27	-0.071	214.3	-0.1651	138.25	-0.097	236.2	-0.5494
138.33	-0.068	214.3	-0.1642	138.33	-0.095	236.3	-0.5486
138.42	-0.064	214.4	-0.1633	138.42	-0.088	236.5	-0.5468
138.50	-0.059	214.4	-0.1616	138.50	-0.085	236.6	-0.5459
138.58	-0.059	214.5	-0.1616	138.58	-0.077	236.8	-0.5441
138.67	-0.053	214.5	-0.1607	138.67	-0.075	236.9	-0.5415
138.75	-0.049	214.6	-0.1598	138.75	-0.07	237.1	-0.5397
138.83	-0.048	214.7	-0.158	138.83	-0.064	237.2	-0.5379
138.92	-0.044	214.7	-0.1571	138.93	-0.061	237.4	-0.5361
139.00	-0.038	214.8	-0.1553	139.00	-0.056	237.5	-0.5344
139.08	-0.037	214.9	-0.1553	139.08	-0.048	237.7	-0.5326
139.17	-0.034	215	-0.1544	139.17	-0.043	237.9	-0.5308
139.25	-0.029	215	-0.1527	139.25	-0.043	238	-0.529

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)	500		
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)	210		
frequenza (hz)		0.00071429			frequenza (hz)	0.0007143		
139.33	-0.024	215.2	-0.1518	139.33	-0.037	238.2	-0.5273	
139.42	-0.023	215.3	-0.1509	139.42	-0.029	238.4	-0.5237	
139.50	-0.018	215.3	-0.1491	139.50	-0.021	238.6	-0.5228	
139.58	-0.013	215.4	-0.1482	139.58	-0.019	238.7	-0.5184	
139.67	-0.012	215.5	-0.1465	139.67	-0.014	238.9	-0.5157	
139.77	-0.007	215.6	-0.1456	139.75	-0.011	239.1	-0.5139	
139.83	-0.003	215.7	-0.1438	139.83	-0.004	239.2	-0.5113	
139.92	0.002	215.8	-0.1429	139.92	0	239.4	-0.5095	
140.00	0.003	215.9	-0.1411	140.00	0.008	239.6	-0.5068	
140.08	0.007	216.1	-0.1402	140.08	0.016	239.9	-0.5042	
140.17	0.013	216.2	-0.1385	140.17	0.016	240	-0.5006	
140.25	0.017	216.3	-0.1376	140.25	0.022	240.2	-0.4989	
140.33	0.019	216.4	-0.1358	140.33	0.027	240.4	-0.4953	
140.42	0.024	216.5	-0.134	140.43	0.032	240.6	-0.4935	
140.50	0.027	216.6	-0.1331	140.50	0.037	240.7	-0.4909	
140.58	0.029	216.7	-0.1314	140.58	0.046	240.9	-0.4873	
140.67	0.035	216.8	-0.1296	140.67	0.051	241.2	-0.4847	
140.75	0.04	216.9	-0.1287	140.75	0.052	241.4	-0.4811	
140.83	0.043	217	-0.1269	140.83	0.058	241.6	-0.4784	
140.92	0.045	217.1	-0.1252	140.92	0.063	241.8	-0.474	
141.00	0.049	217.2	-0.1234	141.00	0.072	242.1	-0.4722	
141.08	0.054	217.3	-0.1216	141.08	0.074	242.3	-0.4678	
141.18	0.057	217.5	-0.1207	141.17	0.079	242.4	-0.4651	
141.25	0.06	217.6	-0.1189	141.25	0.085	242.6	-0.4616	
141.33	0.064	217.7	-0.1172	141.33	0.085	242.8	-0.4598	
141.42	0.068	217.8	-0.1163	141.42	0.093	243.1	-0.4571	
141.50	0.068	217.9	-0.1145	141.50	0.099	243.2	-0.4536	
141.58	0.073	218	-0.1136	141.58	0.104	243.5	-0.4509	
141.67	0.078	218.1	-0.1118	141.67	0.107	243.7	-0.4447	
141.75	0.08	218.3	-0.1101	141.75	0.115	243.9	-0.442	
141.83	0.081	218.4	-0.1083	141.85	0.118	244.1	-0.4394	
141.92	0.086	218.5	-0.1074	141.92	0.121	244.3	-0.4358	
142.00	0.09	218.6	-0.1056	142.00	0.126	244.5	-0.4323	
142.08	0.094	218.8	-0.1039	142.08	0.132	244.7	-0.4287	
142.17	0.096	218.9	-0.1021	142.17	0.137	245	-0.4243	
142.25	0.1	219	-0.1012	142.25	0.138	245.1	-0.4216	
142.33	0.104	219.2	-0.0994	142.33	0.142	245.3	-0.419	
142.42	0.109	219.3	-0.0968	142.42	0.147	245.6	-0.4145	
142.50	0.11	219.4	-0.0959	142.50	0.154	245.8	-0.4119	
142.60	0.114	219.5	-0.0941	142.58	0.157	246	-0.4074	
142.67	0.114	219.6	-0.0932	142.67	0.159	246.2	-0.4057	
142.75	0.117	219.7	-0.0914	142.75	0.165	246.4	-0.4021	
142.83	0.12	219.8	-0.0905	142.83	0.167	246.5	-0.3986	
142.92	0.123	219.9	-0.0888	142.92	0.172	246.7	-0.3959	
143.00	0.125	220	-0.0879	143.00	0.177	246.9	-0.3923	
143.08	0.128	220.1	-0.087	143.08	0.18	247.1	-0.3897	
143.17	0.133	220.3	-0.0852	143.17	0.183	247.3	-0.3852	
143.25	0.132	220.4	-0.0843	143.25	0.186	247.5	-0.3817	
143.33	0.136	220.5	-0.0826	143.35	0.19	247.6	-0.379	
143.42	0.138	220.6	-0.0817	143.42	0.192	247.8	-0.3764	
143.50	0.14	220.7	-0.0799	143.50	0.197	248	-0.3728	
143.58	0.144	220.8	-0.0781	143.58	0.2	248.1	-0.3701	
143.67	0.144	220.9	-0.0781	143.67	0.202	248.3	-0.3666	
143.75	0.149	221	-0.0763	143.75	0.205	248.5	-0.3639	
143.83	0.148	221.1	-0.0754	143.83	0.207	248.6	-0.3613	
143.92	0.152	221.2	-0.0737	143.92	0.214	248.8	-0.3586	
144.00	0.152	221.2	-0.0728	144.00	0.213	248.9	-0.3559	
144.10	0.155	221.3	-0.0719	144.08	0.215	249.1	-0.3524	
144.17	0.157	221.5	-0.071	144.17	0.219	249.2	-0.3497	
144.25	0.16	221.6	-0.0692	144.25	0.22	249.4	-0.348	

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
144.33	0.159	221.6	-0.0692	144.33	0.222	249.5	-0.3453	
144.42	0.161	221.7	-0.0683	144.42	0.224	249.7	-0.3435	
144.50	0.162	221.8	-0.0675	144.50	0.226	249.8	-0.3417	
144.58	0.163	221.8	-0.0657	144.58	0.229	250	-0.3391	
144.67	0.166	221.9	-0.0648	144.67	0.228	250.1	-0.3364	
144.75	0.166	222	-0.0648	144.77	0.231	250.2	-0.3346	
144.83	0.169	222.1	-0.063	144.83	0.233	250.3	-0.3329	
144.92	0.167	222.2	-0.063	144.92	0.234	250.4	-0.3311	
145.00	0.171	222.2	-0.0621	145.00	0.236	250.5	-0.3293	
145.08	0.169	222.3	-0.0612	145.08	0.237	250.7	-0.3275	
145.17	0.171	222.4	-0.0612	145.17	0.239	250.8	-0.3258	
145.25	0.172	222.4	-0.0604	145.25	0.238	250.9	-0.3249	
145.33	0.172	222.5	-0.0604	145.33	0.241	251	-0.324	
145.42	0.174	222.6	-0.0595	145.42	0.241	251.1	-0.3231	
145.50	0.172	222.6	-0.0595	145.50	0.239	251.2	-0.3222	
145.58	0.173	222.7	-0.0586	145.58	0.241	251.3	-0.3204	
145.67	0.174	222.8	-0.0586	145.67	0.241	251.4	-0.3204	
145.75	0.174	222.8	-0.0577	145.75	0.241	251.5	-0.3196	
145.83	0.175	222.9	-0.0577	145.83	0.241	251.5	-0.3187	
145.92	0.173	222.9	-0.0577	145.92	0.241	251.6	-0.3178	
146.00	0.174	223	-0.0577	146.00	0.24	251.7	-0.3178	
146.08	0.175	223	-0.0568	146.08	0.24	251.8	-0.3169	
146.17	0.174	223	-0.0568	146.17	0.24	251.8	-0.3169	
146.25	0.173	223.1	-0.0568	146.25	0.24	251.9	-0.316	
146.33	0.173	223.1	-0.0568	146.33	0.239	251.9	-0.316	
146.42	0.174	223.1	-0.0568	146.42	0.238	252	-0.316	
146.50	0.172	223.2	-0.0568	146.50	0.239	252	-0.316	
146.58	0.171	223.2	-0.0568	146.58	0.237	252.1	-0.316	
146.67	0.171	223.2	-0.0568	146.67	0.235	252.1	-0.316	
146.75	0.17	223.2	-0.0568	146.75	0.234	252.2	-0.316	
146.83	0.169	223.3	-0.0568	146.83	0.233	252.2	-0.316	
146.92	0.167	223.3	-0.0568	146.92	0.231	252.2	-0.316	
147.02	0.166	223.3	-0.0568	147.00	0.229	252.3	-0.316	
147.08	0.166	223.3	-0.0568	147.08	0.228	252.3	-0.316	
147.17	0.165	223.4	-0.0568	147.17	0.225	252.3	-0.3169	
147.25	0.162	223.4	-0.0577	147.25	0.224	252.3	-0.3169	
147.33	0.161	223.4	-0.0577	147.33	0.222	252.3	-0.3169	
147.42	0.16	223.4	-0.0577	147.42	0.22	252.3	-0.3178	
147.50	0.158	223.4	-0.0586	147.50	0.217	252.3	-0.3178	
147.58	0.157	223.4	-0.0586	147.58	0.214	252.3	-0.3178	
147.67	0.155	223.4	-0.0586	147.68	0.213	252.4	-0.3187	
147.75	0.151	223.4	-0.0595	147.75	0.21	252.3	-0.3187	
147.83	0.151	223.4	-0.0595	147.83	0.207	252.3	-0.3196	
147.92	0.149	223.4	-0.0595	147.92	0.205	252.3	-0.3196	
148.00	0.147	223.4	-0.0595	148.00	0.201	252.3	-0.3204	
148.08	0.145	223.4	-0.0604	148.08	0.197	252.3	-0.3204	
148.17	0.143	223.4	-0.0604	148.17	0.196	252.3	-0.3213	
148.25	0.14	223.4	-0.0612	148.25	0.193	252.3	-0.3213	
148.33	0.138	223.3	-0.0612	148.33	0.189	252.2	-0.3222	
148.43	0.137	223.3	-0.0612	148.42	0.183	252.2	-0.3231	
148.50	0.134	223.3	-0.0621	148.50	0.177	252.2	-0.324	
148.58	0.13	223.3	-0.063	148.58	0.176	252.2	-0.3249	
148.67	0.127	223.3	-0.063	148.67	0.173	252.2	-0.3249	
148.75	0.125	223.2	-0.0639	148.75	0.169	252.1	-0.3258	
148.83	0.123	223.2	-0.0639	148.83	0.168	252.1	-0.3267	
148.92	0.118	223.2	-0.0648	148.92	0.163	252	-0.3275	
149.00	0.115	223.2	-0.0657	149.00	0.156	252	-0.3284	
149.08	0.113	223.2	-0.0657	149.10	0.153	251.9	-0.3284	
149.17	0.11	223.2	-0.0675	149.17	0.151	251.8	-0.3302	
149.25	0.108	223.1	-0.0675	149.25	0.146	251.8	-0.3311	

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
149.33	0.105	223.1	-0.0683	149.33	0.141	251.7	-0.332
149.42	0.101	223.1	-0.0692	149.42	0.139	251.7	-0.3329
149.50	0.1	223	-0.0701	149.50	0.135	251.6	-0.3338
149.58	0.096	223	-0.0701	149.58	0.128	251.5	-0.3355
149.67	0.093	223	-0.071	149.67	0.123	251.4	-0.3364
149.75	0.089	222.9	-0.0719	149.75	0.122	251.4	-0.3373
149.83	0.088	222.8	-0.0728	149.83	0.116	251.3	-0.3382
149.93	0.084	222.8	-0.0737	149.92	0.109	251.2	-0.34
150.00	0.08	222.7	-0.0746	150.00	0.104	251	-0.3409
150.08	0.075	222.7	-0.0754	150.08	0.101	251	-0.3426
150.17	0.071	222.6	-0.0754	150.17	0.095	250.9	-0.3435
150.25	0.069	222.6	-0.0772	150.25	0.092	250.8	-0.3453
150.33	0.065	222.5	-0.0781	150.33	0.088	250.7	-0.3462
150.42	0.061	222.4	-0.079	150.42	0.082	250.6	-0.348
150.50	0.059	222.4	-0.0799	150.50	0.075	250.4	-0.3497
150.58	0.056	222.3	-0.0808	150.60	0.071	250.3	-0.3506
150.67	0.05	222.2	-0.0817	150.67	0.066	250.2	-0.3533
150.75	0.048	222.1	-0.0826	150.75	0.061	250.1	-0.3551
150.83	0.044	222.1	-0.0843	150.83	0.058	250	-0.3559
150.92	0.041	222	-0.0861	150.92	0.051	249.8	-0.3586
151.00	0.039	222	-0.0861	151.00	0.046	249.6	-0.3604
151.08	0.034	221.9	-0.087	151.08	0.041	249.5	-0.3622
151.17	0.03	221.8	-0.0888	151.17	0.035	249.4	-0.3648
151.25	0.025	221.7	-0.0897	151.25	0.031	249.2	-0.3666
151.35	0.021	221.6	-0.0914	151.33	0.026	249.1	-0.3684
151.42	0.019	221.5	-0.0923	151.42	0.018	248.9	-0.3701
151.50	0.015	221.4	-0.0932	151.50	0.014	248.8	-0.3728
151.58	0.01	221.3	-0.0941	151.58	0.01	248.6	-0.3755
151.67	0.006	221.2	-0.0959	151.67	0.004	248.5	-0.3781
151.75	0.004	221.2	-0.0976	151.75	-0.001	248.3	-0.3799
151.83	-0.001	221.1	-0.0985	151.83	-0.005	248.1	-0.3826
151.92	-0.004	221	-0.1003	151.92	-0.01	248	-0.3852
152.00	-0.008	220.9	-0.1012	152.02	-0.02	247.8	-0.387
152.08	-0.012	220.8	-0.103	152.08	-0.023	247.6	-0.3897
152.17	-0.016	220.6	-0.1039	152.17	-0.026	247.4	-0.3932
152.25	-0.02	220.5	-0.1056	152.25	-0.032	247.2	-0.3959
152.33	-0.023	220.5	-0.1074	152.33	-0.039	247.1	-0.3994
152.42	-0.024	220.4	-0.1092	152.42	-0.044	246.8	-0.4012
152.50	-0.032	220.2	-0.111	152.50	-0.048	246.6	-0.4057
152.58	-0.033	220.1	-0.1118	152.58	-0.054	246.5	-0.4074
152.67	-0.037	220	-0.1136	152.67	-0.058	246.3	-0.4101
152.77	-0.043	219.9	-0.1154	152.75	-0.062	246.1	-0.4128
152.83	-0.043	219.8	-0.1163	152.83	-0.068	245.9	-0.4163
152.92	-0.046	219.7	-0.1181	152.92	-0.075	245.7	-0.419
153.00	-0.052	219.6	-0.1198	153.00	-0.081	245.4	-0.4216
153.08	-0.057	219.4	-0.1207	153.08	-0.084	245.2	-0.427
153.17	-0.059	219.3	-0.1225	153.17	-0.088	245	-0.4305
153.25	-0.062	219.2	-0.1252	153.25	-0.093	244.8	-0.4341
153.33	-0.065	219.1	-0.126	153.33	-0.097	244.6	-0.4367
153.42	-0.07	219	-0.1278	153.42	-0.1	244.4	-0.4394
153.50	-0.072	218.9	-0.1296	153.52	-0.108	244.2	-0.4429
153.58	-0.076	218.7	-0.1314	153.58	-0.11	243.9	-0.4465
153.67	-0.077	218.6	-0.1323	153.67	-0.115	243.7	-0.4509
153.75	-0.085	218.5	-0.1349	153.75	-0.12	243.6	-0.4545
153.83	-0.086	218.4	-0.1367	153.83	-0.125	243.4	-0.4571
153.92	-0.089	218.3	-0.1376	153.92	-0.129	243.1	-0.4607
154.00	-0.092	218.2	-0.1394	154.00	-0.133	242.9	-0.4651
154.08	-0.094	218.1	-0.1402	154.08	-0.137	242.7	-0.4696
154.17	-0.098	218	-0.142	154.17	-0.141	242.5	-0.4722
154.27	-0.101	217.8	-0.1438	154.25	-0.144	242.3	-0.4758

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)	500		
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)	210		
frequenza (hz)		0.00071429			frequenza (hz)	0.0007143		
154.33	-0.103	217.7	-0.1456	154.33	-0.148	242.2	-0.4793	
154.42	-0.105	217.6	-0.1465	154.42	-0.154	242	-0.4829	
154.50	-0.109	217.5	-0.1482	154.50	-0.157	241.7	-0.4855	
154.58	-0.113	217.4	-0.15	154.58	-0.16	241.5	-0.4909	
154.67	-0.114	217.3	-0.1509	154.67	-0.164	241.3	-0.4944	
154.75	-0.116	217.2	-0.1527	154.75	-0.167	241.1	-0.498	
154.83	-0.12	217.1	-0.1544	154.83	-0.17	241	-0.5015	
154.92	-0.121	217	-0.1553	154.93	-0.174	240.8	-0.5042	
155.00	-0.124	216.9	-0.1562	155.00	-0.178	240.7	-0.5077	
155.08	-0.126	216.9	-0.158	155.08	-0.183	240.5	-0.5104	
155.17	-0.129	216.7	-0.1589	155.17	-0.183	240.4	-0.5157	
155.25	-0.132	216.6	-0.1607	155.25	-0.186	240.3	-0.5184	
155.33	-0.133	216.6	-0.1624	155.33	-0.19	240.1	-0.5228	
155.42	-0.135	216.5	-0.1633	155.42	-0.193	240	-0.5255	
155.50	-0.138	216.4	-0.1642	155.50	-0.195	239.9	-0.5299	
155.58	-0.138	216.4	-0.1651	155.58	-0.198	239.9	-0.5326	
155.67	-0.141	216.3	-0.1669	155.67	-0.201	239.6	-0.5352	
155.75	-0.143	216.2	-0.1678	155.75	-0.201	239.5	-0.5379	
155.83	-0.144	216.1	-0.1695	155.83	-0.206	239.5	-0.5415	
155.92	-0.145	216	-0.1695	155.92	-0.207	239.3	-0.5441	
156.00	-0.148	215.9	-0.1713	156.00	-0.209	239	-0.5459	
156.08	-0.149	215.9	-0.1722	156.08	-0.21	239	-0.5494	
156.17	-0.151	215.8	-0.1731	156.17	-0.213	238.9	-0.5521	
156.25	-0.154	215.8	-0.1749	156.25	-0.214	238.8	-0.5548	
156.33	-0.153	215.8	-0.1758	156.33	-0.216	238	-0.5566	
156.42	-0.153	215.7	-0.1758	156.42	-0.217	237.9	-0.5592	
156.50	-0.154	215.7	-0.1766	156.50	-0.219	237.7	-0.561	
156.58	-0.156	215.7	-0.1775	156.58	-0.22	237.6	-0.5628	
156.67	-0.157	215.6	-0.1784	156.67	-0.222	237.4	-0.5663	
156.75	-0.157	215.6	-0.1784	156.75	-0.224	237.3	-0.5672	
156.83	-0.158	215.5	-0.1793	156.83	-0.224	237.1	-0.569	
156.92	-0.159	215.5	-0.1802	156.92	-0.225	237.1	-0.5708	
157.00	-0.16	215.5	-0.1802	157.00	-0.225	236.9	-0.5725	
157.08	-0.16	215.5	-0.1802	157.08	-0.225	236.8	-0.5743	
157.18	-0.16	215.4	-0.1811	157.17	-0.227	236.7	-0.5752	
157.25	-0.161	215.4	-0.182	157.25	-0.227	236.6	-0.577	
157.33	-0.161	215.4	-0.182	157.33	-0.228	236.6	-0.5779	
157.42	-0.161	215.4	-0.1829	157.42	-0.227	236.4	-0.5787	
157.50	-0.162	215.4	-0.1829	157.50	-0.227	236.2	-0.5796	
157.58	-0.163	215.3	-0.1829	157.58	-0.228	236.2	-0.5805	
157.67	-0.161	215.3	-0.1837	157.67	-0.227	236.1	-0.5814	
157.75	-0.161	215.3	-0.1837	157.75	-0.226	236.1	-0.5823	
157.83	-0.161	215.3	-0.1837	157.85	-0.226	236	-0.5823	
157.92	-0.161	215.3	-0.1846	157.92	-0.226	235.9	-0.5832	
158.00	-0.161	215.1	-0.1846	158.00	-0.226	235.9	-0.5832	
158.08	-0.16	215.1	-0.1846	158.08	-0.224	235.9	-0.5832	
158.17	-0.159	215.1	-0.1846	158.17	-0.223	235.8	-0.5841	
158.25	-0.158	215	-0.1846	158.25	-0.222	235.8	-0.5841	
158.33	-0.157	215	-0.1846	158.33	-0.221	235.8	-0.5841	
158.42	-0.157	215	-0.1846	158.42	-0.22	235.7	-0.5841	
158.50	-0.156	215	-0.1846	158.50	-0.219	235.7	-0.5841	
158.60	-0.155	215	-0.1846	158.58	-0.217	235.7	-0.5841	
158.67	-0.154	215	-0.1846	158.67	-0.215	235.7	-0.5832	
158.75	-0.153	215	-0.1837	158.75	-0.214	235.7	-0.5832	
158.83	-0.151	215	-0.1837	158.83	-0.212	235.7	-0.5832	
158.92	-0.15	215	-0.1837	158.92	-0.21	235.7	-0.5832	
159.00	-0.149	215	-0.1837	159.00	-0.207	235.7	-0.5823	
159.08	-0.146	215	-0.1829	159.08	-0.206	235.7	-0.5823	
159.17	-0.145	215	-0.1829	159.17	-0.202	235.8	-0.5814	
159.25	-0.144	215	-0.1829	159.27	-0.201	235.8	-0.5814	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
159.33	-0.142	215	-0.182	159.33	-0.2	235.8	-0.5805
159.42	-0.14	215	-0.182	159.42	-0.196	235.8	-0.5805
159.50	-0.139	215.1	-0.182	159.50	-0.193	235.9	-0.5796
159.58	-0.137	215	-0.182	159.58	-0.19	235.9	-0.5796
159.67	-0.133	215.1	-0.1811	159.67	-0.188	235.9	-0.5787
159.75	-0.132	215.1	-0.1802	159.75	-0.185	236	-0.5779
159.83	-0.13	215.1	-0.1802	159.83	-0.181	236.1	-0.5779
159.92	-0.128	215.1	-0.1802	159.92	-0.179	236.1	-0.577
160.00	-0.126	215.1	-0.1802	160.00	-0.175	236.2	-0.5761
160.10	-0.124	215.1	-0.1802	160.08	-0.173	236.2	-0.5752
160.17	-0.122	215.1	-0.1793	160.17	-0.169	236.3	-0.5743
160.25	-0.118	215.2	-0.1784	160.25	-0.165	236.4	-0.5734
160.33	-0.116	215.2	-0.1784	160.33	-0.161	236.4	-0.5725
160.42	-0.114	215.2	-0.1784	160.42	-0.156	236.5	-0.5716
160.50	-0.11	215.2	-0.1775	160.50	-0.154	236.6	-0.5708
160.58	-0.107	215.3	-0.1766	160.58	-0.151	236.7	-0.5699
160.67	-0.105	215.3	-0.1758	160.67	-0.146	236.7	-0.569
160.75	-0.103	215.3	-0.1758	160.77	-0.144	236.8	-0.5681
160.83	-0.1	215.4	-0.1749	160.83	-0.14	236.9	-0.5672
160.92	-0.098	215.4	-0.174	160.92	-0.135	236.9	-0.5663
161.00	-0.099	215.5	-0.174	161.00	-0.13	237.1	-0.5645
161.08	-0.089	215.5	-0.1722	161.08	-0.127	237.1	-0.5637
161.17	-0.086	215.5	-0.1722	161.17	-0.123	237.2	-0.5619
161.25	-0.084	215.6	-0.1713	161.25	-0.118	237.3	-0.561
161.33	-0.08	215.6	-0.1704	161.33	-0.109	237.4	-0.5601
161.42	-0.077	215.7	-0.1695	161.42	-0.108	237.5	-0.5583
161.52	-0.074	215.7	-0.1687	161.50	-0.103	237.6	-0.5566
161.58	-0.071	215.8	-0.1678	161.58	-0.101	237.7	-0.5557
161.67	-0.066	215.8	-0.1669	161.67	-0.093	237.9	-0.553
161.75	-0.066	215.8	-0.1669	161.75	-0.091	238	-0.5521
161.83	-0.062	215.9	-0.1651	161.83	-0.084	238.1	-0.5503
161.92	-0.058	215.9	-0.1642	161.92	-0.078	238.3	-0.5494
162.00	-0.054	216	-0.1633	162.00	-0.074	238.4	-0.5477
162.08	-0.049	216.1	-0.1624	162.08	-0.07	238.6	-0.545
162.17	-0.047	216.2	-0.1607	162.18	-0.062	238.7	-0.5423
162.25	-0.043	216.2	-0.1598	162.25	-0.062	238.8	-0.5415
162.33	-0.039	216.3	-0.1589	162.33	-0.057	239	-0.5397
162.42	-0.037	216.4	-0.158	162.42	-0.051	239.1	-0.5379
162.50	-0.033	216.5	-0.1571	162.50	-0.043	239.4	-0.5352
162.58	-0.03	216.5	-0.1553	162.58	-0.04	239.5	-0.5335
162.67	-0.024	216.7	-0.1544	162.67	-0.033	239.7	-0.5308
162.75	-0.022	216.7	-0.1536	162.75	-0.03	239.8	-0.529
162.83	-0.019	216.8	-0.1518	162.83	-0.023	240.1	-0.5273
162.92	-0.013	216.9	-0.1509	162.92	-0.015	240.3	-0.5246
163.00	-0.011	217.1	-0.15	163.00	-0.014	240.4	-0.5219
163.08	-0.007	217.1	-0.1482	163.08	-0.008	240.5	-0.5184
163.17	-0.004	217.2	-0.1465	163.17	-0.005	240.7	-0.5166
163.25	0.002	217.3	-0.1456	163.25	-0.001	240.9	-0.5139
163.33	0.003	217.4	-0.1438	163.33	0.005	241.1	-0.5122
163.42	0.007	217.5	-0.1429	163.42	0.014	241.4	-0.5086
163.50	0.012	217.6	-0.1411	163.50	0.018	241.6	-0.5068
163.58	0.014	217.8	-0.1411	163.58	0.022	241.7	-0.5033
163.67	0.017	217.9	-0.1385	163.68	0.028	241.9	-0.5006
163.75	0.023	218	-0.1367	163.75	0.034	242.1	-0.4971
163.83	0.028	218.1	-0.1358	163.83	0.038	242.3	-0.4944
163.92	0.03	218.2	-0.134	163.92	0.044	242.5	-0.4918
164.00	0.033	218.3	-0.1331	164.00	0.05	242.7	-0.4882
164.08	0.039	218.3	-0.1314	164.08	0.053	242.9	-0.4864
164.17	0.044	218.5	-0.1305	164.17	0.058	243.1	-0.4829
164.25	0.046	218.6	-0.1278	164.25	0.064	243.3	-0.4802

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
164.33	0.048	218.7	-0.1269	164.33	0.071	243.6	-0.4776	
164.43	0.054	218.9	-0.1252	164.42	0.075	243.8	-0.4731	
164.50	0.058	219	-0.1234	164.50	0.079	244	-0.4704	
164.58	0.059	219.1	-0.1216	164.58	0.085	244.2	-0.4669	
164.67	0.063	219.2	-0.1198	164.67	0.088	244.4	-0.4642	
164.75	0.067	219.4	-0.1189	164.75	0.092	244.5	-0.4607	
164.83	0.069	219.5	-0.1172	164.83	0.101	244.8	-0.4571	
164.92	0.071	219.6	-0.1163	164.92	0.106	245.1	-0.4545	
165.00	0.077	219.7	-0.1145	165.00	0.108	245.2	-0.4518	
165.08	0.081	219.8	-0.1127	165.10	0.113	245.5	-0.4465	
165.17	0.084	219.9	-0.111	165.17	0.118	245.7	-0.4429	
165.25	0.087	220.1	-0.1092	165.25	0.122	245.8	-0.4394	
165.33	0.089	220.2	-0.1083	165.33	0.127	246	-0.4358	
165.42	0.093	220.3	-0.1065	165.42	0.132	246.3	-0.4323	
165.50	0.096	220.4	-0.1047	165.50	0.137	246.5	-0.4287	
165.58	0.1	220.5	-0.1039	165.58	0.14	246.7	-0.4261	
165.67	0.104	220.7	-0.1021	165.67	0.144	246.8	-0.4225	
165.75	0.106	220.8	-0.1003	165.75	0.149	247	-0.419	
165.83	0.109	220.9	-0.0985	165.83	0.156	247.3	-0.4163	
165.92	0.113	221	-0.0976	165.92	0.158	247.5	-0.411	
166.00	0.114	221.2	-0.0959	166.00	0.161	247.7	-0.4083	
166.08	0.118	221.3	-0.0941	166.08	0.166	247.8	-0.4057	
166.17	0.12	221.4	-0.0932	166.17	0.169	248	-0.4021	
166.25	0.123	221.5	-0.0914	166.25	0.172	248.2	-0.3994	
166.33	0.125	221.5	-0.0905	166.33	0.175	248.4	-0.3959	
166.42	0.13	221.7	-0.0888	166.42	0.182	248.6	-0.3923	
166.50	0.133	221.7	-0.0879	166.50	0.185	248.8	-0.3879	
166.58	0.136	221.9	-0.087	166.58	0.187	248.9	-0.3852	
166.67	0.136	222	-0.0852	166.67	0.191	249.1	-0.3826	
166.75	0.14	222.1	-0.0834	166.75	0.194	249.2	-0.3799	
166.83	0.139	222.2	-0.0826	166.83	0.196	249.4	-0.3772	
166.92	0.143	222.3	-0.0817	166.92	0.198	249.7	-0.3728	
167.00	0.143	222.3	-0.0808	167.00	0.203	249.8	-0.3701	
167.08	0.148	222.4	-0.079	167.08	0.207	250	-0.3675	
167.17	0.152	222.6	-0.0781	167.17	0.208	250.1	-0.3648	
167.25	0.152	222.7	-0.0763	167.25	0.211	250.3	-0.363	
167.35	0.153	222.7	-0.0754	167.33	0.214	250.5	-0.3604	
167.42	0.158	222.8	-0.0746	167.42	0.216	250.6	-0.3568	
167.50	0.156	222.9	-0.0737	167.50	0.217	250.7	-0.3551	
167.58	0.158	223	-0.0728	167.58	0.222	250.9	-0.3524	
167.67	0.16	223.1	-0.0719	167.67	0.221	251	-0.3506	
167.75	0.162	223.1	-0.071	167.75	0.225	251.2	-0.348	
167.83	0.163	223.2	-0.0701	167.83	0.226	251.3	-0.3462	
167.92	0.164	223.3	-0.0692	167.92	0.229	251.5	-0.3444	
168.00	0.166	223.4	-0.0683	168.02	0.23	251.6	-0.3417	
168.08	0.167	223.5	-0.0683	168.08	0.232	251.7	-0.3391	
168.17	0.169	223.5	-0.0657	168.17	0.233	251.8	-0.3382	
168.25	0.168	223.6	-0.0657	168.25	0.236	251.9	-0.3364	
168.33	0.17	223.7	-0.0648	168.33	0.235	252.1	-0.3346	
168.42	0.17	223.7	-0.0648	168.42	0.238	252.2	-0.3329	
168.50	0.173	223.8	-0.0639	168.50	0.237	252.3	-0.332	
168.58	0.172	223.8	-0.0639	168.58	0.238	252.4	-0.3311	
168.67	0.173	223.9	-0.063	168.67	0.239	252.5	-0.3293	
168.77	0.173	224	-0.0621	168.75	0.242	252.6	-0.3284	
168.83	0.174	224.1	-0.0621	168.83	0.239	252.7	-0.3275	
168.92	0.174	224.1	-0.0612	168.92	0.242	252.8	-0.3267	
169.00	0.175	224.2	-0.0612	169.00	0.241	252.9	-0.3258	
169.08	0.174	224.2	-0.0612	169.08	0.241	253	-0.3249	
169.17	0.175	224.3	-0.0604	169.17	0.241	253	-0.3249	
169.25	0.174	224.4	-0.0604	169.25	0.241	253.1	-0.324	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
169.33	0.174	224.4	-0.0604	169.33	0.241	253.2	-0.3231
169.42	0.174	224.5	-0.0604	169.43	0.241	253.3	-0.3231
169.50	0.175	224.5	-0.0595	169.50	0.235	253.4	-0.3231
169.58	0.174	224.6	-0.0595	169.58	0.236	253.5	-0.3231
169.67	0.173	224.6	-0.0595	169.67	0.238	253.5	-0.3222
169.75	0.172	224.6	-0.0595	169.75	0.238	253.6	-0.3222
169.83	0.173	224.7	-0.0595	169.83	0.235	253.6	-0.3222
169.92	0.171	224.7	-0.0595	169.92	0.234	253.7	-0.3222
170.00	0.171	224.7	-0.0595	170.00	0.234	253.7	-0.3222
170.08	0.17	224.7	-0.0595	170.08	0.233	253.8	-0.3222
170.17	0.168	224.8	-0.0595	170.17	0.231	253.8	-0.3222
170.27	0.168	224.8	-0.0595	170.25	0.229	253.9	-0.3222
170.33	0.167	224.8	-0.0595	170.33	0.226	253.9	-0.3222
170.42	0.165	224.8	-0.0604	170.42	0.224	254	-0.3231
170.50	0.164	224.8	-0.0604	170.50	0.223	254	-0.3231
170.58	0.163	224.8	-0.0604	170.58	0.221	254	-0.3231
170.67	0.16	224.9	-0.0604	170.67	0.221	254	-0.3231
170.75	0.156	224.9	-0.0612	170.75	0.218	254	-0.324
170.83	0.155	224.9	-0.0612	170.83	0.215	254	-0.324
170.92	0.155	224.9	-0.0612	170.93	0.213	254	-0.324
171.00	0.153	224.9	-0.0612	171.00	0.211	254	-0.3249
171.08	0.152	224.9	-0.0612	171.08	0.209	254	-0.3249
171.17	0.15	224.9	-0.0621	171.17	0.205	254	-0.3258
171.25	0.148	224.9	-0.0621	171.25	0.201	254	-0.3258
171.33	0.146	224.9	-0.063	171.33	0.199	254	-0.3267
171.42	0.145	224.9	-0.063	171.42	0.196	254	-0.3275
171.50	0.142	224.9	-0.063	171.50	0.193	254	-0.3275
171.58	0.139	224.9	-0.0639	171.58	0.192	253.9	-0.3284
171.68	0.137	224.9	-0.0639	171.67	0.188	253.9	-0.3284
171.75	0.135	224.9	-0.0648	171.75	0.184	253.9	-0.3302
171.83	0.132	224.8	-0.0648	171.83	0.179	253.8	-0.3302
171.92	0.129	224.8	-0.0657	171.92	0.178	253.8	-0.3311
172.00	0.126	224.8	-0.0657	172.00	0.171	253.7	-0.332
172.08	0.125	224.8	-0.0675	172.08	0.169	253.7	-0.332
172.17	0.122	224.7	-0.0675	172.17	0.166	253.6	-0.3329
172.25	0.118	224.7	-0.0683	172.25	0.164	253.6	-0.3338
172.33	0.118	224.7	-0.0683	172.35	0.156	253.5	-0.3346
172.42	0.114	224.7	-0.0692	172.42	0.151	253.5	-0.3355
172.50	0.11	224.6	-0.0701	172.50	0.152	253.4	-0.3364
172.58	0.108	224.6	-0.0701	172.58	0.146	253.4	-0.3373
172.67	0.105	224.5	-0.071	172.67	0.14	253.3	-0.3382
172.75	0.102	224.5	-0.0719	172.75	0.136	253.2	-0.3391
172.83	0.098	224.5	-0.0728	172.83	0.135	253.1	-0.34
172.92	0.096	224.4	-0.0728	172.92	0.127	253	-0.3417
173.00	0.093	224.4	-0.0737	173.00	0.124	253	-0.3426
173.08	0.088	224.3	-0.0746	173.08	0.123	252.9	-0.3435
173.17	0.086	224.2	-0.0754	173.17	0.117	252.8	-0.3444
173.25	0.084	224.2	-0.0763	173.25	0.11	252.7	-0.3462
173.33	0.081	224.2	-0.0772	173.33	0.105	252.6	-0.3471
173.42	0.075	224.1	-0.0781	173.42	0.102	252.5	-0.3488
173.50	0.072	224	-0.0781	173.50	0.096	252.4	-0.3497
173.58	0.069	224	-0.0799	173.58	0.09	252.3	-0.3515
173.67	0.065	223.9	-0.0808	173.67	0.088	252.2	-0.3533
173.75	0.061	223.8	-0.0817	173.75	0.083	252.1	-0.3542
173.83	0.06	223.8	-0.0826	173.85	0.077	252	-0.3559
173.92	0.056	223.7	-0.0834	173.92	0.071	251.8	-0.3577
174.00	0.051	223.6	-0.0843	174.00	0.067	251.7	-0.3595
174.08	0.047	223.5	-0.0852	174.08	0.062	251.6	-0.3613
174.17	0.044	223.5	-0.087	174.17	0.058	251.5	-0.363
174.25	0.041	223.4	-0.0879	174.25	0.049	251.3	-0.3648

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
174.33	0.037	223.3	-0.0888	174.33	0.046	251.2	-0.3675	
174.42	0.034	223.2	-0.0897	174.42	0.044	251	-0.3693	
174.50	0.03	223.2	-0.0905	174.50	0.033	250.9	-0.3719	
174.60	0.026	223.1	-0.0923	174.58	0.033	250.8	-0.3728	
174.67	0.021	223	-0.0932	174.67	0.028	250.6	-0.3746	
174.75	0.019	222.9	-0.095	174.75	0.019	250.5	-0.3772	
174.83	0.015	222.8	-0.0959	174.83	0.015	250.3	-0.379	
174.92	0.01	222.8	-0.0968	174.92	0.007	250.1	-0.3835	
175.00	0.006	222.6	-0.0985	175.00	0.006	250	-0.3852	
175.08	0.006	222.6	-0.0994	175.08	-0.003	249.8	-0.3879	
175.17	-0.001	222.5	-0.1012	175.17	-0.005	249.6	-0.3897	
175.25	-0.005	222.4	-0.103	175.27	-0.008	249.5	-0.3914	
175.33	-0.008	222.3	-0.1039	175.33	-0.018	249.2	-0.395	
175.42	-0.011	222.2	-0.1056	175.42	-0.021	249	-0.3968	
175.50	-0.016	222.1	-0.1065	175.50	-0.027	248.9	-0.4003	
175.58	-0.022	221.9	-0.1083	175.58	-0.029	248.7	-0.403	
175.67	-0.022	221.8	-0.1101	175.67	-0.04	248.5	-0.4057	
175.75	-0.027	221.7	-0.1118	175.75	-0.041	248.3	-0.4074	
175.83	-0.031	221.6	-0.1127	175.83	-0.047	248.1	-0.411	
175.92	-0.032	221.6	-0.1136	175.92	-0.055	247.9	-0.4145	
176.00	-0.037	221.4	-0.1154	176.00	-0.056	247.8	-0.4163	
176.08	-0.041	221.3	-0.1181	176.08	-0.061	247.6	-0.4199	
176.17	-0.045	221.2	-0.1189	176.17	-0.067	247.4	-0.4225	
176.25	-0.048	221.1	-0.1207	176.25	-0.073	247.2	-0.4261	
176.33	-0.052	221	-0.1225	176.33	-0.081	246.9	-0.4287	
176.42	-0.057	220.9	-0.1243	176.42	-0.082	246.7	-0.4341	
176.50	-0.059	220.7	-0.1252	176.50	-0.086	246.5	-0.4367	
176.58	-0.062	220.6	-0.1278	176.58	-0.095	246.3	-0.4412	
176.67	-0.066	220.5	-0.1287	176.67	-0.096	246.1	-0.4429	
176.75	-0.07	220.4	-0.1305	176.75	-0.102	245.9	-0.4465	
176.83	-0.072	220.3	-0.1314	176.83	-0.107	245.7	-0.45	
176.92	-0.075	220.2	-0.1331	176.92	-0.113	245.4	-0.4536	
177.00	-0.08	220.1	-0.1349	177.00	-0.117	245.2	-0.458	
177.08	-0.084	219.9	-0.1358	177.08	-0.119	245	-0.4616	
177.17	-0.086	219.8	-0.1385	177.17	-0.125	244.8	-0.4651	
177.25	-0.088	219.7	-0.1402	177.25	-0.131	244.5	-0.4678	
177.33	-0.092	219.6	-0.142	177.33	-0.131	244.3	-0.4722	
177.42	-0.094	219.5	-0.1429	177.42	-0.136	244.1	-0.4767	
177.52	-0.099	219.3	-0.1456	177.50	-0.143	243.9	-0.4802	
177.58	-0.102	219.2	-0.1465	177.58	-0.143	243.8	-0.4829	
177.67	-0.103	219.1	-0.1473	177.67	-0.15	243.6	-0.4864	
177.75	-0.105	219	-0.1491	177.75	-0.154	243.4	-0.4891	
177.83	-0.108	218.9	-0.15	177.83	-0.158	243.1	-0.4926	
177.92	-0.111	218.8	-0.1518	177.92	-0.16	242.9	-0.498	
178.00	-0.116	218.6	-0.1536	178.00	-0.164	242.7	-0.5015	
178.08	-0.116	218.6	-0.1553	178.08	-0.167	242.6	-0.5042	
178.17	-0.119	218.5	-0.1562	178.18	-0.17	242.4	-0.5077	
178.25	-0.122	218.4	-0.158	178.25	-0.173	242.3	-0.5113	
178.33	-0.123	218.3	-0.1589	178.33	-0.178	242.1	-0.5148	
178.42	-0.126	218.2	-0.1598	178.42	-0.181	241.9	-0.5175	
178.50	-0.129	218.1	-0.1616	178.50	-0.182	241.8	-0.5228	
178.58	-0.131	218	-0.1624	178.58	-0.185	241.7	-0.5255	
178.67	-0.133	217.9	-0.1642	178.67	-0.189	241.6	-0.5299	
178.75	-0.134	217.8	-0.166	178.75	-0.193	241.4	-0.5326	
178.83	-0.138	217.7	-0.1669	178.83	-0.196	241.3	-0.537	
178.93	-0.139	217.6	-0.1678	178.92	-0.198	241.2	-0.5397	
179.00	-0.141	217.6	-0.1695	179.00	-0.2	241.1	-0.5423	
179.08	-0.142	217.5	-0.1704	179.08	-0.201	240.8	-0.545	
179.17	-0.145	217.4	-0.1713	179.17	-0.205	240.7	-0.5477	
179.25	-0.146	217.4	-0.1722	179.25	-0.209	240.7	-0.5503	

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)	500		
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)	210		
frequenza (hz)		0.00071429			frequenza (hz)	0.0007143		
179.33	-0.148	217.3	-0.1731	179.33	-0.209	240.5	-0.5521	
179.42	-0.149	217.2	-0.174	179.42	-0.211	240.3	-0.5557	
179.50	-0.151	217.1	-0.1749	179.50	-0.213	240.2	-0.5583	
179.58	-0.152	217.1	-0.1758	179.60	-0.215	240.2	-0.561	
179.67	-0.153	217.1	-0.1766	179.67	-0.216	240	-0.5628	
179.75	-0.153	217	-0.1775	179.75	-0.217	239.3	-0.5654	
179.83	-0.155	217	-0.1784	179.83	-0.219	239.1	-0.5672	
179.92	-0.156	217	-0.1793	179.92	-0.222	238.9	-0.569	
180.00	-0.158	216.9	-0.1793	180.00	-0.221	238.8	-0.5716	
180.08	-0.157	216.9	-0.1802	180.08	-0.223	238.7	-0.5734	
180.17	-0.158	216.8	-0.1802	180.17	-0.224	238.6	-0.5743	
180.25	-0.16	216.8	-0.1811	180.25	-0.225	238.5	-0.5761	
180.33	-0.16	216.8	-0.1811	180.33	-0.225	238.3	-0.5779	
180.43	-0.16	216.7	-0.182	180.42	-0.226	238.2	-0.5796	
180.50	-0.16	216.7	-0.1829	180.50	-0.226	238.2	-0.5805	
180.58	-0.161	216.7	-0.1829	180.58	-0.226	238.1	-0.5814	
180.67	-0.161	216.7	-0.1837	180.67	-0.227	238	-0.5823	
180.75	-0.162	216.6	-0.1837	180.75	-0.227	237.9	-0.5832	
180.83	-0.162	216.6	-0.1837	180.83	-0.227	237.8	-0.5841	
180.92	-0.162	216.6	-0.1846	180.92	-0.227	237.7	-0.585	
181.00	-0.161	216.6	-0.1846	181.00	-0.227	237.7	-0.5858	
181.08	-0.161	216.6	-0.1846	181.10	-0.226	237.6	-0.5867	
181.17	-0.161	216.6	-0.1846	181.17	-0.226	237.6	-0.5867	
181.25	-0.161	216.6	-0.1855	181.25	-0.226	237.5	-0.5867	
181.33	-0.161	216.5	-0.1855	181.33	-0.225	237.5	-0.5876	
181.42	-0.16	216.5	-0.1855	181.42	-0.224	237.4	-0.5876	
181.50	-0.159	216.5	-0.1855	181.50	-0.223	237.4	-0.5876	
181.58	-0.158	216.5	-0.1855	181.58	-0.223	237.3	-0.5885	
181.67	-0.158	216.5	-0.1855	181.67	-0.221	237.3	-0.5885	
181.75	-0.157	216.5	-0.1855	181.75	-0.219	237.3	-0.5876	
181.85	-0.155	216.5	-0.1855	181.83	-0.218	237.3	-0.5876	
181.92	-0.155	216.5	-0.1855	181.92	-0.217	237.3	-0.5876	
182.00	-0.154	216.5	-0.1855	182.00	-0.215	237.3	-0.5876	
182.08	-0.153	216.3	-0.1855	182.08	-0.214	237.2	-0.5867	
182.17	-0.151	216.3	-0.1846	182.17	-0.212	237.2	-0.5867	
182.25	-0.15	216.3	-0.1846	182.25	-0.21	237.2	-0.5867	
182.33	-0.149	216.3	-0.1846	182.33	-0.207	237.3	-0.5867	
182.42	-0.147	216.3	-0.1837	182.42	-0.206	237.3	-0.5858	
182.50	-0.146	216.3	-0.1837	182.52	-0.203	237.3	-0.5858	
182.58	-0.144	216.3	-0.1837	182.58	-0.201	237.3	-0.585	
182.67	-0.142	216.3	-0.1837	182.67	-0.199	237.3	-0.585	
182.75	-0.14	216.3	-0.1829	182.75	-0.197	237.3	-0.5841	
182.83	-0.139	216.3	-0.1829	182.83	-0.193	237.4	-0.5832	
182.92	-0.138	216.3	-0.182	182.92	-0.191	237.4	-0.5832	
183.00	-0.134	216.4	-0.182	183.00	-0.189	237.5	-0.5823	
183.08	-0.132	216.4	-0.182	183.08	-0.185	237.5	-0.5823	
183.17	-0.13	216.4	-0.1811	183.17	-0.181	237.5	-0.5814	
183.25	-0.128	216.4	-0.1811	183.25	-0.178	237.6	-0.5805	
183.35	-0.126	216.4	-0.1802	183.33	-0.176	237.7	-0.5796	
183.42	-0.124	216.4	-0.1802	183.42	-0.174	237.7	-0.5796	
183.50	-0.121	216.4	-0.1802	183.50	-0.168	237.8	-0.5779	
183.58	-0.119	216.5	-0.1802	183.58	-0.166	237.8	-0.5779	
183.67	-0.115	216.5	-0.1793	183.67	-0.163	237.9	-0.577	
183.75	-0.114	216.5	-0.1784	183.75	-0.157	238	-0.5761	
183.83	-0.109	216.5	-0.1784	183.83	-0.154	238.1	-0.5752	
183.92	-0.106	216.6	-0.1775	183.92	-0.15	238.2	-0.5734	
184.00	-0.105	216.6	-0.1775	184.02	-0.146	238.3	-0.5725	
184.08	-0.102	216.6	-0.1766	184.08	-0.141	238.3	-0.5716	
184.17	-0.099	216.7	-0.1758	184.17	-0.139	238.4	-0.5708	
184.25	-0.097	216.7	-0.1749	184.25	-0.136	238.5	-0.5699	

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
184.33	-0.094	216.7	-0.1749	184.33	-0.129	238.7	-0.5681
184.42	-0.091	216.8	-0.174	184.42	-0.126	238.7	-0.5672
184.50	-0.086	216.8	-0.1731	184.50	-0.123	238.8	-0.5663
184.58	-0.083	216.9	-0.1722	184.58	-0.117	238.9	-0.5645
184.67	-0.081	216.9	-0.1713	184.67	-0.112	239	-0.5637
184.77	-0.078	217	-0.1704	184.75	-0.107	239.2	-0.5619
184.83	-0.077	217	-0.1704	184.83	-0.104	239.3	-0.5601
184.92	-0.07	217.1	-0.1695	184.92	-0.096	239.4	-0.5583
185.00	-0.067	217.1	-0.1678	185.00	-0.094	239.4	-0.5574
185.08	-0.065	217.1	-0.1669	185.08	-0.09	239.5	-0.5557
185.17	-0.062	217.2	-0.166	185.17	-0.088	239.6	-0.5548
185.25	-0.059	217.2	-0.1651	185.25	-0.078	239.8	-0.553
185.33	-0.054	217.3	-0.1642	185.33	-0.074	239.9	-0.5512
185.42	-0.05	217.4	-0.1633	185.43	-0.07	240	-0.5486
185.50	-0.046	217.4	-0.1624	185.50	-0.065	240.2	-0.5468
185.58	-0.044	217.5	-0.1616	185.58	-0.061	240.3	-0.5459
185.67	-0.04	217.6	-0.1598	185.67	-0.056	240.4	-0.5432
185.75	-0.037	217.7	-0.1589	185.75	-0.05	240.6	-0.5406
185.83	-0.031	217.8	-0.1571	185.83	-0.044	240.8	-0.5388
185.92	-0.031	217.8	-0.1571	185.92	-0.035	240.9	-0.5361
186.00	-0.024	218	-0.1553	186.00	-0.036	241.1	-0.5352
186.08	-0.021	218.1	-0.1544	186.08	-0.03	241.3	-0.5326
186.17	-0.018	218.1	-0.1527	186.17	-0.023	241.4	-0.5308
186.25	-0.015	218.2	-0.1518	186.25	-0.015	241.7	-0.529
186.33	-0.009	218.4	-0.1509	186.33	-0.014	241.9	-0.5255
186.42	-0.006	218.4	-0.1491	186.42	-0.009	242	-0.5237
186.50	-0.003	218.5	-0.1473	186.50	-0.002	242.2	-0.5202
186.58	0.001	218.6	-0.1465	186.58	0.001	242.4	-0.5175
186.67	0.004	218.7	-0.1447	186.67	0.005	242.5	-0.5157
186.75	0.007	218.8	-0.1438	186.75	0.015	242.7	-0.5131
186.83	0.012	219	-0.142	186.83	0.019	243	-0.5113
186.92	0.017	219.1	-0.1411	186.93	0.022	243.2	-0.5068
187.00	0.02	219.2	-0.1402	187.00	0.028	243.3	-0.5042
187.08	0.024	219.3	-0.1376	187.08	0.034	243.5	-0.5015
187.17	0.028	219.4	-0.1367	187.17	0.038	243.7	-0.4989
187.25	0.03	219.5	-0.1349	187.25	0.044	244	-0.4944
187.33	0.034	219.6	-0.134	187.33	0.049	244.2	-0.4926
187.42	0.036	219.7	-0.1323	187.42	0.055	244.4	-0.4891
187.50	0.043	219.9	-0.1305	187.50	0.058	244.5	-0.4864
187.58	0.046	220	-0.1296	187.58	0.062	244.7	-0.4838
187.68	0.048	220.1	-0.1278	187.67	0.074	245	-0.4802
187.75	0.052	220.2	-0.126	187.75	0.074	245.2	-0.4784
187.83	0.058	220.4	-0.1243	187.83	0.079	245.4	-0.474
187.92	0.06	220.5	-0.1225	187.92	0.084	245.6	-0.4704
188.00	0.063	220.6	-0.1207	188.00	0.091	245.8	-0.4669
188.08	0.067	220.7	-0.1198	188.08	0.095	246	-0.4633
188.17	0.071	220.8	-0.1181	188.17	0.098	246.2	-0.4607
188.25	0.073	220.9	-0.1163	188.25	0.105	246.4	-0.4571
188.33	0.078	221	-0.1154	188.35	0.11	246.7	-0.4545
188.42	0.083	221.2	-0.1136	188.42	0.115	246.9	-0.4491
188.50	0.084	221.3	-0.1127	188.50	0.119	247.1	-0.4465
188.58	0.088	221.4	-0.1101	188.58	0.123	247.3	-0.4429
188.67	0.091	221.5	-0.1083	188.67	0.128	247.5	-0.4403
188.75	0.094	221.6	-0.1074	188.75	0.131	247.7	-0.4358
188.83	0.097	221.7	-0.1056	188.83	0.135	247.9	-0.4323
188.92	0.092	221.8	-0.1056	188.92	0.143	248.1	-0.4278
189.00	0.105	222	-0.103	189.00	0.144	248.3	-0.4252
189.10	0.107	222.1	-0.1012	189.08	0.151	248.5	-0.4216
189.17	0.107	222.2	-0.1003	189.17	0.156	248.6	-0.4199
189.25	0.113	222.3	-0.0985	189.25	0.158	248.9	-0.4163

Prova triassiale ciclica SNME07-C3								
pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
189.33	0.117	222.4	-0.0976	189.33	0.162	249	-0.4119	
189.42	0.118	222.5	-0.0959	189.42	0.166	249.2	-0.4083	
189.50	0.12	222.6	-0.0941	189.50	0.17	249.4	-0.4057	
189.58	0.123	222.7	-0.0932	189.58	0.172	249.6	-0.403	
189.67	0.125	222.9	-0.0914	189.67	0.175	249.8	-0.3994	
189.75	0.129	223	-0.0905	189.77	0.181	250	-0.3959	
189.83	0.13	223	-0.0897	189.83	0.185	250.2	-0.3932	
189.92	0.134	223.2	-0.0879	189.92	0.188	250.4	-0.3888	
190.00	0.136	223.3	-0.087	190.00	0.19	250.5	-0.3861	
190.08	0.138	223.4	-0.0852	190.08	0.193	250.7	-0.3835	
190.17	0.142	223.5	-0.0834	190.17	0.197	250.9	-0.3808	
190.25	0.141	223.5	-0.0834	190.25	0.199	251.1	-0.3772	
190.33	0.144	223.6	-0.0817	190.33	0.203	251.2	-0.3746	
190.42	0.147	223.7	-0.0808	190.42	0.207	251.4	-0.371	
190.50	0.149	223.8	-0.0799	190.50	0.208	251.5	-0.3684	
190.60	0.15	223.9	-0.0781	190.58	0.211	251.7	-0.3666	
190.67	0.152	224	-0.0772	190.67	0.214	251.8	-0.3639	
190.75	0.154	224.1	-0.0763	190.75	0.218	252.1	-0.3613	
190.83	0.156	224.2	-0.0754	190.83	0.219	252.2	-0.3586	
190.92	0.158	224.3	-0.0746	190.92	0.219	252.3	-0.3559	
191.00	0.159	224.4	-0.0737	191.00	0.223	252.5	-0.3542	
191.08	0.161	224.5	-0.0728	191.08	0.224	252.6	-0.3515	
191.17	0.164	224.6	-0.0719	191.17	0.227	252.7	-0.3497	
191.25	0.163	224.6	-0.071	191.27	0.23	252.8	-0.348	
191.33	0.165	224.7	-0.0701	191.33	0.229	253	-0.3462	
191.42	0.165	224.8	-0.0701	191.42	0.231	253.1	-0.3435	
191.50	0.168	224.9	-0.0692	191.50	0.233	253.3	-0.3417	
191.58	0.168	224.9	-0.0683	191.58	0.236	253.4	-0.3409	
191.67	0.169	225	-0.0675	191.67	0.235	253.5	-0.34	
191.75	0.17	225.1	-0.0675	191.75	0.236	253.6	-0.3373	
191.83	0.173	225.1	-0.0657	191.83	0.238	253.7	-0.3364	
191.92	0.17	225.2	-0.0657	191.92	0.238	253.9	-0.3355	
192.02	0.169	225.3	-0.0648	192.00	0.24	254	-0.3338	
192.08	0.17	225.4	-0.0648	192.08	0.239	254.1	-0.3329	
192.17	0.173	225.5	-0.0639	192.17	0.24	254.1	-0.332	
192.25	0.172	225.5	-0.0639	192.25	0.241	254.3	-0.3311	
192.33	0.172	225.6	-0.0639	192.33	0.238	254.4	-0.3311	
192.42	0.174	225.6	-0.063	192.42	0.238	254.5	-0.3302	
192.50	0.174	225.7	-0.063	192.50	0.238	254.6	-0.3302	
192.58	0.174	225.7	-0.0621	192.58	0.238	254.6	-0.3293	
192.67	0.172	225.7	-0.0621	192.68	0.24	254.7	-0.3293	
192.75	0.173	225.8	-0.0621	192.75	0.238	254.8	-0.3293	
192.83	0.172	225.8	-0.0621	192.83	0.238	254.9	-0.3284	
192.92	0.172	225.9	-0.0621	192.92	0.238	254.9	-0.3284	
193.00	0.173	225.9	-0.0621	193.00	0.237	255	-0.3275	
193.08	0.171	225.9	-0.0621	193.08	0.236	255	-0.3275	
193.17	0.171	226	-0.0621	193.17	0.236	255.1	-0.3275	
193.25	0.17	226	-0.0621	193.25	0.236	255.1	-0.3275	
193.33	0.169	226	-0.0621	193.33	0.233	255.2	-0.3275	
193.42	0.169	226	-0.0621	193.42	0.232	255.2	-0.3275	
193.52	0.167	226.1	-0.0621	193.50	0.231	255.2	-0.3275	
193.58	0.166	226.1	-0.0621	193.58	0.228	255.3	-0.3284	
193.67	0.165	226.1	-0.0621	193.67	0.227	255.3	-0.3284	
193.75	0.164	226.1	-0.0621	193.75	0.225	255.3	-0.3284	
193.83	0.162	226.1	-0.0621	193.83	0.225	255.3	-0.3284	
193.92	0.161	226.2	-0.063	193.92	0.221	255.3	-0.3293	
194.00	0.161	226.2	-0.063	194.00	0.221	255.4	-0.3293	
194.08	0.158	226.2	-0.063	194.08	0.218	255.4	-0.3293	
194.17	0.157	226.2	-0.063	194.18	0.216	255.4	-0.3293	
194.25	0.155	226.2	-0.0639	194.25	0.212	255.4	-0.3302	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
194.33	0.153	226.2	-0.0639	194.33	0.21	255.4	-0.3302
194.42	0.15	226.2	-0.0639	194.42	0.208	255.4	-0.3311
194.50	0.15	226.2	-0.0648	194.50	0.206	255.4	-0.3311
194.58	0.149	226.2	-0.0648	194.58	0.201	255.4	-0.332
194.67	0.145	226.2	-0.0648	194.67	0.199	255.4	-0.332
194.75	0.145	226.2	-0.0648	194.75	0.197	255.3	-0.3329
194.83	0.142	226.1	-0.0657	194.83	0.192	255.3	-0.3329
194.93	0.139	226.1	-0.0657	194.92	0.192	255.3	-0.3338
195.00	0.137	226.1	-0.0675	195.00	0.188	255.3	-0.3338
195.08	0.136	226.1	-0.0675	195.08	0.185	255.2	-0.3346
195.17	0.132	226.1	-0.0683	195.17	0.181	255.2	-0.3355
195.25	0.13	226.1	-0.0683	195.25	0.176	255.1	-0.3364
195.33	0.127	226	-0.0692	195.33	0.173	255.1	-0.3373
195.42	0.124	226	-0.0692	195.42	0.171	255.1	-0.3373
195.50	0.123	226	-0.0701	195.50	0.166	255	-0.3382
195.58	0.118	225.9	-0.071	195.60	0.161	255	-0.3391
195.67	0.117	225.9	-0.071	195.67	0.158	254.9	-0.34
195.75	0.114	225.9	-0.0719	195.75	0.152	254.9	-0.3409
195.83	0.109	225.9	-0.0719	195.83	0.151	254.8	-0.3409
195.92	0.108	225.8	-0.0728	195.92	0.146	254.7	-0.3426
196.00	0.104	225.8	-0.0737	196.00	0.14	254.7	-0.3435
196.08	0.103	225.7	-0.0737	196.08	0.138	254.6	-0.3444
196.17	0.1	225.7	-0.0746	196.17	0.131	254.5	-0.3453
196.25	0.094	225.6	-0.0754	196.25	0.129	254.4	-0.3471
196.33	0.094	225.6	-0.0754	196.33	0.126	254.3	-0.348
196.42	0.089	225.5	-0.0772	196.42	0.119	254.2	-0.3488
196.50	0.087	225.5	-0.0772	196.50	0.117	254.2	-0.3497
196.58	0.083	225.4	-0.0781	196.58	0.111	254.1	-0.3515
196.67	0.08	225.4	-0.079	196.67	0.104	253.9	-0.3524
196.75	0.075	225.3	-0.0799	196.75	0.101	253.9	-0.3533
196.83	0.069	225.2	-0.0799	196.83	0.097	253.7	-0.3551
196.92	0.069	225.2	-0.0817	196.92	0.092	253.6	-0.3568
197.00	0.066	225.1	-0.0826	197.00	0.086	253.5	-0.3586
197.08	0.062	225.1	-0.0834	197.10	0.082	253.4	-0.3595
197.17	0.059	225	-0.0843	197.17	0.075	253.3	-0.3613
197.25	0.056	224.9	-0.0852	197.25	0.07	253.1	-0.363
197.33	0.051	224.9	-0.087	197.33	0.065	253	-0.3639
197.42	0.046	224.8	-0.087	197.42	0.061	252.9	-0.3666
197.50	0.046	224.7	-0.0888	197.50	0.053	252.7	-0.3684
197.58	0.041	224.6	-0.0897	197.58	0.053	252.6	-0.3693
197.67	0.037	224.5	-0.0905	197.67	0.043	252.4	-0.3719
197.75	0.034	224.5	-0.0923	197.75	0.044	252.3	-0.3737
197.85	0.029	224.3	-0.0932	197.83	0.035	252.1	-0.3764
197.92	0.026	224.3	-0.0941	197.92	0.031	252	-0.3781
198.00	0.022	224.2	-0.0959	198.00	0.025	251.9	-0.3808
198.08	0.019	224.1	-0.0968	198.08	0.023	251.7	-0.3817
198.17	0.015	224	-0.0976	198.17	0.012	251.5	-0.3852
198.25	0.01	223.9	-0.0994	198.25	0.009	251.4	-0.387
198.33	0.006	223.8	-0.1003	198.33	0.005	251.2	-0.3897
198.42	0.004	223.7	-0.1021	198.42	0.001	251.1	-0.3914
198.50	0.001	223.6	-0.103	198.52	-0.008	250.9	-0.395
198.58	-0.006	223.5	-0.1047	198.58	-0.01	250.7	-0.3968
198.67	-0.007	223.4	-0.1065	198.67	-0.017	250.5	-0.3994
198.75	-0.01	223.3	-0.1074	198.75	-0.024	250.3	-0.4021
198.83	-0.017	223.2	-0.1092	198.83	-0.025	250.1	-0.4048
198.92	-0.02	223.1	-0.1101	198.92	-0.031	250	-0.4074
199.00	-0.024	223	-0.1127	199.00	-0.036	249.8	-0.4092
199.08	-0.026	222.9	-0.1136	199.08	-0.044	249.5	-0.4128
199.17	-0.031	222.8	-0.1154	199.17	-0.05	249.3	-0.4145
199.27	-0.035	222.7	-0.1163	199.25	-0.053	249.1	-0.419

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
199.33	-0.037	222.6	-0.1181	199.33	-0.058	248.9	-0.4225
199.42	-0.041	222.5	-0.1198	199.42	-0.06	248.8	-0.4243
199.50	-0.045	222.4	-0.1216	199.50	-0.066	248.6	-0.4278
199.58	-0.047	222.3	-0.1225	199.58	-0.072	248.4	-0.4314
199.67	-0.051	222.1	-0.1243	199.67	-0.079	248.1	-0.4349
199.75	-0.056	222	-0.1252	199.75	-0.083	247.9	-0.4376
199.83	-0.06	221.9	-0.1269	199.83	-0.084	247.7	-0.442
199.92	-0.062	221.8	-0.1296	199.93	-0.092	247.5	-0.4456
200.00	-0.065	221.7	-0.1314	200.00	-0.097	247.3	-0.4491
200.08	-0.069	221.6	-0.1323	200.08	-0.1	247.1	-0.4518
200.17	-0.072	221.4	-0.134	200.17	-0.106	246.9	-0.4554
200.25	-0.076	221.3	-0.1358	200.25	-0.113	246.6	-0.4589
200.33	-0.079	221.2	-0.1376	200.33	-0.116	246.4	-0.4633
200.42	-0.084	221.1	-0.1385	200.42	-0.119	246.3	-0.4669
200.50	-0.086	221	-0.1411	200.50	-0.122	246.1	-0.4696
200.58	-0.087	220.9	-0.142	200.58	-0.132	245.7	-0.4731
200.67	-0.093	220.8	-0.1438	200.67	-0.132	245.6	-0.4767
200.77	-0.095	220.6	-0.1456	200.75	-0.137	245.3	-0.482
200.83	-0.098	220.5	-0.1473	200.83	-0.141	245.1	-0.4847
200.92	-0.1	220.4	-0.1482	200.92	-0.146	244.9	-0.4891
201.00	-0.105	220.3	-0.15	201.00	-0.149	244.8	-0.4918
201.08	-0.106	220.2	-0.1509	201.08	-0.152	244.5	-0.4953
201.17	-0.109	220.1	-0.1527	201.17	-0.159	244.2	-0.4989
201.25	-0.11	220	-0.1536	201.25	-0.16	244.1	-0.5015
201.33	-0.118	219.8	-0.1553	201.33	-0.164	243.9	-0.5077
201.42	-0.117	219.8	-0.1571	201.43	-0.169	243.7	-0.5113
201.50	-0.119	219.7	-0.1589	201.50	-0.17	243.5	-0.5139
201.58	-0.122	219.6	-0.1598	201.58	-0.173	243.4	-0.5166
201.67	-0.124	219.5	-0.1607	201.67	-0.177	243.2	-0.5202
201.75	-0.125	219.4	-0.1616	201.75	-0.181	242.9	-0.5255
201.83	-0.129	219.3	-0.1633	201.83	-0.184	242.8	-0.529
201.92	-0.132	219.2	-0.1642	201.92	-0.186	242.7	-0.5317
202.00	-0.133	219.1	-0.166	202.00	-0.189	242.6	-0.5344
202.08	-0.135	219	-0.1669	202.08	-0.193	242.4	-0.5379
202.18	-0.139	218.9	-0.1687	202.17	-0.195	242.3	-0.5406
202.25	-0.139	218.8	-0.1695	202.25	-0.197	242.3	-0.545
202.33	-0.141	218.7	-0.1704	202.33	-0.2	242.2	-0.5477
202.42	-0.144	218.7	-0.1713	202.42	-0.202	241.9	-0.5503
202.50	-0.144	218.6	-0.1722	202.50	-0.204	241.8	-0.553
202.58	-0.146	218.5	-0.1731	202.58	-0.207	241.7	-0.5548
202.67	-0.147	218.5	-0.1749	202.67	-0.21	241.6	-0.5574
202.75	-0.15	218.4	-0.1758	202.75	-0.211	241.3	-0.5601
202.83	-0.15	218.3	-0.1758	202.85	-0.212	241.2	-0.5637
202.92	-0.151	218.2	-0.1775	202.92	-0.214	241.1	-0.5654
203.00	-0.153	218.2	-0.1784	203.00	-0.217	240.9	-0.5672
203.08	-0.154	218.2	-0.1784	203.08	-0.216	240.9	-0.5699
203.17	-0.154	218.1	-0.1793	203.17	-0.218	240.1	-0.5725
203.25	-0.156	218.1	-0.1802	203.25	-0.221	240	-0.5743
203.33	-0.158	218.1	-0.1802	203.33	-0.222	239.9	-0.5761
203.42	-0.157	218	-0.1802	203.42	-0.221	239.8	-0.577
203.50	-0.158	218	-0.1811	203.50	-0.224	239.7	-0.5787
203.58	-0.159	217.9	-0.182	203.58	-0.224	239.5	-0.5805
203.68	-0.159	217.9	-0.182	203.67	-0.225	239.4	-0.5814
203.75	-0.161	217.8	-0.1829	203.75	-0.226	239.3	-0.5832
203.83	-0.16	217.8	-0.1837	203.83	-0.226	239.2	-0.5841
203.92	-0.162	217.8	-0.1837	203.92	-0.226	239.1	-0.585
204.00	-0.161	217.8	-0.1846	204.00	-0.227	239	-0.5858
204.08	-0.161	217.8	-0.1846	204.08	-0.227	238.9	-0.5867
204.17	-0.161	217.7	-0.1846	204.17	-0.227	238.8	-0.5876
204.25	-0.161	217.7	-0.1855	204.25	-0.227	238.7	-0.5885

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
204.33	-0.161	217.7	-0.1855	204.35	-0.227	238.7	-0.5894
204.42	-0.161	217.7	-0.1864	204.42	-0.226	238.6	-0.5894
204.50	-0.161	217.7	-0.1864	204.50	-0.226	238.6	-0.5903
204.58	-0.161	217.7	-0.1864	204.58	-0.225	238.5	-0.5903
204.67	-0.16	217.7	-0.1864	204.67	-0.225	238.5	-0.5912
204.75	-0.159	217.7	-0.1864	204.75	-0.224	238.4	-0.5912
204.83	-0.159	217.7	-0.1864	204.83	-0.223	238.4	-0.5912
204.92	-0.159	217.6	-0.1864	204.92	-0.223	238.3	-0.5912
205.00	-0.158	217.6	-0.1864	205.00	-0.221	238.3	-0.5912
205.10	-0.157	217.6	-0.1864	205.08	-0.219	238.3	-0.5912
205.17	-0.156	217.6	-0.1864	205.17	-0.218	238.2	-0.5912
205.25	-0.154	217.6	-0.1864	205.25	-0.215	238.2	-0.5912
205.33	-0.154	217.6	-0.1864	205.33	-0.216	238.2	-0.5912
205.42	-0.153	217.6	-0.1855	205.42	-0.214	238.2	-0.5903
205.50	-0.152	217.6	-0.1855	205.50	-0.211	238.2	-0.5903
205.58	-0.15	217.6	-0.1855	205.58	-0.21	238.2	-0.5903
205.67	-0.149	217.6	-0.1855	205.67	-0.207	238.2	-0.5894
205.75	-0.146	217.6	-0.1855	205.77	-0.206	238.2	-0.5894
205.83	-0.145	217.6	-0.1846	205.83	-0.204	238.2	-0.5885
205.92	-0.143	217.6	-0.1846	205.92	-0.202	238.2	-0.5885
206.00	-0.142	217.6	-0.1846	206.00	-0.198	238.3	-0.5876
206.08	-0.14	217.6	-0.1837	206.08	-0.196	238.3	-0.5876
206.17	-0.139	217.6	-0.1837	206.17	-0.194	238.3	-0.5867
206.25	-0.137	217.6	-0.1837	206.25	-0.19	238.4	-0.5858
206.33	-0.135	217.6	-0.1829	206.33	-0.188	238.4	-0.5858
206.42	-0.133	217.7	-0.182	206.42	-0.186	238.4	-0.585
206.50	-0.134	217.7	-0.182	206.50	-0.183	238.5	-0.585
206.58	-0.128	217.7	-0.182	206.58	-0.179	238.6	-0.5841
206.67	-0.125	217.7	-0.1811	206.67	-0.174	238.6	-0.5823
206.75	-0.123	217.7	-0.1811	206.75	-0.172	238.7	-0.5823
206.83	-0.121	217.7	-0.1802	206.83	-0.167	238.7	-0.5814
206.92	-0.118	217.7	-0.1802	206.92	-0.167	238.8	-0.5805
207.00	-0.114	217.7	-0.1802	207.00	-0.163	238.8	-0.5796
207.08	-0.114	217.7	-0.1793	207.08	-0.157	238.9	-0.5787
207.17	-0.108	217.8	-0.1784	207.17	-0.152	239	-0.5787
207.25	-0.108	217.8	-0.1793	207.27	-0.15	239.1	-0.5777
207.33	-0.104	217.8	-0.1784	207.33	-0.147	239.2	-0.5761
207.42	-0.102	217.8	-0.1775	207.42	-0.142	239.3	-0.5752
207.50	-0.099	217.8	-0.1766	207.50	-0.139	239.4	-0.5734
207.58	-0.096	217.9	-0.1758	207.58	-0.134	239.5	-0.5725
207.67	-0.094	217.9	-0.1749	207.67	-0.13	239.6	-0.5716
207.75	-0.092	217.9	-0.1749	207.75	-0.125	239.6	-0.5708
207.83	-0.087	218	-0.174	207.83	-0.123	239.7	-0.569
207.92	-0.08	218.1	-0.1722	207.92	-0.119	239.8	-0.5681
208.02	-0.083	218.1	-0.1722	208.00	-0.113	239.9	-0.5663
208.08	-0.079	218.1	-0.1713	208.08	-0.105	240.1	-0.5654
208.17	-0.074	218.1	-0.1704	208.17	-0.104	240.1	-0.5637
208.25	-0.07	218.2	-0.1695	208.25	-0.1	240.2	-0.5619
208.33	-0.068	218.2	-0.1687	208.33	-0.093	240.3	-0.5601
208.42	-0.064	218.3	-0.1678	208.42	-0.089	240.4	-0.5592
208.50	-0.061	218.3	-0.1669	208.50	-0.085	240.5	-0.5574
208.58	-0.059	218.4	-0.166	208.58	-0.078	240.6	-0.5557
208.67	-0.055	218.5	-0.1651	208.68	-0.073	240.8	-0.5548
208.75	-0.051	218.5	-0.1642	208.75	-0.069	241	-0.5521
208.83	-0.045	218.6	-0.1633	208.83	-0.065	241.1	-0.5503
208.92	-0.046	218.7	-0.1624	208.92	-0.06	241.3	-0.5486
209.00	-0.041	218.8	-0.1607	209.00	-0.051	241.5	-0.5468
209.08	-0.036	218.9	-0.1598	209.08	-0.05	241.6	-0.5441
209.17	-0.034	219	-0.1589	209.17	-0.046	241.8	-0.5423
209.25	-0.029	219.1	-0.1571	209.25	-0.039	242	-0.5406

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
209.33	-0.025	219.1	-0.1562	209.33	-0.036	242.1	-0.5388
209.43	-0.018	219.3	-0.1544	209.42	-0.032	242.3	-0.5361
209.50	-0.019	219.4	-0.1536	209.50	-0.024	242.4	-0.5344
209.58	-0.015	219.4	-0.1527	209.58	-0.017	242.7	-0.5317
209.67	-0.009	219.5	-0.1518	209.67	-0.011	242.9	-0.5281
209.75	-0.006	219.7	-0.1509	209.75	-0.009	243	-0.5264
209.83	-0.004	219.7	-0.1482	209.83	-0.002	243.2	-0.5237
209.92	0.001	219.9	-0.1473	209.92	0	243.3	-0.5219
210.00	0.004	219.9	-0.1456	210.00	0.006	243.5	-0.5184
210.08	0.007	220	-0.1447	210.10	0.014	243.7	-0.5157
210.17	0.011	220.1	-0.1429	210.17	0.019	243.9	-0.5139
210.25	0.015	220.3	-0.1411	210.25	0.023	244.1	-0.5104
210.33	0.021	220.4	-0.1411	210.33	0.028	244.3	-0.5077
210.42	0.023	220.5	-0.1385	210.42	0.036	244.5	-0.5042
210.50	0.028	220.6	-0.1376	210.50	0.04	244.8	-0.5024
210.58	0.031	220.7	-0.1358	210.58	0.043	245	-0.498
210.67	0.034	220.8	-0.134	210.67	0.048	245.2	-0.4962
210.75	0.038	220.9	-0.1331	210.75	0.056	245.4	-0.4926
210.83	0.043	221	-0.1314	210.83	0.059	245.6	-0.49
210.93	0.045	221.2	-0.1296	210.92	0.064	245.8	-0.4864
211.00	0.048	221.3	-0.1287	211.00	0.068	246	-0.4829
211.08	0.051	221.4	-0.1269	211.08	0.076	246.3	-0.4811
211.17	0.057	221.5	-0.126	211.17	0.08	246.5	-0.4767
211.25	0.063	221.7	-0.1243	211.25	0.084	246.7	-0.4731
211.33	0.063	221.8	-0.1216	211.33	0.093	246.9	-0.4696
211.42	0.067	221.9	-0.1207	211.42	0.094	247.1	-0.4669
211.50	0.071	222	-0.1189	211.50	0.098	247.3	-0.4633
211.58	0.073	222.1	-0.1172	211.60	0.106	247.5	-0.4607
211.67	0.077	222.2	-0.1163	211.67	0.113	247.7	-0.458
211.75	0.081	222.3	-0.1145	211.75	0.114	247.9	-0.4527
211.83	0.085	222.5	-0.1136	211.83	0.118	248.1	-0.4491
211.92	0.087	222.6	-0.111	211.92	0.124	248.3	-0.4456
212.00	0.092	222.7	-0.1092	212.00	0.129	248.6	-0.4429
212.08	0.094	222.8	-0.1083	212.08	0.13	248.8	-0.4385
212.17	0.097	222.9	-0.1065	212.17	0.136	248.9	-0.4358
212.25	0.098	223	-0.1056	212.25	0.141	249.1	-0.4323
212.35	0.101	223.2	-0.1039	212.33	0.145	249.3	-0.4287
212.42	0.104	223.3	-0.103	212.42	0.148	249.5	-0.4261
212.50	0.107	223.4	-0.1012	212.50	0.154	249.7	-0.4225
212.58	0.111	223.5	-0.1003	212.58	0.159	250	-0.419
212.67	0.115	223.6	-0.0985	212.67	0.161	250.2	-0.4145
212.75	0.118	223.7	-0.0968	212.75	0.165	250.3	-0.411
212.83	0.119	223.8	-0.095	212.83	0.169	250.5	-0.4083
212.92	0.123	223.9	-0.0941	212.92	0.172	250.7	-0.4057
213.00	0.126	224	-0.0923	213.00	0.176	250.9	-0.4021
213.08	0.127	224.1	-0.0914	213.08	0.181	251	-0.3994
213.17	0.133	224.2	-0.0897	213.17	0.185	251.3	-0.3968
213.25	0.134	224.3	-0.0897	213.25	0.189	251.5	-0.3914
213.33	0.136	224.5	-0.0879	213.33	0.19	251.6	-0.3888
213.42	0.138	224.6	-0.0861	213.42	0.193	251.8	-0.3861
213.50	0.14	224.7	-0.0852	213.50	0.2	252	-0.3843
213.58	0.142	224.8	-0.0843	213.58	0.199	252.2	-0.3799
213.67	0.144	224.9	-0.0826	213.67	0.205	252.3	-0.3772
213.75	0.145	225	-0.0817	213.75	0.204	252.5	-0.3755
213.85	0.149	225.1	-0.0808	213.83	0.205	252.6	-0.3728
213.92	0.152	225.2	-0.079	213.92	0.209	252.8	-0.371
214.00	0.152	225.3	-0.0781	214.00	0.211	253	-0.3693
214.08	0.155	225.3	-0.0772	214.08	0.216	253.2	-0.3666
214.17	0.156	225.4	-0.0763	214.17	0.216	253.4	-0.363
214.25	0.159	225.5	-0.0754	214.25	0.219	253.5	-0.3613

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
214.33	0.158	225.6	-0.0746	214.33	0.22	253.6	-0.3595
214.42	0.161	225.7	-0.0737	214.42	0.222	253.8	-0.3568
214.50	0.163	225.8	-0.0728	214.52	0.225	253.9	-0.3551
214.58	0.164	225.8	-0.0728	214.58	0.226	254.1	-0.3524
214.67	0.165	225.9	-0.0719	214.67	0.229	254.2	-0.3515
214.75	0.167	226	-0.071	214.75	0.229	254.3	-0.3488
214.83	0.168	226.1	-0.0701	214.83	0.23	254.5	-0.3471
214.92	0.168	226.1	-0.0692	214.92	0.235	254.6	-0.3462
215.00	0.17	226.2	-0.0683	215.00	0.233	254.7	-0.3444
215.08	0.17	226.3	-0.0683	215.08	0.234	254.8	-0.3426
215.17	0.171	226.3	-0.0675	215.17	0.236	254.9	-0.3417
215.27	0.171	226.4	-0.0675	215.25	0.237	255	-0.34
215.33	0.173	226.5	-0.0657	215.33	0.238	255.1	-0.3391
215.42	0.173	226.5	-0.0657	215.42	0.239	255.2	-0.3382
215.50	0.173	226.6	-0.0648	215.50	0.239	255.3	-0.3373
215.58	0.174	226.7	-0.0648	215.58	0.239	255.4	-0.3364
215.67	0.174	226.7	-0.0648	215.67	0.241	255.5	-0.3346
215.75	0.176	226.8	-0.0639	215.75	0.24	255.6	-0.3346
215.83	0.174	226.8	-0.0639	215.83	0.24	255.7	-0.3338
215.92	0.174	226.9	-0.0639	215.93	0.24	255.7	-0.3329
216.00	0.175	226.9	-0.063	216.00	0.24	255.8	-0.3329
216.08	0.174	226.9	-0.063	216.08	0.241	255.9	-0.3329
216.17	0.174	227	-0.063	216.17	0.238	255.9	-0.332
216.25	0.173	227	-0.063	216.25	0.238	256	-0.332
216.33	0.173	227.1	-0.063	216.33	0.237	256.1	-0.332
216.42	0.172	227.1	-0.063	216.42	0.238	256.1	-0.3311
216.50	0.173	227.1	-0.063	216.50	0.236	256.2	-0.3311
216.58	0.171	227.1	-0.063	216.58	0.236	256.2	-0.3311
216.67	0.17	227.2	-0.063	216.67	0.234	256.3	-0.3311
216.75	0.171	227.2	-0.063	216.75	0.233	256.3	-0.3311
216.83	0.168	227.2	-0.063	216.83	0.231	256.3	-0.3311
216.92	0.159	227.3	-0.0639	216.92	0.23	256.4	-0.3311
217.00	0.166	227.3	-0.063	217.00	0.227	256.4	-0.332
217.08	0.165	227.3	-0.063	217.08	0.227	256.4	-0.332
217.17	0.162	227.3	-0.0639	217.17	0.225	256.4	-0.332
217.25	0.161	227.4	-0.0639	217.25	0.223	256.4	-0.332
217.33	0.161	227.4	-0.0639	217.33	0.222	256.5	-0.3329
217.42	0.159	227.4	-0.0639	217.43	0.219	256.5	-0.3329
217.50	0.157	227.4	-0.0648	217.50	0.217	256.5	-0.3329
217.58	0.157	227.4	-0.0648	217.58	0.213	256.5	-0.3338
217.67	0.155	227.4	-0.0648	217.67	0.211	256.5	-0.3338
217.75	0.152	227.4	-0.0648	217.75	0.21	256.5	-0.3338
217.83	0.148	227.4	-0.0657	217.83	0.206	256.5	-0.3346
217.92	0.149	227.4	-0.0657	217.92	0.202	256.5	-0.3346
218.00	0.147	227.4	-0.0657	218.00	0.199	256.4	-0.3355
218.08	0.143	227.3	-0.0675	218.08	0.197	256.4	-0.3364
218.18	0.142	227.3	-0.0675	218.17	0.195	256.4	-0.3364
218.25	0.139	227.3	-0.0683	218.25	0.19	256.4	-0.3373
218.33	0.137	227.3	-0.0683	218.33	0.188	256.4	-0.3373
218.42	0.136	227.3	-0.0692	218.42	0.185	256.3	-0.3382
218.50	0.134	227.3	-0.0692	218.50	0.181	256.3	-0.3391
218.58	0.131	227.3	-0.0692	218.58	0.176	256.3	-0.34
218.67	0.127	227.2	-0.0701	218.67	0.175	256.2	-0.34
218.75	0.125	227.2	-0.0701	218.75	0.169	256.2	-0.3409
218.83	0.122	227.2	-0.071	218.85	0.166	256.1	-0.3417
218.92	0.119	227.2	-0.0719	218.92	0.164	256.1	-0.3417
219.00	0.116	227.1	-0.0728	219.00	0.158	256	-0.3435
219.08	0.114	227.1	-0.0728	219.08	0.153	256	-0.3444
219.17	0.11	227.1	-0.0737	219.17	0.149	255.9	-0.3453
219.25	0.107	227	-0.0737	219.25	0.148	255.9	-0.3453

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)	500		
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)	210		
frequenza (hz)		0.00071429			frequenza (hz)	0.0007143		
219.33	0.106	227	-0.0746	219.33	0.142	255.8	-0.3471	
219.42	0.099	226.9	-0.0754	219.42	0.135	255.7	-0.348	
219.50	0.099	226.9	-0.0763	219.50	0.132	255.6	-0.3488	
219.60	0.094	226.8	-0.0763	219.58	0.128	255.5	-0.3497	
219.67	0.091	226.8	-0.0772	219.67	0.124	255.5	-0.3515	
219.75	0.089	226.7	-0.0781	219.75	0.12	255.4	-0.3524	
219.83	0.087	226.7	-0.079	219.83	0.117	255.3	-0.3533	
219.92	0.082	226.6	-0.0799	219.92	0.111	255.2	-0.3542	
220.00	0.081	226.6	-0.0799	220.00	0.104	255.1	-0.3559	
220.08	0.075	226.5	-0.0817	220.08	0.099	255	-0.3568	
220.17	0.072	226.4	-0.0826	220.17	0.096	254.9	-0.3586	
220.25	0.067	226.4	-0.0826	220.25	0.091	254.8	-0.3604	
220.33	0.066	226.3	-0.0843	220.33	0.086	254.7	-0.3622	
220.42	0.06	226.2	-0.0852	220.42	0.083	254.6	-0.363	
220.50	0.059	226.2	-0.0852	220.50	0.079	254.5	-0.3648	
220.58	0.056	226.1	-0.087	220.58	0.071	254.3	-0.3666	
220.67	0.054	226.1	-0.087	220.67	0.066	254.2	-0.3684	
220.75	0.047	225.9	-0.0888	220.75	0.063	254.1	-0.3693	
220.83	0.042	225.9	-0.0888	220.83	0.057	253.9	-0.371	
220.92	0.04	225.8	-0.0914	220.92	0.049	253.8	-0.3737	
221.00	0.037	225.7	-0.0923	221.00	0.047	253.6	-0.3755	
221.10	0.033	225.6	-0.0932	221.08	0.042	253.5	-0.3772	
221.17	0.028	225.5	-0.0941	221.17	0.036	253.3	-0.3799	
221.25	0.023	225.5	-0.0968	221.25	0.03	253.1	-0.3817	
221.33	0.022	225.4	-0.0968	221.33	0.027	253	-0.3835	
221.42	0.018	225.3	-0.0976	221.42	0.021	252.8	-0.3852	
221.50	0.015	225.2	-0.0994	221.50	0.014	252.7	-0.3879	
221.58	0.011	225.1	-0.1003	221.58	0.009	252.4	-0.3897	
221.67	0.005	225	-0.1021	221.67	0.004	252.3	-0.3932	
221.75	0.003	224.9	-0.1021	221.77	-0.001	252.1	-0.3959	
221.83	-0.001	224.8	-0.1047	221.83	-0.007	252	-0.3986	
221.92	-0.004	224.7	-0.1056	221.92	-0.01	251.8	-0.4003	
222.00	-0.008	224.6	-0.1074	222.00	-0.016	251.6	-0.403	
222.08	-0.008	224.6	-0.1083	222.08	-0.022	251.4	-0.4065	
222.17	-0.016	224.4	-0.1101	222.17	-0.028	251.2	-0.4083	
222.25	-0.018	224.3	-0.1118	222.25	-0.031	251.1	-0.411	
222.33	-0.026	224.1	-0.1136	222.33	-0.036	250.9	-0.4136	
222.42	-0.027	224.1	-0.1154	222.42	-0.044	250.7	-0.4163	
222.52	-0.03	224	-0.1163	222.50	-0.049	250.4	-0.419	
222.58	-0.035	223.8	-0.1172	222.58	-0.052	250.2	-0.4225	
222.67	-0.038	223.7	-0.1189	222.67	-0.057	250.1	-0.4261	
222.75	-0.043	223.6	-0.1216	222.75	-0.065	249.8	-0.4287	
222.83	-0.045	223.5	-0.1225	222.83	-0.066	249.7	-0.4323	
222.92	-0.049	223.4	-0.1243	222.92	-0.072	249.4	-0.4349	
223.00	-0.051	223.3	-0.126	223.00	-0.078	249.2	-0.4385	
223.08	-0.055	223.2	-0.1269	223.08	-0.083	248.9	-0.4412	
223.17	-0.057	223.1	-0.1287	223.17	-0.088	248.8	-0.4465	
223.25	-0.066	222.9	-0.1314	223.25	-0.092	248.6	-0.4491	
223.33	-0.066	222.8	-0.1331	223.33	-0.098	248.4	-0.4527	
223.42	-0.069	222.7	-0.134	223.42	-0.101	248.2	-0.4562	
223.50	-0.074	222.6	-0.1358	223.50	-0.108	247.9	-0.4607	
223.58	-0.075	222.5	-0.1376	223.58	-0.11	247.7	-0.4633	
223.67	-0.079	222.4	-0.1385	223.67	-0.116	247.5	-0.4669	
223.75	-0.081	222.3	-0.1402	223.75	-0.119	247.3	-0.4704	
223.83	-0.087	222.1	-0.142	223.83	-0.123	247.1	-0.474	
223.92	-0.088	222	-0.1438	223.92	-0.129	246.9	-0.4776	
224.02	-0.092	221.9	-0.1447	224.00	-0.135	246.6	-0.4811	
224.08	-0.096	221.8	-0.1465	224.08	-0.136	246.4	-0.4855	
224.17	-0.096	221.7	-0.1473	224.17	-0.14	246.2	-0.4891	
224.25	-0.103	221.6	-0.15	224.25	-0.145	246	-0.4926	

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
224.33	-0.106	221.5	-0.1518	224.33	-0.147	245.8	-0.4962
224.42	-0.105	221.4	-0.1527	224.42	-0.152	245.6	-0.4997
224.50	-0.107	221.3	-0.1536	224.50	-0.156	245.4	-0.5033
224.58	-0.112	221.2	-0.1553	224.58	-0.163	245.1	-0.5068
224.67	-0.115	221	-0.1571	224.68	-0.163	244.9	-0.5113
224.75	-0.116	220.9	-0.158	224.75	-0.166	244.8	-0.5148
224.83	-0.119	220.8	-0.1598	224.83	-0.171	244.5	-0.5184
224.92	-0.122	220.7	-0.1607	224.92	-0.173	244.4	-0.5219
225.00	-0.125	220.6	-0.1624	225.00	-0.177	244.2	-0.5264
225.08	-0.126	220.5	-0.1633	225.08	-0.18	244	-0.529
225.17	-0.13	220.5	-0.1642	225.17	-0.184	243.8	-0.5326
225.25	-0.134	220.3	-0.166	225.25	-0.185	243.7	-0.5352
225.33	-0.131	220.3	-0.1669	225.33	-0.189	243.6	-0.5388
225.43	-0.136	220.1	-0.1687	225.42	-0.199	243.5	-0.5406
225.50	-0.136	220	-0.1695	225.50	-0.195	243.4	-0.545
225.58	-0.14	219.9	-0.1704	225.58	-0.196	243.3	-0.5486
225.67	-0.142	219.9	-0.1713	225.67	-0.2	243.2	-0.5503
225.75	-0.143	219.8	-0.1731	225.75	-0.203	243.1	-0.5539
225.83	-0.144	219.7	-0.174	225.83	-0.204	242.9	-0.5557
225.92	-0.147	219.7	-0.1749	225.92	-0.206	242.7	-0.5583
226.00	-0.147	219.6	-0.1758	226.00	-0.21	242.6	-0.561
226.08	-0.15	219.5	-0.1766	226.10	-0.211	242.5	-0.5637
226.17	-0.15	219.4	-0.1766	226.17	-0.213	242.2	-0.5663
226.25	-0.152	219.4	-0.1784	226.25	-0.214	242.1	-0.569
226.33	-0.152	219.3	-0.1793	226.33	-0.216	242	-0.5708
226.42	-0.154	219.3	-0.1802	226.42	-0.218	242	-0.5725
226.50	-0.154	219.2	-0.1802	226.50	-0.219	241.8	-0.5761
226.58	-0.156	219.2	-0.1802	226.58	-0.22	241.1	-0.577
226.67	-0.157	219.2	-0.1811	226.67	-0.222	240.9	-0.5787
226.75	-0.158	219.1	-0.182	226.75	-0.222	240.8	-0.5805
226.83	-0.158	219.1	-0.182	226.83	-0.224	240.7	-0.5823
226.92	-0.159	219.1	-0.1829	226.92	-0.225	240.6	-0.5832
227.00	-0.16	219	-0.1837	227.00	-0.226	240.4	-0.5841
227.08	-0.16	219	-0.1837	227.08	-0.225	240.4	-0.5858
227.17	-0.161	218.9	-0.1846	227.17	-0.226	240.3	-0.5867
227.25	-0.161	218.9	-0.1846	227.25	-0.227	240.2	-0.5876
227.33	-0.162	218.9	-0.1855	227.33	-0.227	240.1	-0.5885
227.42	-0.16	218.9	-0.1855	227.42	-0.227	240.1	-0.5894
227.50	-0.163	218.8	-0.1864	227.50	-0.228	240	-0.5903
227.58	-0.161	218.8	-0.1864	227.60	-0.226	239.9	-0.5912
227.67	-0.161	218.8	-0.1864	227.67	-0.227	239.8	-0.5921
227.75	-0.162	218.7	-0.1864	227.75	-0.226	239.7	-0.5921
227.83	-0.161	218.7	-0.1864	227.83	-0.226	239.7	-0.5929
227.92	-0.16	218.7	-0.1873	227.92	-0.226	239.6	-0.5929
228.00	-0.16	218.7	-0.1873	228.00	-0.224	239.5	-0.5929
228.08	-0.16	218.7	-0.1873	228.08	-0.224	239.5	-0.5938
228.17	-0.159	218.7	-0.1873	228.17	-0.224	239.5	-0.5938
228.25	-0.158	218.7	-0.1873	228.25	-0.225	239.5	-0.5938
228.35	-0.157	218.7	-0.1873	228.33	-0.22	239.5	-0.5938
228.42	-0.158	218.7	-0.1873	228.42	-0.219	239.4	-0.5938
228.50	-0.155	218.7	-0.1873	228.50	-0.219	239.4	-0.5938
228.58	-0.155	218.7	-0.1873	228.58	-0.217	239.4	-0.5938
228.67	-0.154	218.7	-0.1873	228.67	-0.215	239.4	-0.5929
228.75	-0.154	218.7	-0.1864	228.75	-0.213	239.4	-0.5929
228.83	-0.151	218.7	-0.1864	228.83	-0.212	239.4	-0.5929
228.92	-0.15	218.7	-0.1864	228.92	-0.21	239.4	-0.5929
229.00	-0.149	218.7	-0.1864	229.02	-0.207	239.4	-0.5921
229.08	-0.147	218.7	-0.1855	229.08	-0.206	239.4	-0.5921
229.17	-0.146	218.7	-0.1855	229.17	-0.203	239.4	-0.5912
229.25	-0.144	218.6	-0.1855	229.25	-0.201	239.4	-0.5912

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
229.33	-0.143	218.6	-0.1846	229.33	-0.198	239.5	-0.5903
229.42	-0.14	218.7	-0.1846	229.42	-0.196	239.5	-0.5903
229.50	-0.138	218.7	-0.1846	229.50	-0.194	239.5	-0.5894
229.58	-0.137	218.7	-0.1837	229.58	-0.191	239.5	-0.5894
229.67	-0.135	218.7	-0.1837	229.67	-0.188	239.6	-0.5885
229.77	-0.132	218.7	-0.1837	229.75	-0.186	239.6	-0.5876
229.83	-0.13	218.7	-0.1829	229.83	-0.182	239.7	-0.5876
229.92	-0.129	218.7	-0.1829	229.92	-0.177	239.8	-0.5867
230.00	-0.125	218.7	-0.182	230.00	-0.175	239.8	-0.5858
230.08	-0.123	218.7	-0.182	230.08	-0.172	239.8	-0.585
230.17	-0.121	218.7	-0.1811	230.17	-0.168	239.9	-0.5841
230.25	-0.12	218.7	-0.1811	230.25	-0.164	240	-0.5832
230.33	-0.114	218.8	-0.1802	230.33	-0.163	240	-0.5832
230.42	-0.114	218.8	-0.1802	230.42	-0.157	240.1	-0.5814
230.50	-0.111	218.8	-0.1802	230.50	-0.154	240.2	-0.5814
230.58	-0.107	218.8	-0.1793	230.58	-0.149	240.3	-0.5796
230.67	-0.105	218.9	-0.1784	230.67	-0.146	240.4	-0.5787
230.75	-0.102	218.9	-0.1784	230.75	-0.143	240.4	-0.5779
230.83	-0.101	218.9	-0.1775	230.83	-0.139	240.6	-0.577
230.92	-0.094	219	-0.1766	230.92	-0.133	240.7	-0.5752
231.00	-0.096	219	-0.1766	231.00	-0.131	240.8	-0.5743
231.08	-0.091	219	-0.1758	231.08	-0.125	240.9	-0.5734
231.17	-0.087	219.1	-0.1749	231.17	-0.119	241	-0.5716
231.27	-0.084	219.1	-0.174	231.25	-0.118	241.1	-0.5708
231.33	-0.079	219.2	-0.1731	231.33	-0.112	241.2	-0.569
231.42	-0.08	219.2	-0.1722	231.42	-0.109	241.3	-0.5681
231.50	-0.076	219.2	-0.1713	231.50	-0.102	241.5	-0.5663
231.58	-0.072	219.3	-0.1713	231.58	-0.099	241.6	-0.5645
231.67	-0.068	219.3	-0.1695	231.67	-0.094	241.7	-0.5628
231.75	-0.064	219.4	-0.1687	231.75	-0.089	241.8	-0.5619
231.83	-0.061	219.4	-0.1678	231.83	-0.085	241.9	-0.5601
231.92	-0.058	219.5	-0.1669	231.93	-0.08	242	-0.5583
232.00	-0.055	219.5	-0.166	232.00	-0.076	242.1	-0.5566
232.08	-0.048	219.6	-0.1651	232.08	-0.067	242.3	-0.5548
232.17	-0.047	219.7	-0.1642	232.17	-0.064	242.4	-0.553
232.25	-0.043	219.8	-0.1624	232.25	-0.06	242.5	-0.5512
232.33	-0.039	219.8	-0.1616	232.33	-0.055	242.7	-0.5494
232.42	-0.035	219.9	-0.1607	232.42	-0.048	242.9	-0.5477
232.50	-0.034	220	-0.1598	232.50	-0.048	243	-0.5459
232.58	-0.031	220.1	-0.1589	232.58	-0.039	243.2	-0.5432
232.68	-0.025	220.3	-0.1571	232.67	-0.034	243.3	-0.5406
232.75	-0.022	220.3	-0.1562	232.75	-0.03	243.5	-0.5388
232.83	-0.019	220.4	-0.1544	232.83	-0.024	243.7	-0.5361
232.92	-0.015	220.5	-0.1536	232.92	-0.017	243.9	-0.5344
233.00	-0.01	220.6	-0.1527	233.00	-0.014	244	-0.5326
233.08	-0.006	220.7	-0.1509	233.08	-0.009	244.2	-0.529
233.17	-0.004	220.8	-0.1491	233.17	-0.004	244.4	-0.5273
233.25	-0.001	220.9	-0.1482	233.25	0.003	244.6	-0.5237
233.33	0.005	221	-0.1465	233.33	0.006	244.8	-0.5219
233.42	0.008	221.1	-0.1456	233.42	0.014	245	-0.5193
233.50	0.013	221.2	-0.1438	233.50	0.019	245.2	-0.5166
233.58	0.017	221.3	-0.1429	233.58	0.024	245.4	-0.5139
233.67	0.02	221.5	-0.142	233.67	0.028	245.6	-0.5095
233.75	0.023	221.6	-0.1394	233.75	0.032	245.8	-0.5068
233.83	0.026	221.7	-0.1385	233.83	0.04	246	-0.5042
233.92	0.031	221.8	-0.1367	233.92	0.046	246.2	-0.5015
234.00	0.033	221.9	-0.1358	234.00	0.048	246.4	-0.498
234.08	0.036	222	-0.134	234.08	0.053	246.6	-0.4953
234.18	0.042	222.1	-0.1323	234.17	0.06	246.8	-0.4918
234.25	0.046	222.2	-0.1305	234.25	0.063	247	-0.4891

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
234.33	0.046	222.3	-0.1296	234.33	0.07	247.2	-0.4855	
234.42	0.051	222.4	-0.1287	234.42	0.076	247.5	-0.4829	
234.50	0.058	222.5	-0.126	234.50	0.081	247.7	-0.4802	
234.58	0.062	222.7	-0.1252	234.58	0.084	247.8	-0.4758	
234.67	0.063	222.8	-0.1225	234.67	0.09	248	-0.4722	
234.75	0.067	222.9	-0.1216	234.75	0.095	248.2	-0.4696	
234.83	0.071	223	-0.1198	234.85	0.098	248.4	-0.466	
234.92	0.075	223.1	-0.1181	234.92	0.103	248.6	-0.4633	
235.00	0.075	223.2	-0.1172	235.00	0.11	248.9	-0.4598	
235.08	0.081	223.3	-0.1154	235.08	0.117	249.1	-0.4562	
235.17	0.087	223.5	-0.1136	235.17	0.117	249.2	-0.4518	
235.25	0.087	223.5	-0.1118	235.25	0.122	249.4	-0.4491	
235.33	0.09	223.6	-0.1101	235.33	0.128	249.8	-0.4456	
235.42	0.097	223.8	-0.1083	235.42	0.133	250	-0.442	
235.50	0.096	223.9	-0.1074	235.50	0.136	250.1	-0.4376	
235.60	0.101	224	-0.1056	235.58	0.138	250.3	-0.4349	
235.67	0.104	224.1	-0.1039	235.67	0.143	250.5	-0.4323	
235.75	0.107	224.2	-0.103	235.75	0.145	250.7	-0.4296	
235.83	0.108	224.3	-0.1021	235.83	0.151	250.9	-0.4261	
235.92	0.113	224.5	-0.1003	235.92	0.157	251.2	-0.4225	
236.00	0.115	224.6	-0.0985	236.00	0.161	251.4	-0.419	
236.08	0.119	224.7	-0.0968	236.08	0.164	251.6	-0.4136	
236.17	0.121	224.8	-0.0959	236.17	0.169	251.8	-0.411	
236.25	0.124	224.9	-0.0941	236.27	0.172	251.9	-0.4074	
236.33	0.126	225	-0.0932	236.33	0.176	252.1	-0.4057	
236.42	0.129	225.1	-0.0923	236.42	0.179	252.3	-0.4021	
236.50	0.134	225.2	-0.0905	236.50	0.183	252.5	-0.3994	
236.58	0.134	225.3	-0.0897	236.58	0.187	252.7	-0.3968	
236.67	0.138	225.4	-0.0888	236.67	0.188	252.9	-0.3923	
236.75	0.14	225.5	-0.0861	236.75	0.192	253	-0.3897	
236.83	0.141	225.6	-0.0861	236.83	0.198	253.3	-0.387	
236.92	0.144	225.7	-0.0843	236.92	0.198	253.4	-0.3843	
237.00	0.145	225.8	-0.0834	237.00	0.202	253.6	-0.3808	
237.10	0.148	225.9	-0.0817	237.08	0.204	253.7	-0.3781	
237.17	0.15	226	-0.0808	237.17	0.208	253.9	-0.3746	
237.25	0.151	226.1	-0.0799	237.25	0.21	254.1	-0.3719	
237.33	0.153	226.2	-0.079	237.33	0.213	254.2	-0.3701	
237.42	0.155	226.2	-0.0781	237.42	0.217	254.4	-0.3675	
237.50	0.158	226.3	-0.0772	237.50	0.218	254.6	-0.3657	
237.58	0.16	226.4	-0.0763	237.58	0.22	254.7	-0.3622	
237.67	0.161	226.5	-0.0754	237.67	0.222	254.8	-0.3604	
237.75	0.162	226.6	-0.0746	237.77	0.224	255	-0.3577	
237.83	0.163	226.7	-0.0737	237.83	0.226	255.1	-0.3559	
237.92	0.164	226.7	-0.0728	237.92	0.227	255.2	-0.3542	
238.00	0.166	226.8	-0.0719	238.00	0.231	255.4	-0.3524	
238.08	0.167	226.9	-0.0719	238.08	0.231	255.5	-0.3506	
238.17	0.168	227	-0.071	238.17	0.232	255.6	-0.3488	
238.25	0.169	227	-0.0701	238.25	0.234	255.7	-0.3471	
238.33	0.17	227.1	-0.0692	238.33	0.236	255.9	-0.3462	
238.42	0.17	227.2	-0.0692	238.42	0.236	256	-0.3444	
238.52	0.168	227.3	-0.0692	238.50	0.237	256.1	-0.3426	
238.58	0.17	227.3	-0.0683	238.58	0.238	256.2	-0.3417	
238.67	0.17	227.4	-0.0683	238.67	0.239	256.3	-0.3409	
238.75	0.172	227.5	-0.0675	238.75	0.24	256.3	-0.34	
238.83	0.172	227.5	-0.0675	238.83	0.24	256.4	-0.3391	
238.92	0.173	227.6	-0.0657	238.92	0.241	256.6	-0.3382	
239.00	0.174	227.6	-0.0657	239.00	0.241	256.6	-0.3373	
239.08	0.174	227.7	-0.0657	239.08	0.241	256.7	-0.3364	
239.17	0.172	227.8	-0.0648	239.18	0.24	256.8	-0.3355	
239.25	0.173	227.8	-0.0648	239.25	0.241	256.8	-0.3355	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
239.33	0.173	227.9	-0.0648	239.33	0.241	256.9	-0.3346
239.42	0.173	227.9	-0.0639	239.42	0.24	257	-0.3346
239.50	0.173	227.9	-0.0639	239.50	0.241	257.1	-0.3338
239.58	0.173	228	-0.0648	239.58	0.24	257.1	-0.3338
239.67	0.171	228	-0.0639	239.67	0.239	257.1	-0.3338
239.75	0.171	228.1	-0.0639	239.75	0.238	257.2	-0.3338
239.83	0.171	228.1	-0.0639	239.83	0.237	257.3	-0.3338
239.93	0.17	228.1	-0.0639	239.92	0.236	257.3	-0.3338
240.00	0.169	228.1	-0.0639	240.00	0.236	257.3	-0.3338
240.08	0.168	228.2	-0.0639	240.08	0.234	257.4	-0.3338
240.17	0.167	228.2	-0.0648	240.17	0.233	257.4	-0.3338
240.25	0.167	228.2	-0.0648	240.25	0.231	257.4	-0.3338
240.33	0.165	228.2	-0.0648	240.33	0.229	257.4	-0.3338
240.42	0.164	228.2	-0.0648	240.42	0.227	257.5	-0.3338
240.50	0.162	228.3	-0.0648	240.50	0.226	257.5	-0.3346
240.58	0.161	228.3	-0.0648	240.58	0.223	257.5	-0.3346
240.67	0.16	228.3	-0.0657	240.68	0.223	257.5	-0.3346
240.75	0.159	228.3	-0.0657	240.75	0.219	257.5	-0.3355
240.83	0.158	228.3	-0.0657	240.83	0.218	257.5	-0.3355
240.92	0.156	228.3	-0.0657	240.92	0.214	257.5	-0.3355
241.00	0.154	228.3	-0.0657	241.00	0.212	257.5	-0.3364
241.08	0.15	228.3	-0.0675	241.08	0.21	257.5	-0.3364
241.17	0.15	228.3	-0.0675	241.17	0.208	257.5	-0.3373
241.25	0.148	228.3	-0.0683	241.25	0.206	257.5	-0.3373
241.33	0.146	228.3	-0.0683	241.33	0.2	257.5	-0.3382
241.43	0.143	228.3	-0.0683	241.42	0.198	257.5	-0.3382
241.50	0.142	228.3	-0.0692	241.50	0.195	257.5	-0.3391
241.58	0.139	228.3	-0.0692	241.58	0.191	257.4	-0.34
241.67	0.137	228.3	-0.0701	241.67	0.188	257.4	-0.34
241.75	0.135	228.2	-0.0701	241.75	0.185	257.4	-0.3409
241.83	0.133	228.2	-0.071	241.83	0.183	257.3	-0.3409
241.92	0.129	228.2	-0.071	241.92	0.176	257.3	-0.3417
242.00	0.127	228.2	-0.0719	242.00	0.175	257.2	-0.3426
242.08	0.124	228.1	-0.0719	242.10	0.172	257.2	-0.3435
242.17	0.123	228.1	-0.0728	242.17	0.166	257.1	-0.3444
242.25	0.119	228.1	-0.0728	242.25	0.166	257.1	-0.3453
242.33	0.117	228.1	-0.0737	242.33	0.159	257.1	-0.3462
242.42	0.114	228	-0.0746	242.42	0.154	257	-0.3471
242.50	0.112	228	-0.0746	242.50	0.148	257	-0.348
242.58	0.108	228	-0.0754	242.58	0.146	256.9	-0.3488
242.67	0.104	227.9	-0.0754	242.67	0.142	256.8	-0.3497
242.75	0.102	227.9	-0.0772	242.75	0.137	256.8	-0.3506
242.85	0.1	227.8	-0.0772	242.83	0.132	256.7	-0.3515
242.92	0.094	227.8	-0.0781	242.92	0.128	256.6	-0.3524
243.00	0.092	227.7	-0.0781	243.00	0.124	256.5	-0.3542
243.08	0.089	227.7	-0.0799	243.08	0.118	256.4	-0.3551
243.17	0.086	227.6	-0.0799	243.17	0.116	256.3	-0.3559
243.25	0.083	227.6	-0.0808	243.25	0.113	256.3	-0.3577
243.33	0.08	227.5	-0.0817	243.33	0.106	256.2	-0.3586
243.42	0.076	227.5	-0.0826	243.42	0.099	256	-0.3604
243.50	0.072	227.4	-0.0834	243.50	0.096	255.9	-0.3622
243.58	0.068	227.3	-0.0843	243.58	0.091	255.8	-0.363
243.67	0.065	227.2	-0.0852	243.67	0.086	255.7	-0.3648
243.75	0.062	227.2	-0.0861	243.75	0.082	255.6	-0.3666
243.83	0.059	227.1	-0.087	243.83	0.08	255.5	-0.3675
243.92	0.055	227	-0.0879	243.92	0.072	255.4	-0.3693
244.00	0.052	227	-0.0888	244.00	0.067	255.2	-0.371
244.08	0.047	226.9	-0.0905	244.08	0.061	255.1	-0.3728
244.17	0.042	226.8	-0.0914	244.17	0.056	255	-0.3746
244.25	0.041	226.7	-0.0923	244.25	0.052	254.9	-0.3764

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
244.35	0.037	226.6	-0.0941	244.33	0.044	254.7	-0.3781
244.42	0.033	226.6	-0.0941	244.42	0.04	254.5	-0.3808
244.50	0.028	226.5	-0.0959	244.50	0.036	254.4	-0.3826
244.58	0.026	226.4	-0.0976	244.58	0.029	254.2	-0.3852
244.67	0.022	226.3	-0.0985	244.67	0.026	254.1	-0.387
244.75	0.017	226.2	-0.0994	244.75	0.021	254	-0.3888
244.83	0.015	226.1	-0.1003	244.83	0.013	253.8	-0.3914
244.92	0.017	226	-0.1021	244.92	0.008	253.6	-0.3932
245.00	0.006	225.9	-0.1047	245.02	0.004	253.4	-0.3968
245.08	0.002	225.8	-0.1047	245.08	0	253.2	-0.3986
245.17	0	225.7	-0.1065	245.17	-0.006	253	-0.4012
245.25	-0.003	225.6	-0.1074	245.25	-0.012	252.8	-0.4039
245.33	-0.012	225.5	-0.1101	245.33	-0.016	252.6	-0.4074
245.42	-0.011	225.4	-0.1101	245.42	-0.021	252.5	-0.4083
245.50	-0.015	225.3	-0.1118	245.50	-0.027	252.3	-0.411
245.58	-0.02	225.3	-0.1136	245.58	-0.03	252.1	-0.4136
245.67	-0.024	225.1	-0.1145	245.67	-0.036	251.9	-0.4163
245.77	-0.026	225	-0.1163	245.75	-0.042	251.7	-0.4199
245.83	-0.03	224.9	-0.1172	245.83	-0.049	251.4	-0.4225
245.92	-0.035	224.8	-0.1189	245.92	-0.053	251.3	-0.427
246.00	-0.04	224.6	-0.1207	246.00	-0.057	251.1	-0.4296
246.08	-0.041	224.5	-0.1225	246.08	-0.064	250.9	-0.4332
246.17	-0.046	224.4	-0.1243	246.17	-0.068	250.7	-0.4358
246.25	-0.048	224.3	-0.126	246.25	-0.072	250.5	-0.4385
246.33	-0.052	224.2	-0.1269	246.33	-0.078	250.3	-0.442
246.42	-0.055	224.1	-0.1287	246.43	-0.084	250	-0.4456
246.50	-0.06	224	-0.1305	246.50	-0.087	249.8	-0.45
246.58	-0.063	223.8	-0.1314	246.58	-0.091	249.6	-0.4527
246.67	-0.066	223.7	-0.134	246.67	-0.098	249.3	-0.4571
246.75	-0.07	223.6	-0.1358	246.75	-0.102	249.1	-0.4607
246.83	-0.072	223.5	-0.1367	246.83	-0.106	248.9	-0.4642
246.92	-0.075	223.4	-0.1385	246.92	-0.11	248.7	-0.4669
247.00	-0.078	223.3	-0.1394	247.00	-0.117	248.5	-0.4713
247.08	-0.083	223.2	-0.1411	247.08	-0.119	248.3	-0.474
247.17	-0.086	223	-0.1429	247.17	-0.123	248.1	-0.4776
247.27	-0.088	223	-0.1447	247.25	-0.129	247.9	-0.4811
247.33	-0.092	222.8	-0.1465	247.33	-0.134	247.6	-0.4838
247.42	-0.097	222.7	-0.1482	247.42	-0.137	247.4	-0.4891
247.50	-0.099	222.6	-0.1491	247.50	-0.141	247.2	-0.4926
247.58	-0.1	222.5	-0.1509	247.58	-0.145	247	-0.4962
247.67	-0.103	222.4	-0.1527	247.67	-0.148	246.9	-0.4997
247.75	-0.106	222.3	-0.1536	247.75	-0.152	246.7	-0.5033
247.83	-0.107	222.2	-0.1553	247.83	-0.157	246.5	-0.506
247.92	-0.111	222.1	-0.1562	247.93	-0.162	246.2	-0.5095
248.00	-0.115	222	-0.158	248.00	-0.163	246	-0.5148
248.08	-0.118	221.8	-0.1589	248.08	-0.166	245.8	-0.5175
248.17	-0.12	221.7	-0.1616	248.17	-0.171	245.6	-0.5228
248.25	-0.122	221.6	-0.1624	248.25	-0.175	245.3	-0.5255
248.33	-0.124	221.5	-0.1633	248.33	-0.177	245.2	-0.5299
248.42	-0.126	221.5	-0.1651	248.42	-0.179	245	-0.5335
248.50	-0.129	221.4	-0.166	248.50	-0.184	244.9	-0.5361
248.58	-0.132	221.3	-0.1669	248.58	-0.186	244.7	-0.5397
248.68	-0.133	221.2	-0.1687	248.67	-0.188	244.6	-0.5423
248.75	-0.134	221.1	-0.1695	248.75	-0.193	244.5	-0.545
248.83	-0.136	221	-0.1704	248.83	-0.196	244.3	-0.5477
248.92	-0.14	220.9	-0.1713	248.92	-0.197	244.2	-0.5521
249.00	-0.14	220.8	-0.1731	249.00	-0.2	244.1	-0.5548
249.08	-0.143	220.7	-0.174	249.08	-0.203	244	-0.5574
249.17	-0.144	220.7	-0.1749	249.17	-0.204	244	-0.5601
249.25	-0.147	220.6	-0.1758	249.25	-0.206	243.6	-0.5619

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
249.33	-0.147	220.5	-0.1766	249.35	-0.21	243.6	-0.5645
249.42	-0.148	220.5	-0.1775	249.42	-0.212	243.5	-0.5672
249.50	-0.151	220.4	-0.1784	249.50	-0.214	243.4	-0.5708
249.58	-0.152	220.3	-0.1793	249.58	-0.216	243.1	-0.5734
249.67	-0.153	220.3	-0.1802	249.67	-0.216	243	-0.5752
249.75	-0.154	220.2	-0.1802	249.75	-0.218	242.9	-0.577
249.83	-0.155	220.2	-0.1811	249.83	-0.219	242.7	-0.5787
249.92	-0.156	220.1	-0.1811	249.92	-0.221	242.5	-0.5805
250.00	-0.157	220.1	-0.182	250.00	-0.221	242	-0.5823
250.10	-0.157	220.1	-0.1829	250.08	-0.222	241.8	-0.5832
250.17	-0.159	220	-0.1837	250.17	-0.223	241.7	-0.585
250.25	-0.159	220	-0.1837	250.25	-0.224	241.6	-0.5858
250.33	-0.16	220	-0.1846	250.33	-0.225	241.5	-0.5867
250.42	-0.161	219.9	-0.1846	250.42	-0.226	241.4	-0.5894
250.50	-0.161	219.9	-0.1855	250.50	-0.226	241.3	-0.5903
250.58	-0.161	219.8	-0.1864	250.58	-0.226	241.2	-0.5912
250.67	-0.161	219.8	-0.1864	250.67	-0.227	241.1	-0.5921
250.75	-0.161	219.8	-0.1864	250.75	-0.227	241	-0.5929
250.83	-0.161	219.8	-0.1864	250.85	-0.227	240.9	-0.5929
250.92	-0.162	219.8	-0.1873	250.92	-0.226	240.8	-0.5938
251.00	-0.161	219.8	-0.1873	251.00	-0.227	240.8	-0.5947
251.08	-0.162	219.7	-0.1873	251.08	-0.226	240.7	-0.5947
251.17	-0.161	219.7	-0.1873	251.17	-0.226	240.6	-0.5956
251.25	-0.161	219.7	-0.1882	251.25	-0.225	240.6	-0.5956
251.33	-0.16	219.7	-0.1882	251.33	-0.225	240.5	-0.5965
251.42	-0.159	219.7	-0.1882	251.42	-0.224	240.5	-0.5965
251.50	-0.159	219.7	-0.1882	251.50	-0.223	240.4	-0.5965
251.60	-0.158	219.7	-0.1882	251.58	-0.223	240.4	-0.5965
251.67	-0.158	219.7	-0.1882	251.67	-0.221	240.4	-0.5965
251.75	-0.157	219.7	-0.1882	251.75	-0.22	240.4	-0.5965
251.83	-0.156	219.7	-0.1882	251.83	-0.218	240.4	-0.5965
251.92	-0.155	219.7	-0.1882	251.92	-0.217	240.3	-0.5956
252.00	-0.153	219.7	-0.1873	252.00	-0.215	240.3	-0.5956
252.08	-0.153	219.7	-0.1873	252.08	-0.214	240.3	-0.5956
252.17	-0.151	219.7	-0.1873	252.17	-0.212	240.3	-0.5956
252.25	-0.15	219.7	-0.1873	252.27	-0.21	240.3	-0.5947
252.33	-0.148	219.7	-0.1864	252.33	-0.207	240.3	-0.5947
252.42	-0.146	219.7	-0.1864	252.42	-0.205	240.4	-0.5947
252.50	-0.144	219.7	-0.1864	252.50	-0.204	240.4	-0.5938
252.58	-0.144	219.7	-0.1864	252.58	-0.202	240.4	-0.5938
252.67	-0.144	219.7	-0.1864	252.67	-0.198	240.4	-0.5929
252.75	-0.143	219.7	-0.1855	252.75	-0.195	240.4	-0.5929
252.83	-0.137	219.7	-0.1846	252.83	-0.193	240.5	-0.5921
252.92	-0.137	219.7	-0.1846	252.92	-0.19	240.5	-0.5912
253.02	-0.134	219.7	-0.1846	253.00	-0.188	240.5	-0.5912
253.08	-0.133	219.7	-0.1846	253.08	-0.185	240.6	-0.5903
253.17	-0.13	219.7	-0.1837	253.17	-0.182	240.6	-0.5894
253.25	-0.128	219.7	-0.1829	253.25	-0.179	240.7	-0.5894
253.33	-0.126	219.7	-0.1829	253.33	-0.176	240.8	-0.5894
253.42	-0.122	219.7	-0.1829	253.42	-0.171	240.8	-0.5867
253.50	-0.121	219.7	-0.182	253.50	-0.167	240.9	-0.5867
253.58	-0.118	219.7	-0.1811	253.58	-0.164	240.9	-0.5858
253.67	-0.117	219.8	-0.1811	253.67	-0.163	241	-0.585
253.75	-0.113	219.8	-0.1802	253.75	-0.159	241.1	-0.5841
253.83	-0.111	219.8	-0.1802	253.83	-0.154	241.1	-0.5832
253.92	-0.108	219.8	-0.1802	253.92	-0.148	241.3	-0.5823
254.00	-0.104	219.8	-0.1793	254.00	-0.146	241.4	-0.5805
254.08	-0.102	219.9	-0.1793	254.08	-0.143	241.5	-0.5805
254.17	-0.1	219.9	-0.1775	254.17	-0.138	241.6	-0.5787
254.25	-0.097	219.9	-0.1775	254.25	-0.133	241.7	-0.5779

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
254.33	-0.093	220	-0.1766	254.33	-0.13	241.8	-0.5761
254.42	-0.091	220	-0.1758	254.42	-0.127	241.9	-0.5752
254.52	-0.088	220.1	-0.1749	254.50	-0.121	242	-0.5743
254.58	-0.084	220.1	-0.1749	254.58	-0.119	242.1	-0.5734
254.67	-0.082	220.1	-0.174	254.67	-0.113	242.2	-0.5716
254.75	-0.079	220.1	-0.1731	254.75	-0.108	242.3	-0.5699
254.83	-0.074	220.2	-0.1722	254.83	-0.102	242.5	-0.569
254.92	-0.071	220.2	-0.1713	254.92	-0.098	242.6	-0.5672
255.00	-0.067	220.3	-0.1704	255.00	-0.094	242.7	-0.5654
255.08	-0.066	220.3	-0.1695	255.08	-0.088	242.8	-0.5637
255.17	-0.061	220.4	-0.1687	255.18	-0.086	242.9	-0.5628
255.25	-0.057	220.5	-0.1678	255.25	-0.079	243	-0.561
255.33	-0.055	220.5	-0.1669	255.33	-0.074	243.1	-0.5592
255.42	-0.052	220.6	-0.166	255.42	-0.067	243.3	-0.5574
255.50	-0.046	220.7	-0.1651	255.50	-0.066	243.4	-0.5557
255.58	-0.042	220.8	-0.1642	255.58	-0.062	243.5	-0.5539
255.67	-0.04	220.8	-0.1624	255.67	-0.054	243.7	-0.5512
255.75	-0.036	220.9	-0.1607	255.75	-0.048	243.9	-0.5503
255.83	-0.033	221	-0.1598	255.83	-0.041	244.1	-0.5468
255.93	-0.029	221.1	-0.1589	255.92	-0.04	244.2	-0.545
256.00	-0.026	221.2	-0.1571	256.00	-0.032	244.4	-0.5432
256.08	-0.021	221.3	-0.1562	256.08	-0.03	244.5	-0.5406
256.17	-0.017	221.4	-0.1553	256.17	-0.026	244.7	-0.5388
256.25	-0.014	221.4	-0.1544	256.25	-0.017	244.9	-0.5361
256.33	-0.011	221.5	-0.1527	256.33	-0.012	245.1	-0.5344
256.42	-0.006	221.7	-0.1518	256.42	-0.009	245.3	-0.5317
256.50	-0.002	221.8	-0.1509	256.50	-0.003	245.5	-0.529
256.58	0.001	221.8	-0.1482	256.60	0.003	245.7	-0.5264
256.67	0.003	221.9	-0.1473	256.67	0.006	245.8	-0.5237
256.75	0.01	222	-0.1465	256.75	0.011	246	-0.5219
256.83	0.011	222.1	-0.1447	256.83	0.021	246.2	-0.5184
256.92	0.016	222.2	-0.1429	256.92	0.02	246.5	-0.5166
257.00	0.022	222.3	-0.142	257.00	0.025	246.7	-0.5131
257.08	0.023	222.5	-0.1411	257.08	0.031	246.8	-0.5104
257.17	0.028	222.6	-0.1385	257.17	0.04	247	-0.5068
257.25	0.029	222.7	-0.1376	257.25	0.046	247.3	-0.5042
257.33	0.035	222.8	-0.1358	257.33	0.047	247.5	-0.5006
257.43	0.039	222.9	-0.1349	257.42	0.053	247.7	-0.4971
257.50	0.042	223	-0.1331	257.50	0.061	247.9	-0.4944
257.58	0.045	223.1	-0.1314	257.58	0.063	248.1	-0.4909
257.67	0.049	223.2	-0.1296	257.67	0.069	248.3	-0.4882
257.75	0.052	223.3	-0.1287	257.75	0.074	248.4	-0.4855
257.83	0.056	223.4	-0.1269	257.83	0.081	248.7	-0.4829
257.92	0.061	223.6	-0.1252	257.92	0.084	248.9	-0.4776
258.00	0.065	223.7	-0.1243	258.00	0.089	249.1	-0.4749
258.08	0.07	223.8	-0.1216	258.10	0.095	249.3	-0.4713
258.17	0.07	223.9	-0.1207	258.17	0.097	249.5	-0.4687
258.25	0.075	224	-0.1189	258.25	0.102	249.7	-0.4651
258.33	0.077	224.1	-0.1172	258.33	0.109	249.9	-0.4625
258.42	0.081	224.2	-0.1163	258.42	0.111	250.2	-0.458
258.50	0.085	224.4	-0.1145	258.50	0.116	250.4	-0.4554
258.58	0.089	224.5	-0.1127	258.58	0.121	250.6	-0.4518
258.67	0.091	224.6	-0.111	258.67	0.129	250.8	-0.4483
258.75	0.094	224.7	-0.1092	258.75	0.133	251	-0.4447
258.85	0.098	224.9	-0.1074	258.83	0.134	251.2	-0.4403
258.92	0.102	225	-0.1065	258.92	0.139	251.4	-0.4367
259.00	0.103	225.1	-0.1047	259.00	0.146	251.6	-0.4332
259.08	0.107	225.2	-0.1039	259.08	0.148	251.8	-0.4296
259.17	0.109	225.3	-0.1021	259.17	0.152	252	-0.427
259.25	0.112	225.4	-0.1012	259.25	0.159	252.1	-0.4234

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
259.33	0.116	225.5	-0.0994	259.33	0.162	252.4	-0.4207
259.42	0.116	225.7	-0.0985	259.42	0.165	252.6	-0.4154
259.50	0.119	225.8	-0.0976	259.52	0.168	252.8	-0.4119
259.58	0.121	225.9	-0.0959	259.58	0.176	253	-0.4083
259.67	0.127	226.1	-0.0941	259.67	0.175	253.1	-0.4065
259.75	0.128	226.2	-0.0932	259.75	0.18	253.3	-0.4039
259.83	0.131	226.3	-0.0914	259.83	0.185	253.6	-0.3986
259.92	0.133	226.4	-0.0905	259.92	0.189	253.7	-0.3959
260.00	0.136	226.5	-0.0897	260.00	0.19	253.9	-0.3932
260.08	0.139	226.6	-0.0879	260.08	0.195	254.1	-0.3906
260.17	0.141	226.7	-0.087	260.17	0.197	254.2	-0.3888
260.27	0.145	226.8	-0.0852	260.25	0.202	254.5	-0.3852
260.33	0.145	226.9	-0.0843	260.33	0.204	254.6	-0.3808
260.42	0.146	227	-0.0834	260.42	0.206	254.8	-0.3781
260.50	0.149	227.1	-0.0817	260.50	0.209	254.9	-0.3764
260.58	0.148	227.2	-0.0817	260.58	0.21	255.1	-0.3737
260.67	0.154	227.3	-0.0799	260.67	0.213	255.2	-0.3719
260.75	0.154	227.4	-0.0799	260.75	0.217	255.4	-0.3693
260.83	0.156	227.5	-0.0781	260.83	0.218	255.6	-0.3666
260.92	0.158	227.6	-0.0781	260.92	0.22	255.7	-0.3639
261.00	0.16	227.7	-0.0772	261.02	0.223	255.8	-0.3613
261.08	0.16	227.8	-0.0763	261.08	0.225	256	-0.3595
261.17	0.163	227.9	-0.0754	261.17	0.226	256.1	-0.3577
261.25	0.162	227.9	-0.0746	261.25	0.228	256.2	-0.3559
261.33	0.165	228	-0.0737	261.33	0.231	256.4	-0.3533
261.42	0.166	228.1	-0.0737	261.42	0.232	256.5	-0.3524
261.50	0.167	228.2	-0.0719	261.50	0.234	256.6	-0.3506
261.58	0.168	228.2	-0.0719	261.58	0.234	256.7	-0.3497
261.67	0.169	228.3	-0.071	261.67	0.235	256.8	-0.348
261.77	0.17	228.4	-0.071	261.75	0.237	257	-0.3471
261.83	0.171	228.4	-0.0701	261.83	0.237	257.1	-0.3453
261.92	0.174	228.5	-0.0701	261.92	0.239	257.2	-0.3435
262.00	0.171	228.6	-0.0692	262.00	0.239	257.3	-0.3426
262.08	0.172	228.7	-0.0683	262.08	0.241	257.4	-0.3417
262.17	0.174	228.7	-0.0683	262.17	0.241	257.5	-0.3409
262.25	0.173	228.8	-0.0683	262.25	0.242	257.5	-0.3409
262.33	0.174	228.8	-0.0675	262.33	0.241	257.6	-0.34
262.42	0.173	228.9	-0.0675	262.43	0.241	257.7	-0.3391
262.50	0.174	228.9	-0.0675	262.50	0.241	257.7	-0.3382
262.58	0.174	229	-0.0657	262.58	0.242	257.8	-0.3373
262.67	0.174	229	-0.0657	262.67	0.243	257.9	-0.3373
262.75	0.173	229.1	-0.0657	262.75	0.24	258	-0.3373
262.83	0.173	229.1	-0.0657	262.83	0.24	258.1	-0.3364
262.92	0.173	229.1	-0.0657	262.92	0.239	258.1	-0.3364
263.00	0.172	229.2	-0.0657	263.00	0.239	258.2	-0.3364
263.08	0.172	229.2	-0.0657	263.08	0.238	258.2	-0.3364
263.17	0.171	229.2	-0.0657	263.17	0.237	258.3	-0.3364
263.25	0.172	229.3	-0.0657	263.25	0.236	258.3	-0.3364
263.33	0.17	229.3	-0.0657	263.33	0.235	258.4	-0.3364
263.42	0.17	229.3	-0.0657	263.42	0.233	258.4	-0.3364
263.50	0.168	229.3	-0.0657	263.50	0.233	258.4	-0.3364
263.58	0.168	229.4	-0.0657	263.58	0.23	258.4	-0.3364
263.67	0.166	229.4	-0.0657	263.67	0.229	258.5	-0.3364
263.75	0.165	229.4	-0.0657	263.75	0.227	258.5	-0.3364
263.83	0.165	229.4	-0.0657	263.83	0.226	258.5	-0.3364
263.92	0.161	229.4	-0.0675	263.92	0.224	258.5	-0.3373
264.00	0.161	229.4	-0.0675	264.00	0.221	258.5	-0.3373
264.08	0.16	229.4	-0.0675	264.08	0.219	258.5	-0.3382
264.17	0.159	229.5	-0.0683	264.17	0.216	258.6	-0.3382
264.25	0.156	229.4	-0.0683	264.25	0.211	258.6	-0.3391

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
264.33	0.154	229.5	-0.0683	264.33	0.209	258.6	-0.3391
264.42	0.154	229.5	-0.0683	264.42	0.207	258.6	-0.3391
264.50	0.149	229.4	-0.0692	264.50	0.205	258.6	-0.34
264.58	0.149	229.5	-0.0692	264.58	0.202	258.6	-0.34
264.68	0.147	229.4	-0.0692	264.67	0.199	258.6	-0.3409
264.75	0.145	229.4	-0.0701	264.75	0.196	258.5	-0.3409
264.83	0.142	229.4	-0.0701	264.83	0.193	258.5	-0.3417
264.92	0.14	229.4	-0.0701	264.92	0.191	258.5	-0.3426
265.00	0.138	229.4	-0.071	265.00	0.187	258.5	-0.3426
265.08	0.136	229.4	-0.0719	265.08	0.184	258.4	-0.3435
265.17	0.134	229.4	-0.0719	265.17	0.18	258.4	-0.3444
265.25	0.132	229.4	-0.0719	265.25	0.177	258.4	-0.3444
265.33	0.128	229.3	-0.0728	265.35	0.174	258.3	-0.3453
265.42	0.125	229.3	-0.0728	265.42	0.17	258.3	-0.3462
265.50	0.122	229.3	-0.0737	265.50	0.167	258.2	-0.3471
265.58	0.12	229.3	-0.0746	265.58	0.16	258.2	-0.348
265.67	0.114	229.2	-0.0754	265.67	0.158	258.1	-0.348
265.75	0.113	229.3	-0.0754	265.75	0.152	258.1	-0.3497
265.83	0.11	229.2	-0.0763	265.83	0.15	258	-0.3506
265.92	0.106	229.2	-0.0772	265.92	0.144	257.9	-0.3515
266.00	0.104	229.1	-0.0772	266.00	0.141	257.8	-0.3524
266.10	0.101	229.1	-0.0781	266.08	0.139	257.8	-0.3533
266.17	0.1	229.1	-0.0781	266.17	0.132	257.7	-0.3542
266.25	0.099	229	-0.079	266.25	0.127	257.6	-0.3551
266.33	0.092	228.9	-0.0799	266.33	0.124	257.5	-0.3568
266.42	0.09	228.9	-0.0808	266.42	0.121	257.5	-0.3577
266.50	0.086	228.9	-0.0817	266.50	0.114	257.4	-0.3595
266.58	0.084	228.8	-0.0817	266.58	0.112	257.3	-0.3604
266.67	0.078	228.7	-0.0834	266.67	0.105	257.2	-0.3613
266.75	0.077	228.7	-0.0834	266.77	0.1	257.1	-0.3622
266.83	0.071	228.6	-0.0852	266.83	0.096	257	-0.3639
266.92	0.068	228.5	-0.0852	266.92	0.092	256.9	-0.3657
267.00	0.067	228.4	-0.0861	267.00	0.088	256.8	-0.3675
267.08	0.063	228.4	-0.0879	267.08	0.08	256.6	-0.3684
267.17	0.058	228.3	-0.0888	267.17	0.075	256.5	-0.3693
267.25	0.054	228.2	-0.0897	267.25	0.069	256.3	-0.3728
267.33	0.053	228.2	-0.0905	267.33	0.065	256.2	-0.3746
267.42	0.046	228.1	-0.0914	267.42	0.061	256.1	-0.3755
267.50	0.042	228	-0.0923	267.50	0.056	256	-0.3772
267.60	0.044	227.9	-0.0932	267.58	0.052	255.9	-0.379
267.67	0.038	227.8	-0.0941	267.67	0.046	255.7	-0.3808
267.75	0.034	227.7	-0.0959	267.75	0.038	255.5	-0.3826
267.83	0.028	227.6	-0.0968	267.83	0.036	255.4	-0.3861
267.92	0.024	227.5	-0.0985	267.92	0.028	255.2	-0.3879
268.00	0.022	227.4	-0.0994	268.00	0.027	255.1	-0.3897
268.08	0.017	227.3	-0.1012	268.08	0.022	255	-0.3914
268.17	0.014	227.2	-0.1021	268.17	0.015	254.8	-0.3932
268.25	0.011	227.1	-0.103	268.27	0.007	254.7	-0.3959
268.33	0.004	227	-0.1047	268.33	0.003	254.4	-0.3986
268.42	0.002	226.9	-0.1056	268.42	0	254.3	-0.4012
268.50	0.002	226.8	-0.1074	268.50	-0.007	254.1	-0.4039
268.58	-0.004	226.7	-0.1092	268.58	-0.015	254	-0.4057
268.67	-0.008	226.6	-0.1101	268.67	-0.015	253.7	-0.4074
268.75	-0.013	226.5	-0.1118	268.75	-0.022	253.5	-0.411
268.83	-0.015	226.4	-0.1127	268.83	-0.027	253.3	-0.4145
268.92	-0.022	226.3	-0.1145	268.92	-0.033	253.1	-0.4172
269.02	-0.022	226.2	-0.1163	269.00	-0.039	252.9	-0.4199
269.08	-0.024	226.1	-0.1172	269.08	-0.042	252.7	-0.4225
269.17	-0.029	226	-0.1189	269.17	-0.048	252.5	-0.4261
269.25	-0.034	225.9	-0.1207	269.25	-0.054	252.3	-0.4278

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
269.33	-0.039	225.7	-0.1216	269.33	-0.058	252.1	-0.4323
269.42	-0.041	225.6	-0.1243	269.42	-0.063	251.9	-0.4358
269.50	-0.045	225.5	-0.1252	269.50	-0.072	251.6	-0.4394
269.58	-0.047	225.4	-0.1269	269.58	-0.072	251.5	-0.442
269.67	-0.053	225.2	-0.1287	269.68	-0.08	251.3	-0.4456
269.75	-0.055	225.1	-0.1305	269.75	-0.081	251.1	-0.4483
269.83	-0.058	225	-0.1314	269.83	-0.09	250.7	-0.4518
269.92	-0.066	224.8	-0.1323	269.92	-0.092	250.6	-0.4562
270.00	-0.066	224.7	-0.1349	270.00	-0.097	250.4	-0.4598
270.08	-0.07	224.6	-0.1367	270.08	-0.103	250.1	-0.4633
270.17	-0.073	224.5	-0.1385	270.17	-0.108	249.9	-0.466
270.25	-0.073	224.4	-0.1394	270.25	-0.11	249.7	-0.4704
270.33	-0.078	224.3	-0.1411	270.33	-0.117	249.4	-0.4749
270.42	-0.082	224.1	-0.1429	270.42	-0.119	249.2	-0.4776
270.50	-0.086	224	-0.1447	270.50	-0.12	249.1	-0.4802
270.58	-0.088	223.9	-0.1456	270.58	-0.128	248.9	-0.4847
270.67	-0.091	223.8	-0.1473	270.67	-0.134	248.7	-0.4882
270.75	-0.096	223.6	-0.1491	270.75	-0.138	248.4	-0.4909
270.83	-0.101	223.5	-0.15	270.83	-0.142	248.2	-0.4971
270.92	-0.1	223.4	-0.1527	270.92	-0.144	248	-0.4997
271.00	-0.104	223.3	-0.1536	271.00	-0.148	247.8	-0.5033
271.08	-0.107	223.2	-0.1553	271.08	-0.15	247.6	-0.506
271.17	-0.109	223.1	-0.1562	271.18	-0.155	247.4	-0.5095
271.25	-0.111	223	-0.1571	271.27	-0.161	247.2	-0.5131
271.33	-0.114	222.9	-0.1589	271.33	-0.165	246.9	-0.5166
271.42	-0.118	222.7	-0.1607	271.42	-0.169	246.7	-0.5228
271.50	-0.119	222.6	-0.1624	271.50	-0.171	246.5	-0.5264
271.58	-0.122	222.5	-0.1633	271.58	-0.175	246.3	-0.529
271.67	-0.127	222.5	-0.1651	271.67	-0.178	246.1	-0.5317
271.75	-0.126	222.4	-0.166	271.75	-0.181	245.9	-0.5361
271.83	-0.128	222.3	-0.1669	271.83	-0.182	245.7	-0.5397
271.93	-0.131	222.2	-0.1687	271.92	-0.187	245.5	-0.5432
272.00	-0.134	222	-0.1704	272.00	-0.189	245.4	-0.5459
272.08	-0.137	222	-0.1713	272.08	-0.192	245.3	-0.5486
272.17	-0.135	221.9	-0.1722	272.17	-0.196	245.2	-0.5512
272.25	-0.139	221.8	-0.1731	272.25	-0.198	245	-0.5539
272.33	-0.141	221.7	-0.174	272.33	-0.2	244.9	-0.5583
272.42	-0.143	221.6	-0.1749	272.42	-0.203	244.8	-0.561
272.50	-0.144	221.5	-0.1758	272.50	-0.205	244.7	-0.5637
272.58	-0.146	221.5	-0.1766	272.60	-0.207	244.6	-0.5654
272.67	-0.147	221.4	-0.1775	272.67	-0.208	244.5	-0.5681
272.75	-0.148	221.4	-0.1784	272.75	-0.212	244.2	-0.5699
272.83	-0.148	221.3	-0.1793	272.83	-0.213	244.1	-0.5725
272.92	-0.156	221.2	-0.1811	272.92	-0.214	244	-0.5752
273.00	-0.152	221.1	-0.1811	273.00	-0.215	243.9	-0.577
273.08	-0.154	221.1	-0.182	273.08	-0.218	243.8	-0.5787
273.17	-0.155	221	-0.182	273.17	-0.221	243.5	-0.5814
273.25	-0.155	221	-0.1829	273.25	-0.22	243.4	-0.5832
273.33	-0.156	221	-0.1837	273.33	-0.222	243.4	-0.585
273.42	-0.158	220.9	-0.1837	273.42	-0.223	243.2	-0.5867
273.50	-0.159	220.9	-0.1846	273.50	-0.223	243.2	-0.5876
273.58	-0.158	220.9	-0.1846	273.58	-0.224	242.5	-0.5885
273.67	-0.158	220.8	-0.1855	273.67	-0.226	242.4	-0.5903
273.75	-0.16	220.8	-0.1864	273.75	-0.226	242.2	-0.5912
273.83	-0.161	220.7	-0.1864	273.83	-0.227	242.2	-0.5929
273.92	-0.161	220.7	-0.1873	273.92	-0.226	242.1	-0.5938
274.00	-0.161	220.7	-0.1873	274.00	-0.226	242	-0.5938
274.08	-0.162	220.7	-0.1873	274.08	-0.228	241.9	-0.5956
274.17	-0.161	220.7	-0.1882	274.17	-0.227	241.8	-0.5956
274.25	-0.161	220.6	-0.1882	274.25	-0.228	241.8	-0.5965

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
274.33	-0.161	220.6	-0.1882	274.33	-0.226	241.7	-0.5974
274.42	-0.161	220.6	-0.1882	274.42	-0.226	241.6	-0.5974
274.50	-0.161	220.6	-0.1891	274.50	-0.226	241.6	-0.5974
274.58	-0.16	220.6	-0.1891	274.58	-0.226	241.5	-0.5983
274.67	-0.161	220.6	-0.1891	274.67	-0.224	241.4	-0.5983
274.75	-0.16	220.6	-0.1891	274.75	-0.224	241.4	-0.5983
274.85	-0.159	220.6	-0.1891	274.83	-0.222	241.4	-0.5983
274.92	-0.158	220.5	-0.1891	274.92	-0.223	241.3	-0.5992
275.00	-0.158	220.5	-0.1891	275.00	-0.222	241.3	-0.5983
275.08	-0.156	220.5	-0.1891	275.08	-0.219	241.3	-0.5983
275.17	-0.156	220.5	-0.1891	275.17	-0.218	241.3	-0.5983
275.25	-0.155	220.5	-0.1891	275.25	-0.217	241.3	-0.5983
275.33	-0.153	220.5	-0.1882	275.33	-0.216	241.3	-0.5983
275.42	-0.152	220.5	-0.1882	275.42	-0.213	241.3	-0.5983
275.50	-0.151	220.5	-0.1882	275.52	-0.212	241.3	-0.5974
275.58	-0.151	220.5	-0.1882	275.58	-0.21	241.3	-0.5974
275.67	-0.148	220.5	-0.1873	275.67	-0.207	241.3	-0.5965
275.75	-0.148	220.5	-0.1873	275.75	-0.205	241.3	-0.5965
275.83	-0.146	220.5	-0.1873	275.83	-0.203	241.3	-0.5965
275.92	-0.144	220.5	-0.1873	275.92	-0.2	241.3	-0.5956
276.00	-0.142	220.5	-0.1864	276.00	-0.199	241.3	-0.5956
276.08	-0.14	220.5	-0.1864	276.08	-0.194	241.4	-0.5947
276.17	-0.138	220.5	-0.1864	276.17	-0.193	241.4	-0.5947
276.27	-0.136	220.5	-0.1855	276.25	-0.192	241.4	-0.5938
276.33	-0.134	220.5	-0.1855	276.33	-0.187	241.5	-0.5929
276.42	-0.133	220.5	-0.1855	276.42	-0.185	241.5	-0.5921
276.50	-0.129	220.5	-0.1846	276.50	-0.183	241.5	-0.5921
276.58	-0.129	220.6	-0.1846	276.58	-0.179	241.6	-0.5912
276.67	-0.126	220.6	-0.1837	276.67	-0.174	241.7	-0.5903
276.75	-0.123	220.6	-0.1837	276.75	-0.171	241.8	-0.5903
276.83	-0.12	220.6	-0.1829	276.83	-0.169	241.8	-0.5885
276.92	-0.119	220.6	-0.182	276.93	-0.164	241.9	-0.5885
277.00	-0.116	220.6	-0.182	277.00	-0.162	241.9	-0.5876
277.08	-0.114	220.7	-0.1811	277.08	-0.16	242	-0.5867
277.17	-0.111	220.7	-0.1802	277.17	-0.156	242.1	-0.5858
277.25	-0.106	220.7	-0.1802	277.25	-0.15	242.2	-0.5841
277.33	-0.105	220.7	-0.1802	277.33	-0.146	242.3	-0.5832
277.42	-0.101	220.7	-0.1802	277.42	-0.143	242.4	-0.5823
277.50	-0.099	220.8	-0.1793	277.50	-0.14	242.5	-0.5814
277.58	-0.097	220.8	-0.1784	277.58	-0.133	242.6	-0.5805
277.67	-0.091	220.9	-0.1775	277.67	-0.129	242.7	-0.5796
277.77	-0.09	220.9	-0.1775	277.75	-0.128	242.8	-0.5779
277.83	-0.087	220.9	-0.1758	277.83	-0.122	242.9	-0.577
277.92	-0.084	220.9	-0.1758	277.92	-0.115	243	-0.5752
278.00	-0.08	221	-0.1749	278.00	-0.113	243.1	-0.5734
278.08	-0.078	221	-0.174	278.08	-0.109	243.2	-0.5725
278.17	-0.076	221	-0.1731	278.17	-0.103	243.3	-0.5716
278.25	-0.072	221.1	-0.1722	278.25	-0.097	243.5	-0.5699
278.33	-0.067	221.2	-0.1713	278.33	-0.094	243.6	-0.5681
278.42	-0.065	221.2	-0.1704	278.43	-0.09	243.7	-0.5663
278.50	-0.062	221.3	-0.1695	278.50	-0.085	243.8	-0.5645
278.58	-0.058	221.3	-0.1687	278.58	-0.081	243.9	-0.5637
278.67	-0.058	221.4	-0.1678	278.67	-0.076	244	-0.5619
278.75	-0.053	221.5	-0.1669	278.75	-0.07	244.2	-0.5592
278.83	-0.047	221.6	-0.1651	278.83	-0.065	244.3	-0.5583
278.92	-0.042	221.6	-0.1651	278.92	-0.063	244.5	-0.5557
279.00	-0.04	221.7	-0.1633	279.00	-0.054	244.7	-0.5539
279.08	-0.036	221.8	-0.1624	279.08	-0.049	244.8	-0.5521
279.18	-0.033	221.9	-0.1616	279.17	-0.04	245	-0.5503
279.25	-0.027	222	-0.1598	279.25	-0.04	245.2	-0.5468

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
279.33	-0.025	222.1	-0.1589	279.33	-0.034	245.3	-0.545
279.42	-0.02	222.2	-0.1571	279.42	-0.029	245.5	-0.5432
279.50	-0.018	222.3	-0.1562	279.50	-0.025	245.7	-0.5415
279.58	-0.016	222.3	-0.1553	279.58	-0.02	245.8	-0.5388
279.67	-0.011	222.4	-0.1544	279.67	-0.012	246.1	-0.5361
279.75	-0.006	222.5	-0.1527	279.75	-0.008	246.3	-0.5344
279.83	-0.001	222.7	-0.1518	279.85	-0.004	246.4	-0.5308
279.92	0	222.8	-0.1491	279.92	0.002	246.6	-0.5281
280.00	0.003	222.9	-0.1482	280.00	0.008	246.8	-0.5255
280.08	0.008	223	-0.1473	280.08	0.013	247	-0.5228
280.17	0.011	223.1	-0.1456	280.17	0.019	247.2	-0.5193
280.25	0.015	223.1	-0.1447	280.25	0.02	247.4	-0.5175
280.33	0.023	223.2	-0.1429	280.33	0.029	247.6	-0.5139
280.42	0.023	223.4	-0.142	280.42	0.032	247.8	-0.5113
280.50	0.027	223.5	-0.1394	280.50	0.038	248	-0.5086
280.58	0.031	223.6	-0.1385	280.58	0.044	248.2	-0.506
280.67	0.036	223.7	-0.1367	280.67	0.048	248.4	-0.5033
280.75	0.041	223.8	-0.1358	280.75	0.053	248.6	-0.4997
280.83	0.042	223.9	-0.1331	280.83	0.06	248.8	-0.4953
280.92	0.045	224	-0.1323	280.92	0.064	249	-0.4935
281.00	0.05	224.1	-0.1305	281.00	0.068	249.2	-0.49
281.08	0.052	224.2	-0.1296	281.08	0.073	249.4	-0.4873
281.17	0.055	224.3	-0.1278	281.17	0.08	249.7	-0.4838
281.25	0.063	224.5	-0.126	281.25	0.077	249.9	-0.4802
281.33	0.063	224.6	-0.1252	281.35	0.088	250.1	-0.4767
281.42	0.067	224.8	-0.1225	281.42	0.093	250.3	-0.4731
281.50	0.071	224.9	-0.1216	281.50	0.099	250.5	-0.4696
281.58	0.075	225	-0.1198	281.58	0.103	250.7	-0.4669
281.67	0.077	225.1	-0.1181	281.67	0.108	251	-0.4625
281.75	0.08	225.2	-0.1172	281.75	0.113	251.1	-0.4598
281.83	0.087	225.3	-0.1145	281.83	0.115	251.3	-0.4571
281.92	0.088	225.5	-0.1145	281.92	0.12	251.5	-0.4536
282.00	0.091	225.6	-0.1118	282.00	0.126	251.7	-0.45
282.10	0.094	225.7	-0.1101	282.08	0.13	252	-0.4465
282.17	0.098	225.8	-0.1092	282.17	0.138	252.2	-0.4438
282.25	0.102	225.9	-0.1074	282.25	0.139	252.4	-0.4385
282.33	0.104	226	-0.1056	282.33	0.143	252.6	-0.4358
282.42	0.107	226.1	-0.1047	282.42	0.15	252.8	-0.4314
282.50	0.108	226.2	-0.103	282.50	0.151	253	-0.4278
282.58	0.112	226.3	-0.1012	282.58	0.156	253.1	-0.4252
282.67	0.114	226.5	-0.1003	282.67	0.161	253.4	-0.4225
282.75	0.119	226.6	-0.0985	282.77	0.164	253.6	-0.419
282.83	0.122	226.7	-0.0976	282.83	0.168	253.8	-0.4145
282.92	0.126	226.8	-0.0959	282.92	0.172	254	-0.411
283.00	0.127	226.9	-0.095	283.00	0.175	254.2	-0.4074
283.08	0.131	227	-0.0932	283.08	0.178	254.4	-0.4065
283.17	0.131	227.1	-0.0923	283.17	0.181	254.6	-0.4021
283.25	0.134	227.2	-0.0914	283.25	0.187	254.8	-0.3986
283.33	0.136	227.3	-0.0897	283.33	0.189	254.9	-0.3959
283.42	0.14	227.5	-0.0888	283.42	0.192	255.1	-0.3932
283.50	0.141	227.6	-0.087	283.50	0.195	255.2	-0.3906
283.58	0.146	227.7	-0.0861	283.58	0.199	255.5	-0.387
283.67	0.146	227.7	-0.0852	283.67	0.202	255.6	-0.3852
283.75	0.15	227.9	-0.0843	283.75	0.207	255.8	-0.3799
283.83	0.149	227.9	-0.0826	283.83	0.209	255.9	-0.3781
283.92	0.151	228	-0.0817	283.92	0.21	256.1	-0.3764
284.00	0.156	228.1	-0.0808	284.00	0.212	256.2	-0.3737
284.08	0.154	228.2	-0.0799	284.08	0.217	256.4	-0.371
284.17	0.159	228.3	-0.079	284.17	0.219	256.6	-0.3693
284.25	0.157	228.4	-0.079	284.25	0.221	256.7	-0.3675

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
284.33	0.157	228.5	-0.0781	284.33	0.222	256.8	-0.3639
284.42	0.158	228.6	-0.0772	284.42	0.226	257	-0.3613
284.50	0.16	228.7	-0.0763	284.50	0.225	257.1	-0.3604
284.58	0.163	228.8	-0.0754	284.58	0.228	257.3	-0.3586
284.67	0.164	228.8	-0.0754	284.67	0.23	257.4	-0.3559
284.75	0.166	228.9	-0.0746	284.75	0.231	257.5	-0.3542
284.83	0.166	229	-0.0737	284.83	0.233	257.6	-0.3533
284.92	0.168	229.1	-0.0737	284.92	0.234	257.7	-0.3515
285.02	0.168	229.1	-0.0728	285.00	0.236	257.8	-0.3506
285.08	0.17	229.2	-0.0719	285.08	0.236	257.9	-0.3488
285.17	0.17	229.3	-0.0719	285.17	0.237	258.1	-0.348
285.25	0.173	229.3	-0.071	285.25	0.237	258.2	-0.3462
285.33	0.17	229.4	-0.071	285.33	0.241	258.3	-0.3453
285.42	0.171	229.5	-0.0701	285.42	0.238	258.3	-0.3444
285.50	0.171	229.5	-0.0701	285.50	0.241	258.4	-0.3435
285.58	0.174	229.6	-0.0692	285.58	0.239	258.5	-0.3426
285.67	0.172	229.6	-0.0692	285.68	0.24	258.6	-0.3417
285.75	0.172	229.7	-0.0692	285.75	0.241	258.7	-0.3417
285.83	0.174	229.8	-0.0683	285.83	0.241	258.8	-0.3409
285.92	0.173	229.8	-0.0683	285.92	0.241	258.9	-0.34
286.00	0.173	229.8	-0.0683	286.00	0.238	259	-0.34
286.08	0.172	229.9	-0.0683	286.08	0.237	259.1	-0.34
286.17	0.173	229.9	-0.0683	286.17	0.238	259.1	-0.34
286.25	0.172	229.9	-0.0683	286.25	0.236	259.2	-0.34
286.33	0.171	230	-0.0675	286.33	0.237	259.3	-0.3391
286.43	0.171	230	-0.0675	286.42	0.236	259.3	-0.3391
286.50	0.172	230.1	-0.0675	286.50	0.235	259.3	-0.3391
286.58	0.17	230.1	-0.0675	286.58	0.234	259.4	-0.3391
286.67	0.17	230.1	-0.0675	286.67	0.233	259.4	-0.3391
286.75	0.168	230.1	-0.0675	286.75	0.232	259.5	-0.3391
286.83	0.167	230.2	-0.0683	286.83	0.23	259.5	-0.3391
286.92	0.166	230.2	-0.0683	286.92	0.23	259.5	-0.3391
287.00	0.166	230.2	-0.0683	287.00	0.227	259.5	-0.34
287.08	0.165	230.2	-0.0683	287.10	0.226	259.6	-0.34
287.17	0.163	230.2	-0.0683	287.17	0.223	259.6	-0.34
287.25	0.161	230.2	-0.0683	287.25	0.222	259.6	-0.34
287.33	0.161	230.2	-0.0692	287.33	0.219	259.6	-0.3409
287.42	0.158	230.2	-0.0692	287.42	0.218	259.6	-0.3409
287.50	0.157	230.2	-0.0692	287.50	0.215	259.6	-0.3409
287.58	0.155	230.2	-0.0692	287.58	0.213	259.6	-0.3417
287.67	0.154	230.2	-0.0701	287.67	0.211	259.6	-0.3417
287.75	0.152	230.2	-0.0701	287.75	0.207	259.6	-0.3426
287.83	0.149	230.2	-0.0701	287.83	0.205	259.6	-0.3426
287.93	0.148	230.2	-0.071	287.92	0.202	259.6	-0.3435
288.00	0.146	230.2	-0.071	288.00	0.2	259.6	-0.3435
288.08	0.144	230.2	-0.071	288.08	0.196	259.6	-0.3444
288.17	0.141	230.2	-0.0719	288.17	0.193	259.5	-0.3444
288.25	0.139	230.2	-0.0719	288.25	0.19	259.5	-0.3453
288.33	0.137	230.2	-0.0728	288.33	0.187	259.5	-0.3462
288.42	0.135	230.2	-0.0728	288.42	0.184	259.5	-0.3462
288.50	0.132	230.1	-0.0737	288.50	0.183	259.4	-0.3471
288.58	0.13	230.1	-0.0737	288.60	0.177	259.4	-0.348
288.67	0.128	230.1	-0.0746	288.67	0.172	259.3	-0.3488
288.75	0.124	230.1	-0.0746	288.75	0.169	259.3	-0.3488
288.83	0.121	230	-0.0754	288.83	0.166	259.2	-0.3497
288.92	0.119	230	-0.0754	288.92	0.163	259.2	-0.3506
289.00	0.117	230	-0.0763	289.00	0.155	259.1	-0.3515
289.08	0.113	229.9	-0.0772	289.08	0.156	259.1	-0.3524
289.17	0.112	229.9	-0.0772	289.17	0.15	259	-0.3533
289.25	0.109	229.9	-0.0781	289.25	0.145	258.9	-0.3542

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
289.35	0.104	229.8	-0.079	289.33	0.142	258.8	-0.3551
289.42	0.102	229.8	-0.079	289.42	0.139	258.8	-0.3559
289.50	0.102	229.7	-0.0799	289.50	0.133	258.7	-0.3568
289.58	0.096	229.7	-0.0808	289.58	0.128	258.6	-0.3586
289.67	0.091	229.6	-0.0817	289.67	0.123	258.5	-0.3595
289.75	0.088	229.6	-0.0817	289.75	0.12	258.4	-0.3604
289.83	0.086	229.5	-0.0834	289.83	0.115	258.3	-0.3622
289.92	0.081	229.5	-0.0843	289.92	0.111	258.3	-0.363
290.00	0.08	229.4	-0.0843	290.02	0.106	258.2	-0.3639
290.08	0.077	229.4	-0.0852	290.08	0.101	258.1	-0.3657
290.17	0.073	229.3	-0.0861	290.17	0.095	257.9	-0.3666
290.25	0.068	229.2	-0.087	290.25	0.09	257.8	-0.3684
290.33	0.062	229.1	-0.0879	290.33	0.087	257.7	-0.3701
290.42	0.062	229.1	-0.0888	290.42	0.082	257.6	-0.3719
290.50	0.058	229	-0.0897	290.50	0.075	257.4	-0.3728
290.58	0.054	228.9	-0.0905	290.58	0.071	257.3	-0.3746
290.67	0.052	228.9	-0.0914	290.67	0.066	257.2	-0.3772
290.75	0.046	228.8	-0.0932	290.75	0.061	257.1	-0.379
290.85	0.044	228.7	-0.0941	290.83	0.057	256.9	-0.3799
290.92	0.041	228.7	-0.0941	290.92	0.053	256.8	-0.3826
291.00	0.037	228.5	-0.0959	291.00	0.048	256.7	-0.3835
291.08	0.033	228.4	-0.0968	291.08	0.039	256.5	-0.3861
291.17	0.028	228.4	-0.0976	291.17	0.034	256.3	-0.3879
291.25	0.025	228.2	-0.0994	291.25	0.031	256.2	-0.3906
291.33	0.023	228.2	-0.1003	291.33	0.024	256	-0.3923
291.42	0.018	228.1	-0.1021	291.42	0.021	255.9	-0.395
291.50	0.015	228	-0.103	291.52	0.015	255.7	-0.3968
291.58	0.012	227.9	-0.1047	291.58	0.009	255.6	-0.3994
291.67	0.007	227.8	-0.1056	291.67	0.002	255.3	-0.4012
291.75	0.002	227.7	-0.1074	291.75	-0.002	255.2	-0.403
291.83	-0.002	227.6	-0.1083	291.83	-0.005	255	-0.4065
291.92	-0.002	227.5	-0.1101	291.92	-0.011	254.9	-0.4083
292.00	-0.008	227.3	-0.1118	292.00	-0.018	254.6	-0.411
292.08	-0.012	227.2	-0.1136	292.08	-0.024	254.4	-0.4136
292.17	-0.015	227.2	-0.1145	292.17	-0.027	254.3	-0.4172
292.27	-0.02	227	-0.1163	292.25	-0.033	254.1	-0.4199
292.33	-0.024	226.9	-0.1181	292.33	-0.037	253.9	-0.4225
292.42	-0.026	226.8	-0.1189	292.42	-0.041	253.7	-0.4252
292.50	-0.03	226.7	-0.1207	292.50	-0.047	253.5	-0.4278
292.58	-0.033	226.6	-0.1216	292.58	-0.055	253.2	-0.4314
292.67	-0.036	226.5	-0.1234	292.67	-0.058	253	-0.4341
292.75	-0.044	226.3	-0.126	292.75	-0.062	252.8	-0.4385
292.83	-0.046	226.2	-0.1269	292.83	-0.069	252.6	-0.442
292.92	-0.048	226.1	-0.1287	292.93	-0.072	252.4	-0.4447
293.00	-0.052	226	-0.1296	293.00	-0.076	252.2	-0.4474
293.08	-0.055	225.9	-0.1314	293.08	-0.082	252	-0.4509
293.17	-0.058	225.8	-0.1331	293.17	-0.089	251.7	-0.4545
293.25	-0.063	225.7	-0.134	293.25	-0.092	251.5	-0.4589
293.33	-0.066	225.5	-0.1358	293.33	-0.096	251.3	-0.4616
293.42	-0.07	225.4	-0.1385	293.42	-0.101	251.1	-0.4651
293.50	-0.074	225.3	-0.1394	293.50	-0.107	250.8	-0.4687
293.58	-0.076	225.2	-0.1411	293.58	-0.111	250.6	-0.4722
293.67	-0.078	225.1	-0.142	293.67	-0.115	250.4	-0.4767
293.75	-0.084	224.9	-0.1456	293.75	-0.121	250.1	-0.4802
293.83	-0.087	224.8	-0.1465	293.83	-0.123	249.9	-0.4838
293.92	-0.089	224.7	-0.1482	293.92	-0.126	249.7	-0.4873
294.00	-0.091	224.6	-0.1491	294.00	-0.134	249.5	-0.4909
294.08	-0.094	224.5	-0.15	294.08	-0.138	249.2	-0.4944
294.17	-0.098	224.3	-0.1518	294.17	-0.141	249	-0.498
294.25	-0.101	224.2	-0.1527	294.25	-0.145	248.8	-0.5033

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
294.33	-0.104	224.1	-0.1553	294.33	-0.15	248.6	-0.5068
294.42	-0.106	224	-0.1562	294.43	-0.152	248.4	-0.5104
294.50	-0.109	223.9	-0.158	294.50	-0.156	248.2	-0.5131
294.58	-0.111	223.8	-0.1589	294.58	-0.16	248	-0.5166
294.67	-0.114	223.7	-0.1607	294.67	-0.165	247.7	-0.5202
294.75	-0.117	223.6	-0.1616	294.75	-0.166	247.5	-0.5255
294.83	-0.121	223.4	-0.1624	294.83	-0.171	247.3	-0.529
294.92	-0.122	223.3	-0.1651	294.92	-0.173	247.2	-0.5317
295.00	-0.124	223.2	-0.166	295.00	-0.179	246.9	-0.5352
295.08	-0.126	223.1	-0.1669	295.08	-0.181	246.7	-0.5379
295.18	-0.128	223	-0.1678	295.17	-0.184	246.5	-0.5432
295.25	-0.131	222.9	-0.1695	295.25	-0.187	246.4	-0.5459
295.33	-0.133	222.8	-0.1713	295.33	-0.189	246.2	-0.5486
295.42	-0.136	222.8	-0.1722	295.42	-0.192	246.1	-0.5512
295.50	-0.137	222.7	-0.1731	295.50	-0.196	245.9	-0.5548
295.58	-0.139	222.6	-0.174	295.58	-0.198	245.7	-0.5566
295.67	-0.14	222.5	-0.1749	295.67	-0.201	245.6	-0.5592
295.75	-0.143	222.4	-0.1758	295.75	-0.203	245.5	-0.5637
295.83	-0.144	222.3	-0.1775	295.85	-0.205	245.4	-0.5654
295.92	-0.146	222.3	-0.1784	295.92	-0.205	245.2	-0.5681
296.00	-0.148	222.2	-0.1784	296.00	-0.208	245.1	-0.5699
296.08	-0.149	222.1	-0.1802	296.08	-0.21	245.1	-0.5725
296.17	-0.15	222.1	-0.1802	296.17	-0.214	245	-0.5761
296.25	-0.152	222	-0.1802	296.25	-0.213	244.9	-0.5779
296.33	-0.153	221.9	-0.1811	296.33	-0.215	244.5	-0.5796
296.42	-0.154	221.9	-0.182	296.42	-0.217	244.5	-0.5814
296.50	-0.156	221.8	-0.1829	296.50	-0.219	244.4	-0.5832
296.60	-0.159	221.8	-0.1846	296.58	-0.221	244.3	-0.585
296.67	-0.156	221.7	-0.1846	296.67	-0.221	244.2	-0.5867
296.75	-0.157	221.7	-0.1846	296.75	-0.223	244	-0.5885
296.83	-0.159	221.7	-0.1855	296.83	-0.223	243.9	-0.5894
296.92	-0.159	221.6	-0.1855	296.92	-0.223	243.8	-0.5912
297.00	-0.16	221.6	-0.1864	297.00	-0.226	243.8	-0.5921
297.08	-0.16	221.6	-0.1864	297.08	-0.226	243.6	-0.5929
297.17	-0.16	221.6	-0.1873	297.17	-0.226	243.6	-0.5947
297.25	-0.161	221.5	-0.1873	297.27	-0.226	242.9	-0.5956
297.33	-0.161	221.5	-0.1882	297.33	-0.227	242.8	-0.5965
297.42	-0.161	221.4	-0.1882	297.42	-0.228	242.8	-0.5974
297.50	-0.162	221.4	-0.1882	297.50	-0.228	242.7	-0.5983
297.58	-0.162	221.4	-0.1891	297.58	-0.227	242.6	-0.5983
297.67	-0.162	221.4	-0.1891	297.67	-0.227	242.5	-0.5992
297.75	-0.161	221.4	-0.1891	297.75	-0.227	242.4	-0.5992
297.83	-0.161	221.3	-0.1891	297.83	-0.226	242.4	-0.6
297.92	-0.161	221.3	-0.1891	297.92	-0.226	242.3	-0.6
298.00	-0.16	221.3	-0.19	298.00	-0.224	242.3	-0.6
298.10	-0.159	221.3	-0.1891	298.08	-0.224	242.3	-0.6
298.17	-0.159	221.3	-0.19	298.17	-0.223	242.2	-0.6
298.25	-0.159	221.3	-0.19	298.25	-0.222	242.2	-0.6
298.33	-0.158	221.3	-0.19	298.33	-0.221	242.1	-0.6
298.42	-0.157	221.3	-0.1891	298.42	-0.22	242.1	-0.6
298.50	-0.156	221.3	-0.1891	298.50	-0.219	242.1	-0.6
298.58	-0.155	221.3	-0.1891	298.58	-0.217	242.1	-0.6
298.67	-0.153	221.3	-0.1891	298.67	-0.215	242.1	-0.6
298.75	-0.152	221.3	-0.1891	298.77	-0.214	242.1	-0.6
298.83	-0.152	221.3	-0.1891	298.83	-0.211	242.1	-0.5992
298.92	-0.15	221.3	-0.1891	298.92	-0.21	242.1	-0.5992
299.00	-0.148	221.3	-0.1882	299.00	-0.207	242.1	-0.5983
299.08	-0.148	221.3	-0.1882	299.08	-0.206	242.1	-0.5983
299.17	-0.146	221.3	-0.1882	299.17	-0.203	242.1	-0.5983
299.25	-0.144	221.3	-0.1873	299.25	-0.2	242.1	-0.5974

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
299.33	-0.141	221.3	-0.1873	299.33	-0.199	242.2	-0.5965
299.42	-0.141	221.3	-0.1873	299.42	-0.196	242.2	-0.5965
299.52	-0.138	221.3	-0.1864	299.50	-0.192	242.2	-0.5965
299.58	-0.136	221.3	-0.1864	299.58	-0.19	242.3	-0.5956
299.67	-0.134	221.3	-0.1864	299.67	-0.189	242.3	-0.5947
299.75	-0.132	221.3	-0.1855	299.75	-0.184	242.3	-0.5938
299.83	-0.13	221.3	-0.1855	299.83	-0.182	242.4	-0.5938
299.92	-0.128	221.3	-0.1846	299.92	-0.18	242.4	-0.5929
300.00	-0.125	221.3	-0.1846	300.00	-0.175	242.5	-0.5921
300.08	-0.124	221.3	-0.1837	300.08	-0.171	242.6	-0.5912
300.17	-0.12	221.3	-0.1837	300.18	-0.168	242.7	-0.5903
300.25	-0.118	221.4	-0.1829	300.25	-0.166	242.7	-0.5903
300.33	-0.117	221.4	-0.1829	300.33	-0.161	242.8	-0.5894
300.42	-0.113	221.4	-0.182	300.42	-0.159	242.9	-0.5885
300.50	-0.111	221.4	-0.1811	300.50	-0.154	243	-0.5867
300.58	-0.109	221.4	-0.1811	300.58	-0.153	243	-0.5867
300.67	-0.106	221.5	-0.1802	300.67	-0.147	243.2	-0.585
300.75	-0.102	221.5	-0.1802	300.75	-0.141	243.2	-0.5841
300.83	-0.099	221.5	-0.1793	300.83	-0.139	243.3	-0.5832
300.92	-0.104	221.6	-0.1802	300.92	-0.134	243.4	-0.5814
301.02	-0.094	221.6	-0.1784	301.00	-0.129	243.6	-0.5805
301.08	-0.089	221.6	-0.1775	301.08	-0.124	243.7	-0.5787
301.17	-0.086	221.7	-0.1766	301.17	-0.121	243.7	-0.5779
301.25	-0.084	221.7	-0.1758	301.25	-0.116	243.8	-0.577
301.33	-0.081	221.7	-0.1749	301.33	-0.112	243.9	-0.5752
301.42	-0.078	221.8	-0.1749	301.42	-0.108	244	-0.5743
301.50	-0.076	221.8	-0.174	301.50	-0.104	244.1	-0.5725
301.58	-0.071	221.8	-0.1731	301.58	-0.096	244.3	-0.5716
301.67	-0.066	221.9	-0.1722	301.68	-0.094	244.4	-0.569
301.75	-0.065	222	-0.1713	301.75	-0.089	244.5	-0.5681
301.83	-0.063	222	-0.1704	301.83	-0.084	244.6	-0.5663
301.92	-0.059	222.1	-0.1695	301.92	-0.08	244.7	-0.5645
302.00	-0.053	222.2	-0.1678	302.00	-0.076	244.9	-0.5628
302.08	-0.051	222.2	-0.1669	302.08	-0.072	245	-0.5619
302.17	-0.047	222.3	-0.166	302.17	-0.062	245.2	-0.5592
302.25	-0.041	222.4	-0.1651	302.25	-0.061	245.3	-0.5574
302.33	-0.036	222.5	-0.1642	302.33	-0.056	245.5	-0.5557
302.43	-0.038	222.6	-0.1633	302.42	-0.049	245.7	-0.5539
302.50	-0.033	222.6	-0.1616	302.50	-0.042	245.9	-0.5521
302.58	-0.027	222.8	-0.1607	302.58	-0.039	246.1	-0.5486
302.67	-0.025	222.9	-0.1598	302.67	-0.033	246.2	-0.5468
302.75	-0.022	222.9	-0.158	302.75	-0.029	246.4	-0.545
302.83	-0.017	223	-0.1562	302.83	-0.025	246.5	-0.5423
302.92	-0.014	223.1	-0.1553	302.92	-0.021	246.7	-0.5406
303.00	-0.011	223.2	-0.1544	303.00	-0.013	246.9	-0.5379
303.08	-0.008	223.3	-0.1536	303.10	-0.007	247.2	-0.5361
303.17	-0.002	223.4	-0.1518	303.17	-0.003	247.3	-0.5326
303.25	0.001	223.5	-0.1509	303.25	0.001	247.5	-0.5299
303.33	0.004	223.6	-0.1491	303.33	0.009	247.7	-0.5273
303.42	0.01	223.7	-0.1473	303.42	0.015	247.9	-0.5255
303.50	0.011	223.8	-0.1465	303.50	0.019	248.1	-0.5219
303.58	0.016	223.9	-0.1447	303.58	0.022	248.3	-0.5184
303.67	0.019	224	-0.1438	303.67	0.029	248.5	-0.5157
303.75	0.025	224.2	-0.142	303.75	0.033	248.7	-0.5131
303.83	0.029	224.3	-0.1402	303.83	0.037	248.8	-0.5104
303.92	0.029	224.4	-0.1385	303.92	0.044	249	-0.5077
304.00	0.035	224.5	-0.1376	304.00	0.051	249.3	-0.5042
304.08	0.039	224.6	-0.1367	304.08	0.054	249.5	-0.5006
304.17	0.042	224.7	-0.1349	304.17	0.059	249.7	-0.4971
304.25	0.045	224.8	-0.1331	304.25	0.065	249.9	-0.4944

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
304.33	0.049	224.9	-0.1314	304.33	0.069	250.1	-0.4909
304.42	0.052	225.1	-0.1296	304.42	0.072	250.3	-0.4882
304.50	0.055	225.2	-0.1287	304.50	0.081	250.5	-0.4847
304.58	0.059	225.3	-0.1269	304.60	0.086	250.8	-0.482
304.67	0.064	225.4	-0.1252	304.67	0.089	251	-0.4776
304.75	0.068	225.5	-0.1243	304.75	0.094	251.2	-0.474
304.83	0.07	225.6	-0.1216	304.83	0.099	251.4	-0.4713
304.92	0.074	225.8	-0.1207	304.92	0.105	251.6	-0.4687
305.00	0.077	225.9	-0.1189	305.00	0.108	251.8	-0.4642
305.08	0.08	226	-0.1181	305.08	0.113	252	-0.4607
305.17	0.084	226.1	-0.1163	305.17	0.119	252.2	-0.4571
305.25	0.088	226.3	-0.1136	305.25	0.122	252.4	-0.4536
305.35	0.09	226.3	-0.1127	305.33	0.126	252.6	-0.4509
305.42	0.094	226.5	-0.111	305.42	0.13	252.8	-0.4465
305.50	0.097	226.6	-0.1101	305.50	0.138	253.1	-0.4438
305.58	0.102	226.7	-0.1083	305.58	0.141	253.3	-0.4394
305.67	0.104	226.8	-0.1074	305.67	0.144	253.5	-0.4358
305.75	0.105	226.9	-0.1056	305.75	0.151	253.7	-0.4323
305.83	0.11	227	-0.1039	305.83	0.153	253.9	-0.4296
305.92	0.113	227.1	-0.1021	305.92	0.157	254.1	-0.4261
306.00	0.115	227.2	-0.1012	306.02	0.162	254.2	-0.4234
306.08	0.118	227.3	-0.0994	306.08	0.166	254.5	-0.419
306.17	0.122	227.5	-0.0985	306.17	0.171	254.7	-0.4145
306.25	0.124	227.6	-0.0976	306.25	0.172	254.9	-0.4119
306.33	0.125	227.7	-0.0959	306.33	0.177	255	-0.4092
306.42	0.13	227.8	-0.0941	306.42	0.18	255.3	-0.4065
306.50	0.131	227.9	-0.0932	306.50	0.184	255.5	-0.4021
306.58	0.134	228	-0.0923	306.58	0.187	255.6	-0.3994
306.67	0.136	228.1	-0.0905	306.67	0.191	255.8	-0.3968
306.77	0.14	228.3	-0.0888	306.75	0.193	256	-0.3941
306.83	0.141	228.3	-0.0879	306.83	0.197	256.1	-0.3914
306.92	0.143	228.4	-0.087	306.92	0.199	256.3	-0.3888
307.00	0.146	228.5	-0.0861	307.00	0.204	256.5	-0.3861
307.08	0.148	228.7	-0.0852	307.08	0.206	256.7	-0.3817
307.17	0.146	228.8	-0.0843	307.17	0.208	256.8	-0.379
307.25	0.149	228.9	-0.0834	307.25	0.211	257	-0.3772
307.33	0.152	229	-0.0826	307.33	0.213	257.1	-0.3746
307.42	0.154	229.1	-0.0817	307.43	0.215	257.2	-0.3728
307.50	0.155	229.2	-0.0808	307.50	0.219	257.4	-0.3701
307.58	0.157	229.2	-0.0799	307.58	0.221	257.6	-0.3684
307.67	0.159	229.3	-0.079	307.67	0.223	257.7	-0.3657
307.75	0.16	229.4	-0.0781	307.75	0.223	257.8	-0.3639
307.83	0.162	229.5	-0.0772	307.83	0.224	258	-0.363
307.92	0.166	229.6	-0.0763	307.92	0.226	258.2	-0.3613
308.00	0.164	229.6	-0.0754	308.00	0.227	258.3	-0.3595
308.08	0.164	229.7	-0.0754	308.08	0.229	258.5	-0.3577
308.17	0.167	229.8	-0.0746	308.17	0.231	258.6	-0.3559
308.27	0.167	229.9	-0.0737	308.25	0.232	258.7	-0.3551
308.33	0.171	230	-0.0728	308.33	0.233	258.8	-0.3542
308.42	0.168	230	-0.0728	308.42	0.235	258.9	-0.3524
308.50	0.17	230.1	-0.0728	308.50	0.236	259	-0.3515
308.58	0.171	230.1	-0.0719	308.58	0.237	259.1	-0.3497
308.67	0.172	230.2	-0.0719	308.67	0.238	259.2	-0.348
308.75	0.172	230.3	-0.071	308.75	0.238	259.3	-0.348
308.83	0.172	230.3	-0.071	308.83	0.238	259.4	-0.3471
308.92	0.174	230.4	-0.0701	308.93	0.239	259.5	-0.3462
309.00	0.175	230.4	-0.0701	309.00	0.241	259.6	-0.3453
309.08	0.173	230.5	-0.0701	309.08	0.238	259.7	-0.3453
309.17	0.175	230.5	-0.0701	309.17	0.236	259.8	-0.3444
309.25	0.172	230.6	-0.0692	309.25	0.239	259.9	-0.3435

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
309.33	0.174	230.6	-0.0692	309.33	0.239	259.9	-0.3435
309.42	0.173	230.7	-0.0692	309.42	0.238	260	-0.3426
309.50	0.172	230.7	-0.0692	309.50	0.238	260.1	-0.3426
309.58	0.173	230.7	-0.0683	309.58	0.237	260.1	-0.3426
309.68	0.172	230.8	-0.0683	309.67	0.238	260.2	-0.3417
309.75	0.172	230.8	-0.0683	309.75	0.236	260.2	-0.3417
309.83	0.17	230.8	-0.0683	309.83	0.235	260.3	-0.3417
309.92	0.171	230.9	-0.0692	309.92	0.234	260.3	-0.3417
310.00	0.17	230.9	-0.0692	310.00	0.233	260.3	-0.3417
310.08	0.169	230.9	-0.0692	310.08	0.232	260.4	-0.3417
310.17	0.168	230.9	-0.0692	310.17	0.231	260.4	-0.3426
310.25	0.165	230.9	-0.0692	310.25	0.229	260.4	-0.3426
310.33	0.166	231	-0.0692	310.35	0.227	260.5	-0.3426
310.42	0.165	231	-0.0692	310.42	0.226	260.5	-0.3426
310.50	0.164	231	-0.0692	310.50	0.223	260.5	-0.3426
310.58	0.16	231	-0.0701	310.58	0.221	260.5	-0.3435
310.67	0.161	231	-0.0701	310.67	0.22	260.5	-0.3435
310.75	0.16	231	-0.0701	310.75	0.218	260.5	-0.3435
310.83	0.158	231	-0.0701	310.83	0.215	260.5	-0.3444
310.92	0.155	231	-0.071	310.92	0.212	260.5	-0.3444
311.00	0.154	231	-0.071	311.00	0.211	260.5	-0.3444
311.08	0.153	231	-0.071	311.08	0.208	260.5	-0.3453
311.18	0.152	231	-0.071	311.17	0.205	260.5	-0.3453
311.25	0.147	231	-0.0719	311.25	0.203	260.5	-0.3462
311.33	0.148	231	-0.0719	311.33	0.2	260.5	-0.3462
311.42	0.143	231	-0.0719	311.42	0.196	260.5	-0.3471
311.50	0.143	231	-0.0719	311.50	0.192	260.4	-0.3471
311.58	0.14	230.9	-0.0728	311.58	0.191	260.4	-0.348
311.67	0.139	230.9	-0.0728	311.67	0.187	260.4	-0.3488
311.75	0.134	230.9	-0.0737	311.75	0.184	260.4	-0.3488
311.83	0.133	230.9	-0.0737	311.85	0.181	260.3	-0.3497
311.92	0.131	230.9	-0.0746	311.92	0.178	260.3	-0.3506
312.00	0.13	230.8	-0.0746	312.00	0.173	260.2	-0.3515
312.08	0.126	230.8	-0.0746	312.08	0.167	260.2	-0.3515
312.17	0.122	230.8	-0.0754	312.17	0.167	260.1	-0.3524
312.25	0.119	230.7	-0.0754	312.25	0.163	260.1	-0.3533
312.33	0.117	230.7	-0.0763	312.33	0.157	260	-0.3542
312.42	0.111	230.7	-0.0772	312.42	0.152	259.9	-0.3551
312.50	0.109	230.7	-0.0781	312.50	0.149	259.9	-0.3559
312.60	0.108	230.6	-0.0781	312.58	0.145	259.8	-0.3568
312.67	0.105	230.6	-0.079	312.67	0.141	259.7	-0.3577
312.75	0.101	230.5	-0.0799	312.75	0.139	259.7	-0.3586
312.83	0.099	230.5	-0.0808	312.83	0.134	259.6	-0.3595
312.92	0.098	230.4	-0.0808	312.92	0.128	259.5	-0.3613
313.00	0.093	230.4	-0.0817	313.00	0.122	259.4	-0.3622
313.08	0.088	230.3	-0.0826	313.08	0.119	259.3	-0.3639
313.17	0.086	230.3	-0.0834	313.17	0.115	259.2	-0.3648
313.25	0.083	230.2	-0.0843	313.27	0.11	259.1	-0.3657
313.33	0.08	230.2	-0.0852	313.33	0.106	259	-0.3675
313.42	0.076	230.1	-0.0852	313.42	0.102	258.9	-0.3684
313.50	0.071	230	-0.087	313.50	0.095	258.8	-0.3693
313.58	0.072	230	-0.087	313.58	0.092	258.7	-0.371
313.67	0.066	229.9	-0.0888	313.67	0.088	258.6	-0.3728
313.75	0.06	229.8	-0.0897	313.75	0.082	258.5	-0.3737
313.83	0.059	229.8	-0.0905	313.83	0.075	258.4	-0.3755
313.92	0.055	229.7	-0.0914	313.92	0.069	258.2	-0.3772
314.00	0.054	229.6	-0.0923	314.00	0.066	258.1	-0.3799
314.08	0.048	229.5	-0.0932	314.08	0.061	257.9	-0.3808
314.17	0.044	229.5	-0.095	314.17	0.055	257.8	-0.3835
314.25	0.038	229.3	-0.0959	314.25	0.052	257.7	-0.3843

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
314.33	0.037	229.3	-0.0968	314.33	0.047	257.5	-0.3861	
314.42	0.033	229.2	-0.0976	314.42	0.04	257.4	-0.3888	
314.50	0.031	229.1	-0.0985	314.50	0.033	257.2	-0.3906	
314.58	0.027	229	-0.0994	314.58	0.031	257.1	-0.3932	
314.67	0.02	228.9	-0.1021	314.67	0.026	256.9	-0.395	
314.75	0.018	228.8	-0.103	314.77	0.019	256.8	-0.3977	
314.83	0.014	228.7	-0.1039	314.83	0.016	256.6	-0.3994	
314.92	0.012	228.7	-0.1047	314.92	0.01	256.5	-0.4021	
315.00	0.007	228.5	-0.1065	315.00	0.004	256.3	-0.4039	
315.08	0.003	228.4	-0.1074	315.08	-0.001	256.1	-0.4074	
315.17	-0.002	228.3	-0.1092	315.17	-0.004	255.9	-0.4083	
315.25	-0.007	228.2	-0.1118	315.25	-0.009	255.7	-0.411	
315.33	-0.008	228.1	-0.1118	315.33	-0.017	255.5	-0.4136	
315.42	-0.012	228	-0.1136	315.42	-0.024	255.3	-0.4163	
315.52	-0.016	227.9	-0.1154	315.50	-0.027	255.1	-0.4199	
315.58	-0.02	227.8	-0.1172	315.58	-0.032	254.9	-0.4225	
315.67	-0.023	227.7	-0.1181	315.67	-0.038	254.7	-0.4252	
315.75	-0.028	227.6	-0.1198	315.75	-0.041	254.6	-0.4278	
315.83	-0.029	227.5	-0.1207	315.83	-0.046	254.4	-0.4314	
315.92	-0.036	227.3	-0.1234	315.92	-0.054	254.2	-0.4341	
316.00	-0.037	227.2	-0.1243	316.00	-0.06	253.9	-0.4367	
316.08	-0.042	227.1	-0.126	316.08	-0.062	253.7	-0.4412	
316.17	-0.045	226.9	-0.1278	316.18	-0.068	253.5	-0.4447	
316.25	-0.048	226.8	-0.1287	316.25	-0.074	253.2	-0.4483	
316.33	-0.052	226.7	-0.1305	316.33	-0.077	253	-0.4509	
316.42	-0.053	226.6	-0.1323	316.42	-0.082	252.8	-0.4545	
316.50	-0.058	226.5	-0.134	316.50	-0.088	252.5	-0.4589	
316.58	-0.062	226.4	-0.1349	316.58	-0.093	252.3	-0.4616	
316.67	-0.067	226.2	-0.1367	316.67	-0.094	252.1	-0.4642	
316.75	-0.07	226.1	-0.1385	316.75	-0.099	251.9	-0.4678	
316.83	-0.073	226	-0.1402	316.83	-0.107	251.7	-0.4713	
316.93	-0.079	225.9	-0.142	316.92	-0.11	251.4	-0.4749	
317.00	-0.079	225.7	-0.1429	317.00	-0.117	251.2	-0.4802	
317.08	-0.081	225.6	-0.1447	317.08	-0.12	250.9	-0.4838	
317.17	-0.086	225.5	-0.1473	317.17	-0.125	250.7	-0.4873	
317.25	-0.089	225.4	-0.1482	317.25	-0.127	250.5	-0.4909	
317.33	-0.092	225.3	-0.15	317.33	-0.131	250.3	-0.4944	
317.42	-0.095	225.2	-0.1509	317.42	-0.138	250.1	-0.498	
317.50	-0.095	225.1	-0.1527	317.50	-0.142	249.8	-0.5006	
317.58	-0.105	224.9	-0.1553	317.60	-0.144	249.6	-0.506	
317.67	-0.102	224.8	-0.1562	317.67	-0.149	249.3	-0.5095	
317.75	-0.106	224.7	-0.1571	317.75	-0.154	249.1	-0.5131	
317.83	-0.109	224.6	-0.1589	317.83	-0.155	248.9	-0.5166	
317.92	-0.111	224.5	-0.1598	317.92	-0.159	248.7	-0.5193	
318.00	-0.114	224.4	-0.1616	318.00	-0.164	248.5	-0.5255	
318.08	-0.115	224.3	-0.1624	318.08	-0.169	248.3	-0.529	
318.17	-0.119	224.1	-0.1642	318.17	-0.17	248.1	-0.5317	
318.25	-0.122	224	-0.166	318.25	-0.174	247.9	-0.5344	
318.33	-0.124	223.9	-0.1669	318.33	-0.179	247.7	-0.537	
318.43	-0.127	223.8	-0.1678	318.42	-0.182	247.4	-0.5406	
318.50	-0.128	223.7	-0.1687	318.50	-0.183	247.2	-0.545	
318.58	-0.133	223.6	-0.1704	318.58	-0.186	247	-0.5477	
318.67	-0.133	223.5	-0.1713	318.67	-0.19	246.8	-0.5512	
318.75	-0.135	223.4	-0.1731	318.75	-0.192	246.7	-0.5539	
318.83	-0.138	223.3	-0.174	318.83	-0.195	246.5	-0.5566	
318.92	-0.139	223.3	-0.1749	318.92	-0.198	246.3	-0.5592	
319.00	-0.14	223.2	-0.1758	319.00	-0.201	246.1	-0.5619	
319.08	-0.144	223.1	-0.1766	319.10	-0.203	245.9	-0.5663	
319.17	-0.144	223	-0.1775	319.17	-0.205	245.8	-0.5681	
319.25	-0.145	223	-0.1793	319.25	-0.207	245.6	-0.5708	

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
319.33	-0.148	222.9	-0.1793	319.33	-0.208	245.5	-0.5725
319.42	-0.15	222.8	-0.1802	319.42	-0.211	245.2	-0.5761
319.50	-0.15	222.8	-0.1802	319.50	-0.213	245.1	-0.5779
319.58	-0.151	222.7	-0.1811	319.58	-0.215	245	-0.5796
319.67	-0.153	222.6	-0.182	319.67	-0.215	244.9	-0.5814
319.75	-0.154	222.6	-0.1829	319.75	-0.217	244.8	-0.5832
319.85	-0.155	222.5	-0.1837	319.83	-0.219	244.8	-0.585
319.92	-0.156	222.5	-0.1837	319.92	-0.221	244.6	-0.5867
320.00	-0.157	222.5	-0.1846	320.00	-0.221	244.5	-0.5894
320.08	-0.158	222.4	-0.1855	320.08	-0.223	244.4	-0.5903
320.17	-0.159	222.4	-0.1864	320.17	-0.223	244.4	-0.5921
320.25	-0.159	222.4	-0.1864	320.25	-0.224	244.3	-0.5929
320.33	-0.16	222.3	-0.1873	320.33	-0.225	244.3	-0.5938
320.42	-0.162	222.3	-0.1873	320.42	-0.226	244.2	-0.5947
320.50	-0.16	222.2	-0.1882	320.50	-0.226	244.2	-0.5965
320.58	-0.16	222.2	-0.1882	320.58	-0.227	243.9	-0.5974
320.67	-0.161	222.2	-0.1891	320.67	-0.227	243.8	-0.5983
320.75	-0.161	222.2	-0.1891	320.75	-0.227	243.8	-0.5992
320.83	-0.161	222.1	-0.1891	320.83	-0.227	243.7	-0.5992
320.92	-0.162	222.1	-0.1891	320.92	-0.226	243.7	-0.6
321.00	-0.161	222.1	-0.19	321.00	-0.227	243.7	-0.6009
321.08	-0.161	222.1	-0.19	321.08	-0.227	243.6	-0.6009
321.17	-0.161	222.1	-0.19	321.17	-0.226	243.6	-0.6009
321.25	-0.16	222.1	-0.19	321.25	-0.225	243.5	-0.6018
321.35	-0.16	222.1	-0.19	321.33	-0.225	243.5	-0.6018
321.43	-0.16	222	-0.19	321.42	-0.224	243.5	-0.6018
321.50	-0.16	222	-0.19	321.50	-0.223	243.3	-0.6018
321.58	-0.159	222	-0.19	321.58	-0.222	243.2	-0.6018
321.67	-0.158	222	-0.19	321.67	-0.221	243.2	-0.6018
321.75	-0.157	222	-0.19	321.75	-0.22	243.2	-0.6018
321.83	-0.155	222	-0.19	321.83	-0.219	243.2	-0.6018
321.92	-0.155	222	-0.19	321.92	-0.219	243.2	-0.6018
322.00	-0.154	222	-0.19	322.02	-0.214	243.2	-0.6018
322.08	-0.153	222	-0.19	322.08	-0.213	243.2	-0.6009
322.17	-0.15	222	-0.1891	322.17	-0.212	243.2	-0.6009
322.25	-0.15	222	-0.1891	322.25	-0.21	243.2	-0.6009
322.33	-0.149	222	-0.1891	322.33	-0.207	243.2	-0.6
322.42	-0.147	222	-0.1882	322.42	-0.206	243.2	-0.6
322.50	-0.146	222	-0.1882	322.50	-0.202	243.2	-0.5992
322.58	-0.144	222	-0.1882	322.58	-0.201	243.2	-0.5992
322.67	-0.142	222	-0.1882	322.67	-0.2	243.2	-0.5983
322.77	-0.139	222	-0.1873	322.75	-0.197	243.3	-0.5983
322.83	-0.142	222	-0.1873	322.83	-0.193	243.3	-0.5974
322.92	-0.138	222	-0.1873	322.92	-0.19	243.3	-0.5974
323.00	-0.134	222	-0.1864	323.00	-0.188	243.3	-0.5965
323.08	-0.131	222	-0.1864	323.08	-0.186	243.4	-0.5956
323.17	-0.131	222	-0.1855	323.17	-0.181	243.4	-0.5956
323.25	-0.128	222	-0.1855	323.25	-0.179	243.4	-0.5947
323.33	-0.125	222.1	-0.1846	323.33	-0.177	243.4	-0.5938
323.42	-0.124	222.1	-0.1846	323.43	-0.171	243.5	-0.5929
323.50	-0.121	222.1	-0.1837	323.50	-0.169	243.6	-0.5929
323.58	-0.114	222.1	-0.1837	323.58	-0.165	243.6	-0.5912
323.67	-0.118	222.1	-0.1829	323.67	-0.161	243.7	-0.5903
323.75	-0.113	222.1	-0.182	323.75	-0.157	243.8	-0.5894
323.83	-0.109	222.1	-0.1811	323.83	-0.154	243.8	-0.5894
323.92	-0.109	222.2	-0.1811	323.92	-0.151	243.9	-0.5876
324.00	-0.106	222.2	-0.1811	324.00	-0.145	244	-0.5867
324.08	-0.104	222.2	-0.1802	324.08	-0.143	244	-0.5858
324.17	-0.099	222.3	-0.1802	324.17	-0.14	244.1	-0.585
324.25	-0.097	222.3	-0.1793	324.25	-0.135	244.2	-0.5841

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
324.33	-0.094	222.3	-0.1784	324.33	-0.132	244.3	-0.5823
324.42	-0.091	222.4	-0.1784	324.42	-0.124	244.4	-0.5814
324.50	-0.087	222.4	-0.1775	324.50	-0.122	244.5	-0.5796
324.58	-0.084	222.4	-0.1766	324.58	-0.116	244.7	-0.5787
324.67	-0.083	222.5	-0.1758	324.67	-0.11	244.8	-0.5777
324.75	-0.078	222.5	-0.1749	324.75	-0.109	244.8	-0.5761
324.83	-0.074	222.5	-0.174	324.83	-0.104	244.9	-0.5752
324.92	-0.072	222.6	-0.1731	324.93	-0.098	245	-0.5734
325.00	-0.068	222.6	-0.1722	325.00	-0.091	245.2	-0.5716
325.08	-0.064	222.7	-0.1713	325.08	-0.09	245.3	-0.5699
325.17	-0.061	222.8	-0.1704	325.17	-0.085	245.4	-0.5681
325.25	-0.057	222.8	-0.1687	325.25	-0.079	245.5	-0.5663
325.33	-0.055	222.9	-0.1687	325.33	-0.073	245.7	-0.5645
325.42	-0.051	223	-0.1678	325.42	-0.07	245.9	-0.5628
325.50	-0.047	223	-0.166	325.50	-0.067	246	-0.561
325.58	-0.044	223.1	-0.1651	325.58	-0.057	246.2	-0.5583
325.68	-0.04	223.2	-0.1642	325.67	-0.056	246.4	-0.5574
325.75	-0.035	223.3	-0.1624	325.75	-0.05	246.5	-0.5557
325.83	-0.035	223.3	-0.1616	325.83	-0.044	246.6	-0.553
325.92	-0.029	223.4	-0.1607	325.92	-0.038	246.9	-0.5512
326.00	-0.025	223.6	-0.1598	326.00	-0.034	247	-0.5486
326.08	-0.021	223.6	-0.1589	326.08	-0.029	247.2	-0.5468
326.17	-0.018	223.7	-0.1571	326.17	-0.023	247.4	-0.5441
326.25	-0.014	223.8	-0.1562	326.25	-0.02	247.5	-0.5423
326.33	-0.011	223.9	-0.1544	326.35	-0.015	247.7	-0.5397
326.42	-0.007	224	-0.1536	326.42	-0.008	247.9	-0.537
326.50	-0.005	224.1	-0.1527	326.50	-0.001	248.2	-0.5352
326.58	0.001	224.2	-0.1509	326.58	0	248.3	-0.5317
326.67	0.005	224.3	-0.1491	326.67	0.009	248.5	-0.529
326.75	0.007	224.5	-0.1473	326.75	0.014	248.6	-0.5273
326.83	0.013	224.6	-0.1465	326.83	0.019	248.9	-0.5255
326.92	0.016	224.7	-0.1447	326.92	0.022	249.1	-0.5202
327.00	0.019	224.8	-0.1438	327.00	0.028	249.2	-0.5175
327.10	0.024	224.9	-0.142	327.08	0.034	249.4	-0.5139
327.17	0.027	225	-0.1402	327.17	0.037	249.7	-0.5122
327.25	0.032	225.1	-0.1385	327.25	0.042	249.8	-0.5086
327.33	0.034	225.2	-0.1376	327.33	0.051	250	-0.506
327.42	0.04	225.3	-0.1358	327.42	0.056	250.3	-0.5033
327.50	0.043	225.5	-0.1349	327.50	0.058	250.5	-0.4989
327.58	0.046	225.6	-0.1331	327.58	0.064	250.7	-0.4962
327.67	0.05	225.7	-0.1314	327.67	0.07	250.9	-0.4926
327.75	0.053	225.8	-0.1296	327.75	0.073	251.1	-0.49
327.83	0.057	225.9	-0.1287	327.83	0.078	251.3	-0.4864
327.92	0.061	226	-0.1269	327.92	0.086	251.5	-0.4829
328.00	0.061	226.1	-0.126	328.00	0.091	251.8	-0.4802
328.08	0.066	226.3	-0.1252	328.08	0.094	252	-0.4758
328.17	0.07	226.4	-0.1234	328.17	0.098	252.2	-0.4731
328.25	0.073	226.5	-0.1207	328.25	0.105	252.4	-0.4696
328.33	0.08	226.6	-0.1189	328.33	0.11	252.7	-0.4669
328.42	0.079	226.7	-0.1181	328.42	0.114	252.8	-0.4616
328.50	0.082	226.8	-0.1163	328.50	0.118	253	-0.458
328.60	0.088	227	-0.1145	328.58	0.125	253.3	-0.4545
328.67	0.091	227.1	-0.1127	328.67	0.126	253.4	-0.4518
328.75	0.094	227.2	-0.1118	328.75	0.132	253.7	-0.4483
328.83	0.096	227.3	-0.1101	328.83	0.136	253.9	-0.4447
328.92	0.097	227.5	-0.1092	328.92	0.142	254.2	-0.442
329.00	0.104	227.6	-0.1074	329.00	0.147	254.4	-0.4367
329.08	0.107	227.7	-0.1056	329.08	0.149	254.5	-0.4341
329.17	0.109	227.8	-0.1039	329.17	0.152	254.7	-0.4305
329.25	0.113	227.9	-0.1021	329.27	0.153	254.9	-0.4287

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
329.33	0.114	228	-0.1012	329.33	0.158	255.1	-0.4261
329.42	0.117	228.1	-0.1003	329.42	0.164	255.3	-0.4225
329.50	0.12	228.2	-0.0985	329.50	0.169	255.6	-0.419
329.58	0.123	228.4	-0.0976	329.58	0.172	255.8	-0.4145
329.67	0.126	228.5	-0.0968	329.67	0.174	255.9	-0.4119
329.75	0.128	228.6	-0.095	329.75	0.18	256.1	-0.4083
329.83	0.134	228.7	-0.0932	329.83	0.184	256.3	-0.4065
329.92	0.131	228.8	-0.0932	329.92	0.188	256.5	-0.4012
330.02	0.135	228.9	-0.0914	330.00	0.189	256.7	-0.3986
330.08	0.138	229	-0.0897	330.08	0.192	256.8	-0.3968
330.17	0.14	229.1	-0.0888	330.17	0.196	257	-0.3932
330.25	0.142	229.2	-0.0879	330.25	0.198	257.1	-0.3906
330.33	0.144	229.3	-0.087	330.33	0.202	257.3	-0.3879
330.42	0.147	229.4	-0.0852	330.42	0.205	257.5	-0.3852
330.50	0.149	229.5	-0.0843	330.50	0.207	257.6	-0.3817
330.58	0.152	229.6	-0.0834	330.58	0.209	257.8	-0.379
330.67	0.153	229.7	-0.0826	330.67	0.213	257.9	-0.3764
330.75	0.155	229.8	-0.0817	330.75	0.214	258.1	-0.3746
330.83	0.159	229.9	-0.0799	330.83	0.217	258.3	-0.3728
330.92	0.157	229.9	-0.0799	330.92	0.22	258.4	-0.3701
331.00	0.16	230	-0.079	331.00	0.222	258.6	-0.3675
331.08	0.16	230.1	-0.0781	331.08	0.223	258.7	-0.3657
331.17	0.162	230.2	-0.0772	331.17	0.224	258.8	-0.3639
331.25	0.164	230.3	-0.0763	331.25	0.229	258.9	-0.3622
331.33	0.167	230.3	-0.0763	331.33	0.229	259.1	-0.3604
331.42	0.165	230.4	-0.0754	331.42	0.231	259.2	-0.3586
331.52	0.169	230.5	-0.0746	331.50	0.232	259.3	-0.3568
331.58	0.168	230.5	-0.0737	331.58	0.234	259.5	-0.3551
331.67	0.169	230.6	-0.0737	331.67	0.234	259.6	-0.3533
331.75	0.17	230.7	-0.0728	331.75	0.236	259.7	-0.3524
331.83	0.171	230.7	-0.0728	331.83	0.236	259.8	-0.3515
331.92	0.171	230.8	-0.0719	331.92	0.24	259.9	-0.3506
332.00	0.172	230.9	-0.071	332.00	0.24	260	-0.3488
332.08	0.173	230.9	-0.071	332.08	0.241	260.1	-0.348
332.17	0.174	231	-0.071	332.18	0.239	260.2	-0.348
332.25	0.173	231	-0.0701	332.25	0.24	260.2	-0.3471
332.33	0.175	231.1	-0.0701	332.33	0.24	260.3	-0.3462
332.42	0.175	231.1	-0.0701	332.42	0.24	260.4	-0.3453
332.50	0.174	231.2	-0.0701	332.50	0.242	260.5	-0.3444
332.58	0.176	231.2	-0.0692	332.58	0.242	260.6	-0.3444
332.67	0.174	231.3	-0.0692	332.67	0.241	260.6	-0.3435
332.75	0.175	231.3	-0.0692	332.75	0.239	260.7	-0.3435
332.83	0.174	231.3	-0.0692	332.83	0.241	260.8	-0.3435
332.93	0.175	231.4	-0.0692	332.92	0.239	260.8	-0.3426
333.00	0.173	231.4	-0.0692	333.00	0.239	260.9	-0.3426
333.08	0.172	231.4	-0.0692	333.08	0.238	260.9	-0.3426
333.17	0.17	231.5	-0.0692	333.17	0.237	261	-0.3426
333.25	0.168	231.5	-0.0692	333.25	0.236	261	-0.3426
333.33	0.168	231.6	-0.0692	333.33	0.235	261	-0.3426
333.42	0.169	231.6	-0.0692	333.42	0.233	261.1	-0.3426
333.50	0.168	231.6	-0.0692	333.50	0.232	261.1	-0.3426
333.58	0.165	231.6	-0.0692	333.60	0.231	261.1	-0.3426
333.67	0.165	231.6	-0.0692	333.67	0.23	261.2	-0.3435
333.75	0.164	231.7	-0.0692	333.75	0.227	261.2	-0.3435
333.83	0.163	231.7	-0.0692	333.83	0.225	261.2	-0.3435
333.92	0.162	231.7	-0.0701	333.92	0.223	261.2	-0.3435
334.00	0.16	231.7	-0.0701	334.00	0.222	261.2	-0.3444
334.08	0.158	231.7	-0.0701	334.08	0.22	261.2	-0.3444
334.17	0.158	231.7	-0.0701	334.17	0.217	261.2	-0.3444
334.25	0.155	231.7	-0.071	334.25	0.212	261.2	-0.3453

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
334.33	0.153	231.7	-0.071	334.33	0.213	261.2	-0.3453
334.42	0.151	231.7	-0.071	334.42	0.21	261.2	-0.3462
334.50	0.15	231.7	-0.071	334.50	0.206	261.2	-0.3462
334.58	0.148	231.7	-0.0719	334.58	0.204	261.2	-0.3471
334.67	0.146	231.7	-0.0719	334.67	0.203	261.2	-0.3471
334.75	0.144	231.7	-0.0728	334.75	0.199	261.1	-0.348
334.83	0.141	231.7	-0.0728	334.83	0.196	261.1	-0.348
334.92	0.14	231.6	-0.0728	334.92	0.19	261.1	-0.3488
335.00	0.135	231.6	-0.0737	335.00	0.189	261.1	-0.3497
335.08	0.135	231.6	-0.0737	335.10	0.185	261	-0.3497
335.17	0.133	231.6	-0.0746	335.17	0.182	261	-0.3506
335.25	0.129	231.6	-0.0746	335.25	0.179	261	-0.3515
335.33	0.129	231.5	-0.0754	335.33	0.176	260.9	-0.3515
335.42	0.125	231.5	-0.0754	335.42	0.172	260.9	-0.3524
335.50	0.123	231.5	-0.0763	335.50	0.167	260.8	-0.3533
335.58	0.118	231.4	-0.0772	335.58	0.165	260.8	-0.3542
335.67	0.116	231.4	-0.0772	335.67	0.161	260.7	-0.3551
335.75	0.114	231.4	-0.0781	335.75	0.154	260.6	-0.3559
335.85	0.11	231.3	-0.079	335.83	0.148	260.5	-0.3568
335.92	0.107	231.3	-0.079	335.92	0.147	260.5	-0.3577
336.00	0.107	231.3	-0.0799	336.00	0.142	260.4	-0.3586
336.08	0.102	231.2	-0.0808	336.08	0.137	260.3	-0.3595
336.17	0.099	231.2	-0.0808	336.17	0.133	260.3	-0.3613
336.25	0.095	231.1	-0.0817	336.25	0.129	260.2	-0.3622
336.33	0.093	231.1	-0.0826	336.33	0.12	260.1	-0.363
336.42	0.089	231	-0.0834	336.42	0.117	260	-0.3639
336.50	0.087	231	-0.0834	336.52	0.117	260	-0.3657
336.58	0.08	230.9	-0.0852	336.58	0.11	259.9	-0.3666
336.67	0.079	230.8	-0.0852	336.67	0.107	259.8	-0.3684
336.75	0.075	230.8	-0.0861	336.75	0.104	259.7	-0.3693
336.83	0.073	230.7	-0.087	336.83	0.094	259.5	-0.371
336.92	0.07	230.7	-0.0879	336.92	0.089	259.4	-0.3728
337.00	0.066	230.6	-0.0888	337.00	0.087	259.3	-0.3737
337.08	0.06	230.5	-0.0897	337.08	0.082	259.2	-0.3755
337.17	0.058	230.5	-0.0905	337.17	0.078	259.1	-0.3764
337.27	0.055	230.4	-0.0923	337.25	0.071	259	-0.3781
337.33	0.052	230.3	-0.0932	337.33	0.064	258.8	-0.3799
337.42	0.047	230.2	-0.0941	337.42	0.061	258.7	-0.3817
337.50	0.043	230.1	-0.095	337.50	0.056	258.5	-0.3843
337.58	0.043	230.1	-0.0968	337.58	0.053	258.4	-0.3852
337.67	0.036	230	-0.0976	337.67	0.047	258.3	-0.3879
337.75	0.034	229.9	-0.0985	337.75	0.04	258.1	-0.3897
337.83	0.03	229.8	-0.0994	337.83	0.035	258	-0.3914
337.92	0.026	229.7	-0.1003	337.92	0.029	257.7	-0.3932
338.00	0.019	229.6	-0.1021	338.00	0.027	257.6	-0.3959
338.08	0.018	229.5	-0.103	338.08	0.02	257.5	-0.3986
338.17	0.015	229.5	-0.1047	338.17	0.014	257.3	-0.4012
338.25	0.01	229.3	-0.1056	338.25	0.01	257.2	-0.403
338.33	0.007	229.3	-0.1074	338.33	0.005	256.9	-0.4057
338.42	0.004	229.2	-0.1083	338.42	-0.001	256.8	-0.4074
338.50	0	229.1	-0.1101	338.50	-0.004	256.6	-0.4092
338.58	-0.005	228.9	-0.111	338.58	-0.009	256.4	-0.4119
338.67	-0.008	228.8	-0.1127	338.67	-0.017	256.3	-0.4145
338.77	-0.01	228.7	-0.1145	338.75	-0.023	256	-0.4172
338.83	-0.015	228.6	-0.1154	338.83	-0.029	255.8	-0.4199
338.92	-0.021	228.4	-0.1172	338.92	-0.033	255.6	-0.4243
339.00	-0.023	228.3	-0.1181	339.00	-0.037	255.5	-0.427
339.08	-0.027	228.2	-0.1207	339.08	-0.043	255.3	-0.4296
339.17	-0.03	228.1	-0.1216	339.17	-0.047	255.1	-0.4323
339.25	-0.034	228	-0.1234	339.25	-0.053	254.9	-0.4358

Prova triassiale ciclica SNME07-C3							
pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
339.33	-0.037	227.9	-0.1243	339.33	-0.059	254.6	-0.4385
339.42	-0.041	227.8	-0.126	339.43	-0.065	254.4	-0.4412
339.50	-0.046	227.6	-0.1278	339.50	-0.068	254.2	-0.4465
339.58	-0.049	227.5	-0.1296	339.58	-0.075	254	-0.45
339.67	-0.052	227.4	-0.1314	339.67	-0.077	253.8	-0.4527
339.75	-0.056	227.3	-0.1331	339.75	-0.084	253.4	-0.4554
339.83	-0.059	227.2	-0.134	339.83	-0.088	253.3	-0.4607
339.92	-0.063	227.1	-0.1367	339.92	-0.093	253	-0.4633
340.00	-0.065	227	-0.1376	340.00	-0.096	252.8	-0.4669
340.08	-0.071	226.8	-0.1394	340.08	-0.099	252.6	-0.4696
340.18	-0.073	226.7	-0.1411	340.17	-0.106	252.4	-0.4731
340.25	-0.075	226.6	-0.142	340.25	-0.112	252.1	-0.4767
340.33	-0.077	226.5	-0.1438	340.33	-0.117	251.9	-0.4802
340.42	-0.083	226.3	-0.1456	340.42	-0.119	251.7	-0.4847
340.50	-0.086	226.2	-0.1473	340.50	-0.125	251.4	-0.4882
340.58	-0.089	226.1	-0.1491	340.58	-0.129	251.2	-0.4918
340.67	-0.092	226	-0.15	340.67	-0.132	251	-0.4953
340.75	-0.095	225.9	-0.1518	340.75	-0.136	250.8	-0.4997
340.83	-0.097	225.8	-0.1536	340.83	-0.142	250.6	-0.5033
340.92	-0.1	225.7	-0.1544	340.92	-0.147	250.3	-0.506
341.00	-0.104	225.5	-0.1562	341.00	-0.149	250.1	-0.5113
341.08	-0.107	225.4	-0.1571	341.08	-0.153	249.9	-0.5148
341.17	-0.109	225.3	-0.1598	341.17	-0.157	249.5	-0.5184
341.25	-0.112	225.2	-0.1607	341.25	-0.161	249.3	-0.5219
341.33	-0.115	225.1	-0.1624	341.33	-0.163	249.2	-0.5264
341.42	-0.117	225	-0.1633	341.42	-0.167	248.9	-0.5299
341.50	-0.119	224.9	-0.1642	341.50	-0.17	248.8	-0.5335
341.58	-0.122	224.7	-0.166	341.58	-0.173	248.6	-0.5361
341.68	-0.123	224.6	-0.1669	341.67	-0.177	248.4	-0.5397
341.75	-0.125	224.6	-0.1687	341.75	-0.18	248.1	-0.5432
341.83	-0.129	224.5	-0.1695	341.83	-0.185	247.9	-0.5468
341.92	-0.132	224.3	-0.1704	341.92	-0.187	247.7	-0.5503
342.00	-0.133	224.2	-0.1722	342.00	-0.19	247.5	-0.553
342.08	-0.135	224.1	-0.1731	342.08	-0.192	247.4	-0.5566
342.17	-0.138	224	-0.1749	342.17	-0.195	247.2	-0.5592
342.25	-0.139	223.9	-0.1758	342.25	-0.197	247	-0.5619
342.33	-0.141	223.9	-0.1766	342.35	-0.2	246.8	-0.5637
342.42	-0.142	223.8	-0.1775	342.42	-0.203	246.6	-0.5663
342.50	-0.145	223.7	-0.1784	342.50	-0.204	246.5	-0.5699
342.58	-0.146	223.6	-0.1793	342.58	-0.207	246.4	-0.5725
342.67	-0.148	223.6	-0.1802	342.67	-0.209	246.1	-0.5743
342.75	-0.149	223.5	-0.1802	342.75	-0.211	246	-0.577
342.83	-0.15	223.4	-0.1811	342.83	-0.213	245.9	-0.5796
342.92	-0.151	223.3	-0.182	342.92	-0.215	245.8	-0.5814
343.00	-0.152	223.3	-0.182	343.00	-0.216	245.8	-0.5832
343.10	-0.153	223.2	-0.1837	343.08	-0.218	245.7	-0.585
343.17	-0.155	223.2	-0.1837	343.17	-0.219	245.6	-0.5867
343.25	-0.155	223.2	-0.1846	343.25	-0.222	245.4	-0.5885
343.33	-0.16	223.2	-0.1855	343.33	-0.222	245.4	-0.5903
343.42	-0.157	223.1	-0.1855	343.42	-0.223	245.3	-0.5929
343.50	-0.158	223.1	-0.1864	343.50	-0.223	245.2	-0.5938
343.58	-0.159	223	-0.1873	343.58	-0.224	245.2	-0.5947
343.67	-0.16	223	-0.1873	343.67	-0.226	245.2	-0.5956
343.75	-0.16	223	-0.1882	343.77	-0.229	244.8	-0.5974
343.83	-0.16	222.9	-0.1882	343.83	-0.225	244.7	-0.5983
343.92	-0.161	222.9	-0.1882	343.92	-0.227	244.7	-0.5992
344.00	-0.16	222.9	-0.1891	344.00	-0.227	244.6	-0.6
344.08	-0.161	222.8	-0.1891	344.08	-0.227	244.6	-0.6009
344.17	-0.162	222.8	-0.19	344.17	-0.227	244.5	-0.6009
344.25	-0.162	222.8	-0.19	344.25	-0.227	244.5	-0.6018

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
344.33	-0.161	222.8	-0.19	344.33	-0.226	244.4	-0.6027
344.42	-0.162	222.8	-0.19	344.42	-0.226	244.4	-0.6027
344.50	-0.161	222.8	-0.19	344.50	-0.226	244.2	-0.6027
344.60	-0.16	222.8	-0.19	344.58	-0.226	244.1	-0.6036
344.67	-0.16	222.7	-0.1908	344.67	-0.225	244.1	-0.6036
344.75	-0.16	222.7	-0.1908	344.75	-0.224	244.1	-0.6036
344.83	-0.159	222.7	-0.1908	344.83	-0.223	244.1	-0.6036
344.92	-0.158	222.7	-0.1908	344.92	-0.222	244	-0.6036
345.00	-0.158	222.7	-0.1908	345.00	-0.22	244	-0.6036
345.08	-0.157	222.7	-0.1908	345.08	-0.22	244	-0.6036
345.17	-0.156	222.7	-0.19	345.17	-0.219	244	-0.6036
345.25	-0.154	222.7	-0.19	345.27	-0.217	244	-0.6036
345.33	-0.154	222.7	-0.19	345.33	-0.215	244	-0.6027
345.42	-0.152	222.7	-0.19	345.42	-0.213	244	-0.6027
345.50	-0.151	222.7	-0.19	345.50	-0.212	244	-0.6027
345.58	-0.15	222.7	-0.1891	345.58	-0.21	244	-0.6027
345.67	-0.148	222.7	-0.1891	345.67	-0.208	244	-0.6018
345.75	-0.148	222.7	-0.1891	345.75	-0.205	244	-0.6018
345.83	-0.146	222.7	-0.1891	345.83	-0.204	244	-0.6009
345.92	-0.145	222.7	-0.1891	345.92	-0.201	244	-0.6009
346.02	-0.142	222.7	-0.1882	346.00	-0.2	244	-0.6
346.08	-0.14	222.7	-0.1882	346.08	-0.197	244.1	-0.6
346.17	-0.139	222.7	-0.1873	346.17	-0.194	244.1	-0.5992
346.25	-0.137	222.7	-0.1873	346.25	-0.19	244.1	-0.5992
346.33	-0.133	222.7	-0.1873	346.33	-0.188	244.1	-0.5983
346.42	-0.133	222.7	-0.1864	346.42	-0.185	244.1	-0.5974
346.50	-0.13	222.7	-0.1864	346.50	-0.182	244.2	-0.5965
346.58	-0.128	222.7	-0.1855	346.58	-0.178	244.2	-0.5965
346.67	-0.125	222.7	-0.1855	346.68	-0.177	244.2	-0.5956
346.75	-0.125	222.8	-0.1855	346.75	-0.172	244.3	-0.5947
346.83	-0.122	222.8	-0.1846	346.83	-0.167	244.3	-0.5938
346.92	-0.119	222.8	-0.1837	346.92	-0.165	244.4	-0.5938
347.00	-0.115	222.8	-0.1837	347.00	-0.161	244.4	-0.5921
347.08	-0.114	222.8	-0.1829	347.08	-0.159	244.5	-0.5912
347.17	-0.112	222.8	-0.1829	347.17	-0.153	244.6	-0.5903
347.25	-0.107	222.9	-0.182	347.25	-0.149	244.7	-0.5894
347.33	-0.106	222.9	-0.1811	347.33	-0.147	244.7	-0.5885
347.43	-0.103	222.9	-0.1802	347.42	-0.144	244.8	-0.5876
347.50	-0.097	223	-0.1802	347.50	-0.138	244.9	-0.5858
347.58	-0.099	223	-0.1802	347.58	-0.135	245	-0.585
347.67	-0.094	223	-0.1793	347.67	-0.13	245.1	-0.5841
347.75	-0.09	223.1	-0.1784	347.75	-0.124	245.2	-0.5832
347.83	-0.087	223.1	-0.1784	347.83	-0.121	245.3	-0.5823
347.92	-0.084	223.1	-0.1775	347.92	-0.118	245.3	-0.5805
348.00	-0.081	223.1	-0.1766	348.00	-0.112	245.5	-0.5787
348.08	-0.078	223.2	-0.1758	348.08	-0.109	245.6	-0.5779
348.17	-0.074	223.2	-0.1749	348.18	-0.105	245.7	-0.5761
348.25	-0.072	223.3	-0.174	348.25	-0.099	245.8	-0.5743
348.33	-0.069	223.3	-0.1731	348.33	-0.093	246	-0.5734
348.42	-0.064	223.4	-0.1722	348.42	-0.088	246.1	-0.5716
348.50	-0.06	223.5	-0.1713	348.50	-0.086	246.1	-0.5699
348.58	-0.06	223.5	-0.1704	348.58	-0.081	246.3	-0.5681
348.67	-0.054	223.6	-0.1695	348.67	-0.074	246.5	-0.5663
348.75	-0.05	223.7	-0.1678	348.75	-0.069	246.6	-0.5645
348.83	-0.047	223.7	-0.1669	348.83	-0.066	246.7	-0.5628
348.93	-0.044	223.8	-0.166	348.92	-0.06	246.9	-0.5601
349.00	-0.04	223.9	-0.1651	349.00	-0.055	247	-0.5583
349.08	-0.035	224	-0.1633	349.08	-0.052	247.2	-0.5566
349.17	-0.033	224.1	-0.1624	349.17	-0.045	247.4	-0.5548
349.25	-0.029	224.1	-0.1616	349.25	-0.038	247.6	-0.553

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
349.33	-0.024	224.2	-0.1598	349.33	-0.034	247.8	-0.5503
349.42	-0.022	224.4	-0.1589	349.42	-0.03	247.9	-0.5477
349.50	-0.019	224.5	-0.158	349.50	-0.023	248.1	-0.545
349.58	-0.014	224.6	-0.1562	349.60	-0.019	248.3	-0.5432
349.67	-0.01	224.7	-0.1553	349.67	-0.015	248.4	-0.5406
349.75	-0.008	224.8	-0.1544	349.75	-0.009	248.6	-0.5388
349.83	-0.004	224.9	-0.1527	349.83	-0.001	248.9	-0.537
349.92	0.001	225	-0.1518	349.92	0.002	249	-0.5335
350.00	0.006	225.1	-0.15	350.00	0.007	249.2	-0.5308
350.08	0.009	225.2	-0.1482	350.08	0.012	249.4	-0.529
350.17	0.012	225.3	-0.1473	350.17	0.019	249.7	-0.5255
350.25	0.015	225.4	-0.1465	350.25	0.024	249.8	-0.5237
350.35	0.02	225.6	-0.1438	350.33	0.028	250	-0.5184
350.42	0.023	225.6	-0.1429	350.42	0.034	250.2	-0.5157
350.50	0.027	225.8	-0.1411	350.50	0.036	250.4	-0.5131
350.58	0.031	225.9	-0.1394	350.58	0.042	250.6	-0.5104
350.67	0.033	225.9	-0.1385	350.67	0.049	250.8	-0.5077
350.75	0.038	226.1	-0.1367	350.75	0.056	251.1	-0.5042
350.83	0.042	226.2	-0.1358	350.83	0.058	251.2	-0.5015
350.92	0.047	226.3	-0.134	350.92	0.063	251.4	-0.498
351.00	0.049	226.4	-0.1323	351.00	0.069	251.7	-0.4944
351.08	0.052	226.5	-0.1305	351.08	0.071	251.9	-0.4918
351.17	0.057	226.6	-0.1287	351.17	0.078	252.1	-0.4891
351.25	0.059	226.7	-0.1278	351.25	0.083	252.3	-0.4855
351.33	0.063	226.8	-0.126	351.33	0.091	252.6	-0.482
351.42	0.068	227	-0.1243	351.42	0.093	252.7	-0.4784
351.50	0.072	227.1	-0.1234	351.50	0.099	253	-0.4749
351.58	0.073	227.2	-0.1216	351.58	0.103	253.1	-0.4713
351.67	0.077	227.3	-0.1198	351.67	0.11	253.5	-0.4687
351.75	0.083	227.5	-0.1181	351.75	0.114	253.6	-0.4651
351.85	0.089	227.7	-0.1172	351.83	0.116	253.8	-0.4607
351.92	0.088	227.7	-0.1145	351.92	0.123	254	-0.4571
352.00	0.091	227.9	-0.1136	352.00	0.126	254.2	-0.4536
352.08	0.096	228	-0.1118	352.08	0.13	254.4	-0.4509
352.17	0.097	228.1	-0.111	352.17	0.135	254.6	-0.4474
352.25	0.1	228.2	-0.1092	352.25	0.143	254.9	-0.4438
352.33	0.105	228.3	-0.1074	352.33	0.144	255.1	-0.4412
352.42	0.107	228.4	-0.1065	352.42	0.148	255.3	-0.4358
352.50	0.108	228.5	-0.1047	352.52	0.153	255.5	-0.4323
352.58	0.112	228.7	-0.103	352.58	0.156	255.7	-0.4287
352.67	0.116	228.8	-0.1021	352.67	0.16	255.8	-0.4252
352.75	0.118	228.9	-0.1003	352.75	0.164	256	-0.4216
352.83	0.12	229	-0.0994	352.83	0.17	256.3	-0.4181
352.92	0.123	229.1	-0.0976	352.92	0.171	256.4	-0.4154
353.00	0.128	229.2	-0.0968	353.00	0.175	256.6	-0.4119
353.08	0.129	229.3	-0.095	353.08	0.18	256.8	-0.4092
353.17	0.132	229.4	-0.0941	353.17	0.186	257	-0.4065
353.27	0.135	229.5	-0.0923	353.25	0.188	257.2	-0.4021
353.33	0.138	229.7	-0.0914	353.33	0.189	257.3	-0.3994
353.42	0.139	229.7	-0.0905	353.42	0.192	257.5	-0.3968
353.50	0.142	229.8	-0.0888	353.50	0.196	257.6	-0.3941
353.58	0.143	229.9	-0.0879	353.58	0.197	257.8	-0.3914
353.67	0.145	230	-0.087	353.67	0.203	257.9	-0.3888
353.75	0.146	230.1	-0.0861	353.75	0.207	258.2	-0.3861
353.83	0.148	230.2	-0.0852	353.83	0.207	258.3	-0.3835
353.92	0.15	230.4	-0.0843	353.93	0.211	258.5	-0.3799
354.00	0.151	230.5	-0.0834	354.00	0.215	258.6	-0.3772
354.08	0.153	230.5	-0.0826	354.08	0.216	258.8	-0.3755
354.17	0.156	230.6	-0.0817	354.17	0.219	258.9	-0.3728
354.25	0.156	230.7	-0.0808	354.25	0.22	259	-0.371

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
354.33	0.158	230.8	-0.0799	354.33	0.223	259.2	-0.3684	
354.42	0.16	230.8	-0.079	354.42	0.225	259.4	-0.3666	
354.50	0.164	231	-0.079	354.50	0.226	259.5	-0.3639	
354.58	0.163	231	-0.0772	354.58	0.229	259.6	-0.3622	
354.67	0.165	231.1	-0.0772	354.67	0.231	259.8	-0.3613	
354.77	0.167	231.2	-0.0763	354.75	0.231	259.9	-0.3586	
354.83	0.167	231.3	-0.0754	354.83	0.233	260	-0.3577	
354.92	0.167	231.3	-0.0754	354.92	0.234	260.1	-0.3559	
355.00	0.169	231.4	-0.0746	355.00	0.236	260.2	-0.3551	
355.08	0.169	231.5	-0.0737	355.08	0.237	260.3	-0.3533	
355.17	0.17	231.5	-0.0737	355.17	0.237	260.4	-0.3524	
355.25	0.17	231.6	-0.0728	355.25	0.239	260.6	-0.3515	
355.33	0.171	231.6	-0.0728	355.33	0.239	260.6	-0.3506	
355.42	0.174	231.7	-0.0719	355.43	0.24	260.7	-0.3497	
355.50	0.172	231.7	-0.0719	355.50	0.24	260.8	-0.3488	
355.58	0.172	231.8	-0.0719	355.58	0.241	260.9	-0.348	
355.67	0.173	231.9	-0.071	355.67	0.241	261	-0.3471	
355.75	0.173	231.9	-0.071	355.75	0.241	261.1	-0.3462	
355.83	0.174	231.9	-0.071	355.83	0.241	261.1	-0.3462	
355.92	0.173	232	-0.0701	355.92	0.241	261.2	-0.3453	
356.00	0.173	232	-0.0701	356.00	0.241	261.3	-0.3453	
356.08	0.173	232.1	-0.0701	356.08	0.241	261.3	-0.3444	
356.18	0.173	232.1	-0.0701	356.17	0.24	261.4	-0.3444	
356.25	0.172	232.1	-0.0701	356.25	0.239	261.5	-0.3444	
356.33	0.172	232.2	-0.0701	356.33	0.238	261.5	-0.3444	
356.42	0.172	232.2	-0.0701	356.42	0.238	261.6	-0.3444	
356.50	0.171	232.3	-0.0701	356.50	0.237	261.6	-0.3444	
356.58	0.171	232.3	-0.0701	356.58	0.236	261.6	-0.3444	
356.67	0.17	232.3	-0.0701	356.67	0.235	261.7	-0.3444	
356.75	0.17	232.3	-0.0701	356.75	0.234	261.7	-0.3444	
356.83	0.162	232.4	-0.071	356.85	0.232	261.8	-0.3444	
356.92	0.167	232.4	-0.0701	356.92	0.23	261.8	-0.3444	
357.00	0.166	232.4	-0.0701	357.00	0.229	261.8	-0.3444	
357.08	0.164	232.4	-0.0701	357.08	0.227	261.9	-0.3453	
357.17	0.163	232.4	-0.0701	357.17	0.225	261.9	-0.3453	
357.25	0.162	232.4	-0.071	357.25	0.224	261.9	-0.3453	
357.33	0.161	232.4	-0.071	357.33	0.222	261.9	-0.3453	
357.42	0.159	232.4	-0.071	357.42	0.22	261.9	-0.3462	
357.50	0.157	232.4	-0.071	357.50	0.218	261.9	-0.3462	
357.60	0.155	232.4	-0.0719	357.58	0.215	261.9	-0.3462	
357.67	0.154	232.4	-0.0719	357.67	0.212	261.9	-0.3471	
357.75	0.151	232.4	-0.0719	357.75	0.209	261.9	-0.3471	
357.83	0.15	232.4	-0.0728	357.83	0.207	261.9	-0.348	
357.92	0.147	232.4	-0.0728	357.92	0.204	261.9	-0.348	
358.00	0.146	232.4	-0.0728	358.00	0.202	261.9	-0.3488	
358.08	0.144	232.4	-0.0737	358.08	0.199	261.8	-0.3488	
358.17	0.142	232.4	-0.0737	358.17	0.193	261.8	-0.3497	
358.25	0.14	232.4	-0.0737	358.25	0.188	261.8	-0.3506	
358.33	0.136	232.4	-0.0746	358.35	0.186	261.8	-0.3515	
358.42	0.135	232.3	-0.0746	358.42	0.182	261.7	-0.3515	
358.50	0.133	232.3	-0.0754	358.50	0.181	261.7	-0.3524	
358.58	0.131	232.3	-0.0754	358.58	0.178	261.7	-0.3524	
358.67	0.127	232.3	-0.0763	358.67	0.174	261.6	-0.3533	
358.75	0.126	232.2	-0.0763	358.75	0.171	261.6	-0.3542	
358.83	0.123	232.2	-0.0772	358.83	0.165	261.5	-0.3551	
358.92	0.119	232.2	-0.0781	358.92	0.163	261.5	-0.3559	
359.00	0.115	232.1	-0.0781	359.00	0.159	261.4	-0.3568	
359.10	0.112	232.1	-0.079	359.08	0.153	261.4	-0.3577	
359.17	0.11	232.1	-0.0799	359.17	0.149	261.3	-0.3577	
359.25	0.108	232.1	-0.0799	359.25	0.146	261.2	-0.3595	

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
359.33	0.104	232	-0.0799	359.33	0.142	261.1	-0.3604
359.42	0.102	231.9	-0.0817	359.42	0.136	261.1	-0.3613
359.50	0.099	231.9	-0.0817	359.50	0.134	261	-0.3622
359.58	0.096	231.8	-0.0826	359.58	0.13	260.9	-0.363
359.67	0.093	231.8	-0.0834	359.67	0.123	260.8	-0.3648
359.75	0.09	231.8	-0.0843	359.77	0.117	260.7	-0.3657
359.83	0.085	231.7	-0.0852	359.83	0.115	260.6	-0.3675
359.92	0.082	231.7	-0.0852	359.92	0.11	260.5	-0.3684
360.00	0.079	231.6	-0.087	360.00	0.106	260.4	-0.3693
360.08	0.076	231.5	-0.087	360.08	0.101	260.3	-0.371
360.17	0.072	231.5	-0.0879	360.17	0.096	260.2	-0.3728
360.25	0.069	231.4	-0.0888	360.25	0.09	260.1	-0.3737
360.33	0.066	231.4	-0.0897	360.33	0.086	260	-0.3755
360.42	0.061	231.3	-0.0905	360.42	0.082	259.9	-0.3772
360.52	0.057	231.2	-0.0923	360.50	0.077	259.8	-0.3781
360.58	0.054	231.1	-0.0932	360.58	0.071	259.6	-0.3799
360.67	0.052	231.1	-0.0941	360.67	0.064	259.5	-0.3817
360.75	0.046	231	-0.095	360.75	0.061	259.3	-0.3843
360.83	0.044	230.9	-0.0959	360.83	0.056	259.2	-0.3861
360.92	0.041	230.8	-0.0976	360.92	0.051	259.1	-0.3879
361.00	0.036	230.7	-0.0985	361.00	0.047	258.9	-0.3897
361.08	0.034	230.7	-0.0994	361.08	0.042	258.8	-0.3914
361.17	0.03	230.6	-0.1003	361.17	0.035	258.7	-0.3932
361.25	0.025	230.5	-0.1012	361.25	0.028	258.4	-0.395
361.33	0.021	230.4	-0.103	361.33	0.024	258.3	-0.3986
361.42	0.017	230.3	-0.1039	361.42	0.02	258.2	-0.4003
361.50	0.015	230.2	-0.1056	361.50	0.014	258	-0.403
361.58	0.01	230.1	-0.1065	361.58	0.008	257.7	-0.4048
361.67	0.007	230	-0.1083	361.67	0.004	257.6	-0.4074
361.75	0.004	229.9	-0.1092	361.75	0	257.4	-0.4092
361.83	0.001	229.8	-0.111	361.83	-0.007	257.3	-0.4119
361.92	-0.005	229.7	-0.1118	361.92	-0.011	257.1	-0.4145
362.02	-0.007	229.6	-0.1136	362.00	-0.016	256.9	-0.4163
362.08	-0.011	229.5	-0.1154	362.08	-0.022	256.7	-0.419
362.17	-0.015	229.4	-0.1163	362.17	-0.03	256.5	-0.4216
362.25	-0.02	229.3	-0.1181	362.25	-0.032	256.3	-0.4261
362.33	-0.025	229.1	-0.1189	362.33	-0.037	256.1	-0.4287
362.42	-0.027	229	-0.1216	362.42	-0.044	255.9	-0.4314
362.50	-0.032	228.9	-0.1234	362.50	-0.046	255.7	-0.4341
362.58	-0.034	228.8	-0.1243	362.58	-0.052	255.5	-0.4376
362.67	-0.036	228.7	-0.126	362.68	-0.059	255.4	-0.4403
362.75	-0.041	228.6	-0.1269	362.75	-0.065	255.1	-0.4429
362.83	-0.046	228.5	-0.1287	362.83	-0.068	254.9	-0.4483
362.92	-0.049	228.3	-0.1296	362.92	-0.073	254.7	-0.4509
363.00	-0.051	228.2	-0.1323	363.00	-0.079	254.5	-0.4536
363.08	-0.055	228.1	-0.134	363.08	-0.084	254.2	-0.4571
363.17	-0.06	227.9	-0.1358	363.17	-0.086	254	-0.4616
363.25	-0.062	227.8	-0.1367	363.25	-0.094	253.7	-0.4651
363.33	-0.065	227.7	-0.1385	363.33	-0.095	253.5	-0.4678
363.43	-0.07	227.6	-0.1402	363.42	-0.1	253.3	-0.4713
363.50	-0.073	227.5	-0.142	363.50	-0.105	253.1	-0.4749
363.58	-0.074	227.3	-0.1429	363.58	-0.112	252.8	-0.4793
363.67	-0.078	227.2	-0.1447	363.67	-0.116	252.5	-0.4829
363.75	-0.085	227.1	-0.1456	363.75	-0.12	252.3	-0.4873
363.83	-0.086	226.9	-0.1473	363.83	-0.123	252.1	-0.4909
363.92	-0.089	226.8	-0.15	363.92	-0.13	251.9	-0.4953
364.00	-0.092	226.7	-0.1509	364.00	-0.132	251.7	-0.498
364.08	-0.094	226.6	-0.1527	364.10	-0.136	251.5	-0.5015
364.17	-0.097	226.5	-0.1536	364.17	-0.142	251.3	-0.5051
364.25	-0.1	226.4	-0.1553	364.25	-0.146	251	-0.5086

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
364.33	-0.107	226.3	-0.1571	364.33	-0.15	250.8	-0.5139
364.42	-0.106	226.1	-0.1589	364.42	-0.152	250.6	-0.5175
364.50	-0.109	226	-0.1598	364.50	-0.157	250.4	-0.5202
364.58	-0.112	225.9	-0.1616	364.58	-0.161	250.1	-0.5237
364.67	-0.114	225.8	-0.1624	364.67	-0.164	249.9	-0.529
364.75	-0.116	225.7	-0.1642	364.75	-0.167	249.7	-0.5326
364.83	-0.119	225.6	-0.1651	364.83	-0.172	249.5	-0.5361
364.93	-0.122	225.4	-0.1669	364.92	-0.173	249.3	-0.5388
365.00	-0.123	225.4	-0.1678	365.00	-0.185	249	-0.545
365.08	-0.126	225.3	-0.1695	365.08	-0.18	248.9	-0.5459
365.17	-0.129	225.2	-0.1704	365.17	-0.186	248.7	-0.5486
365.25	-0.133	225.1	-0.1713	365.25	-0.186	248.5	-0.5521
365.33	-0.134	224.9	-0.1722	365.33	-0.189	248.4	-0.5557
365.42	-0.136	224.8	-0.1749	365.42	-0.193	248.2	-0.5583
365.50	-0.138	224.8	-0.1749	365.50	-0.194	248	-0.561
365.58	-0.139	224.7	-0.1758	365.60	-0.197	247.9	-0.5637
365.67	-0.14	224.6	-0.1775	365.67	-0.201	247.8	-0.5663
365.75	-0.142	224.5	-0.1784	365.75	-0.202	247.6	-0.5681
365.83	-0.145	224.4	-0.1793	365.83	-0.205	247.5	-0.5725
365.92	-0.147	224.3	-0.1793	365.92	-0.207	247.4	-0.5743
366.00	-0.147	224.3	-0.1802	366.00	-0.209	247.3	-0.577
366.08	-0.149	224.2	-0.1811	366.08	-0.211	247.2	-0.5787
366.17	-0.151	224.1	-0.182	366.17	-0.213	247.2	-0.5814
366.25	-0.151	224	-0.1829	366.25	-0.215	246.9	-0.5841
366.35	-0.153	223.9	-0.1837	366.33	-0.216	246.7	-0.5858
366.42	-0.154	223.9	-0.1837	366.42	-0.217	246.6	-0.5867
366.50	-0.155	223.9	-0.1846	366.50	-0.219	246.6	-0.5894
366.58	-0.156	223.8	-0.1855	366.58	-0.221	246.5	-0.5903
366.67	-0.157	223.8	-0.1864	366.67	-0.221	246.4	-0.5921
366.75	-0.159	223.8	-0.1864	366.75	-0.223	246.1	-0.5938
366.83	-0.158	223.7	-0.1873	366.83	-0.223	246	-0.5956
366.92	-0.159	223.7	-0.1882	366.92	-0.225	246	-0.5965
367.00	-0.16	223.7	-0.1882	367.02	-0.225	245.9	-0.5974
367.08	-0.16	223.6	-0.1882	367.08	-0.226	245.8	-0.5983
367.17	-0.16	223.6	-0.1891	367.17	-0.226	245.8	-0.5992
367.25	-0.161	223.5	-0.1891	367.25	-0.227	245	-0.6
367.33	-0.161	223.5	-0.19	367.33	-0.227	244.9	-0.6009
367.42	-0.161	223.5	-0.19	367.42	-0.227	244.8	-0.6018
367.50	-0.162	223.5	-0.19	367.50	-0.227	244.7	-0.6027
367.58	-0.161	223.5	-0.19	367.58	-0.227	244.6	-0.6027
367.67	-0.161	223.4	-0.1908	367.67	-0.227	244.5	-0.6036
367.77	-0.161	223.4	-0.1908	367.75	-0.227	244.4	-0.6045
367.83	-0.161	223.4	-0.1908	367.83	-0.226	244.4	-0.6045
367.92	-0.16	223.4	-0.1908	367.92	-0.226	244.3	-0.6045
368.00	-0.161	223.4	-0.1908	368.00	-0.225	244.3	-0.6045
368.08	-0.159	223.4	-0.1908	368.08	-0.224	244.3	-0.6045
368.17	-0.159	223.4	-0.1908	368.17	-0.223	244.2	-0.6054
368.25	-0.158	223.4	-0.1908	368.25	-0.222	244.2	-0.6054
368.33	-0.157	223.4	-0.1908	368.33	-0.222	244.1	-0.6054
368.42	-0.157	223.4	-0.1908	368.42	-0.22	244.1	-0.6045
368.50	-0.156	223.3	-0.1908	368.52	-0.219	244.1	-0.6045
368.58	-0.155	223.3	-0.1908	368.58	-0.217	244.1	-0.6045
368.67	-0.154	223.3	-0.1908	368.67	-0.215	244.1	-0.6045
368.75	-0.153	223.3	-0.1908	368.75	-0.213	244.1	-0.6045
368.83	-0.151	223.3	-0.1908	368.83	-0.212	244.1	-0.6036
368.92	-0.15	223.3	-0.19	368.92	-0.211	244.1	-0.6036
369.00	-0.149	223.3	-0.19	369.00	-0.207	244.1	-0.6036
369.08	-0.147	223.3	-0.19	369.08	-0.205	244.1	-0.6036
369.17	-0.145	223.3	-0.1891	369.17	-0.204	244.1	-0.6027
369.27	-0.144	223.3	-0.1891	369.25	-0.202	244.1	-0.6018

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
369.33	-0.142	223.3	-0.1891	369.33	-0.197	244.2	-0.6018
369.42	-0.14	223.3	-0.1882	369.42	-0.197	244.2	-0.6009
369.50	-0.139	223.4	-0.1882	369.50	-0.195	244.2	-0.6009
369.58	-0.138	223.4	-0.1882	369.58	-0.19	244.3	-0.6
369.67	-0.138	223.4	-0.1882	369.67	-0.187	244.3	-0.5992
369.75	-0.131	223.4	-0.1873	369.75	-0.186	244.4	-0.5992
369.83	-0.13	223.4	-0.1873	369.83	-0.182	244.4	-0.5983
369.92	-0.128	223.4	-0.1864	369.93	-0.178	244.5	-0.5974
370.00	-0.126	223.4	-0.1855	370.00	-0.176	244.5	-0.5965
370.08	-0.124	223.4	-0.1855	370.08	-0.174	244.6	-0.5965
370.17	-0.122	223.4	-0.1846	370.17	-0.168	244.7	-0.5956
370.25	-0.119	223.4	-0.1846	370.25	-0.165	244.8	-0.5947
370.33	-0.115	223.5	-0.1837	370.33	-0.162	244.8	-0.5938
370.42	-0.111	223.5	-0.1837	370.42	-0.16	244.9	-0.5929
370.50	-0.11	223.5	-0.1829	370.50	-0.155	245	-0.5921
370.58	-0.109	223.5	-0.182	370.58	-0.15	245.1	-0.5912
370.67	-0.104	223.5	-0.1811	370.67	-0.147	245.2	-0.5894
370.75	-0.102	223.6	-0.1811	370.75	-0.142	245.3	-0.5885
370.83	-0.1	223.6	-0.1802	370.83	-0.139	245.3	-0.5876
370.92	-0.096	223.6	-0.1802	370.92	-0.136	245.4	-0.5867
371.00	-0.094	223.7	-0.1802	371.00	-0.131	245.5	-0.5858
371.08	-0.091	223.7	-0.1793	371.08	-0.126	245.6	-0.5841
371.17	-0.088	223.8	-0.1784	371.17	-0.12	245.7	-0.5832
371.25	-0.082	223.8	-0.1775	371.25	-0.117	245.8	-0.5814
371.33	-0.082	223.8	-0.1775	371.33	-0.113	245.9	-0.5805
371.42	-0.079	223.9	-0.1758	371.42	-0.107	246	-0.5787
371.50	-0.074	223.9	-0.1749	371.50	-0.104	246.1	-0.5777
371.58	-0.072	223.9	-0.174	371.58	-0.1	246.2	-0.5761
371.67	-0.069	224	-0.174	371.67	-0.094	246.4	-0.5743
371.75	-0.066	224	-0.1731	371.75	-0.09	246.5	-0.5725
371.83	-0.06	224.1	-0.1713	371.83	-0.086	246.7	-0.5708
371.92	-0.057	224.2	-0.1704	371.92	-0.082	246.8	-0.5699
372.00	-0.055	224.3	-0.1695	372.00	-0.074	247	-0.5681
372.08	-0.049	224.3	-0.1687	372.08	-0.067	247.2	-0.5663
372.18	-0.045	224.5	-0.1678	372.17	-0.065	247.3	-0.5637
372.25	-0.044	224.5	-0.1669	372.25	-0.06	247.5	-0.5619
372.33	-0.04	224.6	-0.1651	372.33	-0.053	247.6	-0.5592
372.42	-0.036	224.7	-0.1642	372.42	-0.051	247.8	-0.5583
372.50	-0.033	224.8	-0.1633	372.50	-0.048	248	-0.5566
372.58	-0.03	224.9	-0.1624	372.58	-0.038	248.2	-0.5539
372.67	-0.025	225	-0.1616	372.67	-0.032	248.4	-0.5521
372.75	-0.02	225.1	-0.1598	372.75	-0.031	248.5	-0.5486
372.83	-0.018	225.2	-0.1589	372.85	-0.025	248.7	-0.5468
372.92	-0.014	225.3	-0.1571	372.92	-0.017	248.9	-0.5441
373.00	-0.011	225.4	-0.1562	373.00	-0.015	249	-0.5423
373.08	-0.006	225.4	-0.1544	373.08	-0.009	249.2	-0.5397
373.17	-0.004	225.5	-0.1536	373.17	-0.002	249.4	-0.5361
373.25	0.004	225.7	-0.1518	373.25	0.002	249.6	-0.5344
373.33	0.005	225.8	-0.1509	373.33	0.005	249.8	-0.5326
373.42	0.009	225.9	-0.15	373.42	0.011	250	-0.5299
373.50	0.011	226	-0.1482	373.50	0.018	250.2	-0.5273
373.60	0.016	226.1	-0.1465	373.58	0.024	250.5	-0.5246
373.67	0.021	226.2	-0.1456	373.67	0.027	250.7	-0.5202
373.75	0.024	226.3	-0.1438	373.75	0.033	250.8	-0.5175
373.83	0.027	226.4	-0.142	373.83	0.041	251.1	-0.5139
373.92	0.031	226.5	-0.1402	373.92	0.042	251.2	-0.5113
374.00	0.034	226.6	-0.1394	374.00	0.048	251.4	-0.5086
374.08	0.038	226.7	-0.1376	374.08	0.054	251.6	-0.506
374.17	0.042	226.8	-0.1358	374.17	0.061	251.9	-0.5033
374.25	0.047	227	-0.1349	374.27	0.064	252.1	-0.498

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
374.33	0.05	227.1	-0.1331	374.33	0.07	252.3	-0.4953
374.42	0.052	227.2	-0.1314	374.42	0.076	252.5	-0.4918
374.50	0.056	227.3	-0.1296	374.50	0.078	252.7	-0.4891
374.58	0.06	227.4	-0.1278	374.58	0.083	252.9	-0.4864
374.67	0.061	227.5	-0.1269	374.67	0.089	253.2	-0.482
374.75	0.067	227.7	-0.1252	374.75	0.094	253.4	-0.4784
374.83	0.07	227.8	-0.1243	374.83	0.099	253.6	-0.4758
374.92	0.072	228	-0.1234	374.92	0.103	253.8	-0.4722
375.00	0.078	228.1	-0.1207	375.00	0.11	254	-0.4687
375.10	0.079	228.2	-0.1198	375.08	0.116	254.3	-0.466
375.17	0.085	228.4	-0.1181	375.17	0.118	254.5	-0.4607
375.25	0.088	228.5	-0.1163	375.25	0.123	254.7	-0.4571
375.33	0.09	228.6	-0.1145	375.33	0.13	254.9	-0.4536
375.42	0.093	228.7	-0.1127	375.42	0.131	255.1	-0.45
375.50	0.097	228.8	-0.111	375.50	0.136	255.3	-0.4474
375.58	0.1	228.9	-0.1101	375.58	0.142	255.5	-0.4438
375.67	0.104	229	-0.1083	375.67	0.147	255.7	-0.4403
375.75	0.106	229.2	-0.1074	375.77	0.149	255.9	-0.4358
375.83	0.11	229.3	-0.1056	375.83	0.154	256.1	-0.4323
375.92	0.112	229.4	-0.1039	375.92	0.159	256.3	-0.4287
376.00	0.115	229.5	-0.103	376.00	0.161	256.5	-0.4261
376.08	0.117	229.6	-0.1012	376.08	0.166	256.7	-0.4216
376.17	0.12	229.7	-0.1003	376.17	0.17	256.9	-0.419
376.25	0.123	229.8	-0.0985	376.25	0.174	257.1	-0.4154
376.33	0.126	229.9	-0.0976	376.33	0.176	257.3	-0.4128
376.42	0.128	230	-0.0968	376.42	0.18	257.4	-0.4092
376.52	0.131	230.1	-0.095	376.50	0.184	257.6	-0.4074
376.58	0.133	230.2	-0.0941	376.58	0.188	257.8	-0.4039
376.67	0.136	230.4	-0.0923	376.67	0.19	258	-0.4003
376.75	0.139	230.5	-0.0914	376.75	0.195	258.2	-0.3968
376.83	0.142	230.6	-0.0897	376.83	0.197	258.3	-0.3941
376.92	0.143	230.6	-0.0888	376.92	0.199	258.5	-0.3914
377.00	0.144	230.7	-0.0879	377.00	0.202	258.7	-0.3888
377.08	0.147	230.8	-0.087	377.08	0.206	258.8	-0.3861
377.17	0.149	230.9	-0.0861	377.18	0.209	259	-0.3843
377.25	0.152	231	-0.0852	377.25	0.21	259.2	-0.3808
377.33	0.154	231.1	-0.0843	377.33	0.213	259.3	-0.3781
377.42	0.156	231.2	-0.0826	377.42	0.217	259.5	-0.3764
377.50	0.156	231.3	-0.0817	377.50	0.219	259.7	-0.3737
377.58	0.158	231.3	-0.0808	377.58	0.221	259.8	-0.371
377.67	0.16	231.4	-0.0808	377.67	0.223	259.9	-0.3693
377.75	0.162	231.5	-0.0799	377.75	0.224	260	-0.3675
377.83	0.164	231.6	-0.079	377.83	0.226	260.2	-0.3657
377.92	0.164	231.7	-0.0781	377.92	0.228	260.3	-0.3639
378.00	0.165	231.7	-0.0772	378.00	0.23	260.4	-0.3622
378.08	0.166	231.8	-0.0772	378.08	0.232	260.6	-0.3613
378.17	0.168	231.9	-0.0763	378.17	0.233	260.7	-0.3586
378.25	0.169	231.9	-0.0754	378.25	0.234	260.8	-0.3577
378.33	0.17	232	-0.0746	378.33	0.237	260.9	-0.3559
378.42	0.17	232	-0.0746	378.42	0.235	261	-0.3551
378.50	0.172	232.1	-0.0737	378.50	0.237	261.1	-0.3542
378.58	0.171	232.2	-0.0737	378.58	0.239	261.2	-0.3533
378.67	0.173	232.2	-0.0728	378.68	0.239	261.3	-0.3515
378.75	0.173	232.3	-0.0728	378.75	0.24	261.4	-0.3506
378.83	0.174	232.3	-0.0719	378.83	0.241	261.5	-0.3497
378.92	0.173	232.4	-0.0719	378.92	0.24	261.6	-0.3497
379.00	0.174	232.5	-0.0719	379.00	0.241	261.7	-0.3488
379.08	0.175	232.5	-0.0719	379.08	0.24	261.8	-0.348
379.17	0.175	232.5	-0.071	379.17	0.241	261.9	-0.3471
379.25	0.175	232.6	-0.071	379.25	0.241	261.9	-0.3471

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
379.33	0.175	232.6	-0.071	379.33	0.241	262	-0.3462
379.43	0.175	232.7	-0.0701	379.42	0.24	262.1	-0.3462
379.50	0.174	232.7	-0.0701	379.50	0.24	262.1	-0.3462
379.58	0.175	232.8	-0.0701	379.58	0.239	262.3	-0.3462
379.67	0.173	232.8	-0.0701	379.67	0.238	262.3	-0.3453
379.75	0.173	232.8	-0.0701	379.75	0.235	262.3	-0.3462
379.83	0.172	232.9	-0.0701	379.83	0.235	262.4	-0.3462
379.92	0.172	232.9	-0.0701	379.92	0.233	262.5	-0.3462
380.00	0.17	232.9	-0.0701	380.00	0.232	262.5	-0.3462
380.08	0.17	232.9	-0.0701	380.10	0.231	262.6	-0.3462
380.17	0.169	233	-0.0701	380.17	0.23	262.6	-0.3462
380.25	0.168	233	-0.071	380.25	0.228	262.6	-0.3462
380.33	0.166	233	-0.071	380.33	0.227	262.6	-0.3462
380.42	0.165	233	-0.071	380.42	0.225	262.7	-0.3462
380.50	0.164	233	-0.071	380.50	0.224	262.7	-0.3462
380.58	0.163	233	-0.071	380.58	0.222	262.7	-0.3471
380.67	0.161	233	-0.071	380.67	0.22	262.7	-0.3471
380.75	0.16	233	-0.0719	380.75	0.218	262.7	-0.3471
380.83	0.157	233	-0.0719	380.83	0.215	262.7	-0.348
380.92	0.157	233	-0.0719	380.92	0.213	262.7	-0.348
381.00	0.152	233.1	-0.0728	381.00	0.209	262.7	-0.3488
381.08	0.15	233.1	-0.0728	381.08	0.208	262.7	-0.3488
381.17	0.149	233.1	-0.0728	381.17	0.205	262.7	-0.3497
381.25	0.148	233.1	-0.0728	381.25	0.202	262.7	-0.3497
381.33	0.145	233.1	-0.0737	381.33	0.2	262.7	-0.3506
381.42	0.144	233.1	-0.0737	381.42	0.197	262.7	-0.3506
381.50	0.144	233	-0.0746	381.50	0.194	262.6	-0.3515
381.58	0.14	233	-0.0746	381.58	0.19	262.6	-0.3524
381.67	0.137	233	-0.0754	381.67	0.186	262.6	-0.3524
381.75	0.137	233	-0.0754	381.75	0.183	262.5	-0.3533
381.83	0.132	232.9	-0.0763	381.83	0.18	262.5	-0.3542
381.92	0.131	232.9	-0.0763	381.92	0.175	262.5	-0.3542
382.00	0.127	232.9	-0.0772	382.00	0.173	262.4	-0.3551
382.08	0.127	232.9	-0.0772	382.08	0.17	262.4	-0.3559
382.17	0.122	232.8	-0.0781	382.17	0.167	262.3	-0.3559
382.25	0.119	232.8	-0.0781	382.25	0.161	262.2	-0.3577
382.35	0.117	232.7	-0.079	382.33	0.159	262.2	-0.3577
382.42	0.113	232.7	-0.0799	382.42	0.155	262.1	-0.3586
382.50	0.111	232.7	-0.0799	382.50	0.149	262	-0.3595
382.58	0.107	232.6	-0.0808	382.58	0.145	261.9	-0.3604
382.67	0.104	232.6	-0.0817	382.67	0.14	261.9	-0.3622
382.75	0.1	232.5	-0.0826	382.75	0.136	261.8	-0.363
382.83	0.099	232.5	-0.0826	382.83	0.133	261.7	-0.3639
382.92	0.094	232.4	-0.0834	382.92	0.132	261.6	-0.3648
383.00	0.094	232.4	-0.0843	383.02	0.125	261.5	-0.3657
383.08	0.089	232.4	-0.0843	383.08	0.119	261.4	-0.3675
383.17	0.086	232.3	-0.0852	383.17	0.113	261.3	-0.3684
383.25	0.08	232.2	-0.0861	383.25	0.11	261.2	-0.3701
383.33	0.079	232.2	-0.087	383.33	0.106	261.1	-0.371
383.42	0.073	232.1	-0.0879	383.42	0.1	261	-0.3728
383.50	0.071	232.1	-0.0888	383.50	0.094	260.9	-0.3737
383.58	0.069	232	-0.0897	383.58	0.091	260.8	-0.3755
383.67	0.067	231.9	-0.0905	383.67	0.085	260.7	-0.3772
383.77	0.062	231.8	-0.0914	383.75	0.08	260.5	-0.379
383.83	0.059	231.8	-0.0923	383.83	0.077	260.4	-0.3799
383.92	0.055	231.7	-0.0932	383.92	0.074	260.3	-0.3808
384.00	0.052	231.7	-0.0941	384.00	0.065	260.2	-0.3835
384.08	0.045	231.6	-0.095	384.08	0.063	260	-0.3843
384.17	0.044	231.5	-0.0959	384.17	0.058	259.9	-0.387
384.25	0.04	231.4	-0.0976	384.25	0.051	259.8	-0.3888

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
384.33	0.038	231.4	-0.0985	384.33	0.045	259.6	-0.3914	
384.42	0.03	231.2	-0.1003	384.43	0.044	259.5	-0.3932	
384.50	0.03	231.2	-0.1012	384.50	0.038	259.3	-0.3941	
384.58	0.027	231.1	-0.1021	384.58	0.028	259.2	-0.3968	
384.67	0.024	231	-0.1039	384.67	0.026	259	-0.3994	
384.75	0.016	230.9	-0.1056	384.75	0.021	258.8	-0.4021	
384.83	0.011	230.8	-0.1074	384.83	0.014	258.7	-0.4039	
384.92	0.011	230.7	-0.1074	384.92	0.007	258.4	-0.4057	
385.00	0.004	230.6	-0.1092	385.00	0.001	258.3	-0.4074	
385.08	0.003	230.5	-0.1101	385.08	-0.001	258.1	-0.411	
385.17	0	230.4	-0.1118	385.17	-0.009	257.9	-0.4136	
385.27	-0.004	230.3	-0.1127	385.25	-0.011	257.7	-0.4154	
385.33	-0.008	230.2	-0.1145	385.33	-0.012	257.6	-0.4172	
385.42	-0.012	230.1	-0.1163	385.42	-0.021	257.4	-0.4207	
385.50	-0.015	230	-0.1172	385.50	-0.029	257.1	-0.4234	
385.58	-0.02	229.9	-0.1189	385.58	-0.032	257	-0.4261	
385.67	-0.026	229.7	-0.1198	385.67	-0.037	256.8	-0.4305	
385.75	-0.025	229.6	-0.1216	385.75	-0.043	256.6	-0.4341	
385.83	-0.03	229.5	-0.1234	385.83	-0.051	256.4	-0.4367	
385.92	-0.035	229.4	-0.1252	385.93	-0.051	256.2	-0.4394	
386.00	-0.036	229.3	-0.126	386.00	-0.06	256	-0.4429	
386.08	-0.041	229.2	-0.1278	386.08	-0.064	255.7	-0.4438	
386.17	-0.045	229.1	-0.1305	386.17	-0.069	255.5	-0.4483	
386.25	-0.049	228.9	-0.1314	386.25	-0.071	255.3	-0.4527	
386.33	-0.052	228.8	-0.1331	386.33	-0.076	255.1	-0.4545	
386.42	-0.056	228.7	-0.1349	386.42	-0.083	254.8	-0.4589	
386.50	-0.059	228.5	-0.1358	386.50	-0.09	254.6	-0.4616	
386.58	-0.061	228.4	-0.1376	386.58	-0.09	254.4	-0.4669	
386.68	-0.066	228.3	-0.1394	386.67	-0.095	254.2	-0.4696	
386.75	-0.068	228.2	-0.1411	386.75	-0.104	253.9	-0.4749	
386.83	-0.073	228	-0.1429	386.83	-0.109	253.7	-0.4784	
386.92	-0.075	227.9	-0.1438	386.92	-0.109	253.5	-0.4811	
387.00	-0.078	227.8	-0.1456	387.00	-0.116	253.2	-0.4847	
387.08	-0.084	227.7	-0.1473	387.08	-0.12	252.9	-0.4873	
387.17	-0.087	227.5	-0.1482	387.17	-0.123	252.7	-0.4926	
387.25	-0.089	227.4	-0.1509	387.25	-0.128	252.5	-0.4962	
387.33	-0.093	227.3	-0.1518	387.35	-0.133	252.3	-0.4997	
387.42	-0.095	227.2	-0.1536	387.42	-0.134	252.1	-0.5033	
387.50	-0.095	227.1	-0.1544	387.50	-0.14	251.9	-0.5068	
387.58	-0.099	227	-0.1562	387.58	-0.146	251.5	-0.5104	
387.67	-0.106	226.9	-0.158	387.67	-0.149	251.3	-0.5148	
387.75	-0.107	226.7	-0.1589	387.75	-0.15	251.2	-0.5175	
387.83	-0.11	226.6	-0.1607	387.83	-0.156	250.9	-0.5228	
387.92	-0.111	226.5	-0.1624	387.92	-0.162	250.6	-0.5264	
388.00	-0.115	226.4	-0.1633	388.00	-0.164	250.4	-0.529	
388.08	-0.117	226.3	-0.1642	388.08	-0.168	250.2	-0.5344	
388.17	-0.119	226.2	-0.166	388.17	-0.17	250.1	-0.537	
388.25	-0.124	226	-0.1678	388.25	-0.175	249.8	-0.5406	
388.33	-0.124	226	-0.1687	388.33	-0.177	249.7	-0.5441	
388.42	-0.125	225.9	-0.1695	388.42	-0.181	249.4	-0.5468	
388.50	-0.128	225.8	-0.1704	388.50	-0.184	249.2	-0.5503	
388.58	-0.132	225.7	-0.1722	388.58	-0.188	249	-0.553	
388.67	-0.134	225.6	-0.1731	388.67	-0.19	248.8	-0.5574	
388.75	-0.135	225.5	-0.1749	388.75	-0.193	248.6	-0.5601	
388.83	-0.138	225.4	-0.1758	388.85	-0.196	248.5	-0.5628	
388.92	-0.138	225.3	-0.1766	388.92	-0.196	248.3	-0.5654	
389.00	-0.14	225.2	-0.1775	389.00	-0.2	248.2	-0.5681	
389.08	-0.142	225.2	-0.1784	389.08	-0.203	247.9	-0.5708	
389.17	-0.146	225.1	-0.1793	389.17	-0.204	247.8	-0.5734	
389.25	-0.146	225	-0.1802	389.25	-0.207	247.7	-0.5761	

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
389.33	-0.147	224.9	-0.1802	389.33	-0.209	247.6	-0.5779
389.42	-0.149	224.8	-0.1811	389.42	-0.212	247.4	-0.5796
389.50	-0.151	224.8	-0.182	389.50	-0.213	247.3	-0.5823
389.60	-0.154	224.7	-0.1829	389.58	-0.215	247.2	-0.585
389.67	-0.153	224.6	-0.1837	389.67	-0.216	247.1	-0.5867
389.75	-0.155	224.6	-0.1846	389.75	-0.218	247	-0.5885
389.83	-0.156	224.5	-0.1855	389.83	-0.219	247	-0.5903
389.92	-0.156	224.5	-0.1855	389.92	-0.221	246.9	-0.5921
390.00	-0.157	224.4	-0.1864	390.00	-0.223	246.8	-0.5929
390.08	-0.158	224.4	-0.1864	390.08	-0.222	246.6	-0.5947
390.17	-0.159	224.3	-0.1873	390.17	-0.224	246.4	-0.5965
390.25	-0.159	224.3	-0.1882	390.27	-0.225	246.3	-0.5983
390.33	-0.16	224.3	-0.1882	390.33	-0.225	246.3	-0.5992
390.42	-0.159	224.2	-0.1891	390.42	-0.225	246.2	-0.6
390.50	-0.161	224.2	-0.1891	390.50	-0.226	246.2	-0.6009
390.58	-0.16	224.2	-0.1891	390.58	-0.227	246.1	-0.6018
390.67	-0.161	224.1	-0.19	390.67	-0.227	246	-0.6027
390.75	-0.162	224.1	-0.19	390.75	-0.227	245.9	-0.6036
390.83	-0.161	224.1	-0.19	390.83	-0.227	245.7	-0.6036
390.92	-0.161	224	-0.1908	390.92	-0.226	245.6	-0.6045
391.00	-0.161	224	-0.1908	391.00	-0.228	245.6	-0.6054
391.08	-0.161	224	-0.1908	391.08	-0.227	245.6	-0.6054
391.17	-0.161	224	-0.1908	391.17	-0.226	245.6	-0.6054
391.25	-0.163	224	-0.1917	391.25	-0.225	245.5	-0.6063
391.33	-0.159	224	-0.1908	391.33	-0.225	245.5	-0.6063
391.42	-0.159	224	-0.1917	391.42	-0.224	245.5	-0.6063
391.50	-0.159	223.9	-0.1917	391.50	-0.223	245.5	-0.6063
391.58	-0.158	223.9	-0.1917	391.58	-0.222	245.3	-0.6063
391.67	-0.157	223.9	-0.1917	391.67	-0.221	245.3	-0.6063
391.75	-0.156	223.9	-0.1908	391.75	-0.22	245.3	-0.6063
391.83	-0.155	223.9	-0.1908	391.83	-0.218	245.3	-0.6063
391.92	-0.154	223.9	-0.1908	391.92	-0.217	245.3	-0.6063
392.00	-0.153	223.9	-0.1908	392.00	-0.215	245.3	-0.6054
392.08	-0.152	223.9	-0.1908	392.08	-0.214	245.3	-0.6054
392.17	-0.151	223.9	-0.1908	392.17	-0.211	245.3	-0.6054
392.25	-0.15	223.9	-0.1908	392.25	-0.21	245.3	-0.6054
392.33	-0.149	223.9	-0.19	392.33	-0.208	245.3	-0.6045
392.42	-0.147	223.9	-0.19	392.42	-0.205	245.3	-0.6045
392.52	-0.145	223.9	-0.19	392.50	-0.203	245.3	-0.6036
392.58	-0.144	223.9	-0.1891	392.58	-0.201	245.3	-0.6027
392.67	-0.143	223.9	-0.1891	392.67	-0.199	245.3	-0.6027
392.75	-0.139	223.9	-0.1891	392.75	-0.196	245.3	-0.6018
392.83	-0.137	223.9	-0.1882	392.83	-0.201	245.5	-0.6027
392.92	-0.137	223.9	-0.1882	392.92	-0.188	245.5	-0.6009
393.00	-0.135	223.9	-0.1882	393.00	-0.186	245.4	-0.6009
393.08	-0.132	223.9	-0.1873	393.08	-0.185	245.4	-0.6
393.17	-0.128	223.9	-0.1873	393.18	-0.181	245.5	-0.5992
393.25	-0.129	224	-0.1864	393.25	-0.179	245.5	-0.5992
393.33	-0.126	224	-0.1864	393.33	-0.175	245.6	-0.5983
393.42	-0.124	224	-0.1855	393.42	-0.173	245.6	-0.5974
393.50	-0.122	224	-0.1855	393.50	-0.168	245.7	-0.5965
393.58	-0.119	224	-0.1846	393.58	-0.165	245.7	-0.5956
393.67	-0.116	224	-0.1846	393.67	-0.162	245.8	-0.5947
393.75	-0.112	224	-0.1837	393.75	-0.159	245.8	-0.5938
393.83	-0.111	224	-0.1829	393.83	-0.155	245.9	-0.5929
393.93	-0.108	224.1	-0.1829	393.92	-0.148	246	-0.5921
394.00	-0.103	224.1	-0.182	394.00	-0.146	246.1	-0.5912
394.08	-0.102	224.1	-0.182	394.08	-0.144	246.1	-0.5903
394.17	-0.102	224.2	-0.1811	394.17	-0.138	246.2	-0.5885
394.25	-0.096	224.2	-0.1802	394.25	-0.135	246.3	-0.5876

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
394.33	-0.093	224.2	-0.1802	394.33	-0.131	246.4	-0.5867
394.42	-0.091	224.3	-0.1793	394.42	-0.127	246.5	-0.5858
394.50	-0.088	224.3	-0.1793	394.50	-0.12	246.6	-0.585
394.58	-0.084	224.3	-0.1784	394.60	-0.116	246.7	-0.5832
394.67	-0.08	224.4	-0.1775	394.67	-0.113	246.8	-0.5814
394.75	-0.078	224.4	-0.1766	394.75	-0.108	246.9	-0.5796
394.83	-0.075	224.5	-0.1758	394.83	-0.102	247	-0.5779
394.92	-0.071	224.5	-0.1749	394.92	-0.101	247.1	-0.577
395.00	-0.068	224.6	-0.174	395.00	-0.093	247.3	-0.5752
395.08	-0.064	224.6	-0.1731	395.08	-0.09	247.4	-0.5734
395.17	-0.06	224.7	-0.1722	395.17	-0.086	247.5	-0.5725
395.25	-0.056	224.8	-0.1713	395.25	-0.081	247.6	-0.5708
395.33	-0.052	224.9	-0.1695	395.33	-0.072	247.7	-0.5681
395.43	-0.052	224.9	-0.1695	395.42	-0.067	247.9	-0.5681
395.50	-0.046	225	-0.1678	395.50	-0.065	248	-0.5663
395.58	-0.042	225.1	-0.1669	395.58	-0.061	248.1	-0.5628
395.67	-0.041	225.2	-0.1651	395.67	-0.054	248.3	-0.561
395.75	-0.036	225.3	-0.1642	395.75	-0.05	248.5	-0.5592
395.83	-0.032	225.4	-0.1633	395.83	-0.046	248.6	-0.5574
395.92	-0.03	225.4	-0.1624	395.92	-0.04	248.8	-0.5557
396.00	-0.026	225.5	-0.1607	396.00	-0.032	249	-0.553
396.08	-0.021	225.6	-0.1598	396.10	-0.03	249.2	-0.5512
396.17	-0.016	225.8	-0.1589	396.17	-0.024	249.3	-0.5477
396.25	-0.014	225.8	-0.1571	396.25	-0.018	249.5	-0.5459
396.33	-0.012	225.9	-0.1562	396.33	-0.014	249.7	-0.5432
396.42	-0.009	226.1	-0.1553	396.42	-0.009	250	-0.5406
396.50	-0.003	226.2	-0.1536	396.50	-0.004	250.1	-0.5379
396.58	0	226.2	-0.1527	396.58	0.003	250.3	-0.5352
396.67	0.005	226.3	-0.1509	396.67	0.007	250.5	-0.5335
396.75	0.01	226.5	-0.15	396.75	0.014	250.7	-0.5299
396.85	0.014	226.6	-0.1473	396.83	0.017	250.9	-0.529
396.92	0.015	226.6	-0.1473	396.92	0.026	251.1	-0.5264
397.00	0.021	226.8	-0.1456	397.00	0.027	251.3	-0.5219
397.08	0.024	226.9	-0.1438	397.08	0.032	251.5	-0.5184
397.17	0.027	227	-0.1429	397.17	0.038	251.7	-0.5157
397.25	0.03	227.1	-0.1411	397.25	0.044	251.9	-0.5122
397.33	0.033	227.2	-0.1394	397.33	0.047	252.1	-0.5095
397.42	0.037	227.3	-0.1385	397.42	0.054	252.3	-0.5068
397.50	0.041	227.4	-0.1367	397.52	0.061	252.6	-0.5042
397.58	0.046	227.5	-0.1349	397.58	0.067	252.8	-0.498
397.67	0.05	227.7	-0.134	397.67	0.07	253	-0.4962
397.75	0.052	227.8	-0.1314	397.75	0.076	253.2	-0.4926
397.83	0.057	227.9	-0.1296	397.83	0.081	253.5	-0.49
397.92	0.06	228	-0.1287	397.92	0.085	253.7	-0.4855
398.00	0.063	228.1	-0.1269	398.00	0.089	253.9	-0.4829
398.08	0.067	228.3	-0.126	398.08	0.095	254.1	-0.4793
398.17	0.07	228.4	-0.1243	398.17	0.099	254.3	-0.4767
398.25	0.073	228.5	-0.1225	398.25	0.103	254.5	-0.4731
398.35	0.076	228.7	-0.1207	398.33	0.11	254.7	-0.4696
398.42	0.08	228.8	-0.1198	398.42	0.115	255	-0.4669
398.50	0.084	228.9	-0.1181	398.50	0.119	255.2	-0.4616
398.58	0.088	229.1	-0.1163	398.58	0.123	255.4	-0.458
398.67	0.089	229.1	-0.1145	398.67	0.128	255.6	-0.4545
398.75	0.094	229.3	-0.1127	398.75	0.132	255.8	-0.4518
398.83	0.098	229.4	-0.111	398.83	0.137	256	-0.4474
398.92	0.101	229.5	-0.1101	398.92	0.14	256.1	-0.4447
399.00	0.103	229.6	-0.1092	399.02	0.146	256.4	-0.4412
399.08	0.106	229.7	-0.1074	399.08	0.152	256.6	-0.4367
399.17	0.111	229.8	-0.1056	399.17	0.154	256.8	-0.4332
399.25	0.113	229.9	-0.1039	399.25	0.157	257	-0.4305

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
399.33	0.116	230	-0.103	399.33	0.162	257.2	-0.427
399.42	0.118	230.1	-0.1012	399.42	0.166	257.4	-0.4225
399.50	0.121	230.2	-0.1003	399.50	0.168	257.6	-0.4199
399.58	0.126	230.4	-0.0985	399.58	0.174	257.8	-0.4163
399.67	0.128	230.4	-0.0976	399.67	0.176	257.9	-0.4128
399.77	0.13	230.6	-0.0959	399.75	0.179	258.1	-0.4101
399.83	0.131	230.7	-0.095	399.83	0.185	258.3	-0.4074
399.92	0.134	230.8	-0.0932	399.92	0.188	258.6	-0.4057
400.00	0.139	230.9	-0.0923	400.00	0.191	258.7	-0.4003
400.08	0.139	231	-0.0914	400.08	0.193	258.9	-0.3977
400.17	0.14	231.1	-0.0905	400.17	0.197	259	-0.3959
400.25	0.142	231.2	-0.0888	400.25	0.199	259.2	-0.3932
400.33	0.147	231.3	-0.0879	400.33	0.202	259.4	-0.3906
400.42	0.147	231.4	-0.087	400.43	0.205	259.5	-0.3879
400.50	0.148	231.4	-0.0861	400.50	0.21	259.7	-0.3852
400.58	0.153	231.5	-0.0852	400.58	0.211	259.9	-0.3817
400.67	0.154	231.7	-0.0843	400.67	0.213	260	-0.3799
400.75	0.156	231.7	-0.0826	400.75	0.216	260.2	-0.3772
400.83	0.16	231.8	-0.0817	400.83	0.219	260.4	-0.3755
400.92	0.158	231.9	-0.0817	400.92	0.221	260.5	-0.3728
401.00	0.162	231.9	-0.0808	401.00	0.223	260.6	-0.371
401.08	0.163	232	-0.0799	401.08	0.224	260.8	-0.3693
401.17	0.164	232.1	-0.079	401.17	0.226	260.9	-0.3675
401.25	0.165	232.2	-0.0781	401.25	0.228	261	-0.3657
401.33	0.167	232.3	-0.0772	401.33	0.229	261.1	-0.3639
401.42	0.168	232.3	-0.0772	401.42	0.231	261.3	-0.3622
401.50	0.166	232.4	-0.0772	401.50	0.233	261.4	-0.3604
401.58	0.167	232.6	-0.0763	401.58	0.234	261.5	-0.3586
401.67	0.167	232.6	-0.0754	401.67	0.233	261.7	-0.3577
401.75	0.17	232.7	-0.0754	401.75	0.233	261.8	-0.3568
401.83	0.169	232.7	-0.0746	401.83	0.234	261.9	-0.3568
401.92	0.17	232.8	-0.0746	401.92	0.235	262	-0.3551
402.00	0.17	232.9	-0.0737	402.00	0.237	262.2	-0.3542
402.08	0.172	232.9	-0.0728	402.08	0.237	262.3	-0.3533
402.17	0.172	233	-0.0728	402.17	0.239	262.4	-0.3524
402.25	0.173	233.1	-0.0728	402.25	0.238	262.5	-0.3524
402.33	0.173	233.1	-0.0728	402.33	0.24	262.6	-0.3515
402.42	0.174	233.2	-0.0719	402.42	0.24	262.7	-0.3506
402.50	0.173	233.2	-0.0719	402.50	0.24	262.7	-0.3497
402.58	0.174	233.3	-0.0719	402.58	0.239	262.8	-0.3497
402.68	0.173	233.3	-0.0719	402.67	0.239	262.9	-0.3497
402.75	0.172	233.4	-0.0719	402.75	0.24	262.9	-0.3488
402.83	0.172	233.4	-0.0719	402.83	0.237	263	-0.3488
402.92	0.172	233.4	-0.0719	402.92	0.238	263.1	-0.3488
403.00	0.171	233.5	-0.0719	403.00	0.237	263.1	-0.3488
403.08	0.171	233.5	-0.071	403.08	0.236	263.1	-0.3488
403.17	0.171	233.5	-0.071	403.17	0.236	263.2	-0.348
403.25	0.17	233.6	-0.071	403.25	0.235	263.2	-0.348
403.33	0.169	233.6	-0.071	403.35	0.233	263.3	-0.348
403.42	0.168	233.6	-0.071	403.42	0.232	263.3	-0.348
403.50	0.168	233.6	-0.0719	403.50	0.231	263.3	-0.3488
403.58	0.165	233.7	-0.0719	403.58	0.229	263.4	-0.3488
403.67	0.165	233.7	-0.0719	403.67	0.228	263.4	-0.3488
403.75	0.165	233.7	-0.0719	403.75	0.225	263.4	-0.3488
403.83	0.162	233.7	-0.0719	403.83	0.224	263.4	-0.3488
403.92	0.162	233.7	-0.0719	403.92	0.222	263.4	-0.3497
404.00	0.161	233.7	-0.0719	404.00	0.22	263.4	-0.3497
404.10	0.158	233.7	-0.0728	404.08	0.219	263.5	-0.3497
404.17	0.157	233.7	-0.0728	404.17	0.215	263.4	-0.3506
404.25	0.156	233.7	-0.0728	404.25	0.213	263.5	-0.3506

Prova triassiale ciclica SNME07-C3							
pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
404.33	0.155	233.7	-0.0728	404.33	0.21	263.5	-0.3506
404.42	0.152	233.7	-0.0737	404.42	0.209	263.4	-0.3515
404.50	0.149	233.7	-0.0737	404.50	0.205	263.4	-0.3524
404.58	0.148	233.7	-0.0737	404.58	0.202	263.4	-0.3524
404.67	0.147	233.7	-0.0746	404.67	0.2	263.4	-0.3533
404.75	0.144	233.7	-0.0746	404.77	0.197	263.4	-0.3533
404.83	0.142	233.7	-0.0754	404.83	0.195	263.3	-0.3542
404.92	0.14	233.6	-0.0754	404.92	0.19	263.3	-0.3542
405.00	0.138	233.6	-0.0754	405.00	0.185	263.3	-0.3551
405.08	0.135	233.6	-0.0763	405.08	0.184	263.3	-0.3559
405.17	0.132	233.6	-0.0772	405.17	0.181	263.2	-0.3559
405.25	0.13	233.6	-0.0772	405.25	0.176	263.2	-0.3568
405.33	0.126	233.5	-0.0781	405.33	0.172	263.1	-0.3577
405.42	0.126	233.5	-0.0781	405.42	0.17	263.1	-0.3586
405.50	0.121	233.5	-0.079	405.50	0.165	263	-0.3595
405.60	0.12	233.4	-0.079	405.58	0.163	263	-0.3595
405.67	0.116	233.4	-0.0799	405.67	0.159	262.9	-0.3604
405.75	0.115	233.4	-0.0808	405.75	0.155	262.9	-0.3613
405.83	0.112	233.3	-0.0808	405.83	0.151	262.8	-0.3622
405.92	0.108	233.3	-0.0817	405.92	0.144	262.7	-0.363
406.00	0.104	233.2	-0.0826	406.00	0.143	262.6	-0.3648
406.08	0.101	233.2	-0.0826	406.08	0.138	262.6	-0.3657
406.17	0.099	233.2	-0.0834	406.17	0.132	262.5	-0.3666
406.25	0.095	233.1	-0.0843	406.27	0.131	262.4	-0.3675
406.33	0.093	233.1	-0.0843	406.33	0.125	262.3	-0.3684
406.42	0.09	233	-0.0852	406.42	0.117	262.2	-0.3693
406.50	0.087	233	-0.0861	406.50	0.114	262.1	-0.3701
406.58	0.079	232.9	-0.087	406.58	0.11	262	-0.3719
406.67	0.077	232.8	-0.0879	406.67	0.105	261.9	-0.3737
406.75	0.076	232.8	-0.0888	406.75	0.1	261.8	-0.3746
406.83	0.071	232.7	-0.0897	406.83	0.094	261.6	-0.3764
406.92	0.07	232.6	-0.0905	406.92	0.093	261.5	-0.3781
407.02	0.066	232.5	-0.0914	407.00	0.087	261.4	-0.3799
407.08	0.062	232.5	-0.0923	407.08	0.08	261.3	-0.3808
407.17	0.058	232.4	-0.0932	407.17	0.078	261.1	-0.3826
407.25	0.055	232.3	-0.0941	407.25	0.074	261	-0.3843
407.33	0.054	232.3	-0.095	407.33	0.065	260.9	-0.3861
407.42	0.048	232.2	-0.0959	407.42	0.059	260.7	-0.3879
407.50	0.043	232.1	-0.0976	407.50	0.056	260.6	-0.3897
407.58	0.04	232	-0.0985	407.58	0.053	260.4	-0.3914
407.67	0.037	231.9	-0.1003	407.68	0.045	260.3	-0.3932
407.75	0.033	231.8	-0.1012	407.75	0.042	260.2	-0.395
407.83	0.029	231.8	-0.1021	407.83	0.037	260	-0.3977
407.92	0.026	231.7	-0.103	407.92	0.032	259.9	-0.3994
408.00	0.022	231.6	-0.1039	408.00	0.023	259.6	-0.403
408.08	0.017	231.5	-0.1056	408.08	0.021	259.5	-0.4048
408.17	0.013	231.4	-0.1065	408.17	0.015	259.3	-0.4065
408.25	0.01	231.3	-0.1083	408.25	0.009	259.2	-0.4083
408.33	0.008	231.2	-0.1101	408.33	0.002	258.9	-0.4101
408.42	0.002	231.1	-0.111	408.42	-0.001	258.8	-0.4136
408.52	-0.001	231	-0.1118	408.50	-0.006	258.6	-0.4163
408.58	-0.005	230.9	-0.1136	408.58	-0.011	258.4	-0.419
408.67	-0.01	230.8	-0.1154	408.67	-0.017	258.2	-0.4216
408.75	-0.011	230.7	-0.1163	408.75	-0.021	258.1	-0.4243
408.83	-0.014	230.6	-0.1181	408.83	-0.028	257.8	-0.427
408.92	-0.019	230.5	-0.1198	408.92	-0.034	257.6	-0.4287
409.00	-0.026	230.3	-0.1207	409.00	-0.037	257.4	-0.4332
409.08	-0.027	230.2	-0.1225	409.08	-0.042	257.2	-0.4358
409.17	-0.03	230.1	-0.1243	409.18	-0.048	257	-0.4385
409.25	-0.034	230	-0.126	409.25	-0.051	256.9	-0.4412

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500			pressione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
409.33	-0.036	229.9	-0.1269	409.33	-0.057	256.7	-0.4447
409.42	-0.04	229.8	-0.1287	409.42	-0.063	256.5	-0.4474
409.50	-0.045	229.7	-0.1305	409.50	-0.066	256.2	-0.4509
409.58	-0.049	229.5	-0.1314	409.58	-0.071	256	-0.4545
409.67	-0.052	229.4	-0.1331	409.67	-0.075	255.8	-0.4571
409.75	-0.056	229.3	-0.1358	409.75	-0.084	255.6	-0.4616
409.83	-0.059	229.2	-0.1367	409.83	-0.088	255.3	-0.4642
409.93	-0.063	229	-0.1385	409.92	-0.092	255	-0.4696
410.00	-0.066	228.9	-0.1402	410.00	-0.096	254.8	-0.4722
410.08	-0.069	228.8	-0.142	410.08	-0.103	254.6	-0.4767
410.17	-0.073	228.7	-0.1438	410.17	-0.106	254.4	-0.4802
410.25	-0.075	228.5	-0.1447	410.25	-0.11	254.2	-0.4829
410.33	-0.079	228.4	-0.1465	410.33	-0.117	254	-0.4864
410.42	-0.082	228.3	-0.1473	410.42	-0.12	253.6	-0.49
410.50	-0.086	228.1	-0.1491	410.50	-0.123	253.4	-0.4953
410.58	-0.089	228	-0.1509	410.60	-0.129	253.2	-0.4989
410.67	-0.092	227.9	-0.1527	410.67	-0.134	253	-0.5024
410.75	-0.095	227.8	-0.1544	410.75	-0.135	252.8	-0.5051
410.83	-0.099	227.7	-0.1562	410.83	-0.139	252.6	-0.5086
410.92	-0.103	227.6	-0.158	410.92	-0.146	252.2	-0.5139
411.00	-0.103	227.5	-0.1589	411.00	-0.148	252.1	-0.5166
411.08	-0.107	227.3	-0.1607	411.08	-0.151	251.8	-0.5202
411.17	-0.11	227.2	-0.1616	411.17	-0.156	251.6	-0.5246
411.25	-0.112	227.1	-0.1633	411.25	-0.161	251.4	-0.5281
411.33	-0.114	227	-0.1642	411.33	-0.164	251.1	-0.5317
411.42	-0.118	226.8	-0.1651	411.42	-0.168	250.9	-0.537
411.50	-0.119	226.7	-0.1669	411.50	-0.172	250.7	-0.5397
411.58	-0.122	226.6	-0.1687	411.58	-0.175	250.6	-0.5432
411.67	-0.125	226.5	-0.1695	411.67	-0.177	250.4	-0.5459
411.75	-0.128	226.4	-0.1713	411.75	-0.179	250.2	-0.5494
411.83	-0.131	226.4	-0.1722	411.83	-0.184	250	-0.5521
411.92	-0.131	226.3	-0.1731	411.92	-0.188	249.8	-0.5548
412.00	-0.134	226.1	-0.174	412.00	-0.189	249.6	-0.5592
412.08	-0.135	226	-0.1749	412.10	-0.192	249.4	-0.5619
412.17	-0.137	225.9	-0.1766	412.17	-0.195	249.3	-0.5654
412.25	-0.14	225.8	-0.1775	412.25	-0.196	249.2	-0.5672
412.33	-0.14	225.8	-0.1784	412.33	-0.199	249.1	-0.5699
412.42	-0.143	225.7	-0.1793	412.42	-0.203	248.9	-0.5734
412.50	-0.144	225.6	-0.1802	412.50	-0.204	248.8	-0.5752
412.58	-0.146	225.5	-0.1802	412.58	-0.206	248.7	-0.5779
412.67	-0.148	225.4	-0.1811	412.67	-0.209	248.6	-0.5796
412.75	-0.155	225.4	-0.1837	412.75	-0.212	248.6	-0.5823
412.85	-0.15	225.3	-0.1829	412.83	-0.213	248.2	-0.5841
412.92	-0.153	225.2	-0.1837	412.92	-0.214	248.1	-0.5867
413.00	-0.152	225.1	-0.1846	413.00	-0.216	248	-0.5885
413.08	-0.153	225.1	-0.1855	413.08	-0.218	247.9	-0.5903
413.17	-0.156	225	-0.1864	413.17	-0.219	247.9	-0.5921
413.25	-0.155	225	-0.1864	413.25	-0.22	247.8	-0.5938
413.33	-0.157	224.9	-0.1873	413.33	-0.222	247.6	-0.5947
413.42	-0.158	224.9	-0.1873	413.42	-0.222	247.3	-0.5965
413.50	-0.158	224.8	-0.1882	413.52	-0.224	247.2	-0.5983
413.58	-0.16	224.8	-0.1891	413.58	-0.225	247.2	-0.5992
413.67	-0.16	224.8	-0.19	413.67	-0.225	247.1	-0.6
413.75	-0.16	224.8	-0.19	413.75	-0.225	247	-0.6009
413.83	-0.161	224.7	-0.19	413.83	-0.226	246.8	-0.6027
413.92	-0.161	224.7	-0.1908	413.92	-0.226	246.2	-0.6036
414.00	-0.161	224.7	-0.1908	414.00	-0.227	246.1	-0.6045
414.08	-0.161	224.6	-0.1908	414.08	-0.227	246	-0.6045
414.17	-0.162	224.6	-0.1908	414.17	-0.227	245.9	-0.6054
414.27	-0.161	224.6	-0.1917	414.25	-0.227	245.9	-0.6063

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
414.33	-0.161	224.5	-0.1917	414.33	-0.226	245.8	-0.6063
414.42	-0.161	224.5	-0.1917	414.42	-0.227	245.7	-0.6071
414.50	-0.161	224.5	-0.1917	414.50	-0.225	245.7	-0.6071
414.58	-0.161	224.5	-0.1917	414.58	-0.226	245.6	-0.6071
414.67	-0.16	224.5	-0.1917	414.67	-0.225	245.6	-0.6071
414.75	-0.16	224.5	-0.1926	414.75	-0.224	245.5	-0.6071
414.83	-0.159	224.4	-0.1917	414.83	-0.223	245.5	-0.608
414.92	-0.158	224.4	-0.1917	414.93	-0.222	245.4	-0.608
415.00	-0.157	224.4	-0.1917	415.00	-0.221	245.4	-0.6071
415.08	-0.157	224.4	-0.1917	415.08	-0.22	245.4	-0.6071
415.17	-0.156	224.4	-0.1917	415.17	-0.218	245.3	-0.6071
415.25	-0.154	224.4	-0.1917	415.25	-0.217	245.3	-0.6071
415.33	-0.154	224.4	-0.1917	415.33	-0.216	245.3	-0.6071
415.42	-0.153	224.4	-0.1917	415.42	-0.214	245.3	-0.6071
415.50	-0.149	224.4	-0.1908	415.50	-0.212	245.3	-0.6063
415.58	-0.151	224.4	-0.1917	415.58	-0.21	245.3	-0.6063
415.67	-0.148	224.4	-0.1908	415.67	-0.208	245.3	-0.6063
415.77	-0.147	224.4	-0.1908	415.75	-0.205	245.3	-0.6054
415.83	-0.145	224.4	-0.19	415.83	-0.202	245.4	-0.6054
415.92	-0.144	224.4	-0.19	415.92	-0.201	245.4	-0.6045
416.00	-0.141	224.4	-0.19	416.00	-0.199	245.4	-0.6045
416.08	-0.14	224.4	-0.19	416.08	-0.196	245.5	-0.6036
416.17	-0.139	224.4	-0.1891	416.17	-0.195	245.5	-0.6036
416.25	-0.136	224.5	-0.1891	416.25	-0.194	245.6	-0.6027
416.33	-0.135	224.5	-0.1891	416.33	-0.186	245.6	-0.6018
416.42	-0.133	224.5	-0.1882	416.43	-0.185	245.6	-0.6018
416.50	-0.129	224.5	-0.1882	416.50	-0.183	245.7	-0.6009
416.58	-0.127	224.5	-0.1873	416.58	-0.178	245.8	-0.6
416.67	-0.127	224.5	-0.1873	416.58	-0.176	245.8	-0.5992
416.75	-0.123	224.5	-0.1864	416.67	-0.172	245.9	-0.5992
416.83	-0.121	224.5	-0.1864	416.75	-0.168	245.9	-0.5974
416.92	-0.12	224.5	-0.1855	416.83	-0.165	246	-0.5974
417.00	-0.119	224.6	-0.1855	416.92	-0.16	246.1	-0.5956
417.08	-0.112	224.6	-0.1846	417.00	-0.158	246.1	-0.5947
417.18	-0.111	224.6	-0.1837	417.08	-0.154	246.2	-0.5947
417.25	-0.109	224.7	-0.1837	417.17	-0.149	246.3	-0.5938
417.33	-0.105	224.7	-0.1829	417.25	-0.145	246.4	-0.5921
417.42	-0.102	224.7	-0.182	417.33	-0.142	246.5	-0.5912
417.50	-0.099	224.8	-0.1811	417.42	-0.137	246.6	-0.5903
417.58	-0.094	224.8	-0.1802	417.50	-0.134	246.7	-0.5894
417.67	-0.094	224.8	-0.1802	417.58	-0.132	246.7	-0.5876
417.75	-0.089	224.8	-0.1802	417.67	-0.127	246.8	-0.5867
417.83	-0.088	224.9	-0.1793	417.75	-0.119	246.9	-0.5858
417.92	-0.086	224.9	-0.1793	417.85	-0.118	247	-0.5841
418.00	-0.08	225	-0.1775	417.92	-0.113	247.1	-0.5823
418.08	-0.078	225	-0.1775	418.00	-0.108	247.2	-0.5814
418.17	-0.074	225.1	-0.1758	418.08	-0.103	247.3	-0.5796
418.25	-0.07	225.1	-0.1749	418.17	-0.096	247.5	-0.5787
418.33	-0.07	225.2	-0.1749	418.25	-0.094	247.6	-0.5761
418.42	-0.066	225.2	-0.174	418.33	-0.089	247.8	-0.5752
418.50	-0.061	225.3	-0.1731	418.42	-0.083	247.9	-0.5734
418.58	-0.056	225.4	-0.1722	418.50	-0.081	248	-0.5716
418.68	-0.056	225.4	-0.1704	418.58	-0.076	248.2	-0.5699
418.75	-0.051	225.5	-0.1695	418.67	-0.069	248.3	-0.5681
418.83	-0.047	225.6	-0.1687	418.75	-0.06	248.6	-0.5663
418.92	-0.042	225.7	-0.1678	418.83	-0.06	248.7	-0.5637
419.00	-0.04	225.8	-0.166	418.92	-0.054	248.9	-0.5619
419.08	-0.036	225.9	-0.1651	419.00	-0.048	249	-0.5601
419.17	-0.032	225.9	-0.1642	419.08	-0.046	249.2	-0.5583
419.25	-0.029	226	-0.1633	419.17	-0.04	249.3	-0.5566

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
419.33	-0.027	226.1	-0.1624	419.25	-0.033	249.5	-0.5548
419.42	-0.022	226.2	-0.1607	419.35	-0.027	249.8	-0.5521
419.50	-0.017	226.4	-0.1598	419.42	-0.024	249.9	-0.5494
419.58	-0.014	226.4	-0.158	419.50	-0.02	250.1	-0.5468
419.67	-0.01	226.5	-0.1571	419.58	-0.012	250.3	-0.545
419.75	-0.008	226.6	-0.1553	419.67	-0.007	250.6	-0.5423
419.83	-0.003	226.7	-0.1544	419.75	-0.004	250.7	-0.5397
419.92	0	226.8	-0.1527	419.83	0.002	250.9	-0.537
420.00	0.005	226.9	-0.1518	419.92	0.006	251.1	-0.5344
420.10	0.009	227.1	-0.15	420.00	0.012	251.3	-0.5326
420.17	0.012	227.2	-0.1482	420.08	0.016	251.5	-0.529
420.25	0.016	227.3	-0.1473	420.17	0.022	251.7	-0.5264
420.33	0.02	227.4	-0.1456	420.25	0.031	252	-0.5237
420.42	0.026	227.6	-0.1447	420.33	0.033	252.1	-0.5193
420.50	0.027	227.6	-0.1429	420.42	0.039	252.3	-0.5166
420.58	0.031	227.7	-0.1402	420.50	0.045	252.5	-0.5131
420.67	0.034	227.8	-0.1394	420.58	0.048	252.7	-0.5104
420.75	0.038	228	-0.1385	420.67	0.045	253	-0.5086
420.83	0.041	228.1	-0.1367	420.77	0.061	253.2	-0.5042
420.92	0.045	228.2	-0.1358	420.83	0.065	253.5	-0.5015
421.00	0.05	228.3	-0.134	420.92	0.07	253.7	-0.4971
421.08	0.053	228.4	-0.1314	421.00	0.076	253.9	-0.4935
421.17	0.057	228.5	-0.1305	421.08	0.08	254.1	-0.4918
421.25	0.06	228.7	-0.1287	421.17	0.085	254.4	-0.4891
421.33	0.064	228.8	-0.1269	421.25	0.089	254.6	-0.4847
421.42	0.067	228.9	-0.126	421.33	0.094	254.8	-0.4811
421.50	0.07	229	-0.1243	421.42	0.098	255	-0.4784
421.58	0.075	229.2	-0.1225	421.50	0.1	255.2	-0.4758
421.67	0.077	229.3	-0.1216	421.58	0.107	255.4	-0.4722
421.75	0.078	229.4	-0.1198	421.67	0.113	255.6	-0.4687
421.83	0.081	229.5	-0.1189	421.75	0.119	255.9	-0.4651
421.92	0.087	229.7	-0.1172	421.83	0.122	256.1	-0.4598
422.00	0.09	229.8	-0.1154	421.92	0.126	256.3	-0.4571
422.08	0.094	229.9	-0.1136	422.00	0.132	256.5	-0.4527
422.17	0.097	230	-0.1118	422.08	0.134	256.6	-0.45
422.25	0.099	230.1	-0.111	422.17	0.139	256.8	-0.4465
422.33	0.1	230.2	-0.1101	422.27	0.146	257	-0.4429
422.42	0.106	230.3	-0.1083	422.33	0.149	257.3	-0.4403
422.50	0.11	230.5	-0.1065	422.42	0.152	257.5	-0.4349
422.58	0.111	230.6	-0.1047	422.50	0.155	257.6	-0.4323
422.67	0.114	230.7	-0.1039	422.58	0.162	257.8	-0.4287
422.75	0.118	230.8	-0.1021	422.67	0.165	258.1	-0.4261
422.83	0.119	230.9	-0.1012	422.75	0.168	258.3	-0.4207
422.92	0.123	231	-0.0994	422.83	0.172	258.5	-0.4181
423.02	0.128	231.2	-0.0976	422.92	0.176	258.7	-0.4145
423.08	0.127	231.2	-0.0976	423.00	0.179	258.8	-0.4119
423.17	0.13	231.4	-0.0959	423.08	0.185	259	-0.4083
423.25	0.132	231.4	-0.095	423.17	0.187	259.2	-0.4065
423.33	0.135	231.6	-0.0932	423.25	0.192	259.4	-0.4039
423.42	0.139	231.7	-0.0923	423.33	0.191	259.6	-0.4003
423.50	0.141	231.8	-0.0905	423.42	0.194	259.8	-0.3986
423.58	0.142	231.8	-0.0897	423.50	0.198	259.9	-0.3959
423.67	0.145	231.9	-0.0888	423.58	0.199	260.1	-0.3932
423.75	0.145	232	-0.0879	423.68	0.204	260.3	-0.3906
423.83	0.148	232.1	-0.087	423.75	0.208	260.4	-0.3879
423.92	0.152	232.2	-0.0861	423.83	0.208	260.6	-0.3852
424.00	0.153	232.3	-0.0843	423.92	0.211	260.8	-0.3826
424.08	0.155	232.4	-0.0834	424.00	0.214	260.9	-0.3799
424.17	0.156	232.5	-0.0826	424.08	0.217	261	-0.3781
424.25	0.158	232.5	-0.0826	424.17	0.22	261.2	-0.3755

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
424.33	0.159	232.6	-0.0817	424.25	0.22	261.4	-0.3728
424.43	0.16	232.7	-0.0808	424.33	0.224	261.5	-0.371
424.50	0.162	232.8	-0.0799	424.42	0.224	261.6	-0.3701
424.58	0.165	232.9	-0.079	424.50	0.226	261.7	-0.3675
424.67	0.165	233	-0.0781	424.58	0.228	261.9	-0.3666
424.75	0.165	233	-0.0781	424.67	0.23	262	-0.3648
424.83	0.17	233.1	-0.0772	424.75	0.232	262.2	-0.363
424.92	0.168	233.2	-0.0763	424.83	0.232	262.3	-0.3604
425.00	0.169	233.2	-0.0763	424.92	0.234	262.4	-0.3595
425.08	0.172	233.3	-0.0754	425.00	0.235	262.5	-0.3586
425.17	0.17	233.4	-0.0754	425.10	0.236	262.6	-0.3568
425.25	0.173	233.4	-0.0746	425.17	0.237	262.7	-0.3568
425.33	0.172	233.5	-0.0746	425.25	0.237	262.8	-0.3551
425.42	0.172	233.5	-0.0737	425.33	0.239	263	-0.3551
425.50	0.174	233.6	-0.0737	425.42	0.24	263	-0.3533
425.58	0.175	233.7	-0.0728	425.50	0.239	263.1	-0.3533
425.67	0.174	233.7	-0.0728	425.58	0.241	263.2	-0.3524
425.75	0.174	233.8	-0.0728	425.67	0.24	263.3	-0.3515
425.83	0.174	233.8	-0.0719	425.75	0.24	263.4	-0.3506
425.93	0.175	233.9	-0.0719	425.83	0.24	263.5	-0.3506
426.00	0.175	233.9	-0.0719	425.92	0.24	263.5	-0.3506
426.08	0.175	233.9	-0.0719	426.00	0.241	263.6	-0.3497
426.17	0.174	234	-0.0719	426.08	0.238	263.6	-0.3497
426.25	0.175	234	-0.0719	426.17	0.239	263.7	-0.3497
426.33	0.173	234	-0.071	426.25	0.238	263.8	-0.3497
426.42	0.173	234.1	-0.0719	426.33	0.237	263.8	-0.3497
426.50	0.172	234.1	-0.071	426.42	0.236	263.8	-0.3497
426.58	0.172	234.1	-0.0719	426.50	0.235	263.9	-0.3488
426.67	0.169	234.2	-0.0719	426.60	0.234	263.9	-0.3488
426.75	0.169	234.2	-0.0719	426.67	0.233	264	-0.3497
426.83	0.17	234.2	-0.0719	426.75	0.231	264	-0.3497
426.92	0.164	234.2	-0.0719	426.83	0.229	264	-0.3497
427.00	0.164	234.3	-0.0719	426.92	0.229	264	-0.3497
427.08	0.163	234.3	-0.0719	427.00	0.227	264.1	-0.3497
427.17	0.162	234.3	-0.0728	427.08	0.224	264.1	-0.3497
427.25	0.161	234.3	-0.0719	427.17	0.222	264.1	-0.3497
427.35	0.16	234.3	-0.0728	427.25	0.22	264.1	-0.3506
427.42	0.158	234.3	-0.0728	427.33	0.218	264.1	-0.3506
427.50	0.156	234.3	-0.0728	427.42	0.216	264.1	-0.3515
427.58	0.155	234.3	-0.0737	427.50	0.215	264.1	-0.3515
427.67	0.154	234.3	-0.0737	427.58	0.211	264.1	-0.3524
427.75	0.153	234.3	-0.0737	427.67	0.208	264.1	-0.3524
427.83	0.148	234.3	-0.0746	427.75	0.206	264.1	-0.3524
427.92	0.15	234.3	-0.0746	427.83	0.203	264.1	-0.3533
428.00	0.147	234.3	-0.0746	427.92	0.201	264	-0.3533
428.08	0.146	234.3	-0.0746	428.00	0.197	264	-0.3542
428.17	0.14	234.3	-0.0754	428.08	0.194	264	-0.3551
428.25	0.141	234.3	-0.0754	428.17	0.191	264	-0.3551
428.33	0.136	234.3	-0.0763	428.25	0.188	263.9	-0.3559
428.42	0.133	234.2	-0.0763	428.33	0.184	263.9	-0.3568
428.50	0.133	234.2	-0.0772	428.42	0.181	263.9	-0.3568
428.58	0.128	234.2	-0.0781	428.50	0.179	263.8	-0.3577
428.67	0.126	234.2	-0.0781	428.58	0.172	263.8	-0.3586
428.75	0.125	234.1	-0.0781	428.67	0.17	263.7	-0.3595
428.85	0.12	234.1	-0.079	428.75	0.166	263.7	-0.3604
428.92	0.119	234.1	-0.0799	428.83	0.162	263.6	-0.3613
429.00	0.115	234	-0.0808	428.92	0.157	263.6	-0.3622
429.08	0.112	234	-0.0808	429.00	0.155	263.5	-0.363
429.17	0.11	234	-0.0817	429.08	0.151	263.4	-0.363
429.25	0.108	233.9	-0.0817	429.17	0.144	263.4	-0.3648

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
429.33	0.102	233.9	-0.0826	429.25	0.14	263.3	-0.3648
429.42	0.102	233.8	-0.0834	429.33	0.139	263.2	-0.3666
429.50	0.101	233.8	-0.0834	429.42	0.132	263.1	-0.3675
429.58	0.096	233.7	-0.0843	429.52	0.128	263.1	-0.3684
429.67	0.091	233.7	-0.0852	429.58	0.126	263	-0.3693
429.75	0.091	233.6	-0.0861	429.67	0.119	262.9	-0.371
429.83	0.087	233.6	-0.0861	429.75	0.115	262.8	-0.3719
429.92	0.084	233.5	-0.087	429.83	0.109	262.6	-0.3737
430.00	0.077	233.4	-0.0888	429.92	0.105	262.5	-0.3755
430.08	0.078	233.4	-0.0897	430.00	0.101	262.4	-0.3764
430.17	0.072	233.3	-0.0905	430.08	0.094	262.3	-0.3772
430.27	0.068	233.3	-0.0905	430.17	0.089	262.1	-0.3781
430.33	0.065	233.2	-0.0914	430.25	0.086	262.1	-0.3808
430.42	0.062	233.1	-0.0932	430.33	0.08	261.9	-0.3826
430.50	0.057	233	-0.0941	430.42	0.078	261.8	-0.3835
430.58	0.055	233	-0.095	430.50	0.072	261.7	-0.3852
430.67	0.051	232.9	-0.0959	430.58	0.067	261.6	-0.387
430.75	0.049	232.8	-0.0968	430.67	0.062	261.4	-0.3879
430.83	0.042	232.7	-0.0976	430.75	0.054	261.2	-0.3906
430.92	0.04	232.6	-0.0985	430.83	0.053	261.1	-0.3923
431.00	0.037	232.5	-0.1003	430.93	0.046	260.9	-0.3941
431.08	0.035	232.5	-0.1012	431.00	0.041	260.8	-0.3959
431.17	0.028	232.3	-0.103	431.08	0.036	260.7	-0.3986
431.25	0.027	232.3	-0.1039	431.17	0.03	260.4	-0.4012
431.33	0.021	232.2	-0.1047	431.25	0.026	260.3	-0.403
431.42	0.018	232.1	-0.1056	431.33	0.02	260.1	-0.4057
431.50	0.013	231.9	-0.1074	431.42	0.015	260	-0.4074
431.58	0.011	231.9	-0.1092	431.50	0.01	259.8	-0.4101
431.67	0.006	231.7	-0.111	431.58	0.004	259.7	-0.4119
431.75	0.005	231.7	-0.111	431.67	-0.004	259.4	-0.4145
431.83	-0.002	231.6	-0.1127	431.75	-0.004	259.3	-0.4172
431.92	-0.007	231.4	-0.1154	431.83	-0.013	259.1	-0.4199
432.00	-0.008	231.4	-0.1163	431.92	-0.017	258.9	-0.4216
432.08	-0.014	231.3	-0.1181	432.00	-0.021	258.7	-0.4252
432.17	-0.012	231.2	-0.1181	432.08	-0.027	258.5	-0.4278
432.25	-0.019	231.1	-0.1207	432.17	-0.031	258.3	-0.4305
432.33	-0.024	230.9	-0.1216	432.25	-0.04	258	-0.4341
432.42	-0.03	230.8	-0.1225	432.33	-0.043	257.8	-0.4376
432.50	-0.03	230.7	-0.1243	432.42	-0.047	257.6	-0.4403
432.58	-0.033	230.6	-0.126	432.50	-0.053	257.5	-0.4429
432.67	-0.038	230.5	-0.1278	432.58	-0.057	257.3	-0.4465
432.75	-0.042	230.3	-0.1296	432.67	-0.062	257	-0.45
432.83	-0.044	230.2	-0.1314	432.75	-0.068	256.8	-0.4536
432.92	-0.049	230.1	-0.1331	432.83	-0.073	256.6	-0.4562
433.00	-0.052	230	-0.134	432.92	-0.073	256.4	-0.4589
433.08	-0.056	229.8	-0.1367	433.00	-0.082	256.2	-0.4633
433.18	-0.059	229.7	-0.1376	433.08	-0.088	255.9	-0.466
433.25	-0.061	229.6	-0.1385	433.17	-0.093	255.6	-0.4696
433.33	-0.069	229.4	-0.1411	433.25	-0.096	255.4	-0.474
433.42	-0.069	229.3	-0.1429	433.33	-0.101	255.2	-0.4776
433.50	-0.073	229.2	-0.1447	433.42	-0.107	255	-0.482
433.58	-0.075	229.1	-0.1456	433.50	-0.109	254.8	-0.4847
433.67	-0.078	229	-0.1473	433.58	-0.114	254.5	-0.4891
433.75	-0.082	228.9	-0.1482	433.67	-0.121	254.2	-0.4918
433.83	-0.086	228.8	-0.15	433.75	-0.126	254	-0.4953
433.92	-0.089	228.6	-0.1518	433.83	-0.128	253.8	-0.5006
434.00	-0.092	228.5	-0.1536	433.92	-0.133	253.5	-0.5042
434.08	-0.095	228.3	-0.1553	434.00	-0.139	253.3	-0.5077
434.17	-0.098	228.2	-0.1571	434.08	-0.143	253	-0.5113
434.25	-0.1	228.1	-0.158	434.17	-0.145	252.8	-0.5157

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500	tensione di confinamento (kPa)		500		
deviatore ciclico (kPa)		150	deviatore ciclico (kPa)		210		
frequenza (hz)		0.00071429	frequenza (hz)		0.0007143		
434.33	-0.106	228	-0.1598	434.25	-0.149	252.6	-0.5193
434.42	-0.107	227.9	-0.1607	434.33	-0.152	252.4	-0.5228
434.50	-0.11	227.8	-0.1616	434.42	-0.155	252.2	-0.5264
434.60	-0.112	227.7	-0.1642	434.50	-0.159	252	-0.5299
434.67	-0.113	227.6	-0.1651	434.58	-0.165	251.7	-0.5335
434.75	-0.119	227.5	-0.166	434.67	-0.168	251.5	-0.537
434.83	-0.119	227.3	-0.1669	434.75	-0.17	251.3	-0.5415
434.92	-0.122	227.2	-0.1687	434.83	-0.175	251.1	-0.545
435.00	-0.124	227.1	-0.1704	434.92	-0.178	250.9	-0.5477
435.08	-0.127	227	-0.1713	435.00	-0.178	250.7	-0.5503
435.17	-0.129	226.9	-0.1722	435.08	-0.184	250.5	-0.5539
435.25	-0.131	226.8	-0.174	435.17	-0.186	250.2	-0.5566
435.33	-0.134	226.7	-0.1749	435.27	-0.191	250	-0.5601
435.42	-0.136	226.6	-0.1758	435.33	-0.192	249.8	-0.5637
435.50	-0.136	226.5	-0.1766	435.42	-0.195	249.7	-0.5663
435.58	-0.14	226.4	-0.1784	435.50	-0.198	249.5	-0.569
435.67	-0.141	226.3	-0.1793	435.58	-0.201	249.2	-0.5716
435.75	-0.142	226.2	-0.1802	435.67	-0.202	249.1	-0.5752
435.83	-0.144	226.1	-0.1802	435.75	-0.205	248.9	-0.5779
435.92	-0.147	226.1	-0.1811	435.83	-0.207	248.8	-0.5796
436.00	-0.148	225.9	-0.182	435.92	-0.209	248.7	-0.5814
436.10	-0.149	225.9	-0.1829	436.00	-0.211	248.6	-0.5841
436.17	-0.151	225.8	-0.1837	436.08	-0.213	248.4	-0.5858
436.25	-0.152	225.8	-0.1846	436.17	-0.215	248.4	-0.5876
436.33	-0.154	225.7	-0.1846	436.25	-0.216	248.3	-0.5903
436.42	-0.154	225.6	-0.1855	436.33	-0.218	248.1	-0.5921
436.50	-0.155	225.5	-0.1864	436.42	-0.218	248	-0.5938
436.58	-0.157	225.5	-0.1873	436.50	-0.22	248	-0.5947
436.67	-0.157	225.4	-0.1882	436.58	-0.221	247.9	-0.5965
436.75	-0.158	225.4	-0.1882	436.67	-0.223	247.8	-0.5974
436.83	-0.159	225.3	-0.1891	436.77	-0.224	247.8	-0.5992
436.92	-0.159	225.3	-0.1891	436.83	-0.224	247.5	-0.6009
437.00	-0.159	225.3	-0.19	436.92	-0.225	247.4	-0.6018
437.08	-0.161	225.2	-0.19	437.00	-0.226	247.3	-0.6027
437.17	-0.161	225.2	-0.1908	437.08	-0.227	247.3	-0.6036
437.25	-0.162	225.2	-0.1908	437.17	-0.227	247.2	-0.6054
437.33	-0.164	225.2	-0.1917	437.25	-0.227	247.2	-0.6054
437.42	-0.159	225.2	-0.1917	437.33	-0.227	247.1	-0.6063
437.52	-0.162	225.1	-0.1917	437.42	-0.227	247.1	-0.6071
437.58	-0.161	225.1	-0.1917	437.50	-0.227	247	-0.6071
437.67	-0.161	225.1	-0.1926	437.58	-0.227	246.9	-0.608
437.75	-0.161	225	-0.1926	437.67	-0.226	246.7	-0.608
437.83	-0.161	225	-0.1926	437.75	-0.226	246.6	-0.608
437.92	-0.16	224.9	-0.1926	437.83	-0.226	246.6	-0.6089
438.00	-0.16	224.9	-0.1926	437.92	-0.227	246.6	-0.6089
438.08	-0.16	224.9	-0.1926	438.00	-0.225	246.6	-0.6089
438.17	-0.159	224.9	-0.1926	438.08	-0.222	246.5	-0.6089
438.25	-0.159	224.9	-0.1926	438.17	-0.222	246.5	-0.6089
438.33	-0.157	224.9	-0.1926	438.25	-0.221	246.5	-0.6089
438.42	-0.156	224.9	-0.1926	438.33	-0.219	246.5	-0.6089
438.50	-0.156	224.9	-0.1926	438.42	-0.218	246.5	-0.6089
438.58	-0.155	224.9	-0.1926	438.50	-0.217	246.5	-0.6089
438.67	-0.154	224.9	-0.1926	438.58	-0.215	246.4	-0.6089
438.75	-0.152	224.9	-0.1917	438.67	-0.214	246.5	-0.608
438.83	-0.152	224.9	-0.1917	438.75	-0.212	246.4	-0.608
438.92	-0.149	224.9	-0.1917	438.83	-0.21	246.5	-0.6071
439.02	-0.149	224.9	-0.1917	438.92	-0.208	246.5	-0.6071
439.08	-0.148	224.9	-0.1908	439.00	-0.206	246.5	-0.6071
439.17	-0.146	224.9	-0.1908	439.08	-0.202	246.5	-0.6063
439.25	-0.143	224.9	-0.1908	439.17	-0.201	246.5	-0.6063

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)	500		
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)	210		
frequenza (hz)		0.00071429			frequenza (hz)	0.0007143		
439.33	-0.142	224.9	-0.1908	439.25	-0.199	246.5	-0.6054	
439.42	-0.14	224.9	-0.19	439.33	-0.195	246.5	-0.6054	
439.50	-0.139	224.9	-0.19	439.42	-0.194	246.5	-0.6045	
439.58	-0.137	224.9	-0.19	439.50	-0.191	246.5	-0.6036	
439.67	-0.135	224.9	-0.1891	439.58	-0.187	246.6	-0.6036	
439.75	-0.134	224.9	-0.1891	439.68	-0.185	246.6	-0.6027	
439.83	-0.129	224.9	-0.1882	439.75	-0.182	246.6	-0.6027	
439.92	-0.127	224.9	-0.1882	439.83	-0.178	246.7	-0.6009	
440.00	-0.125	225	-0.1873	439.92	-0.177	246.7	-0.6009	
440.08	-0.123	225	-0.1873	440.00	-0.171	246.8	-0.6	
440.17	-0.122	225	-0.1864	440.08	-0.169	246.8	-0.5992	
440.25	-0.119	225	-0.1855	440.17	-0.165	246.9	-0.5983	
440.33	-0.118	225.1	-0.1855	440.25	-0.161	246.9	-0.5974	
440.43	-0.113	225.1	-0.1846	440.33	-0.158	247	-0.5965	
440.50	-0.11	225.1	-0.1846	440.42	-0.154	247.1	-0.5956	
440.58	-0.108	225.2	-0.1837	440.50	-0.15	247.1	-0.5947	
440.67	-0.104	225.2	-0.1837	440.58	-0.146	247.2	-0.5938	
440.75	-0.102	225.2	-0.1829	440.67	-0.14	247.3	-0.5929	
440.83	-0.098	225.2	-0.182	440.75	-0.139	247.4	-0.5912	
440.92	-0.095	225.2	-0.1811	440.83	-0.133	247.5	-0.5903	
441.00	-0.09	225.3	-0.1802	440.92	-0.131	247.6	-0.5894	
441.08	-0.092	225.3	-0.1802	441.00	-0.126	247.7	-0.5876	
441.17	-0.09	225.3	-0.1802	441.10	-0.12	247.8	-0.5867	
441.25	-0.085	225.4	-0.1793	441.17	-0.118	247.9	-0.585	
441.33	-0.081	225.4	-0.1784	441.25	-0.11	248	-0.5841	
441.42	-0.077	225.5	-0.1775	441.33	-0.108	248.1	-0.5823	
441.50	-0.075	225.5	-0.1766	441.42	-0.103	248.2	-0.5814	
441.58	-0.071	225.6	-0.1758	441.50	-0.097	248.4	-0.5796	
441.67	-0.068	225.6	-0.1749	441.58	-0.092	248.5	-0.5787	
441.75	-0.066	225.7	-0.174	441.67	-0.089	248.5	-0.5761	
441.83	-0.063	225.8	-0.1731	441.75	-0.084	248.7	-0.5743	
441.92	-0.057	225.9	-0.1722	441.83	-0.08	248.8	-0.5734	
442.00	-0.053	226	-0.1713	441.92	-0.076	248.9	-0.5716	
442.08	-0.051	226	-0.1704	442.00	-0.071	249	-0.5699	
442.17	-0.047	226.1	-0.1695	442.08	-0.063	249.2	-0.5681	
442.25	-0.043	226.2	-0.1687	442.17	-0.057	249.4	-0.5663	
442.33	-0.039	226.3	-0.1669	442.25	-0.056	249.5	-0.5637	
442.42	-0.036	226.4	-0.166	442.33	-0.049	249.7	-0.5619	
442.50	-0.037	226.5	-0.1651	442.42	-0.045	249.8	-0.5592	
442.58	-0.028	226.6	-0.1633	442.50	-0.041	250	-0.5583	
442.67	-0.026	226.7	-0.1624	442.60	-0.034	250.2	-0.5557	
442.75	-0.02	226.8	-0.1607	442.67	-0.028	250.4	-0.5539	
442.83	-0.016	226.8	-0.1607	442.75	-0.023	250.6	-0.5512	
442.92	-0.014	227	-0.1589	442.83	-0.02	250.7	-0.5477	
443.00	-0.01	227.1	-0.1571	442.92	-0.014	250.9	-0.5459	
443.08	-0.006	227.1	-0.1562	443.00	-0.008	251.1	-0.5432	
443.17	-0.002	227.2	-0.1544	443.08	-0.001	251.4	-0.5406	
443.25	0.003	227.3	-0.1527	443.17	0.002	251.6	-0.5379	
443.35	0.003	227.5	-0.1518	443.25	0.007	251.7	-0.5352	
443.42	0.009	227.6	-0.15	443.33	0.013	251.9	-0.5326	
443.50	0.013	227.7	-0.1491	443.42	0.016	252.1	-0.5299	
443.58	0.015	227.8	-0.1473	443.50	0.025	252.3	-0.5264	
443.67	0.019	227.9	-0.1465	443.58	0.03	252.6	-0.5246	
443.75	0.024	228	-0.1447	443.67	0.034	252.7	-0.5228	
443.83	0.028	228.2	-0.1438	443.75	0.038	252.9	-0.5175	
443.92	0.031	228.3	-0.142	443.83	0.044	253.1	-0.5139	
444.00	0.034	228.4	-0.1402	443.92	0.049	253.3	-0.5113	
444.08	0.038	228.5	-0.1385	444.02	0.052	253.5	-0.5086	
444.17	0.044	228.6	-0.1376	444.08	0.059	253.7	-0.5051	
444.25	0.045	228.7	-0.1367	444.17	0.064	254.1	-0.5015	

Prova triassiale ciclica SNME07-C3

tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143
444.33	0.049	228.8	-0.1349	444.25	0.071	254.3	-0.4989
444.42	0.053	229	-0.1331	444.33	0.075	254.5	-0.4944
444.50	0.054	229.1	-0.1314	444.42	0.079	254.7	-0.4918
444.58	0.06	229.2	-0.1296	444.50	0.086	254.9	-0.4891
444.67	0.065	229.3	-0.1278	444.58	0.09	255.2	-0.4864
444.77	0.068	229.5	-0.1269	444.67	0.093	255.3	-0.4811
444.83	0.07	229.6	-0.1252	444.75	0.097	255.5	-0.4784
444.92	0.074	229.7	-0.1234	444.83	0.101	255.8	-0.4758
445.00	0.077	229.8	-0.1216	444.92	0.106	256	-0.4731
445.08	0.079	229.9	-0.1207	445.00	0.11	256.2	-0.4696
445.17	0.084	230	-0.1189	445.08	0.119	256.5	-0.4651
445.25	0.088	230.2	-0.1172	445.17	0.122	256.7	-0.4616
445.33	0.092	230.3	-0.1154	445.25	0.127	256.8	-0.4571
445.42	0.094	230.4	-0.1136	445.33	0.132	257	-0.4545
445.50	0.098	230.5	-0.1127	445.42	0.133	257.2	-0.4509
445.58	0.1	230.6	-0.111	445.50	0.139	257.4	-0.4474
445.67	0.103	230.7	-0.1101	445.58	0.145	257.6	-0.4429
445.75	0.106	230.8	-0.1083	445.67	0.149	257.8	-0.4403
445.83	0.111	231	-0.1074	445.75	0.151	258	-0.4367
445.92	0.114	231.1	-0.1056	445.83	0.156	258.2	-0.4332
446.00	0.115	231.2	-0.1039	445.92	0.161	258.4	-0.4296
446.08	0.119	231.3	-0.1021	446.00	0.167	258.7	-0.427
446.17	0.122	231.4	-0.1012	446.08	0.167	258.8	-0.4225
446.27	0.123	231.5	-0.1003	446.17	0.172	259	-0.419
446.33	0.127	231.6	-0.0985	446.25	0.176	259.2	-0.4154
446.42	0.13	231.7	-0.0968	446.33	0.179	259.4	-0.4128
446.50	0.132	231.8	-0.0959	446.42	0.183	259.5	-0.4092
446.58	0.134	231.9	-0.095	446.50	0.186	259.7	-0.4074
446.67	0.136	232	-0.0932	446.58	0.191	260	-0.4048
446.75	0.138	232.1	-0.0923	446.67	0.192	260.1	-0.4003
446.83	0.143	232.2	-0.0914	446.75	0.195	260.3	-0.3977
446.92	0.143	232.3	-0.0897	446.83	0.2	260.4	-0.395
447.00	0.146	232.4	-0.0888	446.93	0.202	260.6	-0.3923
447.08	0.148	232.5	-0.0879	447.00	0.205	260.7	-0.3897
447.17	0.152	232.6	-0.087	447.08	0.208	260.9	-0.387
447.25	0.151	232.7	-0.0861	447.17	0.211	261.1	-0.3852
447.33	0.153	232.8	-0.0852	447.25	0.214	261.2	-0.3817
447.42	0.155	232.9	-0.0843	447.33	0.215	261.4	-0.379
447.50	0.157	233	-0.0834	447.42	0.217	261.5	-0.3772
447.58	0.156	233.1	-0.0826	447.50	0.22	261.7	-0.3746
447.68	0.159	233.2	-0.0826	447.58	0.223	261.9	-0.3719
447.75	0.158	233.3	-0.0817	447.67	0.224	262	-0.371
447.83	0.161	233.4	-0.0808	447.75	0.226	262.1	-0.3693
447.92	0.164	233.5	-0.0799	447.83	0.228	262.3	-0.3666
448.00	0.164	233.5	-0.079	447.92	0.229	262.4	-0.3657
448.08	0.166	233.6	-0.079	448.00	0.231	262.5	-0.3639
448.17	0.168	233.7	-0.0781	448.08	0.233	262.7	-0.3622
448.25	0.168	233.7	-0.0772	448.17	0.234	262.8	-0.3604
448.33	0.169	233.8	-0.0763	448.25	0.236	262.9	-0.3595
448.42	0.169	233.8	-0.0763	448.33	0.236	263	-0.3586
448.50	0.169	233.9	-0.0763	448.42	0.239	263.1	-0.3568
448.58	0.17	234	-0.0754	448.50	0.238	263.2	-0.3559
448.67	0.171	234	-0.0754	448.58	0.233	263.3	-0.3559
448.75	0.173	234.1	-0.0746	448.67	0.237	263.5	-0.3551
448.83	0.173	234.2	-0.0746	448.75	0.238	263.6	-0.3542
448.92	0.173	234.2	-0.0746	448.83	0.238	263.6	-0.3533
449.00	0.172	234.3	-0.0737	448.92	0.239	263.7	-0.3533
449.08	0.173	234.3	-0.0737	449.00	0.239	263.8	-0.3524
449.18	0.173	234.4	-0.0737	449.08	0.24	263.9	-0.3515
449.25	0.174	234.4	-0.0728	449.17	0.239	263.9	-0.3515

Prova triassiale ciclica SNME07-C3							
tensione di confinamento (kPa)		500		tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
449.33	0.175	234.5	-0.0728	449.25	0.239	264	-0.3515
449.42	0.173	234.5	-0.0728	449.33	0.238	264.1	-0.3506
449.50	0.172	234.5	-0.0728	449.42	0.24	264.1	-0.3506
449.58	0.172	234.6	-0.0728	449.50	0.237	264.2	-0.3506
449.67	0.172	234.6	-0.0728	449.58	0.236	264.2	-0.3506
449.75	0.172	234.6	-0.0728	449.67	0.236	264.3	-0.3506
449.83	0.171	234.7	-0.0728	449.75	0.236	264.3	-0.3506
449.92	0.17	234.7	-0.0728	449.83	0.234	264.4	-0.3506
450.00	0.17	234.7	-0.0728	449.92	0.233	264.4	-0.3506
450.08	0.169	234.8	-0.0728	450.00	0.232	264.4	-0.3506
450.17	0.168	234.8	-0.0728	450.08	0.23	264.5	-0.3506
450.25	0.167	234.8	-0.0728	450.17	0.229	264.5	-0.3506
450.33	0.166	234.8	-0.0728	450.25	0.227	264.5	-0.3506
450.42	0.164	234.8	-0.0728	450.33	0.226	264.5	-0.3506
450.50	0.164	234.8	-0.0737	450.42	0.223	264.6	-0.3515
450.60	0.161	234.8	-0.0737	450.50	0.222	264.6	-0.3515
450.67	0.161	234.9	-0.0737	450.60	0.22	264.6	-0.3515
450.75	0.158	234.8	-0.0737	450.67	0.218	264.6	-0.3524
450.83	0.157	234.9	-0.0746	450.75	0.216	264.6	-0.3524
450.92	0.156	234.9	-0.0746	450.83	0.213	264.6	-0.3524
451.00	0.155	234.9	-0.0746	450.92	0.211	264.6	-0.3533
451.08	0.153	234.9	-0.0746	451.00	0.208	264.6	-0.3533
451.17	0.152	234.9	-0.0746	451.08	0.206	264.6	-0.3542
451.25	0.148	234.8	-0.0754	451.17	0.203	264.5	-0.3542
451.33	0.146	234.8	-0.0754	451.25	0.199	264.5	-0.3551
451.42	0.145	234.8	-0.0763	451.33	0.197	264.5	-0.3551
451.50	0.141	234.8	-0.0763	451.42	0.195	264.5	-0.3559
451.58	0.141	234.8	-0.0763	451.50	0.192	264.5	-0.3559
451.67	0.138	234.8	-0.0772	451.58	0.187	264.4	-0.3568
451.75	0.136	234.7	-0.0772	451.67	0.183	264.4	-0.3577
451.83	0.132	234.7	-0.0781	451.75	0.181	264.3	-0.3577
451.92	0.13	234.7	-0.0781	451.83	0.178	264.3	-0.3586
452.00	0.127	234.7	-0.079	451.92	0.169	264.3	-0.3595
452.08	0.126	234.6	-0.079	452.00	0.168	264.2	-0.3604
452.17	0.12	234.6	-0.0799	452.08	0.168	264.2	-0.3613
452.25	0.121	234.6	-0.0799	452.17	0.164	264.1	-0.3622
452.33	0.117	234.5	-0.0808	452.25	0.157	264	-0.363
452.42	0.114	234.5	-0.0817	452.33	0.153	264	-0.3639
452.50	0.113	234.5	-0.0826	452.42	0.152	263.9	-0.3639
452.58	0.109	234.4	-0.0826	452.50	0.144	263.9	-0.3648
452.67	0.103	234.4	-0.0834	452.58	0.142	263.8	-0.3657
452.75	0.1	234.3	-0.0843	452.67	0.14	263.7	-0.3675
452.83	0.097	234.3	-0.0843	452.75	0.133	263.6	-0.3684
452.92	0.095	234.2	-0.0852	452.83	0.127	263.5	-0.3693
453.00	0.094	234.2	-0.0861	452.92	0.125	263.4	-0.3701
453.08	0.089	234.1	-0.087	453.00	0.12	263.3	-0.3719
453.17	0.087	234.1	-0.087	453.08	0.113	263.3	-0.3728
453.25	0.084	234	-0.0879	453.17	0.109	263.1	-0.3737
453.33	0.078	233.9	-0.0897	453.25	0.107	263	-0.3755
453.42	0.075	233.9	-0.0897	453.33	0.101	262.9	-0.3772
453.52	0.073	233.8	-0.0914	453.42	0.094	262.8	-0.3781
453.58	0.07	233.8	-0.0914	453.52	0.09	262.7	-0.379
453.67	0.064	233.7	-0.0932	453.58	0.085	262.6	-0.3817
453.75	0.061	233.6	-0.0932	453.67	0.081	262.5	-0.3835
453.83	0.058	233.5	-0.095	453.75	0.075	262.3	-0.3843
453.92	0.054	233.5	-0.0959	453.83	0.072	262.2	-0.3861
454.00	0.054	233.4	-0.0968	453.92	0.068	262.1	-0.3879
454.08	0.047	233.3	-0.0976	454.00	0.06	261.9	-0.3897
454.17	0.045	233.2	-0.0985	454.08	0.055	261.7	-0.3906
454.25	0.041	233.1	-0.1003	454.17	0.052	261.6	-0.3941

Prova triassiale ciclica SNME07-C3								
tensione di confinamento (kPa)		500			tensione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150			deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429			frequenza (hz)		0.0007143	
454.33	0.036	233	-0.1012	454.25	0.047	261.4	-0.3959	
454.42	0.034	233	-0.1021	454.33	0.042	261.3	-0.3977	
454.50	0.029	232.9	-0.1039	454.42	0.037	261.1	-0.3994	
454.58	0.025	232.7	-0.1047	454.50	0.03	261	-0.4012	
454.67	0.023	232.7	-0.1056	454.58	0.023	260.8	-0.4039	
454.75	0.021	232.6	-0.1065	454.67	0.023	260.7	-0.4057	
454.83	0.014	232.4	-0.1083	454.75	0.017	260.5	-0.4074	
454.93	0.012	232.3	-0.1101	454.83	0.011	260.3	-0.4101	
455.00	0.007	232.2	-0.111	454.92	0.004	260.1	-0.4119	
455.08	0.004	232.2	-0.1118	455.00	-0.002	259.9	-0.4145	
455.17	-0.002	232	-0.1136	455.08	-0.007	259.7	-0.4181	
455.25	-0.003	231.9	-0.1154	455.17	-0.01	259.6	-0.4207	
455.33	-0.009	231.8	-0.1172	455.25	-0.018	259.3	-0.4234	
455.42	-0.009	231.7	-0.1181	455.33	-0.02	259.2	-0.4261	
455.50	-0.017	231.6	-0.1198	455.42	-0.026	259	-0.4278	
455.58	-0.019	231.5	-0.1216	455.50	-0.033	258.8	-0.4314	
455.67	-0.022	231.4	-0.1225	455.58	-0.04	258.5	-0.4341	
455.75	-0.031	231.2	-0.1234	455.67	-0.042	258.3	-0.4385	
455.83	-0.029	231.2	-0.1252	455.75	-0.047	258.2	-0.4412	
455.92	-0.035	231.1	-0.1278	455.83	-0.051	257.9	-0.4438	
456.00	-0.038	230.9	-0.1287	455.92	-0.056	257.7	-0.4465	
456.08	-0.041	230.8	-0.1305	456.00	-0.062	257.5	-0.45	
456.17	-0.044	230.7	-0.1314	456.08	-0.068	257.3	-0.4545	
456.25	-0.047	230.6	-0.1331	456.17	-0.073	257.1	-0.4571	
456.33	-0.05	230.4	-0.1349	456.25	-0.076	256.9	-0.4598	
456.43	-0.058	230.3	-0.1376	456.33	-0.082	256.6	-0.4633	
456.50	-0.058	230.2	-0.1385	456.43	-0.087	256.4	-0.4669	
456.58	-0.062	230.1	-0.1402	456.50	-0.094	256.1	-0.4704	
456.67	-0.066	229.9	-0.142	456.58	-0.097	255.9	-0.4758	
456.75	-0.07	229.8	-0.1429	456.67	-0.101	255.7	-0.4784	
456.83	-0.072	229.7	-0.1447	456.75	-0.107	255.5	-0.4829	
456.92	-0.076	229.6	-0.1465	456.83	-0.109	255.3	-0.4855	
457.00	-0.078	229.5	-0.1473	456.92	-0.115	255	-0.4891	
457.08	-0.081	229.4	-0.1491	457.00	-0.12	254.8	-0.4926	
457.17	-0.086	229.2	-0.1509	457.08	-0.127	254.5	-0.4962	
457.25	-0.089	229.1	-0.1527	457.17	-0.126	254.3	-0.5015	
457.33	-0.092	229	-0.1536	457.25	-0.132	254.1	-0.5051	
457.42	-0.094	228.9	-0.1562	457.33	-0.138	253.9	-0.5086	
457.50	-0.098	228.7	-0.1571	457.42	-0.14	253.6	-0.5122	
457.58	-0.101	228.6	-0.1589	457.50	-0.145	253.4	-0.5157	
457.67	-0.103	228.5	-0.1598	457.58	-0.148	253.1	-0.5202	
457.75	-0.107	228.4	-0.1616	457.67	-0.154	252.9	-0.5246	
457.85	-0.108	228.3	-0.1633	457.75	-0.156	252.7	-0.5281	
457.92	-0.113	228.1	-0.1651	457.85	-0.161	252.4	-0.5317	
458.00	-0.114	228	-0.166	457.92	-0.166	252.3	-0.5344	
458.08	-0.116	227.9	-0.1669	458.00	-0.169	252	-0.537	
458.17	-0.119	227.8	-0.1687	458.08	-0.171	251.8	-0.5423	
458.25	-0.122	227.7	-0.1695	458.17	-0.174	251.6	-0.5459	
458.33	-0.125	227.5	-0.1713	458.25	-0.178	251.4	-0.5486	
458.42	-0.127	227.4	-0.1722	458.33	-0.179	251.2	-0.5521	
458.50	-0.129	227.3	-0.1731	458.42	-0.183	251	-0.5548	
458.58	-0.131	227.2	-0.174	458.50	-0.186	250.8	-0.5583	
458.67	-0.133	227.1	-0.1758	458.58	-0.191	250.6	-0.561	
458.75	-0.136	227	-0.1766	458.67	-0.192	250.4	-0.5645	
458.83	-0.138	226.9	-0.1784	458.75	-0.196	250.3	-0.5681	
458.92	-0.139	226.8	-0.1793	458.83	-0.198	250.1	-0.5708	
459.00	-0.142	226.7	-0.1802	458.92	-0.2	250	-0.5725	
459.08	-0.142	226.7	-0.1802	459.00	-0.202	249.9	-0.5761	
459.17	-0.143	226.6	-0.1802	459.08	-0.205	249.8	-0.5779	
459.25	-0.147	226.5	-0.182	459.17	-0.207	249.6	-0.5805	

Prova triassiale ciclica SNME07-C3

pressione di confinamento (kPa)		500		pressione di confinamento (kPa)		500	
deviatore ciclico (kPa)		150		deviatore ciclico (kPa)		210	
frequenza (hz)		0.00071429		frequenza (hz)		0.0007143	
459.35	-0.147	226.4	-0.1829	459.25	-0.212	249.6	-0.5832
459.42	-0.15	226.3	-0.1837	459.33	-0.21	249.5	-0.585
459.50	-0.15	226.2	-0.1837	459.42	-0.213	249.4	-0.5867
459.58	-0.151	226.2	-0.1846	459.50	-0.215	249	-0.5885
459.67	-0.154	226.1	-0.1855	459.58	-0.216	248.9	-0.5912
459.75	-0.154	226	-0.1864	459.67	-0.218	248.9	-0.5929
459.83	-0.155	225.9	-0.1873	459.75	-0.219	248.8	-0.5947
459.92	-0.156	225.9	-0.1873	459.83	-0.22	248.7	-0.5956
460.00	-0.158	225.8	-0.1882	459.92	-0.221	248.6	-0.5974
460.08	-0.158	225.8	-0.1891	460.02	-0.223	248.6	-0.5983
460.17	-0.159	225.7	-0.1891	460.08	-0.224	248.3	-0.6
460.25	-0.159	225.7	-0.1891	460.17	-0.224	248.1	-0.6018
460.33	-0.159	225.6	-0.19	460.25	-0.226	248	-0.6027
460.42	-0.16	225.6	-0.1908	460.33	-0.225	248	-0.6036
460.50	-0.161	225.6	-0.1908	460.42	-0.226	247.9	-0.6045
460.58	-0.162	225.5	-0.1917	460.50	-0.226	247.9	-0.6054
460.67	-0.161	225.5	-0.1917	460.58	-0.227	247.7	-0.6063
460.77	-0.161	225.5	-0.1917	460.67	-0.227	247.7	-0.6071
460.83	-0.161	225.5	-0.1926	460.75	-0.226	247.5	-0.6071
460.92	-0.161	225.4	-0.1926	460.83	-0.227	246.9	-0.608
461.00	-0.162	225.4	-0.1926	460.92	-0.226	246.8	-0.608
461.08	-0.161	225.4	-0.1926	461.00	-0.227	246.7	-0.6089
461.17	-0.16	225.4	-0.1926	461.08	-0.226	246.7	-0.6089
461.25	-0.161	225.4	-0.1926	461.17	-0.225	246.6	-0.6089
461.33	-0.16	225.3	-0.1926	461.25	-0.225	246.6	-0.6098
461.42	-0.16	225.3	-0.1926	461.33	-0.224	246.5	-0.6098
461.50	-0.159	225.3	-0.1926	461.43	-0.223	246.5	-0.6098
461.58	-0.158	225.3	-0.1926	461.50	-0.222	246.5	-0.6098
461.67	-0.158	225.3	-0.1926	461.58	-0.221	246.4	-0.6098
461.75	-0.156	225.3	-0.1926	461.67	-0.22	246.4	-0.6098
461.83	-0.156	225.2	-0.1926	461.75	-0.219	246.4	-0.6089
461.92	-0.155	225.2	-0.1926	461.83	-0.217	246.4	-0.6089
462.00	-0.154	225.2	-0.1926	461.92	-0.215	246.4	-0.6089
462.08	-0.153	225.2	-0.1926	462.00	-0.213	246.4	-0.6089
462.17	-0.151	225.2	-0.1917	462.08	-0.212	246.4	-0.6089
462.27	-0.15	225.2	-0.1917	462.17	-0.21	246.4	-0.608
462.33	-0.149	225.2	-0.1917	462.25	-0.209	246.4	-0.608
462.42	-0.147	225.2	-0.1917	462.33	-0.207	246.4	-0.608
462.50	-0.143	225.2	-0.1908	462.42	-0.202	246.4	-0.6071
462.58	-0.144	225.2	-0.1908	462.50	-0.201	246.4	-0.6071
462.67	-0.142	225.2	-0.1908	462.58	-0.199	246.5	-0.6063
462.75	-0.142	225.3	-0.1908	462.67	-0.197	246.5	-0.6054
462.83	-0.137	225.3	-0.19	462.75	-0.192	246.6	-0.6045
462.92	-0.137	225.3	-0.19	462.83	-0.191	246.6	-0.6045
463.00	-0.136	225.3	-0.1891	462.93	-0.189	246.6	-0.6036
463.08	-0.133	225.3	-0.1891	463.00	-0.184	246.7	-0.6036
463.17	-0.13	225.3	-0.1891	463.08	-0.181	246.7	-0.6027
463.25	-0.126	225.4	-0.1882	463.17	-0.179	246.8	-0.6018
463.33	-0.126	225.4	-0.1873	463.25	-0.175	246.8	-0.6009
463.42	-0.122	225.4	-0.1873	463.33	-0.173	246.9	-0.6009
463.50	-0.121	225.4	-0.1864	463.42	-0.168	247	-0.6
463.58	-0.118	225.4	-0.1864	463.50	-0.165	247.1	-0.5992
463.68	-0.117	225.4	-0.1855	463.58	-0.162	247.1	-0.5983
463.75	-0.113	225.5	-0.1846	463.67	-0.158	247.2	-0.5974
463.83	-0.11	225.5	-0.1846	463.75	-0.156	247.2	-0.5965
463.92	-0.109	225.5	-0.1837	463.83	-0.151	247.3	-0.5956
464.00	-0.106	225.5	-0.1837	463.92	-0.147	247.4	-0.5947
464.08	-0.102	225.5	-0.1829	464.00	-0.141	247.5	-0.5929
464.17	-0.098	225.6	-0.182	464.08	-0.139	247.6	-0.5921
464.25	-0.098	225.6	-0.182	464.17	-0.135	247.7	-0.5912

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500	tensione di confinamento (kPa)				
deviatore ciclico (kPa)		270	deviatore ciclico (kPa)				
frequenza (hz)		0.0007143	frequenza (hz)				
tempo	cella di carico	u	LVDT	tempo	cella di carico	u	LVDT
(min)	kN	(kPa)	δ (mm)	(min)	kN	(kPa)	δ (mm)
0.00	0	257.3	-0.0009				
0.10	0.013	257.4	0				
0.17	0.017	257.4	0.0018				
0.25	0.025	257.5	0.0027				
0.33	0.032	257.6	0.0036				
0.42	0.037	257.7	0.0053				
0.50	0.042	257.8	0.0071				
0.58	0.05	258	0.0089				
0.67	0.059	258.3	0.0107				
0.75	0.064	258.4	0.0151				
0.83	0.07	258.6	0.0186				
0.92	0.078	258.8	0.0222				
1.00	0.083	259	0.0249				
1.08	0.088	259.2	0.0293				
1.17	0.091	259.4	0.032				
1.25	0.104	259.6	0.0373				
1.33	0.111	259.9	0.0408				
1.42	0.115	260.1	0.047				
1.52	0.124	260.4	0.0515				
1.58	0.129	260.5	0.0541				
1.67	0.136	260.9	0.0586				
1.75	0.14	261.1	0.0648				
1.83	0.147	261.3	0.0701				
1.92	0.154	261.6	0.0746				
2.00	0.157	261.8	0.079				
2.08	0.165	262	0.0834				
2.17	0.171	262.3	0.0879				
2.25	0.178	262.6	0.0923				
2.33	0.18	262.8	0.0985				
2.42	0.188	263.1	0.103				
2.50	0.193	263.3	0.1083				
2.58	0.195	263.5	0.1118				
2.67	0.203	263.7	0.1163				
2.75	0.21	264	0.1207				
2.83	0.215	264.3	0.1252				
2.93	0.217	264.5	0.1314				
3.00	0.221	264.7	0.1349				
3.08	0.228	265	0.1402				
3.17	0.233	265.3	0.1438				
3.25	0.236	265.5	0.1491				
3.33	0.242	265.7	0.1536				
3.42	0.246	265.9	0.1571				
3.50	0.248	266.1	0.1598				
3.58	0.253	266.3	0.1633				
3.67	0.259	266.5	0.1669				
3.75	0.262	266.8	0.1695				
3.83	0.264	267	0.174				
3.92	0.269	267.2	0.1775				
4.00	0.272	267.3	0.1802				
4.08	0.273	267.5	0.1829				
4.17	0.278	267.7	0.1864				
4.25	0.279	267.9	0.1891				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)			
deviatore ciclico (kPa)		270		deviatore ciclico (kPa)			
frequenza (hz)		0.0007143		frequenza (hz)			
4.33	0.284	268.1	0.1917				
4.43	0.285	268.3	0.1962				
4.50	0.287	268.5	0.1988				
4.58	0.292	268.6	0.2015				
4.67	0.293	268.9	0.2042				
4.75	0.296	269	0.2086				
4.83	0.297	269.2	0.2113				
4.92	0.299	269.3	0.213				
5.00	0.301	269.5	0.2157				
5.08	0.302	269.6	0.2184				
5.17	0.301	269.7	0.2201				
5.25	0.303	270	0.2219				
5.33	0.303	270.1	0.2255				
5.42	0.303	270.3	0.2263				
5.50	0.305	270.4	0.2281				
5.58	0.304	270.5	0.2299				
5.67	0.305	270.7	0.2317				
5.75	0.306	270.8	0.2326				
5.83	0.306	270.9	0.2343				
5.92	0.307	271	0.2352				
6.00	0.306	271.1	0.2361				
6.08	0.307	271.2	0.2379				
6.17	0.306	271.3	0.2379				
6.25	0.306	271.4	0.2388				
6.33	0.304	271.4	0.2397				
6.42	0.305	271.5	0.2406				
6.50	0.304	271.6	0.2406				
6.58	0.303	271.6	0.2406				
6.67	0.301	271.7	0.2406				
6.75	0.299	271.7	0.2406				
6.83	0.297	271.7	0.2406				
6.92	0.296	271.8	0.2406				
7.00	0.294	271.8	0.2406				
7.08	0.292	271.8	0.2406				
7.17	0.289	271.8	0.2406				
7.25	0.287	271.9	0.2397				
7.35	0.285	271.9	0.2397				
7.42	0.283	271.9	0.2397				
7.50	0.279	271.9	0.2388				
7.58	0.276	271.9	0.2388				
7.67	0.273	271.9	0.2379				
7.75	0.27	271.8	0.237				
7.83	0.265	271.8	0.237				
7.92	0.262	271.8	0.2361				
8.00	0.26	271.8	0.2361				
8.08	0.255	271.7	0.2352				
8.17	0.25	271.7	0.2343				
8.25	0.245	271.6	0.2343				
8.33	0.244	271.6	0.2334				
8.42	0.238	271.5	0.2326				
8.50	0.235	271.5	0.2317				
8.58	0.23	271.4	0.2308				
8.67	0.225	271.4	0.2299				
8.77	0.217	271.3	0.2281				
8.83	0.217	271.2	0.2281				
8.92	0.213	271.1	0.2272				
9.00	0.205	271	0.2255				
9.08	0.199	271	0.2246				
9.17	0.193	270.8	0.2228				
9.25	0.188	270.7	0.221				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)			
deviatore ciclico (kPa)		270		deviatore ciclico (kPa)			
frequenza (hz)		0.0007143		frequenza (hz)			
9.33	0.184	270.7	0.2201				
9.42	0.178	270.5	0.2192				
9.50	0.173	270.4	0.2175				
9.58	0.168	270.2	0.2166				
9.67	0.16	270.1	0.2148				
9.75	0.155	270	0.2139				
9.83	0.151	269.8	0.2113				
9.92	0.144	269.7	0.2095				
10.00	0.137	269.5	0.2077				
10.08	0.135	269.4	0.2068				
10.17	0.127	269.3	0.205				
10.27	0.12	269	0.2024				
10.33	0.112	268.9	0.2006				
10.42	0.108	268.8	0.1988				
10.50	0.102	268.6	0.1971				
10.58	0.094	268.4	0.1944				
10.67	0.086	268.1	0.1926				
10.75	0.082	268	0.19				
10.83	0.074	267.8	0.1873				
10.92	0.068	267.6	0.1846				
11.00	0.063	267.4	0.182				
11.08	0.058	267.2	0.1802				
11.17	0.047	267	0.1766				
11.25	0.039	266.6	0.174				
11.33	0.036	266.4	0.1704				
11.42	0.028	266.2	0.1669				
11.50	0.021	266	0.1633				
11.58	0.016	265.8	0.1607				
11.68	0.01	265.5	0.1562				
11.75	0	265.2	0.1527				
11.83	-0.006	265	0.15				
11.92	-0.009	264.7	0.1465				
12.00	-0.018	264.5	0.1429				
12.08	-0.027	264.2	0.1385				
12.17	-0.034	263.8	0.1349				
12.25	-0.039	263.6	0.1296				
12.33	-0.047	263.3	0.1252				
12.42	-0.053	263	0.1207				
12.50	-0.057	262.8	0.1172				
12.58	-0.064	262.5	0.1127				
12.67	-0.075	262.2	0.1092				
12.75	-0.081	261.7	0.1039				
12.83	-0.086	261.4	0.0968				
12.92	-0.092	261.2	0.0914				
13.00	-0.099	260.9	0.087				
13.08	-0.102	260.6	0.0817				
13.17	-0.11	260.2	0.0746				
13.25	-0.117	259.8	0.0692				
13.33	-0.123	259.5	0.0639				
13.42	-0.127	259.2	0.0586				
13.50	-0.134	258.9	0.0524				
13.58	-0.143	258.4	0.0462				
13.67	-0.148	258.1	0.0408				
13.75	-0.151	257.8	0.0328				
13.83	-0.158	257.5	0.0266				
13.92	-0.165	257.2	0.0204				
14.00	-0.167	256.9	0.0142				
14.08	-0.173	256.6	0.008				
14.17	-0.18	256.1	0.0009				
14.25	-0.186	255.8	-0.0053				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)			
deviatore ciclico (kPa)		270		deviatore ciclico (kPa)			
frequenza (hz)		0.0007143		frequenza (hz)			
14.33	-0.19	255.5	-0.0142				
14.42	-0.195	255.2	-0.0204				
14.50	-0.2	254.9	-0.0257				
14.60	-0.205	254.4	-0.0311				
14.67	-0.209	254.2	-0.0391				
14.75	-0.214	253.8	-0.0453				
14.83	-0.218	253.5	-0.0506				
14.92	-0.221	253.3	-0.0559				
15.00	-0.227	253	-0.0612				
15.08	-0.232	252.6	-0.0666				
15.17	-0.238	252.4	-0.0719				
15.25	-0.239	252.2	-0.0799				
15.33	-0.244	252.1	-0.0852				
15.42	-0.246	251.9	-0.0905				
15.50	-0.249	251.6	-0.0968				
15.58	-0.253	251.3	-0.103				
15.67	-0.257	251	-0.111				
15.75	-0.262	250.6	-0.1172				
15.83	-0.265	250.5	-0.1358				
15.92	-0.264	250.2	-0.1447				
16.00	-0.269	249.1	-0.1562				
16.08	-0.272	248.9	-0.1704				
16.17	-0.273	248.7	-0.1917				
16.25	-0.275	248.5	-0.2121				
16.33	-0.278	248.3	-0.237				
16.42	-0.279	247.9	-0.2663				
16.50	-0.281	247.6	-0.2982				
16.58	-0.284	246.5	-0.3373				
16.67	-0.285	246	-0.3781				
16.75	-0.285	245.8	-0.4447				
16.83	-0.287	245.6	-0.4926				
16.92	-0.288	245.4	-0.5441				
17.00	-0.289	245	-0.5974				
17.08	-0.289	244.7	-0.6471				
17.17	-0.291	243.5	-0.6959				
17.25	-0.29	243.3	-0.743				
17.33	-0.291	243	-0.8033				
17.42	-0.29	242.7	-0.8397				
17.52	-0.29	242.2	-0.8788				
17.58	-0.291	242	-0.9116				
17.67	-0.29	241.8	-0.9507				
17.75	-0.29	241.6	-0.9729				
17.83	-0.29	241.4	-0.9915				
17.92	-0.289	241.2	-1.0057				
18.00	-0.288	241.1	-1.0181				
18.08	-0.287	240.9	-1.0279				
18.17	-0.287	240.8	-1.0368				
18.25	-0.285	240.8	-1.0474				
18.33	-0.284	240.7	-1.0519				
18.42	-0.282	240.5	-1.0545				
18.50	-0.281	240.4	-1.0572				
18.58	-0.279	240.4	-1.059				
18.67	-0.276	240.4	-1.0607				
18.75	-0.274	240.4	-1.0616				
18.83	-0.272	240.4	-1.0616				
18.93	-0.27	240.4	-1.0616				
19.00	-0.267	240.4	-1.0616				
19.08	-0.264	240.5	-1.0616				
19.17	-0.262	240.5	-1.0607				
19.25	-0.259	240.5	-1.0607				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
19.33	-0.256	240.5	-1.0598	
19.42	-0.253	240.6	-1.059	
19.50	-0.249	240.6	-1.0581	
19.58	-0.245	240.7	-1.0581	
19.67	-0.241	240.8	-1.0572	
19.75	-0.238	240.9	-1.0554	
19.83	-0.235	240.9	-1.0545	
19.92	-0.231	241.1	-1.0536	
20.00	-0.227	241.1	-1.0527	
20.08	-0.223	241.3	-1.0519	
20.17	-0.217	241.4	-1.0501	
20.25	-0.213	241.5	-1.0492	
20.33	-0.21	241.6	-1.0474	
20.43	-0.207	241.7	-1.0465	
20.50	-0.198	241.9	-1.0439	
20.58	-0.195	242	-1.043	
20.67	-0.192	242.2	-1.0412	
20.75	-0.186	242.4	-1.0394	
20.83	-0.181	242.6	-1.0377	
20.92	-0.179	242.7	-1.0359	
21.00	-0.171	243	-1.0341	
21.08	-0.164	243.2	-1.0314	
21.17	-0.158	243.4	-1.0306	
21.25	-0.154	243.6	-1.027	
21.33	-0.146	243.8	-1.0252	
21.42	-0.143	244	-1.0234	
21.50	-0.138	244.2	-1.0208	
21.58	-0.131	244.5	-1.0181	
21.67	-0.123	244.9	-1.0155	
21.75	-0.118	245.1	-1.0137	
21.85	-0.114	245.3	-1.0101	
21.92	-0.108	245.6	-1.0075	
22.00	-0.097	246	-1.0039	
22.08	-0.094	246.2	-1.0021	
22.17	-0.088	246.5	-0.9968	
22.25	-0.08	246.8	-0.9933	
22.33	-0.076	247.1	-0.9906	
22.42	-0.07	247.4	-0.9871	
22.50	-0.063	247.7	-0.9835	
22.58	-0.055	248.1	-0.98	
22.67	-0.048	248.4	-0.9764	
22.75	-0.043	248.7	-0.9702	
22.83	-0.038	249	-0.9666	
22.92	-0.029	249.3	-0.9622	
23.00	-0.024	249.6	-0.9587	
23.08	-0.017	249.9	-0.9542	
23.17	-0.008	250.4	-0.9498	
23.25	-0.001	250.7	-0.9453	
23.33	0	251	-0.9391	
23.42	0.011	251.3	-0.9347	
23.50	0.02	251.8	-0.9294	
23.58	0.025	252.1	-0.9249	
23.67	0.03	252.5	-0.9169	
23.75	0.038	252.8	-0.9098	
23.83	0.044	253.2	-0.9045	
23.92	0.049	253.5	-0.8992	
24.00	0.057	253.9	-0.893	
24.08	0.066	254.5	-0.8868	
24.17	0.072	254.8	-0.8805	
24.25	0.076	255.2	-0.8717	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)			
deviatore ciclico (kPa)		270		deviatore ciclico (kPa)			
frequenza (hz)		0.0007143		frequenza (hz)			
24.33	0.084	255.5	-0.8646				
24.42	0.09	255.9	-0.8575				
24.50	0.094	256.2	-0.8512				
24.58	0.099	256.6	-0.8441				
24.67	0.112	257.2	-0.8353				
24.77	0.114	257.5	-0.8255				
24.83	0.119	257.8	-0.8184				
24.92	0.127	258.2	-0.8095				
25.00	0.136	258.7	-0.8015				
25.08	0.141	259.1	-0.7944				
25.17	0.145	259.4	-0.7811				
25.25	0.152	259.8	-0.7714				
25.33	0.158	260.1	-0.7607				
25.42	0.163	260.5	-0.7518				
25.50	0.168	260.9	-0.7412				
25.58	0.175	261.5	-0.735				
25.67	0.179	261.9	-0.7234				
25.75	0.184	262.3	-0.7048				
25.83	0.19	262.6	-0.6915				
25.92	0.197	263	-0.6782				
26.00	0.196	263.3	-0.6684				
26.08	0.205	263.7	-0.6542				
26.17	0.21	264.2	-0.64				
26.25	0.213	264.6	-0.6178				
26.33	0.216	264.9	-0.6063				
26.42	0.221	265.3	-0.5929				
26.50	0.23	265.9	-0.577				
26.58	0.233	266.2	-0.5583				
26.67	0.235	266.5	-0.5335				
26.75	0.243	266.9	-0.5157				
26.83	0.244	267.2	-0.4997				
26.92	0.249	267.6	-0.4811				
27.00	0.251	267.9	-0.4633				
27.08	0.259	268.4	-0.4456				
27.17	0.261	268.7	-0.4278				
27.25	0.264	269.1	-0.4003				
27.33	0.267	269.4	-0.3808				
27.42	0.271	269.7	-0.3639				
27.50	0.274	270	-0.3471				
27.58	0.277	270.4	-0.3311				
27.68	0.279	270.9	-0.3107				
27.75	0.283	271.2	-0.2956				
27.83	0.285	271.4	-0.2814				
27.92	0.288	271.7	-0.2663				
28.00	0.291	272.1	-0.253				
28.08	0.292	272.4	-0.2343				
28.17	0.294	272.7	-0.221				
28.25	0.296	272.9	-0.2086				
28.33	0.298	273.2	-0.1979				
28.42	0.299	273.4	-0.1873				
28.50	0.301	273.6	-0.1775				
28.58	0.302	274	-0.1687				
28.67	0.303	274.2	-0.1562				
28.75	0.304	274.4	-0.1482				
28.83	0.305	274.6	-0.1411				
28.92	0.306	274.7	-0.1349				
29.00	0.307	275	-0.1296				
29.10	0.306	275.2	-0.1216				
29.17	0.308	275.4	-0.1172				
29.25	0.306	275.6	-0.1136				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)		500		tensione di confinamento (kPa)			
deviatore ciclico (kPa)		270		deviatore ciclico (kPa)			
frequenza (hz)		0.0007143		frequenza (hz)			
29.33	0.308	275.7	-0.1092				
29.42	0.308	275.9	-0.1056				
29.50	0.307	276.1	-0.1039				
29.58	0.305	276.2	-0.1003				
29.67	0.304	276.3	-0.0985				
29.75	0.304	276.5	-0.0968				
29.83	0.303	276.6	-0.0959				
29.92	0.302	276.7	-0.095				
30.00	0.301	276.8	-0.0941				
30.08	0.298	276.9	-0.0941				
30.17	0.297	277	-0.0932				
30.25	0.296	277.1	-0.0932				
30.33	0.293	277.1	-0.0932				
30.42	0.291	277.2	-0.0932				
30.50	0.29	277.2	-0.0932				
30.60	0.287	277.3	-0.0932				
30.67	0.284	277.4	-0.0941				
30.75	0.281	277.4	-0.0941				
30.83	0.28	277.4	-0.0941				
30.92	0.275	277.5	-0.095				
31.00	0.271	277.5	-0.095				
31.08	0.27	277.5	-0.0959				
31.17	0.267	277.5	-0.0959				
31.25	0.264	277.5	-0.0968				
31.33	0.261	277.5	-0.0976				
31.42	0.256	277.5	-0.0976				
31.50	0.25	277.5	-0.0985				
31.58	0.245	277.5	-0.0994				
31.67	0.24	277.5	-0.1012				
31.75	0.236	277.5	-0.1012				
31.83	0.232	277.5	-0.1021				
31.92	0.226	277.4	-0.103				
32.02	0.224	277.4	-0.1039				
32.08	0.219	277.3	-0.1047				
32.17	0.214	277.3	-0.1065				
32.25	0.21	277.2	-0.1074				
32.33	0.205	277.1	-0.1083				
32.42	0.2	277.1	-0.1092				
32.50	0.192	277	-0.1101				
32.58	0.19	276.9	-0.1118				
32.67	0.184	276.8	-0.1127				
32.75	0.178	276.7	-0.1145				
32.83	0.174	276.6	-0.1163				
32.92	0.168	276.5	-0.1172				
33.00	0.162	276.4	-0.1181				
33.08	0.153	276.2	-0.1198				
33.17	0.148	276.1	-0.1225				
33.25	0.143	276	-0.1234				
33.33	0.135	275.9	-0.126				
33.42	0.132	275.8	-0.1278				
33.52	0.126	275.6	-0.1296				
33.58	0.121	275.4	-0.1314				
33.67	0.111	275.3	-0.134				
33.75	0.107	275.1	-0.1367				
33.83	0.105	275	-0.1376				
33.92	0.091	274.8	-0.1402				
34.00	0.086	274.6	-0.142				
34.08	0.081	274.4	-0.1465				
34.17	0.077	274.2	-0.1491				
34.25	0.067	274	-0.1518				

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
34.33	0.065	273.9	-0.1544	
34.42	0.057	273.7	-0.1571	
34.50	0.047	273.4	-0.1607	
34.58	0.036	273.1	-0.1633	
34.67	0.032	272.9	-0.1687	
34.75	0.028	272.7	-0.1713	
34.83	0.018	272.5	-0.1749	
34.93	0.011	272.2	-0.1775	
35.00	0.008	271.9	-0.1829	
35.08	0.001	271.7	-0.1864	
35.17	-0.008	271.5	-0.19	
35.25	-0.008	271.2	-0.1935	
35.33	-0.017	271	-0.1988	
35.42	-0.026	270.7	-0.2033	
35.50	-0.038	270.2	-0.2068	
35.58	-0.037	270	-0.213	
35.67	-0.045	269.7	-0.2184	
35.75	-0.053	269.4	-0.2237	
35.83	-0.06	269.1	-0.229	
35.92	-0.063	268.9	-0.2343	
36.00	-0.074	268.6	-0.2388	
36.08	-0.079	268.2	-0.2441	
36.17	-0.085	267.9	-0.253	
36.25	-0.092	267.6	-0.2592	
36.33	-0.1	267.2	-0.2663	
36.42	-0.108	266.8	-0.2707	
36.50	-0.108	266.6	-0.2805	
36.58	-0.115	266.2	-0.2876	
36.67	-0.124	265.9	-0.2947	
36.75	-0.127	265.6	-0.3009	
36.83	-0.132	265.3	-0.308	
36.92	-0.141	264.9	-0.3178	
37.00	-0.148	264.5	-0.3249	
37.08	-0.151	264.2	-0.3373	
37.17	-0.156	263.8	-0.3444	
37.25	-0.164	263.5	-0.3542	
37.33	-0.167	263.2	-0.3639	
37.42	-0.171	262.9	-0.3746	
37.50	-0.18	262.5	-0.3861	
37.58	-0.186	261.9	-0.3977	
37.67	-0.188	261.6	-0.4172	
37.75	-0.195	261.2	-0.4323	
37.85	-0.199	261	-0.4447	
37.92	-0.206	260.5	-0.4598	
38.00	-0.207	260.1	-0.4864	
38.08	-0.212	259.8	-0.5051	
38.17	-0.219	259.5	-0.5273	
38.25	-0.22	259.3	-0.5459	
38.33	-0.225	259	-0.5672	
38.42	-0.23	258.8	-0.5894	
38.50	-0.235	258.5	-0.6116	
38.58	-0.237	258	-0.648	
38.67	-0.241	257.7	-0.6728	
38.75	-0.245	257.5	-0.7003	
38.83	-0.248	257	-0.7252	
38.92	-0.251	256.8	-0.7492	
39.00	-0.255	256.3	-0.7722	
39.08	-0.26	255.3	-0.7944	
39.17	-0.261	255.1	-0.8308	
39.27	-0.264	254.8	-0.8539	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
39.33	-0.266	254.5	-0.8726
39.42	-0.27	254.1	-0.893
39.50	-0.271	253.6	-0.9231
39.58	-0.273	252.7	-0.9418
39.67	-0.275	252.5	-0.9604
39.75	-0.278	252.3	-0.9782
39.83	-0.279	252.1	-0.9942
39.92	-0.281	251.9	-1.011
40.00	-0.283	251.4	-1.0261
40.08	-0.284	251.2	-1.0519
40.17	-0.285	250.9	-1.0687
40.25	-0.286	250.2	-1.0838
40.33	-0.287	249.8	-1.0998
40.42	-0.288	249.5	-1.1149
40.50	-0.289	249.2	-1.1291
40.58	-0.289	248.9	-1.1433
40.67	-0.29	248.7	-1.1628
40.77	-0.29	248.5	-1.1752
40.83	-0.29	248.3	-1.1859
40.92	-0.289	248	-1.1957
41.00	-0.29	247.8	-1.2081
41.08	-0.29	247.7	-1.2152
41.17	-0.288	247.6	-1.2214
41.25	-0.288	247.4	-1.2267
41.33	-0.288	247.3	-1.232
41.42	-0.286	247.2	-1.2356
41.50	-0.284	247.1	-1.2383
41.58	-0.284	247	-1.2418
41.67	-0.282	246.9	-1.2436
41.75	-0.28	246.9	-1.2445
41.83	-0.28	246.8	-1.2454
41.92	-0.278	246.8	-1.2454
42.00	-0.276	246.7	-1.2462
42.08	-0.273	246.7	-1.2462
42.18	-0.272	246.7	-1.2462
42.25	-0.27	246.7	-1.2462
42.33	-0.268	246.7	-1.2454
42.42	-0.266	246.8	-1.2454
42.50	-0.261	246.8	-1.2445
42.58	-0.258	246.8	-1.2436
42.67	-0.257	246.8	-1.2436
42.75	-0.253	246.9	-1.2427
42.83	-0.25	246.9	-1.2418
42.92	-0.245	247	-1.2409
43.00	-0.241	247.1	-1.24
43.08	-0.238	247.2	-1.2391
43.17	-0.235	247.3	-1.2383
43.25	-0.229	247.4	-1.2365
43.33	-0.228	247.5	-1.2356
43.42	-0.224	247.6	-1.2347
43.50	-0.218	247.7	-1.2338
43.58	-0.212	247.9	-1.232
43.68	-0.211	248	-1.2312
43.75	-0.207	248.1	-1.2294
43.83	-0.199	248.2	-1.2276
43.92	-0.193	248.4	-1.2267
44.00	-0.191	248.6	-1.2241
44.08	-0.186	248.7	-1.2223
44.17	-0.179	248.9	-1.2205
44.25	-0.176	249	-1.2187

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
44.33	-0.171	249.1	-1.217	
44.42	-0.164	249.3	-1.2152	
44.50	-0.156	249.5	-1.2134	
44.58	-0.153	249.8	-1.2099	
44.67	-0.148	250	-1.2081	
44.75	-0.141	250.2	-1.2054	
44.83	-0.139	250.4	-1.2036	
44.92	-0.133	250.6	-1.201	
45.00	-0.124	250.9	-1.1983	
45.10	-0.119	251.2	-1.1948	
45.17	-0.114	251.4	-1.1921	
45.25	-0.108	251.7	-1.1894	
45.33	-0.1	251.9	-1.1868	
45.42	-0.092	252.3	-1.1832	
45.50	-0.088	252.6	-1.1788	
45.58	-0.082	252.9	-1.1761	
45.67	-0.074	253.1	-1.1717	
45.75	-0.071	253.4	-1.169	
45.83	-0.064	253.7	-1.1655	
45.92	-0.055	254.1	-1.161	
46.00	-0.043	254.6	-1.1575	
46.08	-0.043	254.8	-1.1522	
46.17	-0.037	255.1	-1.1477	
46.25	-0.027	255.4	-1.1433	
46.33	-0.025	255.7	-1.1388	
46.42	-0.017	256	-1.1344	
46.50	-0.008	256.4	-1.1291	
46.58	0	256.8	-1.1229	
46.67	0.002	257.1	-1.1184	
46.75	0.008	257.5	-1.1131	
46.83	0.018	257.8	-1.1078	
46.92	0.027	258.3	-1.1033	
47.00	0.03	258.6	-1.0953	
47.08	0.036	258.9	-1.09	
47.17	0.046	259.3	-1.0829	
47.25	0.049	259.6	-1.0776	
47.33	0.056	260	-1.0714	
47.42	0.064	260.4	-1.0643	
47.50	0.069	260.8	-1.0581	
47.58	0.076	261.2	-1.0483	
47.67	0.083	261.5	-1.0412	
47.75	0.092	262	-1.0332	
47.83	0.091	262.3	-1.0279	
47.92	0.101	262.7	-1.0208	
48.02	0.107	263.3	-1.011	
48.08	0.114	263.6	-1.0021	
48.17	0.119	264	-0.9933	
48.25	0.127	264.4	-0.9835	
48.33	0.133	264.7	-0.9755	
48.42	0.142	265.2	-0.9649	
48.50	0.144	265.6	-0.948	
48.58	0.15	266	-0.9365	
48.67	0.155	266.3	-0.9258	
48.75	0.159	266.7	-0.9152	
48.83	0.166	267.1	-0.8992	
48.92	0.177	267.4	-0.8841	
49.00	0.18	268	-0.8717	
49.08	0.184	268.3	-0.8486	
49.17	0.19	268.7	-0.8326	
49.25	0.195	269.1	-0.8149	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
49.33	0.199	269.4	-0.7989
49.43	0.205	270	-0.7722
49.50	0.21	270.3	-0.7554
49.58	0.215	270.8	-0.735
49.67	0.22	271.1	-0.7163
49.75	0.225	271.5	-0.6959
49.83	0.231	271.8	-0.6737
49.92	0.235	272.4	-0.6515
50.00	0.238	272.7	-0.6222
50.08	0.243	273.1	-0.6
50.17	0.247	273.4	-0.5805
50.25	0.25	273.7	-0.5619
50.33	0.254	274.1	-0.5397
50.42	0.26	274.4	-0.5202
50.50	0.263	274.9	-0.5015
50.58	0.266	275.2	-0.4731
50.67	0.271	275.6	-0.4518
50.75	0.273	275.9	-0.4367
50.83	0.275	276.2	-0.4207
50.93	0.279	276.6	-0.3968
51.00	0.281	276.9	-0.3817
51.08	0.283	277.2	-0.3675
51.17	0.286	277.5	-0.3524
51.25	0.289	277.7	-0.3382
51.33	0.292	278	-0.324
51.42	0.293	278.4	-0.3116
51.50	0.295	278.7	-0.2929
51.58	0.298	278.9	-0.2814
51.67	0.299	279.2	-0.2716
51.75	0.299	279.4	-0.2619
51.83	0.302	279.7	-0.2521
51.92	0.302	279.9	-0.2432
52.00	0.304	280.2	-0.2352
52.08	0.305	280.4	-0.2228
52.17	0.306	280.6	-0.2157
52.25	0.306	280.8	-0.2104
52.35	0.307	281	-0.2042
52.42	0.307	281.2	-0.1971
52.50	0.307	281.4	-0.1926
52.58	0.307	281.5	-0.1891
52.67	0.307	281.7	-0.1855
52.75	0.307	281.8	-0.182
52.83	0.306	282	-0.1802
52.92	0.306	282.2	-0.1775
53.00	0.305	282.3	-0.1758
53.08	0.304	282.4	-0.174
53.17	0.301	282.6	-0.174
53.25	0.3	282.7	-0.1731
53.33	0.3	282.8	-0.1731
53.42	0.294	282.9	-0.1731
53.50	0.296	283	-0.1731
53.58	0.293	283.1	-0.1722
53.67	0.292	283.2	-0.1731
53.75	0.289	283.3	-0.1731
53.85	0.288	283.3	-0.1731
53.92	0.286	283.4	-0.1731
54.00	0.282	283.4	-0.1731
54.08	0.279	283.4	-0.174
54.17	0.278	283.5	-0.174
54.25	0.273	283.5	-0.1749

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
54.33	0.27	283.5	-0.1749	
54.42	0.266	283.5	-0.1758	
54.50	0.263	283.6	-0.1766	
54.58	0.26	283.6	-0.1766	
54.67	0.257	283.6	-0.1775	
54.75	0.253	283.6	-0.1784	
54.83	0.249	283.6	-0.1784	
54.92	0.245	283.5	-0.1793	
55.00	0.238	283.5	-0.1802	
55.08	0.237	283.5	-0.1811	
55.17	0.233	283.5	-0.182	
55.27	0.226	283.4	-0.1829	
55.33	0.222	283.4	-0.1837	
55.42	0.218	283.3	-0.1855	
55.50	0.214	283.3	-0.1864	
55.58	0.209	283.2	-0.1873	
55.67	0.207	283.1	-0.1882	
55.75	0.2	283.1	-0.1891	
55.83	0.192	282.9	-0.1908	
55.92	0.187	282.8	-0.1917	
56.00	0.183	282.8	-0.1935	
56.08	0.178	282.7	-0.1953	
56.17	0.172	282.6	-0.1962	
56.25	0.168	282.5	-0.1979	
56.33	0.162	282.4	-0.1997	
56.42	0.153	282.2	-0.2015	
56.50	0.146	282.1	-0.2024	
56.58	0.142	281.9	-0.2059	
56.67	0.138	281.8	-0.2077	
56.75	0.13	281.6	-0.2086	
56.83	0.123	281.5	-0.2104	
56.92	0.118	281.3	-0.2139	
57.00	0.112	281.2	-0.2157	
57.08	0.106	281	-0.2184	
57.17	0.104	280.9	-0.2201	
57.25	0.094	280.7	-0.2228	
57.33	0.087	280.5	-0.2246	
57.42	0.077	280.2	-0.2281	
57.50	0.076	280.1	-0.2326	
57.58	0.069	279.9	-0.2352	
57.67	0.062	279.7	-0.2379	
57.75	0.056	279.5	-0.2414	
57.83	0.047	279.3	-0.245	
57.92	0.037	278.9	-0.2477	
58.00	0.034	278.7	-0.2503	
58.08	0.031	278.5	-0.2556	
58.18	0.022	278.3	-0.2592	
58.25	0.013	277.9	-0.2619	
58.33	0.005	277.7	-0.2654	
58.42	0.004	277.5	-0.2707	
58.50	-0.009	277.2	-0.2769	
58.58	-0.014	277	-0.2814	
58.67	-0.017	276.7	-0.2849	
58.75	-0.026	276.4	-0.2894	
58.83	-0.031	276.1	-0.2938	
58.92	-0.042	275.7	-0.2991	
59.00	-0.046	275.5	-0.3062	
59.08	-0.054	275.2	-0.3116	
59.17	-0.056	274.9	-0.316	
59.25	-0.063	274.7	-0.3213	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
59.33	-0.071	274.4	-0.3275	
59.42	-0.079	274	-0.3338	
59.50	-0.087	273.6	-0.3409	
59.60	-0.092	273.3	-0.3497	
59.67	-0.099	273.1	-0.3551	
59.75	-0.105	272.6	-0.3613	
59.83	-0.108	272.4	-0.3675	
59.92	-0.115	272	-0.379	
60.00	-0.122	271.7	-0.3861	
60.08	-0.127	271.4	-0.3941	
60.17	-0.133	271.1	-0.4039	
60.25	-0.14	270.8	-0.4119	
60.33	-0.147	270.3	-0.4207	
60.42	-0.153	270	-0.4305	
60.50	-0.157	269.7	-0.4474	
60.58	-0.162	269.5	-0.4598	
60.67	-0.168	269.3	-0.4722	
60.75	-0.171	269	-0.4847	
60.83	-0.178	268.9	-0.4989	
60.92	-0.185	268.2	-0.5148	
61.00	-0.191	268	-0.5326	
61.10	-0.194	267.7	-0.561	
61.17	-0.198	267.3	-0.5752	
61.25	-0.205	266.9	-0.5938	
61.33	-0.209	266.4	-0.6142	
61.42	-0.212	266.1	-0.6471	
61.50	-0.218	265.2	-0.6737	
61.58	-0.221	264.8	-0.6977	
61.67	-0.223	264.5	-0.7252	
61.75	-0.229	264.1	-0.7554	
61.83	-0.233	263.6	-0.7776	
61.92	-0.237	263	-0.8007	
62.00	-0.24	262.7	-0.8379	
62.08	-0.245	262.4	-0.8637	
62.17	-0.248	262.2	-0.8876	
62.25	-0.25	261.8	-0.9116	
62.33	-0.254	261.3	-0.9373	
62.42	-0.257	260.9	-0.9604	
62.52	-0.26	260	-0.995	
62.58	-0.262	259.6	-1.0137	
62.67	-0.265	259.2	-1.0341	
62.75	-0.27	258.7	-1.0527	
62.83	-0.271	258.4	-1.0732	
62.92	-0.272	258	-1.1016	
63.00	-0.274	257.6	-1.1193	
63.08	-0.278	257.2	-1.1415	
63.17	-0.278	256.9	-1.1566	
63.25	-0.281	256.6	-1.1717	
63.33	-0.281	256.2	-1.1859	
63.42	-0.284	255.9	-1.1992	
63.50	-0.285	255.6	-1.2187	
63.58	-0.287	255.3	-1.232	
63.67	-0.289	255	-1.2489	
63.75	-0.287	254.7	-1.2569	
63.83	-0.288	254.5	-1.2667	
63.92	-0.289	254	-1.2747	
64.02	-0.289	253.8	-1.2889	
64.08	-0.288	253.6	-1.296	
64.17	-0.29	253.4	-1.3039	
64.25	-0.291	253.1	-1.3102	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
64.33	-0.289	252.9	-1.3173
64.42	-0.288	252.8	-1.3244
64.50	-0.288	252.7	-1.3288
64.58	-0.287	252.5	-1.3332
64.67	-0.286	252.4	-1.3359
64.75	-0.286	252.3	-1.3386
64.83	-0.284	252.2	-1.3412
64.92	-0.284	252.1	-1.3421
65.00	-0.282	252	-1.3439
65.08	-0.281	252	-1.3448
65.17	-0.279	251.9	-1.3457
65.25	-0.278	251.9	-1.3457
65.33	-0.276	251.9	-1.3457
65.43	-0.273	251.8	-1.3457
65.50	-0.272	251.8	-1.3457
65.58	-0.27	251.8	-1.3457
65.67	-0.267	251.8	-1.3448
65.75	-0.263	251.8	-1.3448
65.83	-0.261	251.8	-1.3439
65.92	-0.258	251.9	-1.343
66.00	-0.256	251.9	-1.343
66.08	-0.251	252	-1.3412
66.17	-0.25	252	-1.3412
66.25	-0.246	252.1	-1.3403
66.33	-0.24	252.2	-1.3395
66.42	-0.237	252.2	-1.3386
66.50	-0.235	252.3	-1.3377
66.58	-0.229	252.4	-1.3359
66.67	-0.227	252.5	-1.335
66.75	-0.223	252.6	-1.3341
66.83	-0.218	252.7	-1.3332
66.92	-0.212	252.9	-1.3315
67.00	-0.211	253	-1.3306
67.08	-0.207	253.1	-1.3288
67.17	-0.2	253.4	-1.327
67.25	-0.194	253.6	-1.3261
67.33	-0.189	253.7	-1.3235
67.42	-0.186	253.9	-1.3217
67.50	-0.179	254.1	-1.3199
67.58	-0.176	254.3	-1.3181
67.67	-0.172	254.5	-1.3164
67.75	-0.164	254.7	-1.3146
67.83	-0.157	255	-1.3128
67.92	-0.153	255.1	-1.3093
68.00	-0.148	255.3	-1.3075
68.08	-0.139	255.6	-1.3048
68.17	-0.137	255.7	-1.3031
68.25	-0.131	255.9	-1.2995
68.35	-0.124	256.2	-1.2968
68.42	-0.117	256.4	-1.2942
68.50	-0.113	256.6	-1.2915
68.58	-0.108	256.8	-1.288
68.67	-0.1	257.1	-1.2853
68.75	-0.093	257.5	-1.2826
68.83	-0.087	257.7	-1.2773
68.92	-0.079	258	-1.2738
69.00	-0.073	258.3	-1.2711
69.08	-0.071	258.6	-1.2684
69.17	-0.067	258.9	-1.2649
69.25	-0.055	259.2	-1.2604

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
69.33	-0.047	259.6	-1.256	
69.42	-0.041	259.9	-1.2507	
69.50	-0.036	260.2	-1.2462	
69.58	-0.029	260.5	-1.2427	
69.67	-0.024	260.8	-1.2383	
69.77	-0.014	261.3	-1.232	
69.83	-0.012	261.5	-1.2285	
69.92	-0.001	261.9	-1.2223	
70.00	0.002	262.3	-1.2178	
70.08	0.008	262.6	-1.2134	
70.17	0.019	263	-1.2072	
70.25	0.027	263.5	-1.2028	
70.33	0.03	263.8	-1.1939	
70.42	0.036	264.1	-1.1877	
70.50	0.044	264.5	-1.1814	
70.58	0.049	264.8	-1.1752	
70.67	0.055	265.2	-1.169	
70.75	0.064	265.5	-1.161	
70.83	0.07	266	-1.1548	
70.92	0.075	266.3	-1.1451	
71.00	0.082	266.7	-1.1362	
71.08	0.091	267.1	-1.1264	
71.17	0.097	267.5	-1.1175	
71.27	0.103	268	-1.106	
71.33	0.11	268.4	-1.098	
71.42	0.119	268.7	-1.0882	
71.50	0.12	269.1	-1.0794	
71.58	0.126	269.4	-1.0687	
71.67	0.135	269.8	-1.059	
71.75	0.142	270.4	-1.0483	
71.83	0.144	270.8	-1.0297	
71.92	0.15	271.1	-1.0181	
72.00	0.159	271.5	-1.003	
72.08	0.162	271.9	-0.9888	
72.17	0.167	272.3	-0.9746	
72.25	0.175	272.7	-0.9578	
72.33	0.182	273.2	-0.94	
72.42	0.186	273.6	-0.9134	
72.50	0.19	274	-0.8939	
72.58	0.197	274.3	-0.8743	
72.68	0.203	274.9	-0.8548	
72.75	0.206	275.2	-0.8291	
72.83	0.211	275.6	-0.806	
72.92	0.217	276	-0.7856	
73.00	0.219	276.3	-0.766	
73.08	0.224	276.7	-0.7438	
73.17	0.23	277	-0.7217	
73.25	0.235	277.6	-0.6977	
73.33	0.238	277.9	-0.6666	
73.42	0.242	278.2	-0.6453	
73.50	0.248	278.6	-0.6213	
73.58	0.25	278.9	-0.6	
73.67	0.255	279.3	-0.5805	
73.75	0.26	279.7	-0.5645	
73.83	0.263	280.1	-0.5459	
73.92	0.265	280.5	-0.5157	
74.00	0.269	280.8	-0.4944	
74.08	0.272	281.1	-0.4758	
74.18	0.275	281.5	-0.4598	
74.25	0.277	281.8	-0.4376	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
74.33	0.28	282.1	-0.4261	
74.42	0.28	282.4	-0.4163	
74.50	0.282	282.7	-0.4048	
74.58	0.284	283	-0.3923	
74.67	0.288	283.3	-0.379	
74.75	0.291	283.6	-0.3675	
74.83	0.292	283.9	-0.3488	
74.92	0.295	284.1	-0.3373	
75.00	0.295	284.3	-0.3267	
75.08	0.299	284.6	-0.316	
75.17	0.299	284.8	-0.3062	
75.25	0.302	285	-0.2965	
75.33	0.301	285.3	-0.2876	
75.42	0.304	285.5	-0.2769	
75.50	0.304	285.7	-0.2698	
75.60	0.305	285.8	-0.2636	
75.67	0.305	286.1	-0.2583	
75.75	0.306	286.3	-0.2512	
75.83	0.306	286.4	-0.2477	
75.92	0.306	286.6	-0.2432	
76.00	0.307	286.7	-0.2397	
76.08	0.307	286.9	-0.237	
76.17	0.305	287	-0.2343	
76.25	0.304	287.2	-0.2326	
76.33	0.304	287.3	-0.229	
76.42	0.303	287.4	-0.2281	
76.50	0.302	287.5	-0.2272	
76.58	0.301	287.7	-0.2263	
76.67	0.3	287.8	-0.2255	
76.75	0.298	287.8	-0.2255	
76.83	0.296	288	-0.2255	
76.92	0.295	288	-0.2246	
77.00	0.293	288.1	-0.2246	
77.08	0.291	288.1	-0.2255	
77.17	0.289	288.2	-0.2255	
77.25	0.285	288.3	-0.2255	
77.33	0.284	288.3	-0.2255	
77.42	0.28	288.3	-0.2263	
77.50	0.279	288.4	-0.2263	
77.58	0.275	288.4	-0.2272	
77.67	0.272	288.4	-0.2272	
77.75	0.267	288.4	-0.2281	
77.83	0.266	288.4	-0.2281	
77.92	0.262	288.4	-0.229	
78.00	0.258	288.4	-0.2299	
78.08	0.255	288.4	-0.2299	
78.17	0.251	288.4	-0.2317	
78.25	0.244	288.4	-0.2326	
78.33	0.241	288.4	-0.2334	
78.42	0.237	288.3	-0.2343	
78.52	0.234	288.3	-0.2352	
78.58	0.23	288.3	-0.2361	
78.67	0.224	288.2	-0.237	
78.75	0.22	288.1	-0.2379	
78.83	0.214	288.1	-0.2397	
78.92	0.209	288	-0.2406	
79.00	0.204	287.9	-0.2414	
79.08	0.199	287.9	-0.2432	
79.17	0.194	287.8	-0.2432	
79.25	0.187	287.7	-0.245	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
79.33	0.185	287.6	-0.2468	
79.42	0.178	287.5	-0.2485	
79.50	0.171	287.3	-0.2503	
79.58	0.169	287.2	-0.2512	
79.67	0.161	287.1	-0.2539	
79.75	0.153	287	-0.2548	
79.83	0.148	286.8	-0.2565	
79.93	0.144	286.7	-0.2592	
80.00	0.141	286.6	-0.2601	
80.08	0.131	286.4	-0.2627	
80.17	0.123	286.2	-0.2645	
80.25	0.121	286.1	-0.2672	
80.33	0.11	285.9	-0.2698	
80.42	0.103	285.7	-0.2716	
80.50	0.101	285.6	-0.2743	
80.58	0.097	285.4	-0.2761	
80.67	0.086	285.2	-0.2796	
80.75	0.078	285	-0.2823	
80.83	0.075	284.8	-0.2858	
80.92	0.069	284.6	-0.2885	
81.00	0.057	284.4	-0.292	
81.08	0.057	284.2	-0.2947	
81.17	0.052	284	-0.2974	
81.25	0.038	283.8	-0.3018	
81.33	0.033	283.4	-0.3045	
81.43	0.03	283.3	-0.3089	
81.50	0.026	283.1	-0.3116	
81.58	0.013	282.8	-0.3169	
81.67	0.005	282.4	-0.3204	
81.75	0.001	282.2	-0.3267	
81.83	-0.005	281.9	-0.3311	
81.92	-0.014	281.7	-0.3355	
82.00	-0.018	281.4	-0.3391	
82.08	-0.026	281.2	-0.3444	
82.17	-0.034	280.9	-0.348	
82.25	-0.041	280.5	-0.3524	
82.33	-0.047	280.2	-0.3622	
82.42	-0.052	280	-0.3666	
82.50	-0.06	279.7	-0.3728	
82.58	-0.064	279.4	-0.3781	
82.67	-0.07	279.1	-0.3835	
82.75	-0.079	278.8	-0.3906	
82.85	-0.085	278.4	-0.3994	
82.92	-0.089	278.1	-0.4057	
83.00	-0.093	277.9	-0.4119	
83.08	-0.105	277.6	-0.4207	
83.17	-0.113	277.3	-0.4278	
83.25	-0.115	277	-0.4385	
83.33	-0.12	276.8	-0.4456	
83.42	-0.13	276.6	-0.4589	
83.50	-0.133	276.1	-0.4669	
83.58	-0.138	275.9	-0.4758	
83.67	-0.145	275.7	-0.4855	
83.75	-0.152	275.2	-0.4962	
83.83	-0.157	274.7	-0.5157	
83.92	-0.163	274.6	-0.529	
84.00	-0.17	274	-0.5432	
84.08	-0.171	273.8	-0.5557	
84.17	-0.177	272.9	-0.5734	
84.25	-0.184	272.5	-0.5929	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
84.35	-0.188	272	-0.6196	
84.42	-0.192	271.6	-0.6373	
84.50	-0.196	271.3	-0.6577	
84.58	-0.203	270.9	-0.6826	
84.67	-0.21	270.2	-0.7074	
84.75	-0.212	269.9	-0.7456	
84.83	-0.217	269.5	-0.7731	
84.92	-0.224	269.1	-0.806	
85.00	-0.224	268.7	-0.8308	
85.08	-0.227	268.2	-0.8521	
85.17	-0.234	267.8	-0.8788	
85.25	-0.239	267.2	-0.9036	
85.33	-0.24	266.7	-0.9444	
85.42	-0.243	266.3	-0.9702	
85.50	-0.248	265.9	-0.9968	
85.58	-0.25	265.5	-1.0208	
85.67	-0.252	265	-1.043	
85.77	-0.258	264.5	-1.0803	
85.83	-0.26	264.2	-1.098	
85.92	-0.262	264	-1.1167	
86.00	-0.265	263.7	-1.1362	
86.08	-0.268	263.3	-1.1548	
86.17	-0.271	262.9	-1.1735	
86.25	-0.272	261.9	-1.201	
86.33	-0.275	261.4	-1.2187	
86.42	-0.277	261.1	-1.2347	
86.50	-0.278	260.7	-1.2489	
86.58	-0.28	260.5	-1.2631	
86.67	-0.282	260.3	-1.2764	
86.75	-0.284	260.1	-1.2889	
86.83	-0.285	259.8	-1.3093	
86.92	-0.286	259.6	-1.3208	
87.00	-0.287	259.2	-1.3297	
87.08	-0.287	259.1	-1.3395	
87.17	-0.287	258.8	-1.3483	
87.27	-0.288	258.4	-1.3608	
87.33	-0.289	258.2	-1.3687	
87.42	-0.289	257.4	-1.3758	
87.50	-0.289	257.2	-1.3829	
87.58	-0.289	257	-1.3892	
87.67	-0.289	256.7	-1.3936	
87.75	-0.286	256.7	-1.3998	
87.83	-0.288	256.6	-1.4042	
87.92	-0.287	256.5	-1.4078	
88.00	-0.287	256.4	-1.4105	
88.08	-0.286	256.3	-1.4122	
88.17	-0.284	256.3	-1.414	
88.25	-0.283	256.2	-1.4158	
88.33	-0.282	256.2	-1.4167	
88.42	-0.28	256.1	-1.4176	
88.50	-0.279	256.1	-1.4176	
88.58	-0.278	256.1	-1.4176	
88.68	-0.275	256	-1.4185	
88.75	-0.273	256	-1.4176	
88.83	-0.271	256	-1.4176	
88.92	-0.27	256	-1.4176	
89.00	-0.267	256	-1.4167	
89.08	-0.263	256	-1.4167	
89.17	-0.26	256	-1.4158	
89.25	-0.258	256.1	-1.4149	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
89.33	-0.255	256.1	-1.4149	
89.42	-0.25	256.1	-1.414	
89.50	-0.249	256.1	-1.4131	
89.58	-0.246	256.1	-1.4122	
89.67	-0.24	256.2	-1.4113	
89.75	-0.237	256.3	-1.4105	
89.83	-0.234	256.3	-1.4087	
89.92	-0.23	256.4	-1.4078	
90.00	-0.225	256.4	-1.4069	
90.10	-0.221	256.6	-1.406	
90.17	-0.218	256.7	-1.4042	
90.25	-0.214	256.8	-1.4034	
90.33	-0.21	256.9	-1.4025	
90.42	-0.207	257	-1.3998	
90.50	-0.2	257.1	-1.3989	
90.58	-0.193	257.3	-1.3971	
90.67	-0.187	257.5	-1.3963	
90.75	-0.185	257.6	-1.3936	
90.83	-0.181	257.7	-1.3918	
90.92	-0.173	257.9	-1.3892	
91.00	-0.17	258.1	-1.3874	
91.08	-0.165	258.2	-1.3856	
91.17	-0.158	258.4	-1.3829	
91.25	-0.151	258.7	-1.3812	
91.33	-0.148	258.9	-1.3785	
91.42	-0.142	259.1	-1.3758	
91.50	-0.134	259.4	-1.3732	
91.60	-0.129	259.7	-1.3714	
91.67	-0.124	259.9	-1.3679	
91.75	-0.119	260.2	-1.3643	
91.83	-0.108	260.5	-1.3608	
91.92	-0.108	260.7	-1.3581	
92.00	-0.101	260.9	-1.3554	
92.08	-0.093	261.2	-1.3528	
92.17	-0.084	261.7	-1.3483	
92.25	-0.084	261.9	-1.3448	
92.33	-0.076	262.2	-1.3412	
92.42	-0.066	262.5	-1.3368	
92.50	-0.063	262.8	-1.3332	
92.58	-0.057	263.1	-1.3297	
92.67	-0.044	263.4	-1.3252	
92.75	-0.041	263.8	-1.3226	
92.83	-0.035	264.1	-1.3155	
92.92	-0.029	264.5	-1.311	
93.02	-0.022	264.8	-1.3066	
93.08	-0.013	265.3	-1.3022	
93.17	-0.009	265.5	-1.296	
93.25	-0.002	265.9	-1.2906	
93.33	0.005	266.2	-1.2853	
93.42	0.01	266.5	-1.28	
93.50	0.016	266.9	-1.2747	
93.58	0.026	267.2	-1.2684	
93.67	0.033	267.7	-1.2631	
93.75	0.037	268.1	-1.2533	
93.83	0.043	268.4	-1.248	
93.92	0.054	268.8	-1.2409	
94.00	0.055	269.1	-1.2347	
94.08	0.061	269.5	-1.2276	
94.17	0.072	269.8	-1.2196	
94.25	0.08	270.4	-1.2134	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
94.33	0.082	270.8	-1.201	
94.42	0.089	271.2	-1.1921	
94.52	0.097	271.5	-1.185	
94.58	0.102	272	-1.177	
94.67	0.108	272.4	-1.1646	
94.75	0.114	272.7	-1.1539	
94.83	0.122	273.1	-1.1424	
94.92	0.124	273.5	-1.1317	
95.00	0.132	273.8	-1.1202	
95.08	0.14	274.2	-1.1078	
95.17	0.146	274.7	-1.0953	
95.25	0.151	275.1	-1.0723	
95.33	0.157	275.5	-1.0572	
95.42	0.162	275.9	-1.0412	
95.50	0.164	276.2	-1.0261	
95.58	0.172	276.6	-1.0101	
95.67	0.18	277	-0.9879	
95.75	0.183	277.6	-0.972	
95.83	0.186	278	-0.9489	
95.93	0.193	278.4	-0.9302	
96.00	0.2	278.7	-0.9107	
96.08	0.205	279.3	-0.8868	
96.17	0.208	279.7	-0.8504	
96.25	0.213	280.1	-0.8273	
96.33	0.218	280.4	-0.8051	
96.42	0.223	280.8	-0.782	
96.50	0.227	281.1	-0.758	
96.58	0.232	281.5	-0.7323	
96.67	0.239	282	-0.7119	
96.75	0.241	282.3	-0.679	
96.83	0.246	282.7	-0.656	
96.92	0.249	283	-0.6329	
97.00	0.252	283.3	-0.6125	
97.08	0.257	283.7	-0.5921	
97.17	0.261	284	-0.5716	
97.25	0.265	284.5	-0.5512	
97.33	0.268	284.8	-0.521	
97.43	0.272	285.1	-0.5051	
97.50	0.275	285.4	-0.4909	
97.58	0.278	285.8	-0.474	
97.67	0.28	286.1	-0.4483	
97.75	0.284	286.3	-0.4332	
97.83	0.285	286.6	-0.419	
97.92	0.288	286.9	-0.4039	
98.00	0.29	287.1	-0.3897	
98.08	0.293	287.4	-0.3772	
98.17	0.295	287.8	-0.3657	
98.25	0.296	288	-0.3497	
98.33	0.299	288.3	-0.34	
98.42	0.3	288.5	-0.3302	
98.50	0.301	288.7	-0.3213	
98.58	0.302	288.9	-0.3124	
98.67	0.304	289.1	-0.3053	
98.75	0.305	289.4	-0.2974	
98.85	0.305	289.6	-0.2876	
98.92	0.305	289.7	-0.2823	
99.00	0.307	290	-0.2769	
99.08	0.307	290.1	-0.2725	
99.17	0.307	290.3	-0.2663	
99.25	0.308	290.4	-0.2636	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500			tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270			deviatore ciclico (kPa)	
frequenza (hz)	0.0007143			frequenza (hz)	
99.33	0.308	290.6	-0.2601		
99.42	0.307	290.7	-0.2574		
99.50	0.306	290.8	-0.2556		
99.58	0.306	291	-0.253		
99.67	0.305	291.1	-0.2521		
99.75	0.304	291.2	-0.2503		
99.83	0.303	291.3	-0.2494		
99.92	0.301	291.4	-0.2485		
100.00	0.301	291.5	-0.2485		
100.08	0.299	291.6	-0.2477		
100.17	0.298	291.7	-0.2477		
100.27	0.295	291.8	-0.2477		
100.33	0.293	291.9	-0.2477		
100.42	0.292	291.9	-0.2477		
100.50	0.288	292	-0.2477		
100.58	0.286	292	-0.2485		
100.67	0.285	292	-0.2485		
100.75	0.281	292.1	-0.2494		
100.83	0.278	292.1	-0.2494		
100.92	0.274	292.2	-0.2503		
101.00	0.268	292.2	-0.2503		
101.08	0.265	292.3	-0.2512		
101.17	0.264	292.3	-0.2512		
101.25	0.259	292.3	-0.2521		
101.33	0.258	292.3	-0.253		
101.42	0.254	292.2	-0.253		
101.50	0.249	292.2	-0.2539		
101.58	0.245	292.2	-0.2548		
101.67	0.239	292.1	-0.2556		
101.77	0.237	292.1	-0.2565		
101.83	0.234	292.1	-0.2574		
101.92	0.227	292	-0.2583		
102.00	0.224	292	-0.2592		
102.08	0.217	291.9	-0.2601		
102.17	0.214	291.9	-0.2619		
102.25	0.21	291.8	-0.2627		
102.33	0.204	291.7	-0.2636		
102.42	0.2	291.7	-0.2654		
102.50	0.195	291.6	-0.2663		
102.58	0.187	291.4	-0.2681		
102.67	0.184	291.3	-0.269		
102.75	0.18	291.3	-0.2707		
102.83	0.171	291.1	-0.2725		
102.92	0.166	291	-0.2743		
103.00	0.162	290.9	-0.2752		
103.08	0.155	290.8	-0.2769		
103.18	0.149	290.6	-0.2796		
103.25	0.143	290.5	-0.2814		
103.33	0.142	290.4	-0.2823		
103.42	0.13	290.2	-0.2849		
103.50	0.125	290	-0.2867		
103.58	0.117	289.8	-0.2894		
103.67	0.111	289.7	-0.2929		
103.75	0.105	289.5	-0.2947		
103.83	0.099	289.3	-0.2974		
103.92	0.094	289.2	-0.3		
104.00	0.087	289	-0.3027		
104.08	0.078	288.7	-0.3045		
104.17	0.076	288.5	-0.3071		
104.25	0.068	288.3	-0.3116		

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
104.33	0.061	288.1	-0.3151	
104.42	0.056	287.9	-0.3178	
104.50	0.049	287.7	-0.3213	
104.58	0.042	287.4	-0.3249	
104.68	0.035	287.1	-0.3284	
104.75	0.028	286.9	-0.3329	
104.83	0.022	286.6	-0.3364	
104.92	0.017	286.4	-0.34	
105.00	0.007	286	-0.3444	
105.08	-0.001	285.8	-0.348	
105.17	-0.004	285.6	-0.3533	
105.25	-0.014	285.3	-0.3586	
105.33	-0.018	285	-0.3622	
105.42	-0.024	284.8	-0.3675	
105.50	-0.031	284.5	-0.3728	
105.58	-0.04	284.1	-0.3781	
105.67	-0.048	283.8	-0.3835	
105.75	-0.052	283.5	-0.3923	
105.83	-0.057	283.3	-0.3968	
105.92	-0.065	282.9	-0.4039	
106.00	-0.069	282.6	-0.4092	
106.10	-0.079	282.2	-0.419	
106.17	-0.085	281.9	-0.4261	
106.25	-0.091	281.6	-0.4332	
106.33	-0.097	281.4	-0.4412	
106.42	-0.103	281	-0.4491	
106.50	-0.111	280.7	-0.4562	
106.58	-0.116	280.5	-0.4642	
106.67	-0.123	280.2	-0.4802	
106.75	-0.128	279.9	-0.4891	
106.83	-0.134	279.7	-0.4989	
106.92	-0.138	279.6	-0.5077	
107.00	-0.146	278.9	-0.5193	
107.08	-0.152	278.6	-0.5308	
107.17	-0.158	278.4	-0.5441	
107.25	-0.162	278	-0.5672	
107.33	-0.168	277.5	-0.5841	
107.42	-0.173	277.3	-0.6018	
107.50	-0.177	276.7	-0.6205	
107.60	-0.182	275.7	-0.6498	
107.67	-0.19	275.2	-0.6755	
107.75	-0.193	274.9	-0.6986	
107.83	-0.197	274.5	-0.7199	
107.92	-0.202	274.1	-0.7447	
108.00	-0.209	273.5	-0.7705	
108.08	-0.212	273.1	-0.7989	
108.17	-0.216	272.7	-0.8388	
108.25	-0.221	272.3	-0.8681	
108.33	-0.224	271.9	-0.8956	
108.42	-0.227	271.5	-0.9223	
108.50	-0.233	271	-0.9507	
108.58	-0.238	270.4	-0.9782	
108.67	-0.24	270	-1.0048	
108.75	-0.244	269.6	-1.0456	
108.83	-0.247	269.1	-1.0705	
108.92	-0.251	268.7	-1.0945	
109.02	-0.255	268.1	-1.1193	
109.08	-0.264	267.7	-1.1699	
109.17	-0.258	267.3	-1.1939	
109.25	-0.263	266.9	-1.2063	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
109.33	-0.264	266.5	-1.2187	
109.42	-0.267	266.1	-1.2347	
109.50	-0.27	265.5	-1.2498	
109.58	-0.272	265.2	-1.2649	
109.67	-0.275	264.8	-1.2897	
109.75	-0.277	264.4	-1.3048	
109.83	-0.278	264.1	-1.3181	
109.92	-0.279	263.8	-1.3323	
110.00	-0.282	263.4	-1.3457	
110.08	-0.283	263	-1.3563	
110.17	-0.284	262.7	-1.3679	
110.25	-0.285	262.4	-1.3838	
110.33	-0.287	262.1	-1.3945	
110.43	-0.287	261.7	-1.4016	
110.50	-0.288	261.4	-1.4113	
110.58	-0.288	261.2	-1.4238	
110.67	-0.289	261	-1.4309	
110.75	-0.288	260.8	-1.4371	
110.83	-0.289	260.5	-1.4433	
110.92	-0.288	260.4	-1.4486	
111.00	-0.288	260	-1.454	
111.08	-0.288	259.9	-1.4584	
111.17	-0.288	259.8	-1.4628	
111.25	-0.287	259.6	-1.4664	
111.33	-0.286	259.5	-1.4682	
111.42	-0.286	259.4	-1.4699	
111.50	-0.285	259.2	-1.4717	
111.58	-0.283	259.1	-1.4726	
111.67	-0.282	259	-1.4735	
111.75	-0.28	258.9	-1.4744	
111.83	-0.279	258.9	-1.4753	
111.93	-0.277	258.8	-1.4753	
112.00	-0.275	258.8	-1.4753	
112.08	-0.273	258.8	-1.4753	
112.17	-0.27	258.8	-1.4744	
112.25	-0.269	258.8	-1.4744	
112.33	-0.267	258.8	-1.4744	
112.42	-0.264	258.8	-1.4735	
112.50	-0.259	258.9	-1.4726	
112.58	-0.258	258.9	-1.4726	
112.67	-0.255	258.9	-1.4717	
112.75	-0.251	259	-1.4708	
112.83	-0.249	259	-1.4699	
112.92	-0.247	259.1	-1.469	
113.00	-0.24	259.2	-1.4682	
113.08	-0.236	259.3	-1.4673	
113.17	-0.234	259.4	-1.4664	
113.25	-0.23	259.5	-1.4646	
113.33	-0.225	259.6	-1.4637	
113.42	-0.22	259.7	-1.4628	
113.50	-0.218	259.8	-1.4611	
113.58	-0.214	259.9	-1.4602	
113.67	-0.209	260.1	-1.4584	
113.75	-0.204	260.3	-1.4566	
113.83	-0.201	260.4	-1.4557	
113.92	-0.194	260.6	-1.454	
114.00	-0.188	260.8	-1.4531	
114.08	-0.185	261	-1.4504	
114.17	-0.18	261.1	-1.4486	
114.25	-0.174	261.3	-1.4469	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
114.33	-0.17	261.5	-1.4442	
114.42	-0.164	261.7	-1.4424	
114.50	-0.159	262	-1.4406	
114.58	-0.151	262.3	-1.4389	
114.67	-0.147	262.5	-1.4353	
114.75	-0.142	262.8	-1.4327	
114.85	-0.136	263	-1.4309	
114.92	-0.128	263.3	-1.4282	
115.00	-0.127	263.5	-1.4256	
115.08	-0.118	263.8	-1.422	
115.17	-0.111	264	-1.4185	
115.25	-0.107	264.2	-1.4158	
115.33	-0.102	264.4	-1.4131	
115.42	-0.095	264.6	-1.4096	
115.50	-0.084	265	-1.406	
115.58	-0.081	265.3	-1.4016	
115.67	-0.074	265.5	-1.3971	
115.75	-0.068	265.8	-1.3936	
115.83	-0.059	266.1	-1.39	
115.92	-0.057	266.4	-1.3865	
116.00	-0.05	266.8	-1.3821	
116.08	-0.04	267.2	-1.3785	
116.17	-0.033	267.5	-1.3714	
116.27	-0.03	267.8	-1.3679	
116.33	-0.021	268.1	-1.3625	
116.42	-0.013	268.6	-1.359	
116.50	-0.009	268.9	-1.351	
116.58	-0.002	269.2	-1.3466	
116.67	0.005	269.5	-1.3412	
116.75	0.009	269.8	-1.3359	
116.83	0.016	270.2	-1.3297	
116.92	0.025	270.6	-1.3226	
117.00	0.033	271.1	-1.3181	
117.08	0.037	271.4	-1.3084	
117.17	0.043	271.8	-1.3022	
117.25	0.052	272.2	-1.2951	
117.33	0.057	272.5	-1.288	
117.42	0.062	272.9	-1.2809	
117.50	0.071	273.2	-1.2729	
117.58	0.079	273.8	-1.2649	
117.67	0.083	274.1	-1.2533	
117.77	0.088	274.5	-1.2454	
117.83	0.096	274.8	-1.2374	
117.92	0.106	275.4	-1.2285	
118.00	0.11	275.7	-1.2125	
118.08	0.115	276.1	-1.2028	
118.17	0.122	276.5	-1.1912	
118.25	0.126	276.8	-1.1797	
118.33	0.133	277.2	-1.1655	
118.42	0.139	277.6	-1.1539	
118.50	0.147	278.2	-1.1388	
118.58	0.152	278.5	-1.1149	
118.67	0.157	278.9	-1.098	
118.75	0.164	279.4	-1.0803	
118.83	0.167	279.7	-1.0634	
118.92	0.173	280.1	-1.0421	
119.00	0.181	280.5	-1.0226	
119.08	0.187	281.1	-1.0013	
119.18	0.19	281.4	-0.972	
119.25	0.194	281.8	-0.9524	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
119.33	0.202	282.2	-0.9302	
119.42	0.207	282.7	-0.9045	
119.50	0.211	283.1	-0.869	
119.58	0.215	283.5	-0.845	
119.67	0.22	283.8	-0.8211	
119.75	0.223	284.2	-0.798	
119.83	0.227	284.5	-0.7731	
119.92	0.234	284.9	-0.7456	
120.00	0.24	285.5	-0.7252	
120.08	0.243	285.8	-0.6897	
120.17	0.246	286.1	-0.6675	
120.25	0.251	286.5	-0.6462	
120.33	0.254	286.8	-0.6249	
120.42	0.257	287.1	-0.6018	
120.50	0.263	287.5	-0.5823	
120.58	0.266	288	-0.5645	
120.67	0.268	288.3	-0.5379	
120.75	0.272	288.6	-0.5193	
120.83	0.276	288.9	-0.5024	
120.92	0.279	289.3	-0.4864	
121.00	0.281	289.6	-0.4633	
121.08	0.284	289.9	-0.4465	
121.17	0.286	290.1	-0.4332	
121.25	0.288	290.4	-0.419	
121.33	0.292	290.6	-0.4048	
121.42	0.292	290.9	-0.3932	
121.50	0.296	291.2	-0.3817	
121.58	0.297	291.5	-0.3657	
121.67	0.299	291.7	-0.3551	
121.75	0.3	291.9	-0.3471	
121.83	0.301	292.1	-0.34	
121.92	0.302	292.3	-0.3311	
122.00	0.302	292.5	-0.3231	
122.10	0.302	292.9	-0.316	
122.17	0.302	293.1	-0.3124	
122.25	0.303	293.3	-0.308	
122.33	0.305	293.4	-0.3045	
122.42	0.303	293.7	-0.3009	
122.50	0.304	293.8	-0.2965	
122.58	0.304	294	-0.2929	
122.67	0.304	294.1	-0.2903	
122.75	0.303	294.3	-0.2885	
122.83	0.304	294.4	-0.2867	
122.92	0.303	294.5	-0.2849	
123.00	0.302	294.7	-0.2832	
123.08	0.301	294.8	-0.2814	
123.17	0.3	294.9	-0.2805	
123.25	0.3	295	-0.2796	
123.33	0.298	295	-0.2796	
123.42	0.298	295.1	-0.2787	
123.50	0.295	295.2	-0.2787	
123.58	0.294	295.3	-0.2787	
123.67	0.292	295.4	-0.2787	
123.75	0.289	295.4	-0.2787	
123.83	0.287	295.5	-0.2787	
123.92	0.285	295.5	-0.2787	
124.00	0.282	295.6	-0.2796	
124.08	0.28	295.6	-0.2796	
124.17	0.278	295.6	-0.2805	
124.25	0.275	295.6	-0.2805	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
124.33	0.272	295.7	-0.2814	
124.42	0.267	295.7	-0.2814	
124.50	0.261	295.7	-0.2823	
124.58	0.26	295.7	-0.2832	
124.67	0.256	295.7	-0.284	
124.75	0.253	295.7	-0.284	
124.83	0.25	295.7	-0.2849	
124.92	0.245	295.6	-0.2858	
125.02	0.24	295.6	-0.2867	
125.08	0.236	295.6	-0.2876	
125.17	0.232	295.5	-0.2885	
125.25	0.229	295.5	-0.2894	
125.33	0.222	295.4	-0.2903	
125.42	0.216	295.3	-0.2911	
125.50	0.216	295.3	-0.292	
125.58	0.209	295.2	-0.2938	
125.67	0.204	295.1	-0.2947	
125.75	0.201	295	-0.2956	
125.83	0.194	294.9	-0.2974	
125.92	0.188	294.9	-0.2982	
126.00	0.182	294.7	-0.3	
126.08	0.178	294.6	-0.3018	
126.17	0.171	294.5	-0.3036	
126.25	0.166	294.4	-0.3045	
126.33	0.164	294.3	-0.3062	
126.43	0.153	294.1	-0.3089	
126.50	0.15	294	-0.3098	
126.58	0.142	293.8	-0.3124	
126.67	0.137	293.7	-0.3151	
126.75	0.133	293.5	-0.316	
126.83	0.125	293.4	-0.3187	
126.92	0.117	293.1	-0.3204	
127.00	0.113	293	-0.324	
127.08	0.105	292.8	-0.3258	
127.17	0.099	292.6	-0.3284	
127.25	0.097	292.5	-0.3302	
127.33	0.09	292.3	-0.3329	
127.42	0.081	292	-0.3364	
127.50	0.071	291.8	-0.3391	
127.58	0.068	291.6	-0.3435	
127.67	0.065	291.4	-0.3453	
127.75	0.053	291.1	-0.3497	
127.83	0.051	290.9	-0.3524	
127.93	0.043	290.6	-0.3559	
128.00	0.035	290.4	-0.3595	
128.08	0.025	290.1	-0.3639	
128.17	0.024	289.9	-0.3666	
128.25	0.015	289.7	-0.371	
128.33	0.01	289.4	-0.3755	
128.42	-0.003	289	-0.3799	
128.50	-0.005	288.8	-0.3861	
128.58	-0.012	288.5	-0.3906	
128.67	-0.02	288.2	-0.395	
128.75	-0.023	288	-0.4003	
128.83	-0.031	287.7	-0.4048	
128.92	-0.037	287.3	-0.411	
129.00	-0.049	286.9	-0.4172	
129.08	-0.051	286.6	-0.4252	
129.17	-0.058	286.3	-0.4305	
129.25	-0.065	286	-0.4367	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
129.35	-0.07	285.6	-0.4429	
129.42	-0.077	285.3	-0.4518	
129.50	-0.084	285	-0.4589	
129.58	-0.091	284.7	-0.4669	
129.67	-0.095	284.4	-0.474	
129.75	-0.103	284.1	-0.482	
129.83	-0.111	283.8	-0.4909	
129.92	-0.118	283.3	-0.4997	
130.00	-0.121	283.1	-0.5131	
130.08	-0.127	282.9	-0.5228	
130.17	-0.135	282.6	-0.5344	
130.25	-0.139	282.4	-0.5459	
130.33	-0.144	282.2	-0.5583	
130.42	-0.151	281.6	-0.5716	
130.50	-0.159	281.3	-0.585	
130.58	-0.162	281	-0.6107	
130.67	-0.169	280.6	-0.6302	
130.75	-0.173	280.1	-0.6471	
130.83	-0.18	279.7	-0.6657	
130.92	-0.182	279.3	-0.6968	
131.00	-0.188	278.3	-0.7225	
131.08	-0.193	277.9	-0.7474	
131.17	-0.197	277.5	-0.7731	
131.25	-0.202	277.1	-0.7998	
131.33	-0.209	276.7	-0.8282	
131.42	-0.212	276.1	-0.8566	
131.50	-0.216	275.7	-0.901	
131.58	-0.222	275.2	-0.9294	
131.67	-0.225	274.8	-0.956	
131.75	-0.227	274.4	-0.9826	
131.83	-0.232	274	-1.0119	
131.92	-0.237	273.6	-1.0394	
132.00	-0.241	272.9	-1.0661	
132.08	-0.243	272.5	-1.1051	
132.17	-0.247	272.1	-1.13	
132.27	-0.251	271.7	-1.1557	
132.33	-0.255	271.1	-1.1752	
132.42	-0.256	270.7	-1.2072	
132.50	-0.259	270.2	-1.2294	
132.58	-0.263	269.8	-1.2489	
132.67	-0.264	269.4	-1.2676	
132.75	-0.267	269	-1.2862	
132.83	-0.27	268.5	-1.3039	
132.92	-0.272	268	-1.3208	
133.00	-0.274	267.6	-1.3466	
133.08	-0.277	267.2	-1.3625	
133.17	-0.278	266.9	-1.3758	
133.25	-0.279	266.6	-1.3883	
133.33	-0.281	266.2	-1.4016	
133.42	-0.283	265.8	-1.414	
133.50	-0.284	265.4	-1.4247	
133.58	-0.285	265.2	-1.4398	
133.67	-0.286	264.8	-1.4486	
133.75	-0.286	264.6	-1.4575	
133.83	-0.287	264.2	-1.4646	
133.92	-0.288	264	-1.4761	
134.00	-0.288	263.8	-1.4806	
134.08	-0.289	263.6	-1.4868	
134.17	-0.289	263.3	-1.4921	
134.25	-0.288	263.1	-1.4975	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
134.33	-0.288	263	-1.5019	
134.42	-0.288	262.7	-1.5063	
134.50	-0.288	262.6	-1.5108	
134.58	-0.287	262.5	-1.5134	
134.67	-0.286	262.3	-1.5161	
134.75	-0.285	262.2	-1.517	
134.83	-0.284	262.1	-1.5188	
134.92	-0.283	262	-1.5196	
135.00	-0.281	261.9	-1.5205	
135.08	-0.28	261.8	-1.5214	
135.18	-0.279	261.7	-1.5214	
135.25	-0.276	261.7	-1.5214	
135.33	-0.275	261.6	-1.5214	
135.42	-0.273	261.6	-1.5214	
135.50	-0.271	261.6	-1.5214	
135.58	-0.267	261.6	-1.5205	
135.67	-0.267	261.6	-1.5205	
135.75	-0.263	261.6	-1.5196	
135.83	-0.259	261.6	-1.5196	
135.92	-0.257	261.7	-1.5188	
136.00	-0.254	261.7	-1.5179	
136.08	-0.251	261.8	-1.517	
136.17	-0.247	261.9	-1.5161	
136.25	-0.246	261.9	-1.5161	
136.33	-0.242	262	-1.5152	
136.42	-0.237	262.1	-1.5143	
136.50	-0.233	262.2	-1.5134	
136.60	-0.232	262.4	-1.5117	
136.67	-0.229	262.5	-1.5108	
136.75	-0.221	262.6	-1.509	
136.83	-0.216	262.7	-1.5081	
136.92	-0.218	262.8	-1.5072	
137.00	-0.209	263	-1.5054	
137.08	-0.203	263.1	-1.5037	
137.17	-0.2	263.3	-1.5019	
137.25	-0.196	263.4	-1.501	
137.33	-0.189	263.6	-1.4983	
137.42	-0.182	263.9	-1.4975	
137.50	-0.18	264	-1.4948	
137.58	-0.175	264.2	-1.493	
137.67	-0.167	264.5	-1.4903	
137.75	-0.166	264.6	-1.4886	
137.83	-0.16	264.8	-1.4868	
137.92	-0.152	265.1	-1.4841	
138.00	-0.145	265.4	-1.4824	
138.10	-0.142	265.6	-1.4797	
138.17	-0.136	265.8	-1.4779	
138.25	-0.128	266.1	-1.4753	
138.33	-0.121	266.5	-1.4726	
138.42	-0.12	266.7	-1.4682	
138.50	-0.114	266.9	-1.4655	
138.58	-0.103	267.2	-1.4619	
138.67	-0.101	267.5	-1.4593	
138.75	-0.094	267.8	-1.4566	
138.83	-0.086	268.1	-1.4531	
138.92	-0.078	268.5	-1.4495	
139.00	-0.074	268.8	-1.4442	
139.08	-0.069	269	-1.4415	
139.17	-0.06	269.3	-1.4371	
139.25	-0.056	269.6	-1.4335	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
139.33	-0.051	269.8	-1.4291	
139.42	-0.037	270.1	-1.4247	
139.52	-0.037	270.5	-1.4193	
139.58	-0.032	270.8	-1.4158	
139.67	-0.024	271.1	-1.4105	
139.75	-0.014	271.4	-1.4051	
139.83	-0.007	271.9	-1.4007	
139.92	-0.002	272.2	-1.3927	
140.00	0.004	272.5	-1.3874	
140.08	0.012	272.9	-1.3812	
140.17	0.016	273.2	-1.3758	
140.25	0.022	273.5	-1.3705	
140.33	0.033	273.9	-1.3625	
140.42	0.039	274.4	-1.3563	
140.50	0.043	274.7	-1.3474	
140.58	0.051	275.1	-1.3403	
140.67	0.057	275.4	-1.3323	
140.75	0.062	275.8	-1.3252	
140.83	0.068	276.1	-1.3173	
140.92	0.078	276.5	-1.3084	
141.02	0.081	277	-1.2986	
141.08	0.087	277.4	-1.2906	
141.17	0.097	277.8	-1.2791	
141.25	0.104	278.3	-1.2711	
141.33	0.109	278.6	-1.2604	
141.42	0.114	279.1	-1.2445	
141.50	0.122	279.5	-1.2312	
141.58	0.127	279.9	-1.2187	
141.67	0.131	280.2	-1.2063	
141.75	0.138	280.6	-1.1921	
141.83	0.148	281.2	-1.1752	
141.92	0.152	281.6	-1.161	
142.00	0.156	281.9	-1.1335	
142.08	0.162	282.3	-1.1131	
142.17	0.168	282.7	-1.0927	
142.25	0.175	283.1	-1.0705	
142.33	0.178	283.5	-1.0519	
142.43	0.185	284.1	-1.019	
142.50	0.19	284.4	-0.9986	
142.58	0.195	284.8	-0.9746	
142.67	0.201	285.2	-0.9471	
142.75	0.207	285.8	-0.9285	
142.83	0.212	286.1	-0.9036	
142.92	0.215	286.5	-0.8646	
143.00	0.219	286.9	-0.8379	
143.08	0.225	287.2	-0.8122	
143.17	0.228	287.7	-0.79	
143.25	0.234	288	-0.766	
143.33	0.239	288.5	-0.7447	
143.42	0.241	288.9	-0.719	
143.50	0.243	289.3	-0.6932	
143.58	0.247	289.6	-0.6728	
143.67	0.252	290	-0.6524	
143.75	0.255	290.3	-0.632	
143.83	0.258	290.6	-0.6107	
143.92	0.265	291.1	-0.5805	
144.00	0.266	291.4	-0.5663	
144.08	0.268	291.7	-0.5494	
144.17	0.273	292	-0.5308	
144.25	0.277	292.4	-0.5104	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
144.33	0.28	292.7	-0.4935	
144.42	0.281	292.9	-0.4722	
144.50	0.285	293.2	-0.4562	
144.58	0.287	293.5	-0.4412	
144.67	0.289	293.7	-0.427	
144.75	0.291	294	-0.4145	
144.83	0.293	294.3	-0.4012	
144.92	0.296	294.6	-0.3906	
145.00	0.297	294.8	-0.3755	
145.08	0.3	295	-0.3657	
145.17	0.3	295.2	-0.3577	
145.25	0.301	295.4	-0.3497	
145.35	0.303	295.7	-0.34	
145.42	0.304	295.9	-0.3329	
145.50	0.304	296.1	-0.3275	
145.58	0.305	296.3	-0.3222	
145.67	0.305	296.5	-0.3169	
145.75	0.306	296.7	-0.3124	
145.83	0.306	296.9	-0.3089	
145.92	0.306	297	-0.3036	
146.00	0.307	297.2	-0.3009	
146.08	0.306	297.3	-0.2982	
146.17	0.305	297.4	-0.2965	
146.25	0.305	297.5	-0.2947	
146.33	0.304	297.7	-0.2938	
146.42	0.303	297.8	-0.292	
146.50	0.302	297.9	-0.2911	
146.58	0.301	298	-0.2903	
146.67	0.299	298.1	-0.2903	
146.77	0.297	298.2	-0.2894	
146.83	0.297	298.3	-0.2894	
146.92	0.295	298.3	-0.2894	
147.00	0.293	298.4	-0.2894	
147.08	0.291	298.4	-0.2894	
147.17	0.289	298.5	-0.2903	
147.25	0.285	298.5	-0.2903	
147.33	0.283	298.6	-0.2903	
147.42	0.281	298.6	-0.2911	
147.50	0.277	298.6	-0.2911	
147.58	0.275	298.6	-0.292	
147.67	0.272	298.6	-0.292	
147.75	0.268	298.6	-0.2929	
147.83	0.264	298.6	-0.2929	
147.92	0.261	298.6	-0.2938	
148.00	0.257	298.6	-0.2947	
148.08	0.254	298.6	-0.2956	
148.17	0.25	298.6	-0.2965	
148.27	0.247	298.6	-0.2965	
148.33	0.242	298.5	-0.2974	
148.42	0.237	298.5	-0.2982	
148.50	0.232	298.4	-0.3	
148.58	0.229	298.4	-0.3	
148.67	0.224	298.4	-0.3009	
148.75	0.218	298.3	-0.3018	
148.83	0.213	298.2	-0.3027	
148.92	0.211	298.2	-0.3045	
149.00	0.205	298.1	-0.3062	
149.08	0.2	298	-0.3071	
149.17	0.195	297.9	-0.308	
149.25	0.188	297.8	-0.3098	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
149.33	0.18	297.7	-0.3107	
149.42	0.178	297.6	-0.3124	
149.50	0.174	297.5	-0.3142	
149.58	0.165	297.3	-0.316	
149.68	0.158	297.2	-0.3178	
149.75	0.154	297.1	-0.3196	
149.83	0.15	296.9	-0.3213	
149.92	0.143	296.8	-0.324	
150.00	0.138	296.6	-0.3258	
150.08	0.133	296.5	-0.3275	
150.17	0.125	296.3	-0.3302	
150.25	0.119	296.1	-0.332	
150.33	0.113	295.9	-0.3346	
150.42	0.107	295.7	-0.3373	
150.50	0.098	295.5	-0.3409	
150.58	0.093	295.3	-0.3435	
150.67	0.089	295.1	-0.3444	
150.75	0.081	294.9	-0.3471	
150.83	0.072	294.6	-0.3497	
150.92	0.067	294.4	-0.3524	
151.00	0.062	294.2	-0.3577	
151.08	0.054	294	-0.3604	
151.18	0.046	293.6	-0.363	
151.25	0.041	293.4	-0.3666	
151.33	0.036	293.2	-0.3719	
151.42	0.027	292.9	-0.3764	
151.50	0.021	292.7	-0.3799	
151.58	0.02	292.5	-0.3835	
151.67	0.008	292.2	-0.3888	
151.75	-0.001	291.9	-0.3923	
151.83	-0.007	291.5	-0.3968	
151.92	-0.012	291.3	-0.4039	
152.00	-0.017	291	-0.4083	
152.08	-0.027	290.7	-0.4145	
152.17	-0.031	290.4	-0.4199	
152.25	-0.038	290.1	-0.4252	
152.33	-0.048	289.7	-0.4305	
152.42	-0.055	289.4	-0.4349	
152.50	-0.059	289.1	-0.4447	
152.60	-0.064	288.8	-0.4509	
152.67	-0.074	288.4	-0.4589	
152.75	-0.079	288.1	-0.4642	
152.83	-0.083	287.8	-0.4749	
152.92	-0.091	287.4	-0.4829	
153.00	-0.098	287.1	-0.4909	
153.08	-0.101	286.8	-0.4989	
153.17	-0.107	286.5	-0.5068	
153.25	-0.118	285.9	-0.5184	
153.33	-0.123	285.6	-0.5281	
153.42	-0.126	285.4	-0.5423	
153.50	-0.134	285.2	-0.5557	
153.58	-0.14	284.8	-0.5681	
153.67	-0.145	284.6	-0.5796	
153.75	-0.15	284.4	-0.5947	
153.83	-0.159	283.7	-0.6107	
153.92	-0.164	283.5	-0.6267	
154.00	-0.167	283.3	-0.656	
154.08	-0.172	282.8	-0.6755	
154.17	-0.179	282.2	-0.6977	
154.25	-0.185	281.9	-0.7217	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
154.33	-0.188	281.4	-0.7625	
154.42	-0.195	280.5	-0.79	
154.50	-0.197	280.1	-0.814	
154.58	-0.202	279.7	-0.8433	
154.67	-0.207	279.2	-0.8752	
154.75	-0.213	278.5	-0.9036	
154.83	-0.217	278.1	-0.9338	
154.92	-0.22	277.7	-0.9773	
155.00	-0.224	277.3	-1.0075	
155.08	-0.229	276.9	-1.0368	
155.17	-0.232	276.4	-1.0643	
155.25	-0.236	276	-1.0909	
155.33	-0.241	275.4	-1.1167	
155.42	-0.243	275	-1.1442	
155.52	-0.246	274.6	-1.1788	
155.58	-0.25	274.1	-1.2019	
155.67	-0.255	273.5	-1.2267	
155.75	-0.256	273.1	-1.2489	
155.83	-0.259	272.7	-1.2773	
155.92	-0.263	272.3	-1.2986	
156.00	-0.265	271.9	-1.3181	
156.08	-0.267	271.5	-1.3359	
156.17	-0.269	271.1	-1.3545	
156.25	-0.273	270.4	-1.3732	
156.33	-0.274	270.1	-1.39	
156.42	-0.276	269.7	-1.4113	
156.50	-0.278	269.3	-1.4256	
156.58	-0.279	269	-1.438	
156.67	-0.28	268.5	-1.4495	
156.75	-0.281	268.2	-1.4611	
156.83	-0.284	267.8	-1.4717	
156.93	-0.285	267.5	-1.4859	
157.00	-0.286	267.2	-1.4966	
157.08	-0.286	267	-1.5037	
157.17	-0.287	266.6	-1.5108	
157.25	-0.288	266.3	-1.5179	
157.33	-0.288	266.1	-1.5267	
157.42	-0.288	265.9	-1.533	
157.50	-0.289	265.7	-1.5383	
157.58	-0.289	265.5	-1.5427	
157.67	-0.288	265.4	-1.5463	
157.75	-0.288	265.1	-1.5507	
157.83	-0.29	265	-1.5569	
157.92	-0.286	264.9	-1.5596	
158.00	-0.286	264.7	-1.5605	
158.08	-0.285	264.6	-1.5622	
158.17	-0.284	264.5	-1.5631	
158.25	-0.283	264.4	-1.564	
158.33	-0.281	264.3	-1.5649	
158.43	-0.28	264.2	-1.5658	
158.50	-0.279	264.1	-1.5658	
158.58	-0.277	264.1	-1.5658	
158.67	-0.274	264.1	-1.5658	
158.75	-0.273	264	-1.5658	
158.83	-0.271	264	-1.5658	
158.92	-0.267	264	-1.5649	
159.00	-0.265	264	-1.5649	
159.08	-0.264	264	-1.564	
159.17	-0.26	264.1	-1.5631	
159.25	-0.256	264.1	-1.5631	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
159.33	-0.255	264.2	-1.5622	
159.42	-0.252	264.2	-1.5614	
159.50	-0.248	264.3	-1.5605	
159.58	-0.245	264.3	-1.5596	
159.67	-0.242	264.4	-1.5587	
159.75	-0.237	264.5	-1.5578	
159.85	-0.233	264.6	-1.5569	
159.92	-0.231	264.7	-1.556	
160.00	-0.226	264.8	-1.5543	
160.08	-0.221	264.9	-1.5534	
160.17	-0.215	265.1	-1.5525	
160.25	-0.213	265.2	-1.5498	
160.33	-0.209	265.3	-1.5489	
160.42	-0.203	265.5	-1.5472	
160.50	-0.201	265.7	-1.5463	
160.58	-0.197	265.8	-1.5445	
160.67	-0.189	266	-1.5427	
160.75	-0.183	266.2	-1.5409	
160.83	-0.18	266.4	-1.5383	
160.92	-0.175	266.6	-1.5365	
161.00	-0.168	266.8	-1.5347	
161.08	-0.164	267	-1.5321	
161.17	-0.16	267.2	-1.5303	
161.25	-0.152	267.5	-1.5285	
161.35	-0.148	267.7	-1.5259	
161.42	-0.142	268	-1.5232	
161.50	-0.138	268.2	-1.5205	
161.58	-0.129	268.5	-1.5179	
161.67	-0.121	268.9	-1.5152	
161.75	-0.118	269.1	-1.5117	
161.83	-0.114	269.3	-1.509	
161.92	-0.103	269.7	-1.5046	
162.00	-0.101	269.9	-1.5019	
162.08	-0.094	270.2	-1.4992	
162.17	-0.087	270.5	-1.4957	
162.25	-0.077	271	-1.493	
162.33	-0.073	271.3	-1.4868	
162.42	-0.068	271.6	-1.4832	
162.50	-0.061	271.9	-1.4797	
162.58	-0.056	272.2	-1.4761	
162.67	-0.05	272.5	-1.4726	
162.77	-0.042	272.9	-1.4664	
162.83	-0.034	273.3	-1.4619	
162.92	-0.033	273.5	-1.4584	
163.00	-0.026	273.8	-1.454	
163.08	-0.016	274.1	-1.4477	
163.17	-0.006	274.5	-1.4433	
163.25	-0.003	274.7	-1.4344	
163.33	0.003	275.1	-1.43	
163.42	0.012	275.4	-1.4238	
163.50	0.016	275.7	-1.4185	
163.58	0.022	276	-1.4122	
163.67	0.031	276.4	-1.4051	
163.75	0.04	276.9	-1.3998	
163.83	0.042	277.2	-1.39	
163.92	0.05	277.6	-1.3829	
164.00	0.058	278	-1.3741	
164.08	0.062	278.3	-1.3661	
164.17	0.068	278.7	-1.3581	
164.25	0.077	279.3	-1.3466	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
164.33	0.083	279.6	-1.3377	
164.42	0.088	280	-1.3288	
164.50	0.094	280.3	-1.319	
164.58	0.103	280.7	-1.3075	
164.67	0.11	281.3	-1.2977	
164.75	0.117	281.7	-1.2782	
164.83	0.113	282.1	-1.272	
164.92	0.129	282.5	-1.2542	
165.00	0.131	282.8	-1.2427	
165.08	0.135	283.2	-1.2285	
165.17	0.145	283.6	-1.209	
165.25	0.151	284.2	-1.193	
165.33	0.153	284.6	-1.1717	
165.42	0.16	285	-1.1504	
165.50	0.167	285.4	-1.1282	
165.58	0.171	285.8	-1.1051	
165.68	0.177	286.3	-1.074	
165.75	0.185	286.7	-1.0483	
165.83	0.188	287.1	-1.0288	
165.92	0.192	287.5	-1.0066	
166.00	0.197	287.9	-0.9835	
166.08	0.205	288.3	-0.9551	
166.17	0.209	288.8	-0.9311	
166.25	0.213	289.2	-0.8912	
166.33	0.219	289.6	-0.8619	
166.42	0.226	290	-0.8362	
166.50	0.227	290.3	-0.8131	
166.58	0.232	290.7	-0.7856	
166.67	0.237	291	-0.7607	
166.75	0.241	291.5	-0.7385	
166.83	0.245	291.9	-0.7039	
166.92	0.25	292.2	-0.6773	
167.00	0.253	292.5	-0.6577	
167.10	0.258	293	-0.6364	
167.17	0.26	293.3	-0.6063	
167.25	0.264	293.6	-0.5876	
167.33	0.268	293.9	-0.569	
167.42	0.271	294.2	-0.5494	
167.50	0.272	294.5	-0.5317	
167.58	0.278	294.8	-0.5131	
167.67	0.279	295.2	-0.498	
167.75	0.283	295.5	-0.4758	
167.83	0.285	295.8	-0.4607	
167.92	0.287	296.1	-0.4465	
168.00	0.289	296.3	-0.4349	
168.08	0.292	296.6	-0.4225	
168.17	0.295	296.8	-0.411	
168.25	0.297	297.2	-0.3994	
168.33	0.297	297.4	-0.3852	
168.42	0.3	297.6	-0.3746	
168.50	0.301	297.8	-0.3657	
168.60	0.301	298.1	-0.3577	
168.67	0.303	298.3	-0.348	
168.75	0.304	298.5	-0.3417	
168.83	0.305	298.7	-0.3364	
168.92	0.305	298.8	-0.3311	
169.00	0.306	299	-0.3258	
169.08	0.306	299.2	-0.3231	
169.17	0.307	299.4	-0.3187	
169.25	0.307	299.5	-0.3142	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
169.33	0.307	299.7	-0.3116	
169.42	0.306	299.8	-0.3089	
169.50	0.306	299.9	-0.3071	
169.58	0.306	300.1	-0.3053	
169.67	0.304	300.2	-0.3036	
169.75	0.304	300.3	-0.3027	
169.83	0.303	300.4	-0.3018	
169.92	0.301	300.5	-0.3009	
170.02	0.299	300.6	-0.3009	
170.08	0.298	300.7	-0.3009	
170.17	0.296	300.7	-0.3	
170.25	0.295	300.8	-0.3	
170.33	0.292	300.9	-0.3	
170.42	0.291	300.9	-0.3	
170.50	0.29	301	-0.3009	
170.58	0.285	301	-0.3009	
170.67	0.284	301.1	-0.3009	
170.75	0.281	301.1	-0.3018	
170.83	0.278	301.1	-0.3018	
170.92	0.275	301.1	-0.3027	
171.00	0.273	301.1	-0.3027	
171.08	0.27	301.1	-0.3036	
171.17	0.264	301.1	-0.3045	
171.25	0.26	301.1	-0.3045	
171.33	0.259	301.1	-0.3053	
171.42	0.253	301.1	-0.3062	
171.52	0.249	301.1	-0.3062	
171.58	0.246	301	-0.3071	
171.67	0.243	301	-0.308	
171.75	0.238	301	-0.3089	
171.83	0.233	300.9	-0.3098	
171.92	0.231	300.9	-0.3107	
172.00	0.227	300.9	-0.3116	
172.08	0.219	300.8	-0.3133	
172.17	0.212	300.7	-0.3142	
172.25	0.212	300.6	-0.316	
172.33	0.203	300.5	-0.3169	
172.42	0.2	300.5	-0.3178	
172.50	0.194	300.4	-0.3196	
172.58	0.188	300.3	-0.3213	
172.67	0.182	300.2	-0.3222	
172.75	0.177	300.1	-0.324	
172.83	0.173	299.9	-0.3258	
172.93	0.167	299.8	-0.3275	
173.00	0.162	299.7	-0.3284	
173.08	0.154	299.5	-0.3311	
173.17	0.149	299.4	-0.3338	
173.25	0.143	299.3	-0.3346	
173.33	0.139	299.1	-0.3364	
173.42	0.133	299	-0.3391	
173.50	0.126	298.8	-0.3409	
173.58	0.118	298.6	-0.3435	
173.67	0.109	298.4	-0.3444	
173.75	0.106	298.2	-0.3488	
173.83	0.1	298	-0.3506	
173.92	0.093	297.8	-0.3533	
174.00	0.09	297.6	-0.3559	
174.08	0.082	297.4	-0.3586	
174.17	0.073	297.2	-0.3622	
174.25	0.066	296.9	-0.3648	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
174.33	0.061	296.7	-0.3693	
174.42	0.056	296.5	-0.3719	
174.50	0.048	296.3	-0.3755	
174.58	0.038	295.9	-0.3781	
174.67	0.033	295.6	-0.3843	
174.75	0.025	295.4	-0.3888	
174.83	0.021	295.1	-0.3923	
174.92	0.02	294.9	-0.395	
175.00	0.009	294.6	-0.4003	
175.08	-0.002	294.3	-0.4048	
175.17	-0.007	294	-0.4092	
175.25	-0.013	293.7	-0.4163	
175.33	-0.018	293.4	-0.4207	
175.42	-0.026	293.1	-0.4261	
175.50	-0.031	292.9	-0.4314	
175.58	-0.038	292.5	-0.4376	
175.67	-0.046	292.2	-0.4429	
175.75	-0.055	291.8	-0.4491	
175.85	-0.059	291.5	-0.4589	
175.92	-0.064	291.2	-0.4642	
176.00	-0.073	290.9	-0.4713	
176.08	-0.081	290.4	-0.4784	
176.17	-0.082	290.1	-0.4891	
176.25	-0.089	289.8	-0.4989	
176.33	-0.1	289.4	-0.5077	
176.42	-0.102	289.1	-0.5157	
176.50	-0.108	288.8	-0.5237	
176.58	-0.118	288.5	-0.5326	
176.67	-0.124	288	-0.5432	
176.75	-0.128	287.7	-0.5601	
176.83	-0.133	287.5	-0.5725	
176.92	-0.141	287.2	-0.5858	
177.00	-0.143	286.9	-0.5983	
177.08	-0.149	286.6	-0.6142	
177.17	-0.157	286.1	-0.6329	
177.27	-0.165	285.7	-0.664	
177.33	-0.166	285.5	-0.6817	
177.42	-0.171	285.2	-0.7021	
177.50	-0.177	284.7	-0.727	
177.58	-0.186	284.1	-0.7492	
177.67	-0.188	283.7	-0.7927	
177.75	-0.193	282.7	-0.822	
177.83	-0.2	282.3	-0.853	
177.92	-0.202	281.9	-0.8832	
178.00	-0.207	281.4	-0.9143	
178.08	-0.212	281	-0.9436	
178.17	-0.218	280.4	-0.9729	
178.25	-0.22	280	-1.019	
178.33	-0.225	279.5	-1.0501	
178.42	-0.229	279.1	-1.0776	
178.50	-0.232	278.6	-1.1051	
178.58	-0.236	278.1	-1.1344	
178.67	-0.24	277.7	-1.161	
178.77	-0.244	277.1	-1.2019	
178.83	-0.245	276.7	-1.2223	
178.92	-0.25	276.2	-1.2454	
179.00	-0.254	275.8	-1.2658	
179.08	-0.257	275.2	-1.2897	
179.17	-0.259	274.8	-1.3199	
179.25	-0.262	274.4	-1.3412	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
179.33	-0.265	274	-1.3599	
179.42	-0.266	273.6	-1.3785	
179.50	-0.269	273.2	-1.3963	
179.58	-0.272	272.8	-1.414	
179.67	-0.274	272.2	-1.43	
179.75	-0.275	271.9	-1.4522	
179.83	-0.279	271.5	-1.4682	
179.92	-0.281	271.1	-1.485	
180.00	-0.279	270.8	-1.4939	
180.08	-0.282	270.4	-1.5046	
180.18	-0.284	269.9	-1.5188	
180.25	-0.284	269.7	-1.5267	
180.33	-0.285	269.4	-1.5356	
180.42	-0.286	269.1	-1.5427	
180.50	-0.286	268.8	-1.5498	
180.58	-0.288	268.4	-1.5569	
180.67	-0.288	268.2	-1.5676	
180.75	-0.289	268	-1.5738	
180.83	-0.288	267.8	-1.5782	
180.92	-0.288	267.6	-1.5827	
181.00	-0.289	267.4	-1.5862	
181.08	-0.288	267.3	-1.5898	
181.17	-0.287	267	-1.5933	
181.25	-0.286	266.9	-1.5978	
181.33	-0.287	266.8	-1.5995	
181.42	-0.284	266.6	-1.6013	
181.50	-0.284	266.5	-1.6022	
181.58	-0.283	266.5	-1.6031	
181.68	-0.282	266.3	-1.604	
181.75	-0.281	266.2	-1.6049	
181.83	-0.279	266.1	-1.6049	
181.92	-0.277	266.1	-1.6049	
182.00	-0.274	266.1	-1.6049	
182.08	-0.273	266.1	-1.6049	
182.17	-0.273	266	-1.6057	
182.25	-0.268	266.1	-1.604	
182.33	-0.265	266.1	-1.604	
182.42	-0.263	266.1	-1.604	
182.50	-0.26	266.1	-1.6031	
182.58	-0.257	266.1	-1.6022	
182.67	-0.254	266.2	-1.6013	
182.75	-0.251	266.2	-1.6004	
182.83	-0.247	266.3	-1.5995	
182.92	-0.245	266.3	-1.5995	
183.00	-0.242	266.4	-1.5986	
183.10	-0.238	266.5	-1.5969	
183.17	-0.234	266.6	-1.596	
183.25	-0.229	266.7	-1.5951	
183.33	-0.226	266.8	-1.5924	
183.42	-0.222	266.9	-1.5915	
183.50	-0.216	267.1	-1.5907	
183.58	-0.211	267.3	-1.5898	
183.67	-0.208	267.4	-1.5871	
183.75	-0.205	267.5	-1.5862	
183.83	-0.198	267.7	-1.5844	
183.92	-0.195	267.9	-1.5827	
184.00	-0.191	268	-1.5809	
184.08	-0.183	268.2	-1.5791	
184.17	-0.178	268.5	-1.5782	
184.25	-0.175	268.7	-1.5747	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
184.33	-0.17	268.9	-1.5729	
184.42	-0.162	269.1	-1.5702	
184.50	-0.16	269.3	-1.5693	
184.58	-0.154	269.6	-1.5658	
184.67	-0.149	269.8	-1.564	
184.75	-0.141	270	-1.5614	
184.83	-0.137	270.3	-1.5587	
184.92	-0.132	270.6	-1.556	
185.00	-0.123	270.9	-1.5534	
185.08	-0.118	271.3	-1.5507	
185.17	-0.113	271.5	-1.5463	
185.25	-0.106	271.8	-1.5436	
185.33	-0.097	272.1	-1.5401	
185.42	-0.096	272.3	-1.5374	
185.50	-0.089	272.6	-1.5338	
185.58	-0.079	272.9	-1.5294	
185.67	-0.073	273.4	-1.5267	
185.75	-0.069	273.6	-1.5214	
185.83	-0.061	274	-1.517	
185.92	-0.054	274.3	-1.5125	
186.02	-0.047	274.7	-1.5081	
186.08	-0.043	275	-1.5037	
186.17	-0.035	275.4	-1.4983	
186.25	-0.029	275.7	-1.4939	
186.33	-0.025	276	-1.4895	
186.42	-0.017	276.3	-1.485	
186.50	-0.005	276.8	-1.4806	
186.58	-0.002	277.1	-1.4761	
186.67	0.003	277.3	-1.4673	
186.75	0.01	277.6	-1.4619	
186.83	0.015	278	-1.4575	
186.92	0.02	278.3	-1.4513	
187.00	0.029	278.6	-1.4433	
187.08	0.038	279.2	-1.4362	
187.17	0.047	279.6	-1.43	
187.25	0.05	279.9	-1.4193	
187.33	0.056	280.3	-1.4113	
187.43	0.065	280.8	-1.4025	
187.50	0.07	281.1	-1.3963	
187.58	0.075	281.5	-1.3847	
187.67	0.083	281.9	-1.3758	
187.75	0.088	282.2	-1.3652	
187.83	0.093	282.6	-1.3537	
187.92	0.1	283	-1.343	
188.00	0.11	283.5	-1.3315	
188.08	0.115	283.9	-1.3199	
188.17	0.12	284.3	-1.3004	
188.25	0.127	284.6	-1.2853	
188.33	0.134	285	-1.2702	
188.42	0.137	285.4	-1.2551	
188.50	0.144	285.8	-1.2365	
188.58	0.151	286.4	-1.2161	
188.67	0.158	286.8	-1.1983	
188.75	0.162	287.1	-1.1664	
188.83	0.169	287.6	-1.1433	
188.93	0.174	288.2	-1.1211	
189.00	0.181	288.6	-1.1007	
189.08	0.185	288.9	-1.0652	
189.17	0.19	289.3	-1.0385	
189.25	0.196	289.7	-1.0119	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
189.33	0.2	290.1	-0.9862	
189.42	0.205	290.5	-0.9587	
189.50	0.212	291.1	-0.932	
189.58	0.216	291.4	-0.9063	
189.67	0.218	291.8	-0.8663	
189.75	0.225	292.1	-0.8415	
189.83	0.231	292.5	-0.8131	
189.92	0.233	292.9	-0.7909	
190.00	0.238	293.2	-0.7634	
190.08	0.243	293.7	-0.7403	
190.17	0.248	294.1	-0.7172	
190.25	0.251	294.4	-0.679	
190.35	0.255	294.8	-0.6569	
190.42	0.259	295.2	-0.6373	
190.50	0.263	295.6	-0.6187	
190.58	0.265	295.9	-0.5894	
190.67	0.269	296.2	-0.5699	
190.75	0.272	296.5	-0.5503	
190.83	0.275	296.8	-0.5335	
190.92	0.279	297.1	-0.5157	
191.00	0.283	297.5	-0.5033	
191.08	0.283	297.8	-0.4891	
191.17	0.285	298	-0.4678	
191.25	0.288	298.3	-0.4536	
191.33	0.291	298.6	-0.4385	
191.42	0.292	298.8	-0.4261	
191.50	0.296	299	-0.4145	
191.58	0.298	299.4	-0.4048	
191.67	0.299	299.6	-0.395	
191.75	0.3	299.8	-0.3817	
191.85	0.301	300.1	-0.3728	
191.92	0.302	300.3	-0.3657	
192.00	0.304	300.5	-0.3595	
192.08	0.304	300.7	-0.3497	
192.17	0.305	300.9	-0.3444	
192.25	0.306	301	-0.3391	
192.33	0.306	301.2	-0.3346	
192.42	0.306	301.4	-0.3302	
192.50	0.308	301.6	-0.3267	
192.58	0.308	301.7	-0.324	
192.67	0.303	302	-0.3213	
192.75	0.304	302.1	-0.3196	
192.83	0.303	302.2	-0.3187	
192.92	0.304	302.3	-0.3169	
193.00	0.302	302.4	-0.316	
193.08	0.3	302.6	-0.316	
193.17	0.301	302.7	-0.3151	
193.27	0.299	302.8	-0.3142	
193.33	0.298	302.9	-0.3142	
193.42	0.295	303	-0.3133	
193.50	0.295	303.1	-0.3133	
193.58	0.293	303.1	-0.3133	
193.67	0.291	303.2	-0.3142	
193.75	0.29	303.2	-0.3142	
193.83	0.288	303.3	-0.3142	
193.92	0.283	303.3	-0.3151	
194.00	0.28	303.4	-0.3151	
194.08	0.279	303.4	-0.3151	
194.17	0.277	303.5	-0.316	
194.25	0.273	303.4	-0.3169	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
194.33	0.271	303.5	-0.3169	
194.42	0.268	303.5	-0.3178	
194.50	0.264	303.4	-0.3187	
194.58	0.259	303.4	-0.3187	
194.67	0.257	303.4	-0.3196	
194.77	0.254	303.4	-0.3204	
194.83	0.248	303.4	-0.3213	
194.92	0.242	303.3	-0.3222	
195.00	0.241	303.3	-0.3222	
195.08	0.238	303.3	-0.324	
195.17	0.231	303.2	-0.3249	
195.25	0.229	303.2	-0.3258	
195.33	0.224	303.1	-0.3267	
195.42	0.218	303.1	-0.3275	
195.50	0.213	303	-0.3284	
195.58	0.207	302.9	-0.3293	
195.67	0.206	302.8	-0.3311	
195.75	0.197	302.7	-0.3329	
195.83	0.194	302.6	-0.3338	
195.92	0.19	302.5	-0.3346	
196.00	0.184	302.4	-0.3364	
196.08	0.177	302.3	-0.3382	
196.18	0.17	302.1	-0.34	
196.25	0.168	302.1	-0.3409	
196.33	0.162	301.9	-0.3426	
196.42	0.155	301.7	-0.3444	
196.50	0.147	301.6	-0.3453	
196.58	0.142	301.4	-0.348	
196.67	0.138	301.3	-0.3497	
196.75	0.13	301.1	-0.3524	
196.83	0.125	301	-0.3542	
196.92	0.119	300.8	-0.3559	
197.00	0.111	300.5	-0.3595	
197.08	0.105	300.4	-0.3604	
197.17	0.1	300.2	-0.3648	
197.25	0.092	299.9	-0.3675	
197.33	0.087	299.8	-0.3701	
197.42	0.083	299.6	-0.3728	
197.50	0.076	299.4	-0.3755	
197.60	0.064	299	-0.3808	
197.67	0.062	298.9	-0.3835	
197.75	0.056	298.6	-0.3861	
197.83	0.048	298.4	-0.3897	
197.92	0.038	298	-0.3941	
198.00	0.036	297.8	-0.3968	
198.08	0.03	297.6	-0.4012	
198.17	0.02	297.3	-0.4065	
198.25	0.014	297	-0.411	
198.33	0.009	296.8	-0.4145	
198.42	0	296.5	-0.4199	
198.50	-0.011	296	-0.4234	
198.58	-0.012	295.8	-0.4305	
198.67	-0.02	295.5	-0.4358	
198.75	-0.026	295.2	-0.442	
198.83	-0.033	294.9	-0.4474	
198.92	-0.037	294.6	-0.4518	
199.00	-0.043	294.3	-0.4589	
199.10	-0.052	293.8	-0.4687	
199.17	-0.058	293.5	-0.474	
199.25	-0.064	293.2	-0.4802	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
199.33	-0.074	292.9	-0.4873	
199.42	-0.077	292.5	-0.4926	
199.50	-0.088	292.1	-0.5077	
199.58	-0.088	291.9	-0.5148	
199.67	-0.1	291.4	-0.5246	
199.75	-0.102	291.1	-0.5317	
199.83	-0.107	290.8	-0.5406	
199.92	-0.118	290.4	-0.5521	
200.00	-0.123	290	-0.5601	
200.08	-0.13	289.6	-0.5787	
200.17	-0.134	289.3	-0.5921	
200.25	-0.139	289.1	-0.6054	
200.33	-0.145	288.8	-0.6222	
200.42	-0.149	288.5	-0.6391	
200.52	-0.156	288.1	-0.6648	
200.58	-0.161	287.6	-0.6826	
200.67	-0.168	287.2	-0.7083	
200.75	-0.171	287	-0.7305	
200.83	-0.176	286.7	-0.7554	
200.92	-0.184	285.9	-0.7882	
201.00	-0.189	285.6	-0.8299	
201.08	-0.192	285.1	-0.8583	
201.17	-0.2	284.2	-0.8921	
201.25	-0.203	283.8	-0.9231	
201.33	-0.206	283.3	-0.9507	
201.42	-0.211	282.9	-0.9826	
201.50	-0.217	282.2	-1.0128	
201.58	-0.22	281.8	-1.0581	
201.67	-0.224	281.4	-1.0882	
201.75	-0.229	280.9	-1.1167	
201.83	-0.232	280.5	-1.1459	
201.92	-0.234	280.1	-1.1743	
202.02	-0.24	279.4	-1.2134	
202.08	-0.246	278.9	-1.24	
202.17	-0.246	278.5	-1.2613	
202.25	-0.249	278.1	-1.2862	
202.33	-0.253	277.7	-1.3093	
202.42	-0.257	277	-1.3306	
202.50	-0.259	276.6	-1.3616	
202.58	-0.261	276.2	-1.3821	
202.67	-0.265	275.8	-1.4025	
202.75	-0.267	275.4	-1.4211	
202.83	-0.269	275	-1.438	
202.92	-0.272	274.6	-1.4531	
203.00	-0.275	274	-1.469	
203.08	-0.275	273.7	-1.4903	
203.17	-0.277	273.3	-1.5046	
203.25	-0.279	272.9	-1.517	
203.33	-0.28	272.6	-1.5285	
203.43	-0.283	272.1	-1.5463	
203.50	-0.283	271.8	-1.556	
203.58	-0.284	271.5	-1.5649	
203.67	-0.285	271.2	-1.5729	
203.75	-0.286	270.9	-1.5809	
203.83	-0.287	270.6	-1.5889	
203.92	-0.287	270.2	-1.5969	
204.00	-0.288	269.9	-1.6057	
204.08	-0.288	269.7	-1.6111	
204.17	-0.288	269.5	-1.6164	
204.25	-0.289	269.3	-1.6208	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)		
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)		
frequenza (hz)	0.0007143		frequenza (hz)		
204.33	-0.288	269.1	-1.6253		
204.42	-0.288	269	-1.6288		
204.50	-0.287	268.7	-1.6315		
204.58	-0.287	268.6	-1.635		
204.67	-0.286	268.5	-1.6368		
204.75	-0.285	268.4	-1.6386		
204.83	-0.284	268.3	-1.6395		
204.93	-0.282	268.1	-1.6404		
205.00	-0.281	268	-1.6412		
205.08	-0.28	267.7	-1.6412		
205.17	-0.279	267.6	-1.6421		
205.25	-0.277	267.5	-1.6421		
205.33	-0.274	267.5	-1.6421		
205.42	-0.271	267.5	-1.6421		
205.50	-0.271	267.4	-1.6412		
205.58	-0.269	267.4	-1.6412		
205.67	-0.264	267.5	-1.6404		
205.75	-0.263	267.5	-1.6395		
205.83	-0.261	267.5	-1.6395		
205.92	-0.256	267.6	-1.6386		
206.00	-0.253	267.6	-1.6377		
206.08	-0.251	267.7	-1.6368		
206.17	-0.247	267.7	-1.6359		
206.25	-0.244	267.8	-1.6359		
206.35	-0.24	267.9	-1.635		
206.42	-0.238	268	-1.6333		
206.50	-0.233	268.1	-1.6324		
206.58	-0.229	268.2	-1.6315		
206.67	-0.227	268.3	-1.6306		
206.75	-0.222	268.4	-1.6288		
206.83	-0.218	268.6	-1.6279		
206.92	-0.211	268.8	-1.6262		
207.00	-0.21	268.9	-1.6244		
207.08	-0.204	269.1	-1.6235		
207.17	-0.198	269.2	-1.6217		
207.25	-0.196	269.4	-1.6199		
207.33	-0.191	269.5	-1.6182		
207.42	-0.184	269.8	-1.6164		
207.50	-0.177	270.1	-1.6146		
207.58	-0.174	270.2	-1.612		
207.67	-0.17	270.5	-1.6102		
207.77	-0.163	270.7	-1.6084		
207.83	-0.155	271	-1.6066		
207.92	-0.153	271.3	-1.6031		
208.00	-0.148	271.5	-1.6004		
208.08	-0.14	271.7	-1.5986		
208.17	-0.137	271.9	-1.596		
208.25	-0.131	272.2	-1.5924		
208.33	-0.121	272.4	-1.5898		
208.42	-0.116	272.7	-1.5871		
208.50	-0.112	272.9	-1.5827		
208.58	-0.106	273.2	-1.5791		
208.67	-0.1	273.4	-1.5765		
208.75	-0.097	273.7	-1.5738		
208.83	-0.089	273.9	-1.5693		
208.92	-0.08	274.3	-1.5658		
209.00	-0.072	274.7	-1.5622		
209.08	-0.068	275	-1.556		
209.17	-0.062	275.3	-1.5525		
209.27	-0.054	275.6	-1.548		

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
209.33	-0.046	276.1	-1.5445
209.42	-0.043	276.3	-1.5383
209.50	-0.037	276.6	-1.5347
209.58	-0.027	277	-1.5294
209.67	-0.024	277.3	-1.525
209.75	-0.018	277.7	-1.5205
209.83	-0.009	278	-1.5152
209.92	0	278.5	-1.5099
210.00	0.003	278.8	-1.501
210.08	0.01	279.2	-1.4957
210.17	0.018	279.6	-1.4895
210.25	0.023	279.9	-1.4832
210.33	0.032	280.3	-1.477
210.42	0.038	280.6	-1.4717
210.50	0.047	281.2	-1.4646
210.58	0.05	281.5	-1.4522
210.68	0.057	281.9	-1.4433
210.75	0.065	282.3	-1.4371
210.83	0.073	282.8	-1.4291
210.92	0.076	283.2	-1.4158
211.00	0.083	283.6	-1.4051
211.08	0.091	283.9	-1.3954
211.17	0.095	284.3	-1.3856
211.25	0.1	284.7	-1.3741
211.33	0.112	285.1	-1.3616
211.42	0.117	285.6	-1.351
211.50	0.12	286	-1.3297
211.58	0.127	286.4	-1.3128
211.67	0.133	286.8	-1.2968
211.75	0.137	287.2	-1.2818
211.83	0.144	287.6	-1.2622
211.92	0.152	288	-1.2436
212.00	0.159	288.6	-1.2232
212.08	0.162	289	-1.1894
212.18	0.169	289.4	-1.1637
212.25	0.175	289.8	-1.1451
212.33	0.181	290.4	-1.1229
212.42	0.184	290.8	-1.0838
212.50	0.19	291.1	-1.0545
212.58	0.196	291.6	-1.0279
212.67	0.199	291.9	-1.0021
212.75	0.207	292.3	-0.9711
212.83	0.21	292.7	-0.9471
212.92	0.217	293.3	-0.9231
213.00	0.222	293.7	-0.8752
213.08	0.225	294	-0.853
213.17	0.23	294.4	-0.8246
213.25	0.234	294.8	-0.798
213.33	0.237	295.1	-0.774
213.42	0.242	295.5	-0.7483
213.50	0.248	296	-0.7261
213.60	0.251	296.4	-0.6897
213.67	0.254	296.7	-0.6684
213.75	0.26	297	-0.6506
213.83	0.264	297.5	-0.6293
213.92	0.265	297.8	-0.6
214.00	0.269	298.1	-0.5796
214.08	0.273	298.4	-0.5619
214.17	0.274	298.7	-0.5441
214.25	0.277	299	-0.5281

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
214.33	0.281	299.3	-0.5104
214.42	0.284	299.7	-0.4953
214.50	0.287	299.9	-0.4731
214.58	0.288	300.2	-0.4598
214.67	0.29	300.5	-0.4474
214.75	0.292	300.7	-0.4358
214.83	0.295	300.9	-0.4243
214.92	0.296	301.2	-0.4136
215.00	0.299	301.5	-0.4048
215.10	0.299	301.7	-0.3914
215.17	0.302	301.9	-0.3835
215.25	0.303	302.1	-0.3772
215.33	0.303	302.4	-0.3693
215.42	0.304	302.5	-0.3604
215.50	0.304	302.7	-0.3542
215.58	0.306	302.9	-0.3488
215.67	0.306	303.1	-0.3444
215.75	0.307	303.2	-0.3409
215.83	0.304	303.4	-0.3382
215.92	0.305	303.6	-0.3355
216.00	0.304	303.8	-0.3338
216.08	0.303	303.9	-0.332
216.17	0.304	304.1	-0.3302
216.25	0.302	304.2	-0.3293
216.33	0.302	304.3	-0.3284
216.42	0.301	304.4	-0.3275
216.52	0.3	304.6	-0.3267
216.58	0.299	304.7	-0.3267
216.67	0.298	304.8	-0.3258
216.75	0.295	304.9	-0.3258
216.83	0.295	305	-0.3258
216.92	0.293	305	-0.3258
217.00	0.291	305.1	-0.3258
217.08	0.288	305.1	-0.3258
217.17	0.287	305.2	-0.3267
217.25	0.284	305.2	-0.3267
217.33	0.282	305.2	-0.3267
217.42	0.278	305.3	-0.3275
217.50	0.276	305.3	-0.3275
217.58	0.273	305.3	-0.3284
217.67	0.269	305.3	-0.3284
217.75	0.267	305.3	-0.3293
217.83	0.264	305.3	-0.3293
217.93	0.259	305.3	-0.3302
218.00	0.256	305.3	-0.3311
218.08	0.253	305.3	-0.332
218.17	0.25	305.3	-0.332
218.25	0.244	305.2	-0.3329
218.33	0.239	305.2	-0.3338
218.42	0.235	305.1	-0.3355
218.50	0.233	305.1	-0.3355
218.58	0.228	305	-0.3364
218.67	0.225	305	-0.3373
218.75	0.219	304.9	-0.3382
218.83	0.212	304.8	-0.34
218.92	0.208	304.7	-0.3409
219.00	0.205	304.6	-0.3426
219.08	0.2	304.5	-0.3435
219.17	0.193	304.4	-0.3444
219.25	0.189	304.3	-0.3453

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
219.33	0.184	304.2	-0.3471	
219.43	0.178	304	-0.3488	
219.50	0.172	303.9	-0.3506	
219.58	0.168	303.8	-0.3515	
219.67	0.162	303.7	-0.3533	
219.75	0.154	303.6	-0.3551	
219.83	0.148	303.4	-0.3586	
219.92	0.145	303.2	-0.3613	
220.00	0.137	303	-0.363	
220.08	0.13	302.9	-0.3657	
220.17	0.125	302.7	-0.3675	
220.25	0.122	302.6	-0.3693	
220.33	0.111	302.3	-0.3728	
220.42	0.104	302.1	-0.3746	
220.50	0.101	302	-0.3781	
220.58	0.092	301.8	-0.3808	
220.67	0.088	301.5	-0.3835	
220.75	0.082	301.3	-0.3861	
220.83	0.075	301.1	-0.3897	
220.92	0.069	300.8	-0.3932	
221.00	0.061	300.6	-0.3968	
221.08	0.056	300.4	-0.3994	
221.17	0.052	300.2	-0.403	
221.25	0.04	299.8	-0.4074	
221.33	0.032	299.5	-0.411	
221.42	0.028	299.3	-0.4163	
221.50	0.021	299	-0.4199	
221.58	0.013	298.7	-0.4243	
221.67	0.011	298.5	-0.4287	
221.75	0.002	298.2	-0.4332	
221.83	-0.007	297.9	-0.4385	
221.92	-0.014	297.5	-0.4429	
222.00	-0.021	297.2	-0.4518	
222.08	-0.026	296.9	-0.4562	
222.17	-0.033	296.6	-0.4625	
222.25	-0.037	296.3	-0.4678	
222.35	-0.045	295.9	-0.4767	
222.42	-0.052	295.5	-0.482	
222.50	-0.059	295.2	-0.4882	
222.58	-0.063	294.9	-0.4953	
222.67	-0.07	294.5	-0.5024	
222.75	-0.079	294.2	-0.5104	
222.83	-0.087	293.7	-0.5175	
222.92	-0.089	293.4	-0.529	
223.00	-0.097	293.1	-0.5388	
223.08	-0.105	292.7	-0.5486	
223.17	-0.108	292.4	-0.5574	
223.25	-0.114	292	-0.5681	
223.33	-0.122	291.7	-0.5779	
223.42	-0.129	291.1	-0.5903	
223.50	-0.134	290.8	-0.6098	
223.58	-0.139	290.5	-0.6249	
223.67	-0.146	290.1	-0.6418	
223.77	-0.152	289.8	-0.6577	
223.83	-0.155	289.5	-0.6826	
223.92	-0.161	289.2	-0.7066	
224.00	-0.168	288.9	-0.7332	
224.08	-0.172	288.4	-0.7572	
224.17	-0.178	288	-0.7838	
224.25	-0.185	287.7	-0.8113	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
224.33	-0.19	287.1	-0.8433	
224.42	-0.194	286.6	-0.8921	
224.50	-0.198	286.2	-0.924	
224.58	-0.203	286	-0.9542	
224.67	-0.207	285.3	-0.9862	
224.75	-0.21	284.4	-1.0181	
224.83	-0.215	283.9	-1.051	
224.92	-0.222	283.3	-1.0829	
225.00	-0.223	282.8	-1.1273	
225.08	-0.228	282.4	-1.1575	
225.17	-0.233	281.9	-1.1859	
225.27	-0.237	281.3	-1.209	
225.33	-0.239	280.9	-1.2471	
225.42	-0.243	280.4	-1.2755	
225.50	-0.247	279.9	-1.2995	
225.58	-0.249	279.5	-1.3235	
225.67	-0.252	279.1	-1.3439	
225.75	-0.257	278.5	-1.3687	
225.83	-0.259	277.9	-1.3892	
225.92	-0.261	277.5	-1.4193	
226.00	-0.264	277	-1.4398	
226.08	-0.267	276.6	-1.4575	
226.17	-0.269	276.1	-1.4744	
226.25	-0.271	275.7	-1.4903	
226.33	-0.273	275.3	-1.5063	
226.42	-0.276	274.6	-1.5205	
226.50	-0.277	274.3	-1.5409	
226.58	-0.28	273.9	-1.5551	
226.68	-0.281	273.6	-1.5658	
226.75	-0.282	273.1	-1.5756	
226.83	-0.283	272.8	-1.5907	
226.92	-0.284	272.5	-1.6004	
227.00	-0.285	272.3	-1.6084	
227.08	-0.285	272	-1.6164	
227.17	-0.287	271.7	-1.6244	
227.25	-0.287	271.4	-1.6306	
227.33	-0.288	271.1	-1.6368	
227.42	-0.288	270.9	-1.6448	
227.50	-0.288	270.7	-1.6501	
227.58	-0.288	270.5	-1.6537	
227.67	-0.288	270.2	-1.6581	
227.75	-0.287	270.1	-1.6608	
227.83	-0.287	269.9	-1.6634	
227.92	-0.286	269.7	-1.6661	
228.00	-0.285	269.6	-1.6688	
228.08	-0.285	269.5	-1.6705	
228.17	-0.283	269.4	-1.6723	
228.25	-0.282	269.2	-1.6732	
228.33	-0.282	269.1	-1.6741	
228.42	-0.279	269.1	-1.6741	
228.50	-0.278	269	-1.6741	
228.58	-0.277	269	-1.6741	
228.67	-0.275	269	-1.6741	
228.75	-0.272	268.9	-1.6741	
228.83	-0.27	268.9	-1.6732	
228.92	-0.268	268.9	-1.6732	
229.00	-0.265	268.9	-1.6732	
229.08	-0.262	269	-1.6723	
229.17	-0.26	269	-1.6714	
229.25	-0.258	269	-1.6714	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
229.33	-0.254	269.1	-1.6705	
229.42	-0.25	269.2	-1.6697	
229.50	-0.248	269.2	-1.6688	
229.60	-0.245	269.3	-1.6679	
229.67	-0.24	269.4	-1.667	
229.75	-0.236	269.5	-1.6661	
229.83	-0.233	269.6	-1.6643	
229.92	-0.229	269.7	-1.6634	
230.00	-0.224	269.8	-1.6626	
230.08	-0.222	269.9	-1.6608	
230.17	-0.218	270	-1.6599	
230.25	-0.211	270.2	-1.659	
230.33	-0.207	270.4	-1.6572	
230.42	-0.204	270.6	-1.6555	
230.50	-0.198	270.8	-1.6537	
230.58	-0.194	270.9	-1.6519	
230.67	-0.191	271.1	-1.651	
230.75	-0.185	271.3	-1.6492	
230.83	-0.179	271.6	-1.6475	
230.92	-0.173	271.8	-1.6448	
231.00	-0.169	272	-1.6421	
231.08	-0.164	272.2	-1.6404	
231.17	-0.157	272.5	-1.6386	
231.25	-0.152	272.7	-1.6359	
231.33	-0.147	273	-1.6324	
231.42	-0.14	273.2	-1.6306	
231.50	-0.134	273.5	-1.6279	
231.58	-0.131	273.7	-1.6253	
231.67	-0.126	273.9	-1.6226	
231.75	-0.118	274.4	-1.6191	
231.83	-0.109	274.7	-1.6164	
231.92	-0.106	274.9	-1.612	
232.00	-0.1	275.2	-1.6093	
232.08	-0.09	275.5	-1.6049	
232.17	-0.091	275.7	-1.6022	
232.25	-0.082	276.1	-1.5986	
232.33	-0.074	276.5	-1.5951	
232.42	-0.066	276.8	-1.5907	
232.52	-0.063	277	-1.5853	
232.58	-0.055	277.3	-1.5809	
232.67	-0.046	277.7	-1.5765	
232.75	-0.041	277.9	-1.5729	
232.83	-0.037	278.2	-1.5658	
232.92	-0.028	278.5	-1.5614	
233.00	-0.022	278.9	-1.556	
233.08	-0.018	279.2	-1.5516	
233.17	-0.011	279.6	-1.5454	
233.25	-0.001	280.1	-1.5401	
233.33	0.006	280.5	-1.5347	
233.42	0.01	280.8	-1.5259	
233.50	0.017	281.1	-1.5205	
233.58	0.026	281.6	-1.5125	
233.67	0.029	281.9	-1.5063	
233.75	0.036	282.2	-1.5001	
233.83	0.045	282.8	-1.493	
233.93	0.052	283.1	-1.4815	
234.00	0.055	283.5	-1.4753	
234.08	0.062	283.8	-1.4673	
234.17	0.071	284.4	-1.4593	
234.25	0.078	284.8	-1.4504	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500			tensione di confinamento (kPa)		
deviatore ciclico (kPa)	270			deviatore ciclico (kPa)		
frequenza (hz)	0.0007143			frequenza (hz)		
234.33	0.08	285.1	-1.4371			
234.42	0.09	285.5	-1.4264			
234.50	0.095	285.9	-1.4158			
234.58	0.099	286.2	-1.4042			
234.67	0.109	286.6	-1.3918			
234.75	0.114	287.2	-1.3776			
234.83	0.123	287.7	-1.3634			
234.92	0.127	288.1	-1.3386			
235.00	0.133	288.5	-1.3208			
235.08	0.139	288.9	-1.3031			
235.17	0.144	289.3	-1.2826			
235.25	0.152	289.7	-1.2613			
235.33	0.158	290.3	-1.2462			
235.43	0.162	290.6	-1.2152			
235.50	0.164	291	-1.1948			
235.58	0.173	291.4	-1.1699			
235.67	0.181	292	-1.1451			
235.75	0.185	292.4	-1.1167			
235.83	0.189	292.8	-1.0758			
235.92	0.196	293.2	-1.0448			
236.00	0.199	293.6	-1.0226			
236.08	0.205	294	-0.9915			
236.17	0.209	294.4	-0.9649			
236.25	0.213	295	-0.9444			
236.33	0.218	295.4	-0.9205			
236.42	0.221	295.7	-0.8805			
236.50	0.226	296.1	-0.8557			
236.58	0.232	296.6	-0.8255			
236.67	0.235	296.9	-0.7989			
236.75	0.239	297.3	-0.774			
236.85	0.245	297.8	-0.7359			
236.92	0.249	298.1	-0.7154			
237.00	0.251	298.4	-0.6924			
237.08	0.255	298.7	-0.6702			
237.17	0.262	299.2	-0.6471			
237.25	0.266	299.6	-0.6249			
237.33	0.267	299.9	-0.5956			
237.42	0.272	300.2	-0.5752			
237.50	0.274	300.5	-0.5583			
237.58	0.276	300.7	-0.5423			
237.67	0.279	301	-0.5255			
237.75	0.285	301.4	-0.5104			
237.83	0.285	301.7	-0.4953			
237.92	0.286	301.9	-0.4758			
238.00	0.289	302.2	-0.4625			
238.08	0.293	302.4	-0.4483			
238.17	0.294	302.7	-0.4358			
238.25	0.295	302.9	-0.427			
238.33	0.298	303.2	-0.411			
238.42	0.298	303.4	-0.403			
238.50	0.3	303.6	-0.395			
238.58	0.301	303.8	-0.3879			
238.67	0.304	304.1	-0.3808			
238.75	0.304	304.3	-0.3746			
238.83	0.304	304.5	-0.3657			
238.92	0.304	304.7	-0.3604			
239.00	0.306	304.9	-0.3559			
239.08	0.306	305	-0.3515			
239.17	0.306	305.2	-0.348			
239.25	0.307	305.4	-0.3453			

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
239.33	0.306	305.5	-0.3426	
239.42	0.306	305.6	-0.3391	
239.50	0.304	305.7	-0.3382	
239.58	0.306	305.9	-0.3355	
239.67	0.305	306	-0.3346	
239.77	0.303	306.1	-0.3329	
239.83	0.302	306.2	-0.332	
239.92	0.302	306.3	-0.332	
240.00	0.3	306.4	-0.3311	
240.08	0.298	306.5	-0.3311	
240.17	0.297	306.6	-0.3311	
240.25	0.295	306.6	-0.3311	
240.33	0.292	306.7	-0.3311	
240.42	0.291	306.7	-0.3311	
240.50	0.288	306.7	-0.3311	
240.58	0.287	306.8	-0.3311	
240.67	0.284	306.8	-0.332	
240.75	0.28	306.9	-0.332	
240.83	0.278	306.9	-0.3329	
240.92	0.274	306.9	-0.3329	
241.00	0.271	306.9	-0.3338	
241.08	0.27	306.9	-0.3338	
241.17	0.264	306.9	-0.3346	
241.25	0.263	306.9	-0.3355	
241.33	0.258	306.9	-0.3355	
241.42	0.254	306.8	-0.3364	
241.50	0.252	306.8	-0.3373	
241.58	0.247	306.8	-0.3382	
241.67	0.241	306.7	-0.3391	
241.75	0.238	306.7	-0.34	
241.83	0.234	306.7	-0.3409	
241.92	0.229	306.6	-0.3417	
242.00	0.224	306.5	-0.3426	
242.08	0.222	306.5	-0.3435	
242.17	0.216	306.4	-0.3444	
242.25	0.208	306.3	-0.3453	
242.33	0.203	306.2	-0.3471	
242.42	0.2	306.1	-0.348	
242.50	0.194	306	-0.3488	
242.58	0.19	305.9	-0.3506	
242.68	0.183	305.8	-0.3524	
242.75	0.178	305.7	-0.3542	
242.83	0.171	305.5	-0.3559	
242.92	0.166	305.4	-0.3568	
243.00	0.162	305.3	-0.3586	
243.08	0.155	305.2	-0.3604	
243.17	0.144	305	-0.3622	
243.25	0.14	304.9	-0.3657	
243.33	0.136	304.7	-0.3675	
243.42	0.129	304.5	-0.3693	
243.50	0.125	304.3	-0.3719	
243.58	0.121	304.1	-0.3728	
243.67	0.113	303.9	-0.3755	
243.75	0.106	303.7	-0.3781	
243.83	0.099	303.5	-0.3817	
243.92	0.093	303.3	-0.3843	
244.00	0.086	303.1	-0.3879	
244.10	0.078	302.8	-0.3897	
244.17	0.073	302.6	-0.395	
244.25	0.067	302.4	-0.3977	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
244.33	0.06	302.1	-0.4003	
244.42	0.054	301.9	-0.4048	
244.50	0.049	301.7	-0.4074	
244.58	0.041	301.4	-0.411	
244.67	0.033	301.1	-0.4145	
244.75	0.028	300.8	-0.4199	
244.83	0.021	300.6	-0.4243	
244.92	0.013	300.3	-0.4287	
245.00	0.009	300	-0.4332	
245.08	0.005	299.8	-0.4376	
245.17	-0.007	299.4	-0.4438	
245.25	-0.015	299	-0.4474	
245.33	-0.019	298.7	-0.4554	
245.42	-0.025	298.4	-0.4616	
245.50	-0.034	298.1	-0.4678	
245.60	-0.043	297.7	-0.4713	
245.67	-0.046	297.4	-0.482	
245.75	-0.052	297.1	-0.4873	
245.83	-0.06	296.8	-0.4944	
245.92	-0.064	296.5	-0.5015	
246.00	-0.069	296.1	-0.5077	
246.08	-0.077	295.7	-0.5166	
246.17	-0.087	295.2	-0.5246	
246.25	-0.092	294.9	-0.537	
246.33	-0.096	294.5	-0.5459	
246.42	-0.104	294.2	-0.5548	
246.50	-0.108	293.8	-0.5654	
246.58	-0.114	293.5	-0.5752	
246.67	-0.123	293.1	-0.5876	
246.75	-0.13	292.6	-0.5992	
246.83	-0.133	292.2	-0.6187	
246.92	-0.136	291.9	-0.6329	
247.02	-0.146	291.5	-0.6577	
247.08	-0.153	291.1	-0.6728	
247.17	-0.156	290.8	-0.7012	
247.25	-0.162	290.5	-0.7252	
247.33	-0.168	290.2	-0.7492	
247.42	-0.171	290	-0.7731	
247.50	-0.176	289.4	-0.8042	
247.58	-0.184	289	-0.8353	
247.67	-0.19	288.6	-0.8646	
247.75	-0.193	288.1	-0.9134	
247.83	-0.198	287.6	-0.9489	
247.92	-0.203	287.2	-0.9817	
248.00	-0.207	286.7	-1.0146	
248.08	-0.21	285.7	-1.0448	
248.17	-0.214	285.2	-1.0767	
248.25	-0.223	284.5	-1.1131	
248.33	-0.225	284.1	-1.161	
248.42	-0.232	283.6	-1.1948	
248.50	-0.232	283.3	-1.2178	
248.58	-0.236	282.6	-1.2391	
248.67	-0.239	282.1	-1.2764	
248.75	-0.243	281.7	-1.3031	
248.83	-0.245	281.2	-1.3261	
248.92	-0.249	280.8	-1.3537	
249.00	-0.252	280.3	-1.3776	
249.08	-0.256	279.9	-1.3998	
249.17	-0.26	279.2	-1.4202	
249.25	-0.261	278.7	-1.4513	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
249.33	-0.264	278.3	-1.4699	
249.42	-0.268	277.9	-1.4877	
249.50	-0.268	277.4	-1.5046	
249.58	-0.271	277	-1.5214	
249.67	-0.274	276.6	-1.5374	
249.75	-0.275	276.1	-1.5525	
249.83	-0.277	275.7	-1.572	
249.93	-0.278	275.3	-1.5836	
250.00	-0.28	274.9	-1.5969	
250.08	-0.282	274.4	-1.6075	
250.17	-0.283	274.1	-1.6226	
250.25	-0.284	273.8	-1.6315	
250.33	-0.287	273.5	-1.6412	
250.42	-0.288	273.3	-1.651	
250.50	-0.286	273	-1.6581	
250.58	-0.287	272.8	-1.6634	
250.67	-0.287	272.4	-1.6688	
250.75	-0.288	272.2	-1.6759	
250.83	-0.288	272	-1.6803	
250.92	-0.288	271.8	-1.6847	
251.00	-0.289	271.6	-1.6883	
251.08	-0.287	271.4	-1.691	
251.17	-0.287	271.3	-1.6945	
251.25	-0.286	271.1	-1.6963	
251.33	-0.285	271	-1.6989	
251.42	-0.285	270.8	-1.7007	
251.50	-0.283	270.7	-1.7016	
251.58	-0.282	270.6	-1.7025	
251.67	-0.281	270.5	-1.7034	
251.75	-0.28	270.4	-1.7034	
251.83	-0.278	270.3	-1.7043	
251.92	-0.276	270.3	-1.7043	
252.00	-0.275	270.2	-1.7043	
252.08	-0.272	270.2	-1.7034	
252.17	-0.269	270.2	-1.7034	
252.25	-0.268	270.2	-1.7034	
252.33	-0.266	270.2	-1.7025	
252.42	-0.262	270.3	-1.7016	
252.50	-0.26	270.3	-1.7016	
252.58	-0.258	270.3	-1.7007	
252.67	-0.252	270.3	-1.6998	
252.75	-0.251	270.5	-1.6989	
252.85	-0.248	270.5	-1.6981	
252.92	-0.244	270.6	-1.6981	
253.00	-0.241	270.7	-1.6963	
253.08	-0.235	270.8	-1.6954	
253.17	-0.233	270.9	-1.6945	
253.25	-0.23	271	-1.6936	
253.33	-0.224	271.1	-1.6918	
253.42	-0.222	271.2	-1.691	
253.50	-0.218	271.4	-1.6901	
253.58	-0.212	271.5	-1.6883	
253.67	-0.206	271.7	-1.6865	
253.75	-0.204	271.9	-1.6847	
253.83	-0.2	272	-1.6839	
253.92	-0.192	272.2	-1.6812	
254.00	-0.19	272.4	-1.6794	
254.08	-0.186	272.6	-1.6785	
254.17	-0.178	272.8	-1.6768	
254.27	-0.171	273.1	-1.6732	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
254.33	-0.171	273.3	-1.6723	
254.42	-0.165	273.5	-1.6705	
254.50	-0.158	273.7	-1.6679	
254.58	-0.15	274	-1.6652	
254.67	-0.148	274.2	-1.6626	
254.75	-0.142	274.5	-1.6599	
254.83	-0.134	274.7	-1.6572	
254.92	-0.131	275	-1.6537	
255.00	-0.125	275.3	-1.6519	
255.08	-0.118	275.5	-1.6483	
255.17	-0.108	276	-1.6457	
255.25	-0.107	276.2	-1.6412	
255.33	-0.1	276.5	-1.6377	
255.42	-0.091	276.8	-1.6341	
255.50	-0.089	277.1	-1.6306	
255.58	-0.084	277.4	-1.6279	
255.67	-0.073	277.7	-1.6235	
255.77	-0.068	278.1	-1.6191	
255.83	-0.063	278.4	-1.6146	
255.92	-0.056	278.7	-1.6111	
256.00	-0.047	279.2	-1.6049	
256.08	-0.039	279.6	-1.6022	
256.17	-0.036	279.9	-1.5951	
256.25	-0.031	280.2	-1.5898	
256.33	-0.019	280.5	-1.5844	
256.42	-0.018	280.7	-1.5791	
256.50	-0.012	281	-1.5747	
256.58	-0.002	281.3	-1.5685	
256.67	0.006	281.8	-1.5631	
256.75	0.01	282.2	-1.5543	
256.83	0.016	282.5	-1.548	
256.92	0.025	282.9	-1.5409	
257.00	0.029	283.3	-1.5347	
257.08	0.036	283.6	-1.5276	
257.18	0.042	284.1	-1.5179	
257.25	0.052	284.5	-1.5099	
257.33	0.055	284.8	-1.5028	
257.42	0.062	285.2	-1.4939	
257.50	0.07	285.6	-1.485	
257.58	0.078	286.1	-1.477	
257.67	0.081	286.5	-1.4628	
257.75	0.086	286.9	-1.4548	
257.83	0.093	287.3	-1.4451	
257.92	0.098	287.8	-1.4335	
258.00	0.104	288.1	-1.4202	
258.08	0.114	288.6	-1.4042	
258.17	0.122	289.1	-1.39	
258.25	0.125	289.5	-1.3661	
258.33	0.131	289.9	-1.3483	
258.42	0.14	290.3	-1.3261	
258.50	0.143	290.7	-1.3084	
258.58	0.146	291.1	-1.2889	
258.68	0.156	291.7	-1.256	
258.75	0.161	292.1	-1.2374	
258.83	0.166	292.5	-1.2107	
258.92	0.171	292.8	-1.185	
259.00	0.179	293.3	-1.1557	
259.08	0.184	293.8	-1.1264	
259.17	0.189	294.2	-1.0891	
259.25	0.195	294.6	-1.059	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
259.33	0.2	295	-1.0297	
259.42	0.203	295.4	-1.003	
259.50	0.209	295.8	-0.9737	
259.58	0.215	296.3	-0.94	
259.67	0.222	296.8	-0.9143	
259.75	0.224	297.2	-0.8726	
259.83	0.228	297.5	-0.8459	
259.92	0.233	297.9	-0.8184	
260.00	0.238	298.3	-0.7891	
260.10	0.243	298.8	-0.7563	
260.18	0.248	299.1	-0.735	
260.25	0.251	299.4	-0.7128	
260.33	0.253	299.8	-0.6906	
260.42	0.257	300.1	-0.6657	
260.50	0.262	300.4	-0.6444	
260.58	0.266	300.9	-0.6231	
260.67	0.269	301.2	-0.5912	
260.75	0.272	301.5	-0.5725	
260.83	0.277	301.8	-0.5548	
260.92	0.277	302.1	-0.5397	
261.00	0.28	302.3	-0.5237	
261.08	0.284	302.6	-0.5068	
261.17	0.287	303	-0.4944	
261.25	0.289	303.3	-0.4731	
261.33	0.291	303.5	-0.4598	
261.42	0.294	303.8	-0.4474	
261.50	0.294	304	-0.4376	
261.58	0.297	304.4	-0.4225	
261.67	0.298	304.6	-0.4128	
261.75	0.3	304.8	-0.4039	
261.83	0.301	305	-0.3959	
261.92	0.302	305.2	-0.3888	
262.00	0.304	305.4	-0.3826	
262.08	0.305	305.7	-0.3764	
262.17	0.305	305.8	-0.3675	
262.25	0.306	306	-0.363	
262.33	0.306	306.2	-0.3586	
262.42	0.306	306.3	-0.3542	
262.50	0.307	306.5	-0.3506	
262.58	0.306	306.6	-0.3471	
262.67	0.306	306.8	-0.3444	
262.75	0.306	306.9	-0.3426	
262.83	0.305	307.1	-0.3409	
262.92	0.306	307.2	-0.3391	
263.02	0.304	307.3	-0.3382	
263.08	0.304	307.4	-0.3364	
263.17	0.302	307.5	-0.3355	
263.25	0.301	307.6	-0.3355	
263.33	0.3	307.7	-0.3346	
263.42	0.299	307.8	-0.3346	
263.50	0.296	307.8	-0.3346	
263.58	0.295	307.9	-0.3346	
263.67	0.293	308	-0.3346	
263.75	0.291	308	-0.3346	
263.83	0.288	308.1	-0.3346	
263.92	0.287	308.1	-0.3355	
264.00	0.284	308.1	-0.3355	
264.08	0.281	308.2	-0.3355	
264.17	0.276	308.2	-0.3364	
264.25	0.275	308.2	-0.3373	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
264.33	0.273	308.2	-0.3373	
264.43	0.268	308.2	-0.3382	
264.50	0.264	308.2	-0.3382	
264.58	0.259	308.2	-0.3391	
264.67	0.256	308.3	-0.34	
264.75	0.251	308.2	-0.3409	
264.83	0.249	308.2	-0.3409	
264.92	0.246	308.2	-0.3417	
265.00	0.239	308.2	-0.3426	
265.08	0.236	308.1	-0.3435	
265.17	0.232	308	-0.3444	
265.25	0.228	308	-0.3444	
265.33	0.223	307.9	-0.3462	
265.42	0.219	307.9	-0.3471	
265.50	0.215	307.8	-0.348	
265.58	0.208	307.7	-0.3488	
265.67	0.202	307.6	-0.3497	
265.75	0.199	307.5	-0.3515	
265.83	0.194	307.4	-0.3533	
265.93	0.187	307.3	-0.3542	
266.00	0.182	307.2	-0.3551	
266.08	0.178	307.1	-0.3577	
266.17	0.172	306.9	-0.3595	
266.25	0.166	306.8	-0.3613	
266.33	0.162	306.7	-0.363	
266.42	0.157	306.5	-0.3639	
266.50	0.148	306.4	-0.3666	
266.58	0.141	306.2	-0.3684	
266.67	0.138	306	-0.371	
266.75	0.132	305.9	-0.3728	
266.83	0.124	305.6	-0.3755	
266.92	0.12	305.5	-0.3781	
267.00	0.113	305.3	-0.3799	
267.08	0.105	305.1	-0.3826	
267.17	0.098	304.8	-0.3852	
267.25	0.093	304.6	-0.3888	
267.35	0.087	304.4	-0.3914	
267.42	0.08	304.2	-0.3941	
267.50	0.072	303.9	-0.3968	
267.58	0.068	303.7	-0.4021	
267.67	0.062	303.4	-0.4048	
267.75	0.054	303.2	-0.4083	
267.83	0.052	303	-0.4119	
267.92	0.042	302.7	-0.4154	
268.00	0.033	302.4	-0.4199	
268.08	0.026	302.1	-0.4234	
268.17	0.021	301.8	-0.4296	
268.25	0.014	301.6	-0.4332	
268.33	0.007	301.3	-0.4385	
268.42	0.004	301	-0.442	
268.50	-0.004	300.7	-0.4474	
268.58	-0.014	300.4	-0.4527	
268.67	-0.021	300	-0.4589	
268.75	-0.025	299.7	-0.4669	
268.85	-0.031	299.4	-0.4722	
268.92	-0.04	299.1	-0.4776	
269.00	-0.047	298.6	-0.4838	
269.08	-0.052	298.3	-0.4935	
269.17	-0.059	298	-0.5006	
269.25	-0.066	297.7	-0.5077	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
269.33	-0.07	297.4	-0.5148	
269.42	-0.075	297	-0.521	
269.50	-0.085	296.6	-0.5317	
269.58	-0.092	296.1	-0.5397	
269.67	-0.097	295.7	-0.553	
269.75	-0.104	295.4	-0.5628	
269.83	-0.11	295	-0.5725	
269.92	-0.114	294.7	-0.5823	
270.00	-0.121	294.3	-0.5956	
270.08	-0.128	293.9	-0.608	
270.17	-0.136	293.4	-0.6231	
270.27	-0.138	293.1	-0.648	
270.33	-0.143	292.7	-0.6631	
270.42	-0.151	292.4	-0.6844	
270.50	-0.157	291.9	-0.703	
270.58	-0.161	291.7	-0.7385	
270.67	-0.169	291.3	-0.7669	
270.75	-0.174	291	-0.7944	
270.83	-0.176	290.8	-0.8237	
270.92	-0.183	290.1	-0.8592	
271.00	-0.189	289.8	-0.8903	
271.08	-0.193	289.3	-0.9223	
271.17	-0.197	288.9	-0.9711	
271.25	-0.202	288.3	-1.0057	
271.33	-0.208	288	-1.0385	
271.42	-0.21	287.5	-1.0705	
271.50	-0.215	286.9	-1.1051	
271.58	-0.22	285.9	-1.1388	
271.67	-0.226	285.2	-1.1699	
271.75	-0.227	284.8	-1.2125	
271.83	-0.232	284.4	-1.2445	
271.92	-0.236	283.9	-1.2667	
272.00	-0.241	283.3	-1.2915	
272.08	-0.242	282.8	-1.3323	
272.17	-0.246	282.3	-1.3581	
272.25	-0.249	281.9	-1.3838	
272.33	-0.252	281.5	-1.406	
272.42	-0.255	281	-1.4282	
272.50	-0.259	280.6	-1.4486	
272.58	-0.262	279.9	-1.469	
272.67	-0.264	279.5	-1.4983	
272.75	-0.266	279.1	-1.517	
272.83	-0.269	278.6	-1.5338	
272.92	-0.271	278.2	-1.5507	
273.00	-0.273	277.8	-1.5667	
273.08	-0.275	277.4	-1.5827	
273.18	-0.277	276.8	-1.6031	
273.25	-0.278	276.5	-1.6146	
273.33	-0.28	276.1	-1.6262	
273.42	-0.283	275.8	-1.6359	
273.50	-0.283	275.3	-1.6448	
273.58	-0.284	275	-1.659	
273.67	-0.285	274.7	-1.6688	
273.75	-0.286	274.5	-1.6768	
273.83	-0.287	274.2	-1.6839	
273.92	-0.287	273.9	-1.691	
274.00	-0.287	273.7	-1.6963	
274.08	-0.288	273.4	-1.7007	
274.17	-0.288	273.2	-1.7078	
274.25	-0.288	273	-1.7114	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
274.33	-0.288	272.8	-1.7149	
274.42	-0.287	272.6	-1.7176	
274.50	-0.287	272.5	-1.7202	
274.60	-0.286	272.3	-1.7238	
274.67	-0.285	272.1	-1.7247	
274.75	-0.285	272	-1.7265	
274.83	-0.283	271.9	-1.7273	
274.92	-0.282	271.8	-1.7282	
275.00	-0.281	271.7	-1.7291	
275.08	-0.28	271.6	-1.7291	
275.17	-0.278	271.6	-1.73	
275.25	-0.276	271.6	-1.73	
275.33	-0.275	271.5	-1.7291	
275.42	-0.272	271.5	-1.7291	
275.50	-0.27	271.5	-1.7291	
275.58	-0.266	271.5	-1.7282	
275.67	-0.265	271.5	-1.7282	
275.75	-0.263	271.5	-1.7273	
275.83	-0.259	271.5	-1.7273	
275.92	-0.258	271.6	-1.7265	
276.00	-0.254	271.6	-1.7256	
276.10	-0.25	271.7	-1.7247	
276.17	-0.247	271.8	-1.7238	
276.25	-0.245	271.8	-1.7229	
276.33	-0.242	271.9	-1.7229	
276.42	-0.235	272	-1.7211	
276.50	-0.232	272.1	-1.7202	
276.58	-0.228	272.2	-1.7185	
276.67	-0.225	272.3	-1.7176	
276.75	-0.221	272.5	-1.7167	
276.83	-0.218	272.6	-1.7158	
276.92	-0.213	272.7	-1.714	
277.00	-0.207	273	-1.7123	
277.08	-0.203	273.1	-1.7114	
277.17	-0.199	273.3	-1.7087	
277.25	-0.194	273.4	-1.7078	
277.33	-0.189	273.6	-1.7069	
277.42	-0.185	273.8	-1.7052	
277.52	-0.18	274.1	-1.7025	
277.58	-0.174	274.3	-1.7007	
277.67	-0.168	274.5	-1.6989	
277.75	-0.164	274.7	-1.6963	
277.83	-0.158	274.9	-1.6945	
277.92	-0.151	275.2	-1.6918	
278.00	-0.144	275.5	-1.6901	
278.08	-0.142	275.7	-1.6856	
278.17	-0.135	276	-1.6839	
278.25	-0.13	276.2	-1.6803	
278.33	-0.126	276.5	-1.6785	
278.42	-0.118	276.8	-1.675	
278.50	-0.11	277.2	-1.6723	
278.58	-0.102	277.5	-1.6697	
278.67	-0.1	277.7	-1.6643	
278.75	-0.092	278.1	-1.6608	
278.83	-0.087	278.3	-1.6572	
278.92	-0.082	278.6	-1.6537	
279.02	-0.075	279.2	-1.6483	
279.08	-0.069	279.4	-1.6457	
279.17	-0.063	279.8	-1.6412	
279.25	-0.058	280.1	-1.6377	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
279.33	-0.048	280.4	-1.6324	
279.42	-0.04	280.9	-1.6288	
279.50	-0.035	281.2	-1.6244	
279.58	-0.03	281.5	-1.6164	
279.67	-0.021	281.9	-1.6111	
279.75	-0.016	282.2	-1.6057	
279.83	-0.008	282.5	-1.5995	
279.92	-0.005	282.8	-1.596	
280.00	0.006	283.2	-1.5889	
280.08	0.011	283.5	-1.5836	
280.17	0.016	283.8	-1.5738	
280.25	0.024	284.2	-1.5676	
280.33	0.029	284.6	-1.5605	
280.43	0.037	285.1	-1.5534	
280.50	0.043	285.4	-1.5436	
280.58	0.05	285.8	-1.5356	
280.67	0.056	286.1	-1.5267	
280.75	0.061	286.5	-1.5196	
280.83	0.069	286.9	-1.5099	
280.92	0.078	287.5	-1.5001	
281.00	0.083	287.9	-1.4895	
281.08	0.088	288.2	-1.4753	
281.17	0.099	288.7	-1.4611	
281.25	0.101	289	-1.4522	
281.33	0.106	289.4	-1.4389	
281.42	0.114	289.8	-1.4229	
281.50	0.123	290.4	-1.4087	
281.58	0.128	290.8	-1.3927	
281.67	0.133	291.1	-1.3643	
281.75	0.139	291.6	-1.343	
281.83	0.145	291.9	-1.3252	
281.92	0.15	292.5	-1.3039	
282.00	0.156	292.9	-1.2738	
282.08	0.162	293.3	-1.2471	
282.17	0.168	293.7	-1.2214	
282.25	0.172	294.1	-1.1939	
282.33	0.179	294.5	-1.1655	
282.42	0.186	295.1	-1.138	
282.50	0.191	295.5	-1.1104	
282.58	0.195	295.9	-1.0669	
282.67	0.201	296.4	-1.0359	
282.75	0.205	296.8	-1.0075	
282.83	0.209	297.1	-0.9791	
282.92	0.213	297.5	-0.9498	
283.00	0.222	298.1	-0.9205	
283.08	0.225	298.5	-0.8921	
283.17	0.228	298.8	-0.8512	
283.25	0.234	299.2	-0.8264	
283.35	0.239	299.7	-0.798	
283.42	0.243	300.1	-0.7758	
283.50	0.245	300.4	-0.7403	
283.58	0.251	300.7	-0.7163	
283.67	0.254	301.1	-0.6924	
283.75	0.258	301.4	-0.6693	
283.83	0.261	301.7	-0.648	
283.92	0.266	302.2	-0.6258	
284.00	0.269	302.5	-0.6063	
284.08	0.272	302.8	-0.5779	
284.17	0.275	303.1	-0.5601	
284.25	0.279	303.4	-0.5441	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
284.33	0.28	303.6	-0.5299	
284.42	0.283	303.9	-0.5131	
284.50	0.286	304.3	-0.4989	
284.58	0.288	304.6	-0.4847	
284.67	0.291	304.9	-0.466	
284.77	0.293	305.1	-0.4536	
284.83	0.295	305.5	-0.4438	
284.92	0.296	305.7	-0.4332	
285.00	0.298	305.9	-0.4199	
285.08	0.299	306.1	-0.411	
285.17	0.301	306.3	-0.403	
285.25	0.302	306.5	-0.395	
285.33	0.304	306.7	-0.387	
285.42	0.304	307	-0.3817	
285.50	0.305	307.1	-0.3728	
285.58	0.305	307.3	-0.3684	
285.67	0.306	307.5	-0.363	
285.75	0.306	307.6	-0.3595	
285.83	0.306	307.8	-0.3559	
285.92	0.307	307.9	-0.3524	
286.00	0.307	308.1	-0.3506	
286.08	0.306	308.2	-0.348	
286.17	0.306	308.4	-0.3453	
286.27	0.303	308.5	-0.3444	
286.33	0.3	308.7	-0.3444	
286.42	0.301	308.9	-0.3435	
286.50	0.3	309	-0.3426	
286.58	0.298	309.1	-0.3426	
286.67	0.297	309.1	-0.3426	
286.75	0.296	309.2	-0.3426	
286.83	0.295	309.3	-0.3417	
286.92	0.291	309.3	-0.3417	
287.00	0.291	309.4	-0.3426	
287.08	0.289	309.5	-0.3426	
287.17	0.286	309.5	-0.3426	
287.25	0.284	309.5	-0.3435	
287.33	0.283	309.6	-0.3435	
287.42	0.278	309.6	-0.3435	
287.50	0.274	309.6	-0.3435	
287.58	0.273	309.6	-0.3444	
287.68	0.269	309.6	-0.3444	
287.75	0.267	309.6	-0.3444	
287.83	0.262	309.6	-0.3453	
287.92	0.26	309.6	-0.3462	
288.00	0.255	309.6	-0.3471	
288.08	0.252	309.6	-0.3471	
288.17	0.249	309.6	-0.348	
288.25	0.246	309.5	-0.3488	
288.33	0.242	309.5	-0.3497	
288.42	0.235	309.4	-0.3497	
288.50	0.231	309.3	-0.3515	
288.58	0.228	309.3	-0.3524	
288.67	0.221	309.2	-0.3533	
288.75	0.22	309.2	-0.3542	
288.83	0.215	309.1	-0.3551	
288.92	0.207	309	-0.3568	
289.00	0.201	308.9	-0.3577	
289.08	0.199	308.8	-0.3595	
289.18	0.194	308.7	-0.3604	
289.25	0.186	308.7	-0.3613	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
289.33	0.182	308.5	-0.363	
289.42	0.18	308.4	-0.3648	
289.50	0.172	308.2	-0.3666	
289.58	0.166	308.1	-0.3684	
289.67	0.163	308	-0.3701	
289.75	0.157	307.8	-0.3719	
289.83	0.148	307.6	-0.3746	
289.92	0.139	307.4	-0.3755	
290.00	0.137	307.3	-0.3781	
290.08	0.129	307.1	-0.3808	
290.17	0.123	306.9	-0.3826	
290.25	0.12	306.8	-0.3843	
290.33	0.112	306.6	-0.3879	
290.42	0.106	306.4	-0.3897	
290.50	0.095	306.1	-0.3923	
290.60	0.095	305.9	-0.3959	
290.67	0.089	305.7	-0.3986	
290.75	0.076	305.5	-0.4012	
290.83	0.07	305.2	-0.4039	
290.92	0.067	305	-0.4092	
291.00	0.062	304.7	-0.4119	
291.08	0.054	304.5	-0.4163	
291.17	0.049	304.2	-0.4199	
291.25	0.042	304	-0.4234	
291.33	0.035	303.7	-0.427	
291.42	0.025	303.3	-0.4314	
291.50	0.022	303	-0.4376	
291.58	0.016	302.8	-0.4412	
291.67	0.006	302.4	-0.4465	
291.75	0.002	302.2	-0.4509	
291.83	-0.001	302	-0.4554	
291.92	-0.013	301.6	-0.4625	
292.00	-0.021	301.1	-0.4669	
292.08	-0.027	300.8	-0.4758	
292.17	-0.031	300.6	-0.4802	
292.25	-0.037	300.3	-0.4864	
292.33	-0.049	299.8	-0.4935	
292.42	-0.052	299.5	-0.5024	
292.50	-0.055	299.2	-0.5086	
292.58	-0.069	298.8	-0.5184	
292.67	-0.071	298.5	-0.5246	
292.75	-0.077	298.2	-0.5317	
292.83	-0.085	297.8	-0.5397	
292.92	-0.093	297.3	-0.5477	
293.00	-0.097	296.9	-0.5628	
293.08	-0.102	296.6	-0.5708	
293.17	-0.112	296.2	-0.5841	
293.25	-0.115	295.8	-0.5956	
293.33	-0.12	295.4	-0.6071	
293.42	-0.128	295	-0.6205	
293.52	-0.133	294.5	-0.6409	
293.58	-0.138	294.2	-0.6569	
293.67	-0.143	293.8	-0.6755	
293.75	-0.152	293.4	-0.6986	
293.83	-0.159	292.9	-0.7181	
293.92	-0.161	292.6	-0.7554	
294.00	-0.167	292.3	-0.7847	
294.08	-0.175	291.9	-0.8149	
294.17	-0.175	291.7	-0.8433	
294.25	-0.181	291.4	-0.8788	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
294.33	-0.188	290.8	-0.9116	
294.42	-0.195	290.2	-0.9436	
294.50	-0.198	290	-0.9959	
294.58	-0.202	289.5	-1.0297	
294.67	-0.207	289	-1.0634	
294.75	-0.211	288.5	-1.0989	
294.83	-0.215	288.3	-1.13	
294.93	-0.221	286.8	-1.1797	
295.00	-0.224	286.4	-1.2063	
295.08	-0.227	286	-1.2329	
295.17	-0.23	285.5	-1.2613	
295.25	-0.236	285	-1.2942	
295.33	-0.241	284.3	-1.3208	
295.42	-0.243	283.9	-1.3599	
295.50	-0.246	283.4	-1.3865	
295.58	-0.25	282.9	-1.4122	
295.67	-0.252	282.5	-1.4335	
295.75	-0.255	282.1	-1.4557	
295.83	-0.259	281.6	-1.4779	
295.92	-0.263	281	-1.4966	
296.00	-0.264	280.6	-1.525	
296.08	-0.267	280.1	-1.5436	
296.17	-0.27	279.6	-1.5605	
296.25	-0.271	279.2	-1.5773	
296.33	-0.273	278.8	-1.5933	
296.43	-0.275	278.2	-1.6155	
296.50	-0.277	277.9	-1.6279	
296.58	-0.278	277.5	-1.6404	
296.67	-0.28	277.2	-1.6528	
296.75	-0.282	276.8	-1.6626	
296.83	-0.283	276.4	-1.6723	
296.92	-0.284	276.1	-1.6865	
297.00	-0.285	275.8	-1.6945	
297.08	-0.286	275.5	-1.7016	
297.17	-0.286	275.2	-1.7078	
297.25	-0.287	275	-1.714	
297.33	-0.288	274.7	-1.7202	
297.42	-0.288	274.4	-1.7247	
297.50	-0.288	274.2	-1.7318	
297.58	-0.288	274	-1.7353	
297.67	-0.287	273.8	-1.7389	
297.75	-0.288	273.7	-1.7424	
297.85	-0.287	273.4	-1.746	
297.92	-0.286	273.3	-1.7478	
298.00	-0.286	273.2	-1.7495	
298.08	-0.284	273	-1.7513	
298.17	-0.284	272.9	-1.7522	
298.25	-0.282	272.8	-1.7531	
298.33	-0.28	272.7	-1.754	
298.42	-0.279	272.7	-1.754	
298.50	-0.278	272.6	-1.754	
298.58	-0.276	272.6	-1.754	
298.67	-0.274	272.5	-1.754	
298.75	-0.273	272.5	-1.754	
298.83	-0.269	272.5	-1.754	
298.92	-0.267	272.5	-1.7531	
299.00	-0.265	272.5	-1.7531	
299.08	-0.263	272.5	-1.7522	
299.17	-0.259	272.6	-1.7513	
299.25	-0.258	272.6	-1.7513	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
299.35	-0.254	272.6	-1.7504	
299.42	-0.251	272.7	-1.7495	
299.50	-0.247	272.8	-1.7487	
299.58	-0.246	272.8	-1.7478	
299.67	-0.24	272.9	-1.7469	
299.75	-0.237	273	-1.746	
299.83	-0.231	273.2	-1.7451	
299.92	-0.229	273.2	-1.7433	
300.00	-0.227	273.3	-1.7424	
300.08	-0.218	273.5	-1.7407	
300.17	-0.218	273.6	-1.7398	
300.25	-0.215	273.7	-1.7389	
300.33	-0.206	273.9	-1.7371	
300.42	-0.202	274.1	-1.7362	
300.50	-0.199	274.3	-1.7336	
300.58	-0.196	274.5	-1.7318	
300.67	-0.188	274.7	-1.73	
300.77	-0.186	274.9	-1.7291	
300.83	-0.179	275.1	-1.7256	
300.92	-0.175	275.3	-1.7238	
301.00	-0.166	275.6	-1.722	
301.08	-0.165	275.7	-1.7202	
301.17	-0.159	276	-1.7176	
301.25	-0.151	276.2	-1.7158	
301.33	-0.144	276.6	-1.7131	
301.42	-0.141	276.8	-1.7096	
301.50	-0.135	277	-1.7078	
301.58	-0.128	277.3	-1.7052	
301.67	-0.126	277.6	-1.7025	
301.75	-0.12	277.8	-1.6989	
301.83	-0.111	278.2	-1.6963	
301.92	-0.103	278.6	-1.6927	
302.00	-0.1	278.8	-1.6892	
302.08	-0.094	279.2	-1.6856	
302.17	-0.086	279.5	-1.6812	
302.25	-0.08	279.9	-1.6785	
302.33	-0.076	280.2	-1.6732	
302.42	-0.069	280.5	-1.6697	
302.50	-0.06	280.9	-1.6652	
302.58	-0.057	281.2	-1.6608	
302.67	-0.05	281.5	-1.6563	
302.75	-0.04	281.9	-1.651	
302.83	-0.033	282.4	-1.6466	
302.92	-0.029	282.7	-1.6404	
303.00	-0.022	283	-1.635	
303.08	-0.015	283.3	-1.6297	
303.17	-0.011	283.6	-1.6244	
303.25	-0.005	284	-1.6191	
303.33	0.005	284.3	-1.6128	
303.42	0.014	284.7	-1.6066	
303.50	0.014	285	-1.5986	
303.58	0.022	285.3	-1.5915	
303.68	0.032	285.7	-1.5827	
303.75	0.04	286.2	-1.5765	
303.83	0.043	286.5	-1.5667	
303.92	0.05	286.9	-1.5578	
304.00	0.058	287.3	-1.5489	
304.08	0.062	287.7	-1.5409	
304.17	0.067	288	-1.5321	
304.25	0.074	288.5	-1.5267	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500			tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270			deviatore ciclico (kPa)	
frequenza (hz)	0.0007143			frequenza (hz)	
304.33	0.085	289.1	-1.5152		
304.42	0.088	289.4	-1.4966		
304.50	0.094	289.8	-1.4841		
304.58	0.102	290.2	-1.4717		
304.67	0.105	290.6	-1.4593		
304.75	0.111	291	-1.4469		
304.83	0.12	291.4	-1.4309		
304.92	0.127	292	-1.4149		
305.00	0.131	292.4	-1.3874		
305.10	0.139	292.8	-1.3652		
305.17	0.144	293.1	-1.3492		
305.25	0.151	293.7	-1.3288		
305.33	0.156	294.1	-1.2889		
305.42	0.162	294.5	-1.264		
305.50	0.167	294.9	-1.2409		
305.58	0.171	295.3	-1.2143		
305.67	0.179	295.7	-1.1832		
305.75	0.185	296.1	-1.1566		
305.83	0.191	296.8	-1.1264		
305.92	0.193	297.2	-1.0803		
306.00	0.2	297.6	-1.051		
306.08	0.205	298	-1.0199		
306.17	0.208	298.3	-0.9906		
306.25	0.215	298.8	-0.9569		
306.33	0.219	299.1	-0.9294		
306.42	0.225	299.7	-0.9001		
306.50	0.229	300.1	-0.8566		
306.60	0.231	300.4	-0.8335		
306.67	0.238	300.8	-0.806		
306.75	0.244	301.3	-0.7856		
306.83	0.247	301.6	-0.7474		
306.92	0.249	301.9	-0.7234		
307.00	0.255	302.3	-0.6977		
307.08	0.256	302.6	-0.6773		
307.17	0.261	302.9	-0.6524		
307.25	0.265	303.2	-0.6338		
307.33	0.269	303.7	-0.6125		
307.42	0.27	304	-0.5858		
307.50	0.273	304.4	-0.5725		
307.58	0.274	304.7	-0.5628		
307.67	0.275	305	-0.5494		
307.75	0.278	305.3	-0.5361		
307.83	0.285	305.5	-0.5202		
307.92	0.286	305.9	-0.506		
308.02	0.287	306.2	-0.4855		
308.08	0.289	306.4	-0.474		
308.17	0.292	306.6	-0.4625		
308.25	0.296	307	-0.45		
308.33	0.296	307.2	-0.4332		
308.42	0.298	307.4	-0.4243		
308.50	0.3	307.6	-0.4154		
308.58	0.3	307.8	-0.4074		
308.67	0.301	308	-0.4003		
308.75	0.302	308.2	-0.3941		
308.83	0.304	308.5	-0.3879		
308.92	0.304	308.6	-0.3799		
309.00	0.305	308.8	-0.3755		
309.08	0.305	308.9	-0.371		
309.17	0.305	309.1	-0.3675		
309.25	0.305	309.2	-0.3648		

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
309.33	0.305	309.3	-0.3622	
309.42	0.306	309.5	-0.3595	
309.52	0.304	309.6	-0.3568	
309.58	0.304	309.8	-0.3551	
309.67	0.303	309.9	-0.3533	
309.75	0.302	310	-0.3524	
309.83	0.301	310.1	-0.3515	
309.92	0.3	310.2	-0.3506	
310.00	0.299	310.3	-0.3506	
310.08	0.298	310.3	-0.3497	
310.17	0.296	310.4	-0.3497	
310.25	0.294	310.5	-0.3497	
310.33	0.291	310.6	-0.3497	
310.42	0.29	310.6	-0.3506	
310.50	0.288	310.6	-0.3506	
310.58	0.285	310.7	-0.3506	
310.67	0.283	310.7	-0.3506	
310.75	0.28	310.7	-0.3515	
310.83	0.275	310.7	-0.3515	
310.93	0.273	310.8	-0.3524	
311.00	0.272	310.8	-0.3524	
311.08	0.268	310.8	-0.3533	
311.17	0.263	310.8	-0.3533	
311.25	0.259	310.8	-0.3542	
311.33	0.257	310.8	-0.3551	
311.42	0.253	310.7	-0.3559	
311.50	0.248	310.7	-0.3568	
311.58	0.244	310.7	-0.3577	
311.67	0.241	310.6	-0.3577	
311.75	0.235	310.6	-0.3586	
311.83	0.231	310.5	-0.3595	
311.92	0.227	310.5	-0.3613	
312.00	0.222	310.4	-0.3622	
312.08	0.218	310.3	-0.363	
312.17	0.214	310.3	-0.3639	
312.25	0.21	310.2	-0.3648	
312.33	0.202	310.1	-0.3666	
312.43	0.198	310	-0.3675	
312.50	0.194	309.9	-0.3693	
312.58	0.188	309.8	-0.3701	
312.67	0.182	309.7	-0.3719	
312.75	0.177	309.5	-0.3728	
312.83	0.171	309.4	-0.3755	
312.92	0.167	309.3	-0.3764	
313.00	0.16	309.1	-0.379	
313.08	0.156	309	-0.3808	
313.17	0.152	308.9	-0.3826	
313.25	0.141	308.7	-0.3843	
313.33	0.136	308.5	-0.3861	
313.42	0.13	308.3	-0.3897	
313.50	0.124	308.1	-0.3914	
313.58	0.119	307.9	-0.3932	
313.67	0.113	307.8	-0.3959	
313.75	0.107	307.6	-0.3986	
313.85	0.102	307.3	-0.4021	
313.92	0.092	307	-0.4057	
314.00	0.088	306.9	-0.4074	
314.08	0.082	306.7	-0.4101	
314.17	0.071	306.5	-0.4128	
314.25	0.066	306.1	-0.4163	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
314.33	0.062	305.9	-0.4216	
314.42	0.054	305.7	-0.4252	
314.50	0.048	305.4	-0.4287	
314.58	0.043	305.2	-0.4323	
314.67	0.039	305	-0.4349	
314.75	0.027	304.6	-0.4412	
314.83	0.019	304.1	-0.4447	
314.92	0.015	303.9	-0.4509	
315.00	0.007	303.6	-0.4554	
315.08	0.002	303.3	-0.4607	
315.17	-0.003	303.1	-0.4651	
315.27	-0.013	302.6	-0.4731	
315.33	-0.019	302.3	-0.4776	
315.42	-0.025	302	-0.4829	
315.50	-0.03	301.8	-0.4891	
315.58	-0.038	301.4	-0.4953	
315.67	-0.046	301.1	-0.5024	
315.75	-0.054	300.6	-0.5086	
315.83	-0.058	300.4	-0.5184	
315.92	-0.066	300	-0.5264	
316.00	-0.071	299.6	-0.5335	
316.08	-0.077	299.3	-0.5415	
316.17	-0.083	298.9	-0.5503	
316.25	-0.092	298.6	-0.5592	
316.33	-0.099	298	-0.5681	
316.42	-0.104	297.7	-0.5832	
316.50	-0.109	297.3	-0.5938	
316.58	-0.117	296.9	-0.6071	
316.67	-0.119	296.6	-0.6187	
316.77	-0.126	296	-0.6382	
316.83	-0.133	295.6	-0.6542	
316.92	-0.141	295.2	-0.6728	
317.00	-0.145	294.9	-0.6915	
317.08	-0.151	294.5	-0.7154	
317.17	-0.158	294.1	-0.7367	
317.25	-0.163	293.6	-0.7625	
317.33	-0.167	293.3	-0.8051	
317.42	-0.172	293	-0.8317	
317.50	-0.177	292.6	-0.8637	
317.58	-0.181	292.3	-0.8974	
317.67	-0.186	292.1	-0.9302	
317.75	-0.193	291.4	-0.9684	
317.83	-0.199	290.9	-1.0013	
317.92	-0.201	290.6	-1.051	
318.00	-0.206	290.1	-1.0874	
318.08	-0.211	289.5	-1.1229	
318.18	-0.218	289	-1.1548	
318.25	-0.218	288.5	-1.1965	
318.33	-0.224	287.4	-1.2303	
318.42	-0.228	286.9	-1.2596	
318.50	-0.231	286.4	-1.2906	
318.58	-0.235	285.9	-1.319	
318.67	-0.24	285.5	-1.3439	
318.75	-0.243	284.8	-1.3696	
318.83	-0.246	284.3	-1.4105	
318.92	-0.25	283.9	-1.4353	
319.00	-0.253	283.4	-1.4575	
319.08	-0.255	283	-1.4806	
319.17	-0.259	282.5	-1.5019	
319.25	-0.262	282.1	-1.5214	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)		
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)		
frequenza (hz)	0.0007143		frequenza (hz)		
319.33	-0.264	281.5	-1.5401		
319.42	-0.266	281.1	-1.5667		
319.50	-0.269	280.6	-1.5853		
319.58	-0.271	280.2	-1.6022		
319.68	-0.273	279.7	-1.6173		
319.75	-0.275	279.3	-1.6377		
319.83	-0.276	278.9	-1.6501		
319.92	-0.279	278.5	-1.6634		
320.00	-0.28	278.1	-1.675		
320.08	-0.281	277.8	-1.6856		
320.17	-0.283	277.5	-1.6963		
320.25	-0.284	277	-1.7052		
320.33	-0.285	276.7	-1.7167		
320.42	-0.286	276.4	-1.7256		
320.50	-0.286	276.2	-1.7318		
320.58	-0.287	275.9	-1.7389		
320.67	-0.287	275.7	-1.7442		
320.75	-0.289	275.3	-1.7495		
320.83	-0.287	275.1	-1.754		
320.92	-0.288	274.9	-1.7593		
321.00	-0.287	274.7	-1.7629		
321.10	-0.287	274.5	-1.7664		
321.17	-0.287	274.4	-1.7691		
321.25	-0.286	274.2	-1.7717		
321.33	-0.286	274.1	-1.7735		
321.42	-0.284	274	-1.7753		
321.50	-0.284	273.9	-1.7762		
321.58	-0.283	273.8	-1.7771		
321.67	-0.281	273.7	-1.7771		
321.75	-0.282	273.6	-1.7779		
321.83	-0.277	273.6	-1.7779		
321.92	-0.275	273.5	-1.7779		
322.00	-0.274	273.5	-1.7779		
322.08	-0.272	273.4	-1.7779		
322.17	-0.27	273.4	-1.7771		
322.25	-0.267	273.4	-1.7771		
322.33	-0.264	273.4	-1.7771		
322.42	-0.263	273.4	-1.7762		
322.50	-0.259	273.5	-1.7753		
322.60	-0.256	273.5	-1.7753		
322.67	-0.254	273.6	-1.7744		
322.75	-0.251	273.6	-1.7735		
322.83	-0.247	273.7	-1.7726		
322.92	-0.245	273.8	-1.7717		
323.00	-0.241	273.8	-1.7708		
323.08	-0.237	273.9	-1.77		
323.17	-0.231	274.1	-1.7691		
323.25	-0.228	274.2	-1.7682		
323.33	-0.225	274.3	-1.7664		
323.42	-0.22	274.4	-1.7646		
323.50	-0.216	274.6	-1.7637		
323.58	-0.213	274.7	-1.762		
323.67	-0.208	274.9	-1.7611		
323.75	-0.204	275.1	-1.7593		
323.83	-0.196	275.3	-1.7575		
323.92	-0.194	275.4	-1.7549		
324.02	-0.187	275.6	-1.754		
324.08	-0.183	275.8	-1.7522		
324.17	-0.177	276.1	-1.7504		
324.25	-0.174	276.2	-1.7478		

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
324.33	-0.168	276.5	-1.746
324.42	-0.163	276.7	-1.7433
324.50	-0.159	276.9	-1.7416
324.58	-0.153	277.1	-1.7389
324.67	-0.148	277.5	-1.7362
324.75	-0.138	277.8	-1.7345
324.83	-0.136	278	-1.73
324.92	-0.13	278.2	-1.7282
325.00	-0.124	278.5	-1.7247
325.08	-0.119	278.8	-1.722
325.17	-0.114	279.1	-1.7194
325.25	-0.104	279.6	-1.7158
325.33	-0.098	279.9	-1.7131
325.43	-0.093	280.1	-1.7078
325.50	-0.088	280.4	-1.706
325.58	-0.079	280.9	-1.7016
325.67	-0.072	281.2	-1.6981
325.75	-0.069	281.5	-1.6927
325.83	-0.061	281.8	-1.6874
325.92	-0.057	282.2	-1.6839
326.00	-0.051	282.5	-1.6803
326.08	-0.042	282.8	-1.675
326.17	-0.034	283.3	-1.6705
326.25	-0.027	283.7	-1.6661
326.33	-0.024	284	-1.6581
326.42	-0.015	284.3	-1.6528
326.50	-0.008	284.7	-1.6466
326.58	-0.004	285	-1.6412
326.67	0.003	285.3	-1.6359
326.75	0.012	285.8	-1.6288
326.83	0.019	286.1	-1.6226
326.93	0.024	286.4	-1.6128
327.00	0.03	286.7	-1.6075
327.08	0.039	287.2	-1.6004
327.17	0.045	287.6	-1.5924
327.25	0.049	288	-1.58
327.33	0.057	288.4	-1.5711
327.42	0.064	288.8	-1.5605
327.50	0.069	289.1	-1.5516
327.58	0.076	289.5	-1.5427
327.67	0.084	290.1	-1.5321
327.75	0.09	290.5	-1.5223
327.83	0.095	290.8	-1.5037
327.92	0.103	291.2	-1.4895
328.00	0.107	291.6	-1.4779
328.08	0.112	292	-1.4637
328.17	0.119	292.4	-1.446
328.25	0.128	293	-1.4273
328.33	0.133	293.4	-1.4096
328.42	0.137	293.7	-1.3829
328.50	0.144	294.1	-1.3599
328.58	0.153	294.8	-1.3359
328.67	0.156	295.1	-1.3128
328.75	0.162	295.5	-1.2747
328.83	0.168	296	-1.2471
328.92	0.171	296.4	-1.2232
329.00	0.175	296.8	-1.201
329.08	0.181	297.3	-1.177
329.17	0.188	297.9	-1.1459
329.25	0.194	298.3	-1.1167

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
329.33	0.197	298.7	-1.0696
329.42	0.204	299.1	-1.0385
329.50	0.207	299.4	-1.0092
329.58	0.211	299.8	-0.9791
329.67	0.217	300.2	-0.9498
329.75	0.226	300.8	-0.9152
329.85	0.227	301.1	-0.8752
329.92	0.231	301.5	-0.8486
330.00	0.238	301.9	-0.8175
330.08	0.242	302.4	-0.7962
330.17	0.246	302.7	-0.7572
330.25	0.25	303.1	-0.7314
330.33	0.255	303.4	-0.7066
330.42	0.256	303.7	-0.687
330.50	0.26	304	-0.6622
330.58	0.264	304.4	-0.6409
330.67	0.268	304.9	-0.616
330.75	0.272	305.2	-0.5894
330.83	0.274	305.4	-0.5716
330.92	0.277	305.7	-0.5539
331.00	0.28	306	-0.5379
331.08	0.282	306.3	-0.5237
331.17	0.285	306.5	-0.5095
331.27	0.288	306.9	-0.4891
331.33	0.289	307.2	-0.4767
331.42	0.291	307.4	-0.4651
331.50	0.294	307.6	-0.4527
331.58	0.297	308	-0.442
331.67	0.299	308.2	-0.4278
331.75	0.299	308.4	-0.4199
331.83	0.301	308.6	-0.411
331.92	0.303	308.8	-0.4039
332.00	0.303	309	-0.3968
332.08	0.304	309.2	-0.3906
332.17	0.301	309.5	-0.387
332.25	0.302	309.7	-0.3817
332.33	0.303	309.8	-0.3781
332.42	0.304	310	-0.3755
332.50	0.303	310.1	-0.3728
332.58	0.304	310.3	-0.3693
332.67	0.304	310.4	-0.3675
332.77	0.304	310.6	-0.3639
332.83	0.304	310.7	-0.3622
332.92	0.303	310.8	-0.3613
333.00	0.303	310.9	-0.3604
333.08	0.3	311.1	-0.3595
333.17	0.3	311.2	-0.3586
333.25	0.299	311.3	-0.3577
333.33	0.299	311.4	-0.3577
333.42	0.297	311.4	-0.3568
333.50	0.295	311.5	-0.3568
333.58	0.293	311.6	-0.3568
333.67	0.291	311.6	-0.3568
333.75	0.288	311.7	-0.3577
333.83	0.286	311.7	-0.3577
333.92	0.285	311.8	-0.3577
334.00	0.283	311.8	-0.3577
334.08	0.28	311.8	-0.3586
334.18	0.275	311.8	-0.3595
334.25	0.274	311.8	-0.3595

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
334.33	0.271	311.9	-0.3595	
334.42	0.268	311.9	-0.3604	
334.50	0.263	311.8	-0.3613	
334.58	0.259	311.8	-0.3613	
334.67	0.256	311.8	-0.3622	
334.75	0.254	311.8	-0.363	
334.83	0.247	311.7	-0.3639	
334.92	0.246	311.7	-0.3648	
335.00	0.242	311.7	-0.3648	
335.08	0.236	311.6	-0.3657	
335.17	0.23	311.6	-0.3675	
335.25	0.228	311.5	-0.3684	
335.33	0.223	311.5	-0.3693	
335.42	0.218	311.4	-0.3701	
335.50	0.215	311.3	-0.371	
335.60	0.208	311.2	-0.3728	
335.67	0.202	311.1	-0.3737	
335.75	0.2	311	-0.3746	
335.83	0.195	310.9	-0.3764	
335.92	0.188	310.8	-0.3772	
336.00	0.183	310.7	-0.379	
336.08	0.176	310.5	-0.3799	
336.17	0.171	310.4	-0.3826	
336.25	0.166	310.3	-0.3843	
336.33	0.161	310.1	-0.3861	
336.42	0.156	310	-0.3879	
336.50	0.152	309.9	-0.3888	
336.58	0.141	309.7	-0.3914	
336.67	0.134	309.4	-0.3932	
336.75	0.13	309.3	-0.3968	
336.83	0.124	309.1	-0.3986	
336.92	0.115	308.9	-0.4012	
337.00	0.116	308.8	-0.4039	
337.10	0.109	308.6	-0.4065	
337.17	0.1	308.3	-0.4092	
337.25	0.094	308.1	-0.4119	
337.33	0.089	307.9	-0.4145	
337.42	0.084	307.7	-0.4172	
337.50	0.072	307.4	-0.4207	
337.58	0.067	307.1	-0.4243	
337.67	0.062	306.9	-0.4287	
337.75	0.054	306.6	-0.4323	
337.83	0.049	306.4	-0.4349	
337.92	0.043	306.1	-0.4394	
338.00	0.037	305.9	-0.4429	
338.08	0.028	305.6	-0.4474	
338.17	0.018	305.2	-0.4509	
338.25	0.014	304.9	-0.4589	
338.33	0.008	304.6	-0.4625	
338.42	-0.001	304.3	-0.4687	
338.50	-0.005	304	-0.4731	
338.58	-0.013	303.6	-0.4802	
338.67	-0.018	303.3	-0.4855	
338.75	-0.027	303	-0.4918	
338.83	-0.028	302.7	-0.4962	
338.92	-0.037	302.4	-0.5033	
339.00	-0.045	302	-0.5104	
339.08	-0.056	301.5	-0.5166	
339.17	-0.059	301.2	-0.5273	
339.25	-0.064	300.9	-0.5344	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
339.33	-0.075	300.5	-0.5432	
339.42	-0.077	300.2	-0.5512	
339.50	-0.084	299.9	-0.5592	
339.58	-0.092	299.5	-0.5681	
339.67	-0.099	298.9	-0.5761	
339.75	-0.102	298.6	-0.5912	
339.83	-0.109	298.2	-0.6027	
339.92	-0.115	297.9	-0.6151	
340.02	-0.124	297.3	-0.6276	
340.08	-0.128	297	-0.648	
340.17	-0.133	296.6	-0.6631	
340.25	-0.141	296.2	-0.6826	
340.33	-0.143	295.8	-0.7021	
340.42	-0.15	295.4	-0.7279	
340.50	-0.158	295	-0.7509	
340.58	-0.164	294.4	-0.7767	
340.67	-0.167	294.1	-0.8175	
340.75	-0.172	293.9	-0.8486	
340.83	-0.18	293.5	-0.8859	
340.92	-0.182	293.1	-0.9152	
341.00	-0.187	292.8	-0.9516	
341.08	-0.193	292.3	-0.9844	
341.17	-0.199	291.7	-1.0181	
341.25	-0.202	291.4	-1.0705	
341.33	-0.206	291	-1.1051	
341.43	-0.212	290.5	-1.1424	
341.50	-0.216	289.8	-1.1708	
341.58	-0.219	289.5	-1.2196	
341.67	-0.224	288.8	-1.2525	
341.75	-0.228	287.8	-1.2826	
341.83	-0.231	287.3	-1.3137	
341.92	-0.235	286.8	-1.3448	
342.00	-0.24	286.3	-1.3723	
342.08	-0.244	285.6	-1.398	
342.17	-0.246	285.2	-1.4362	
342.25	-0.249	284.7	-1.4619	
342.33	-0.254	284.2	-1.485	
342.42	-0.255	283.8	-1.5063	
342.50	-0.258	283.4	-1.5267	
342.58	-0.262	282.9	-1.5472	
342.67	-0.265	282.3	-1.5658	
342.75	-0.266	281.9	-1.5915	
342.83	-0.269	281.4	-1.6111	
342.93	-0.271	281.1	-1.6253	
343.00	-0.275	280.5	-1.6395	
343.08	-0.275	280.1	-1.6617	
343.17	-0.278	279.7	-1.6768	
343.25	-0.278	279.4	-1.6874	
343.33	-0.279	278.9	-1.6989	
343.42	-0.281	278.6	-1.7087	
343.50	-0.283	278.3	-1.7185	
343.58	-0.284	277.8	-1.7282	
343.67	-0.285	277.5	-1.7407	
343.75	-0.286	277.2	-1.7478	
343.83	-0.286	277	-1.7549	
343.92	-0.286	276.7	-1.7611	
344.00	-0.287	276.5	-1.7664	
344.08	-0.287	276.2	-1.7717	
344.17	-0.288	275.9	-1.7762	
344.25	-0.288	275.7	-1.7815	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
344.35	-0.287	275.6	-1.785	
344.42	-0.287	275.4	-1.7877	
344.50	-0.286	275.2	-1.7904	
344.58	-0.286	275	-1.793	
344.67	-0.285	274.9	-1.7948	
344.75	-0.284	274.8	-1.7966	
344.83	-0.283	274.7	-1.7975	
344.92	-0.282	274.6	-1.7984	
345.00	-0.28	274.5	-1.7984	
345.08	-0.279	274.4	-1.7992	
345.17	-0.278	274.4	-1.7992	
345.25	-0.276	274.3	-1.7992	
345.33	-0.274	274.3	-1.7992	
345.42	-0.273	274.3	-1.7992	
345.50	-0.27	274.3	-1.7984	
345.58	-0.267	274.3	-1.7984	
345.67	-0.264	274.3	-1.7975	
345.75	-0.263	274.3	-1.7966	
345.83	-0.26	274.3	-1.7966	
345.92	-0.256	274.3	-1.7957	
346.00	-0.251	274.4	-1.7948	
346.08	-0.251	274.5	-1.7939	
346.17	-0.247	274.5	-1.793	
346.25	-0.243	274.6	-1.7921	
346.33	-0.242	274.7	-1.7913	
346.42	-0.237	274.7	-1.7913	
346.50	-0.232	274.9	-1.7895	
346.58	-0.228	275	-1.7886	
346.67	-0.225	275.1	-1.7868	
346.75	-0.221	275.3	-1.7859	
346.83	-0.215	275.4	-1.7842	
346.92	-0.214	275.5	-1.7833	
347.00	-0.209	275.7	-1.7815	
347.08	-0.203	275.9	-1.7806	
347.17	-0.197	276.1	-1.7788	
347.27	-0.195	276.2	-1.7771	
347.33	-0.19	276.4	-1.7753	
347.42	-0.183	276.6	-1.7735	
347.50	-0.177	276.9	-1.7717	
347.58	-0.175	277.1	-1.7682	
347.67	-0.17	277.3	-1.7664	
347.75	-0.164	277.6	-1.7646	
347.83	-0.16	277.8	-1.762	
347.92	-0.153	278	-1.7602	
348.00	-0.146	278.3	-1.7575	
348.08	-0.139	278.6	-1.7549	
348.17	-0.136	278.9	-1.7513	
348.25	-0.129	279.2	-1.7487	
348.33	-0.122	279.5	-1.7451	
348.42	-0.116	279.8	-1.7416	
348.50	-0.115	280	-1.7389	
348.58	-0.105	280.3	-1.7362	
348.67	-0.097	280.8	-1.7336	
348.75	-0.095	281	-1.7282	
348.83	-0.088	281.3	-1.7256	
348.92	-0.078	281.6	-1.722	
349.00	-0.072	282.1	-1.7185	
349.08	-0.069	282.4	-1.7123	
349.17	-0.062	282.7	-1.7078	
349.25	-0.054	283.1	-1.7043	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
349.33	-0.052	283.3	-1.7007	
349.42	-0.044	283.7	-1.6963	
349.50	-0.035	284.1	-1.691	
349.58	-0.026	284.6	-1.6865	
349.67	-0.024	284.9	-1.6785	
349.75	-0.017	285.3	-1.6732	
349.83	-0.008	285.6	-1.667	
349.92	-0.006	285.9	-1.6626	
350.00	0.002	286.3	-1.6563	
350.08	0.013	286.6	-1.6483	
350.18	0.017	287.1	-1.6404	
350.25	0.021	287.3	-1.635	
350.33	0.029	287.7	-1.6279	
350.42	0.038	288	-1.6199	
350.50	0.046	288.6	-1.612	
350.58	0.05	288.9	-1.5995	
350.67	0.056	289.3	-1.5907	
350.75	0.064	289.7	-1.5809	
350.83	0.07	290.1	-1.5702	
350.92	0.075	290.4	-1.5622	
351.00	0.084	290.8	-1.5516	
351.08	0.089	291.4	-1.5392	
351.17	0.095	291.8	-1.5223	
351.25	0.101	292.1	-1.5081	
351.33	0.109	292.6	-1.493	
351.42	0.112	292.9	-1.4788	
351.50	0.119	293.4	-1.4611	
351.60	0.128	293.9	-1.4335	
351.67	0.133	294.3	-1.4176	
351.75	0.136	294.7	-1.3998	
351.83	0.143	295.1	-1.3776	
351.92	0.152	295.5	-1.351	
352.00	0.159	296.1	-1.3279	
352.08	0.162	296.5	-1.288	
352.17	0.167	297	-1.256	
352.25	0.174	297.4	-1.2294	
352.33	0.177	297.8	-1.2001	
352.42	0.183	298.2	-1.1717	
352.50	0.189	298.6	-1.1415	
352.58	0.196	299.2	-1.1113	
352.67	0.201	299.6	-1.059	
352.75	0.205	300	-1.0288	
352.83	0.21	300.4	-1.0048	
352.92	0.214	300.8	-0.9737	
353.00	0.219	301.1	-0.9418	
353.10	0.223	301.7	-0.901	
353.17	0.231	302.1	-0.8681	
353.25	0.233	302.4	-0.8441	
353.33	0.236	302.8	-0.8211	
353.42	0.242	303.2	-0.7909	
353.50	0.249	303.7	-0.7678	
353.58	0.249	304	-0.7323	
353.67	0.256	304.4	-0.7066	
353.75	0.257	304.7	-0.687	
353.83	0.261	305	-0.6622	
353.92	0.265	305.3	-0.64	
354.00	0.268	305.6	-0.6213	
354.08	0.273	306.1	-0.6018	
354.17	0.274	306.4	-0.5752	
354.25	0.277	306.7	-0.5583	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
354.33	0.28	306.9	-0.5423	
354.42	0.282	307.2	-0.5264	
354.52	0.285	307.6	-0.5051	
354.58	0.288	307.9	-0.4926	
354.67	0.29	308.1	-0.4793	
354.75	0.293	308.4	-0.4678	
354.83	0.293	308.6	-0.4562	
354.92	0.294	308.9	-0.4483	
355.00	0.295	309.2	-0.4412	
355.08	0.297	309.4	-0.4314	
355.17	0.297	309.6	-0.4252	
355.25	0.299	309.9	-0.419	
355.33	0.3	310	-0.4119	
355.42	0.302	310.2	-0.4048	
355.50	0.303	310.4	-0.4003	
355.58	0.303	310.6	-0.395	
355.67	0.305	310.8	-0.387	
355.75	0.304	310.9	-0.3835	
355.83	0.304	311.1	-0.3799	
355.92	0.305	311.3	-0.3764	
356.00	0.304	311.4	-0.3728	
356.08	0.304	311.6	-0.3701	
356.17	0.304	311.7	-0.3684	
356.25	0.304	311.8	-0.3666	
356.33	0.303	311.9	-0.3657	
356.42	0.302	312	-0.3648	
356.50	0.301	312.1	-0.3639	
356.58	0.299	312.2	-0.363	
356.67	0.298	312.3	-0.363	
356.75	0.297	312.4	-0.3622	
356.83	0.296	312.5	-0.3622	
356.92	0.293	312.5	-0.3622	
357.00	0.291	312.6	-0.3622	
357.08	0.288	312.7	-0.3622	
357.17	0.287	312.7	-0.363	
357.25	0.285	312.8	-0.363	
357.33	0.283	312.8	-0.363	
357.43	0.279	312.8	-0.363	
357.50	0.276	312.8	-0.3639	
357.58	0.273	312.8	-0.3648	
357.67	0.27	312.9	-0.3648	
357.75	0.269	312.9	-0.3648	
357.83	0.265	312.9	-0.3657	
357.92	0.259	312.8	-0.3666	
358.00	0.256	312.8	-0.3675	
358.08	0.253	312.8	-0.3684	
358.17	0.249	312.8	-0.3684	
358.25	0.243	312.7	-0.3693	
358.33	0.241	312.7	-0.3701	
358.42	0.236	312.7	-0.371	
358.50	0.23	312.6	-0.3719	
358.58	0.227	312.5	-0.3728	
358.67	0.223	312.4	-0.3737	
358.75	0.219	312.4	-0.3746	
358.83	0.213	312.3	-0.3764	
358.92	0.208	312.2	-0.3772	
359.00	0.204	312.1	-0.379	
359.08	0.198	312	-0.3799	
359.17	0.194	311.9	-0.3808	
359.25	0.189	311.8	-0.3826	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
359.33	0.184	311.7	-0.3843	
359.42	0.176	311.5	-0.3852	
359.50	0.17	311.4	-0.387	
359.58	0.166	311.2	-0.3897	
359.67	0.161	311.1	-0.3906	
359.75	0.155	311	-0.3923	
359.83	0.15	310.8	-0.395	
359.92	0.144	310.7	-0.3968	
360.00	0.136	310.4	-0.3986	
360.08	0.123	310.2	-0.4003	
360.17	0.125	310.1	-0.4048	
360.25	0.119	309.9	-0.4065	
360.35	0.112	309.6	-0.4083	
360.42	0.104	309.4	-0.411	
360.50	0.1	309.2	-0.4145	
360.58	0.093	309.1	-0.4172	
360.67	0.087	308.9	-0.4199	
360.75	0.082	308.7	-0.4234	
360.83	0.076	308.4	-0.4261	
360.92	0.065	308	-0.4296	
361.00	0.06	307.8	-0.4323	
361.08	0.055	307.6	-0.4376	
361.17	0.047	307.3	-0.4412	
361.25	0.041	307.1	-0.4447	
361.33	0.039	306.8	-0.4483	
361.42	0.029	306.5	-0.4536	
361.50	0.02	306.1	-0.4589	
361.58	0.012	305.8	-0.4625	
361.67	0.008	305.6	-0.4696	
361.77	0.001	305.3	-0.474	
361.83	-0.008	304.9	-0.4784	
361.92	-0.012	304.6	-0.4838	
362.00	-0.018	304.3	-0.4909	
362.08	-0.026	303.9	-0.4971	
362.17	-0.032	303.6	-0.5033	
362.25	-0.037	303.3	-0.5086	
362.33	-0.046	302.9	-0.5157	
362.42	-0.053	302.5	-0.5219	
362.50	-0.06	302.1	-0.5299	
362.58	-0.064	301.8	-0.5406	
362.67	-0.072	301.4	-0.5486	
362.75	-0.079	301.1	-0.5574	
362.83	-0.083	300.7	-0.5663	
362.92	-0.09	300.4	-0.5743	
363.00	-0.096	299.9	-0.5841	
363.08	-0.106	299.4	-0.5965	
363.17	-0.11	299.1	-0.6134	
363.27	-0.115	298.7	-0.624	
363.33	-0.123	298.2	-0.6356	
363.42	-0.13	297.8	-0.6506	
363.50	-0.133	297.4	-0.6755	
363.58	-0.139	297	-0.695	
363.67	-0.144	296.7	-0.7154	
363.75	-0.147	296.3	-0.7367	
363.83	-0.154	295.9	-0.7651	
363.92	-0.164	295.2	-0.7944	
364.00	-0.168	294.9	-0.8193	
364.08	-0.172	294.6	-0.8637	
364.17	-0.177	294.3	-0.8983	
364.25	-0.184	293.8	-0.9373	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
364.33	-0.186	293.5	-0.9702	
364.42	-0.192	293.2	-1.0048	
364.50	-0.198	292.4	-1.0394	
364.58	-0.203	292	-1.074	
364.68	-0.207	291.7	-1.1291	
364.75	-0.211	291.4	-1.1593	
364.83	-0.217	290.6	-1.1894	
364.92	-0.22	290.1	-1.2241	
365.00	-0.223	289.8	-1.2729	
365.08	-0.228	289.2	-1.3048	
365.17	-0.232	288.2	-1.3332	
365.25	-0.235	287.7	-1.3608	
365.33	-0.238	287.2	-1.3892	
365.42	-0.244	286.5	-1.4185	
365.50	-0.246	286	-1.4451	
365.58	-0.249	285.5	-1.4806	
365.67	-0.253	285.1	-1.5046	
365.75	-0.256	284.6	-1.5276	
365.83	-0.258	284.2	-1.5498	
365.92	-0.262	283.7	-1.5702	
366.00	-0.265	283.1	-1.588	
366.08	-0.267	282.7	-1.6066	
366.18	-0.268	282.3	-1.6315	
366.25	-0.271	281.9	-1.6475	
366.33	-0.274	281.3	-1.6617	
366.42	-0.275	280.9	-1.6821	
366.50	-0.277	280.5	-1.6954	
366.58	-0.279	280.2	-1.7078	
366.67	-0.28	279.8	-1.7194	
366.75	-0.281	279.5	-1.73	
366.83	-0.283	279.1	-1.7407	
366.92	-0.284	278.6	-1.7495	
367.00	-0.284	278.3	-1.7611	
367.08	-0.285	278.1	-1.7682	
367.17	-0.286	277.8	-1.7744	
367.25	-0.286	277.5	-1.7806	
367.33	-0.287	277.3	-1.7859	
367.42	-0.288	277.1	-1.7913	
367.50	-0.288	276.8	-1.7957	
367.60	-0.287	276.6	-1.801	
367.67	-0.287	276.4	-1.8055	
367.75	-0.287	276.2	-1.8081	
367.83	-0.286	276	-1.8108	
367.92	-0.286	275.8	-1.8135	
368.00	-0.285	275.7	-1.8152	
368.08	-0.284	275.6	-1.817	
368.17	-0.284	275.5	-1.8179	
368.25	-0.282	275.4	-1.8179	
368.33	-0.281	275.3	-1.8188	
368.42	-0.278	275.2	-1.8188	
368.50	-0.277	275.1	-1.8197	
368.58	-0.276	275.1	-1.8197	
368.67	-0.274	275.1	-1.8197	
368.75	-0.272	275	-1.8188	
368.83	-0.27	275	-1.8188	
368.92	-0.267	275.1	-1.8179	
369.00	-0.264	275	-1.8179	
369.08	-0.263	275.1	-1.817	
369.17	-0.26	275.1	-1.817	
369.25	-0.257	275.1	-1.8161	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
369.33	-0.253	275.2	-1.8161	
369.42	-0.249	275.3	-1.8143	
369.50	-0.247	275.3	-1.8135	
369.58	-0.243	275.4	-1.8126	
369.67	-0.241	275.5	-1.8117	
369.75	-0.237	275.5	-1.8108	
369.83	-0.233	275.7	-1.8099	
369.92	-0.227	275.8	-1.809	
370.00	-0.224	275.9	-1.8072	
370.08	-0.222	276	-1.8063	
370.17	-0.214	276.2	-1.8046	
370.25	-0.214	276.3	-1.8037	
370.33	-0.209	276.5	-1.8019	
370.42	-0.202	276.7	-1.8001	
370.52	-0.199	276.8	-1.7984	
370.58	-0.195	277	-1.7966	
370.67	-0.191	277.2	-1.7957	
370.75	-0.184	277.4	-1.793	
370.83	-0.177	277.7	-1.7913	
370.92	-0.174	277.9	-1.7886	
371.00	-0.169	278.1	-1.7868	
371.08	-0.162	278.4	-1.7842	
371.17	-0.158	278.6	-1.7824	
371.25	-0.154	278.8	-1.7797	
371.33	-0.147	279.1	-1.7779	
371.42	-0.139	279.5	-1.7753	
371.50	-0.135	279.8	-1.7708	
371.58	-0.13	280	-1.7682	
371.67	-0.123	280.3	-1.7655	
371.75	-0.119	280.6	-1.7629	
371.83	-0.113	280.9	-1.7593	
371.93	-0.105	281.3	-1.7549	
372.00	-0.098	281.6	-1.7522	
372.08	-0.095	281.8	-1.7487	
372.17	-0.09	282.1	-1.7451	
372.25	-0.08	282.5	-1.7416	
372.33	-0.071	282.9	-1.738	
372.42	-0.067	283.3	-1.7318	
372.50	-0.063	283.5	-1.7282	
372.58	-0.053	283.9	-1.7229	
372.67	-0.049	284.2	-1.7185	
372.75	-0.044	284.5	-1.7149	
372.83	-0.036	284.9	-1.7096	
372.92	-0.027	285.4	-1.706	
373.00	-0.023	285.7	-1.6981	
373.08	-0.017	286.1	-1.6927	
373.17	-0.01	286.4	-1.6865	
373.25	-0.005	286.7	-1.6812	
373.33	0.001	287.1	-1.6759	
373.43	0.01	287.6	-1.6661	
373.50	0.019	287.9	-1.6599	
373.58	0.022	288.1	-1.6537	
373.67	0.028	288.5	-1.6466	
373.75	0.038	288.9	-1.6386	
373.83	0.047	289.5	-1.6306	
373.92	0.051	289.8	-1.6173	
374.00	0.057	290.2	-1.6093	
374.08	0.064	290.6	-1.6004	
374.17	0.068	290.9	-1.5907	
374.25	0.074	291.3	-1.58	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
374.33	0.081	291.8	-1.5667	
374.42	0.093	292.3	-1.5569	
374.50	0.098	292.7	-1.5365	
374.58	0.102	293.1	-1.525	
374.67	0.109	293.5	-1.5117	
374.75	0.112	293.8	-1.4966	
374.85	0.12	294.4	-1.4717	
374.92	0.127	294.8	-1.4548	
375.00	0.132	295.2	-1.4362	
375.08	0.137	295.6	-1.4149	
375.17	0.142	296	-1.3918	
375.25	0.151	296.5	-1.3634	
375.33	0.158	297.1	-1.3395	
375.42	0.162	297.5	-1.2995	
375.50	0.167	297.9	-1.272	
375.58	0.173	298.3	-1.2445	
375.67	0.176	298.7	-1.217	
375.75	0.183	299.1	-1.1841	
375.83	0.189	299.5	-1.1495	
375.92	0.196	300.2	-1.122	
376.00	0.199	300.5	-1.0758	
376.08	0.204	300.9	-1.043	
376.17	0.21	301.3	-1.0119	
376.25	0.214	301.7	-0.9808	
376.35	0.219	302.3	-0.9373	
376.42	0.224	302.6	-0.9089	
376.50	0.226	303	-0.8903	
376.58	0.229	303.4	-0.8681	
376.67	0.234	303.8	-0.8415	
376.75	0.24	304.2	-0.814	
376.83	0.245	304.7	-0.7882	
376.92	0.248	305.1	-0.7501	
377.00	0.252	305.4	-0.7261	
377.08	0.256	305.7	-0.7021	
377.17	0.259	306	-0.6773	
377.25	0.263	306.4	-0.6533	
377.33	0.267	306.7	-0.6329	
377.42	0.271	307.1	-0.6134	
377.50	0.273	307.4	-0.5858	
377.58	0.278	307.7	-0.5681	
377.67	0.279	307.9	-0.5548	
377.77	0.283	308.3	-0.5397	
377.83	0.284	308.6	-0.5193	
377.92	0.286	308.9	-0.5051	
378.00	0.289	309.1	-0.4918	
378.08	0.291	309.3	-0.4776	
378.17	0.293	309.6	-0.466	
378.25	0.295	309.8	-0.4554	
378.33	0.297	310.1	-0.4447	
378.42	0.298	310.3	-0.4314	
378.50	0.301	310.5	-0.4225	
378.58	0.301	310.7	-0.4163	
378.67	0.302	310.9	-0.4092	
378.75	0.303	311.1	-0.403	
378.83	0.303	311.3	-0.3968	
378.92	0.305	311.5	-0.3923	
379.00	0.306	311.7	-0.3843	
379.08	0.306	311.9	-0.3808	
379.17	0.305	312	-0.3781	
379.25	0.305	312.2	-0.3746	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
379.33	0.306	312.3	-0.371	
379.42	0.305	312.5	-0.3693	
379.50	0.305	312.6	-0.3666	
379.58	0.305	312.7	-0.3657	
379.67	0.304	312.8	-0.3648	
379.75	0.302	312.9	-0.363	
379.83	0.301	313.1	-0.3622	
379.92	0.3	313.1	-0.3622	
380.00	0.299	313.2	-0.3613	
380.08	0.298	313.3	-0.3613	
380.17	0.296	313.4	-0.3613	
380.25	0.294	313.5	-0.3613	
380.33	0.292	313.5	-0.3613	
380.42	0.29	313.6	-0.3613	
380.50	0.288	313.6	-0.3613	
380.58	0.286	313.6	-0.3622	
380.68	0.283	313.7	-0.3622	
380.75	0.278	313.7	-0.3622	
380.83	0.278	313.7	-0.363	
380.92	0.274	313.7	-0.363	
381.00	0.271	313.8	-0.3639	
381.08	0.27	313.8	-0.3639	
381.17	0.266	313.8	-0.3648	
381.25	0.26	313.7	-0.3657	
381.33	0.256	313.7	-0.3657	
381.42	0.253	313.7	-0.3675	
381.50	0.25	313.6	-0.3675	
381.58	0.246	313.6	-0.3684	
381.67	0.243	313.6	-0.3693	
381.75	0.24	313.5	-0.3701	
381.83	0.232	313.5	-0.371	
381.92	0.228	313.4	-0.3719	
382.00	0.225	313.3	-0.3728	
382.10	0.218	313.2	-0.3746	
382.17	0.212	313.2	-0.3755	
382.25	0.208	313.1	-0.3764	
382.33	0.205	313	-0.3781	
382.42	0.198	312.9	-0.379	
382.50	0.194	312.8	-0.3799	
382.58	0.187	312.7	-0.3817	
382.67	0.184	312.5	-0.3835	
382.75	0.178	312.4	-0.3852	
382.83	0.169	312.2	-0.3861	
382.92	0.166	312.1	-0.3888	
383.00	0.159	312	-0.3906	
383.08	0.155	311.8	-0.3923	
383.17	0.15	311.7	-0.3941	
383.25	0.144	311.5	-0.3959	
383.33	0.136	311.4	-0.3977	
383.42	0.126	311.1	-0.4003	
383.50	0.124	311	-0.4039	
383.60	0.119	310.8	-0.4057	
383.67	0.111	310.6	-0.4074	
383.75	0.104	310.3	-0.4101	
383.83	0.101	310.1	-0.4136	
383.92	0.095	309.9	-0.4163	
384.00	0.086	309.7	-0.4199	
384.08	0.082	309.5	-0.4225	
384.17	0.078	309.3	-0.4252	
384.25	0.066	309	-0.4296	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
384.33	0.059	308.7	-0.4323	
384.42	0.055	308.5	-0.4376	
384.50	0.049	308.2	-0.4403	
384.58	0.04	307.9	-0.4447	
384.67	0.036	307.7	-0.4491	
384.75	0.031	307.4	-0.4527	
384.83	0.02	307.1	-0.4589	
384.92	0.012	306.7	-0.4616	
385.02	0.007	306.4	-0.4687	
385.08	0.003	306.2	-0.4722	
385.17	-0.007	305.9	-0.4784	
385.25	-0.015	305.4	-0.4838	
385.33	-0.019	305.1	-0.4909	
385.42	-0.025	304.8	-0.4971	
385.50	-0.033	304.4	-0.5042	
385.58	-0.036	304.1	-0.5095	
385.67	-0.043	303.8	-0.5157	
385.75	-0.052	303.4	-0.5237	
385.83	-0.06	302.9	-0.5299	
385.92	-0.062	302.7	-0.5406	
386.00	-0.071	302.3	-0.5503	
386.08	-0.08	301.9	-0.5592	
386.17	-0.083	301.6	-0.5672	
386.25	-0.088	301.2	-0.5752	
386.33	-0.1	300.8	-0.585	
386.42	-0.104	300.3	-0.5974	
386.52	-0.108	299.9	-0.6134	
386.58	-0.115	299.6	-0.6249	
386.67	-0.123	299.2	-0.6382	
386.75	-0.13	298.6	-0.6524	
386.83	-0.133	298.3	-0.679	
386.92	-0.139	297.9	-0.6986	
387.00	-0.146	297.4	-0.7225	
387.08	-0.149	297.1	-0.7456	
387.17	-0.155	296.7	-0.7722	
387.25	-0.163	296.3	-0.7989	
387.33	-0.17	295.6	-0.8282	
387.42	-0.172	295.3	-0.8761	
387.50	-0.178	295	-0.9134	
387.58	-0.183	294.6	-0.9453	
387.67	-0.186	294.2	-0.9817	
387.75	-0.192	293.9	-1.0217	
387.83	-0.198	293.6	-1.0554	
387.93	-0.201	292.8	-1.1024	
388.00	-0.206	292.4	-1.1362	
388.08	-0.21	292.1	-1.1743	
388.17	-0.218	291.6	-1.2161	
388.25	-0.22	290.9	-1.2525	
388.33	-0.224	290.5	-1.2942	
388.42	-0.228	289.9	-1.3261	
388.50	-0.232	288.9	-1.3537	
388.58	-0.234	288.5	-1.3821	
388.67	-0.238	288	-1.4105	
388.75	-0.243	287.5	-1.438	
388.83	-0.248	286.7	-1.4646	
388.92	-0.249	286.3	-1.501	
389.00	-0.253	285.8	-1.5241	
389.08	-0.255	285.4	-1.5454	
389.17	-0.258	284.9	-1.5676	
389.25	-0.261	284.5	-1.588	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
389.33	-0.264	284	-1.6075	
389.42	-0.266	283.4	-1.6324	
389.50	-0.268	283	-1.6492	
389.58	-0.27	282.6	-1.6643	
389.67	-0.274	282.2	-1.6812	
389.75	-0.275	281.6	-1.6945	
389.83	-0.276	281.3	-1.7123	
389.92	-0.278	280.9	-1.7256	
390.00	-0.28	280.5	-1.7371	
390.08	-0.281	280.2	-1.7495	
390.17	-0.283	279.9	-1.7593	
390.25	-0.284	279.6	-1.7673	
390.33	-0.286	279.1	-1.7762	
390.42	-0.288	278.8	-1.793	
390.50	-0.285	278.5	-1.7975	
390.58	-0.287	278.2	-1.8028	
390.67	-0.287	278	-1.8081	
390.75	-0.287	277.8	-1.8126	
390.85	-0.287	277.5	-1.8188	
390.92	-0.287	277.3	-1.8232	
391.00	-0.287	277.1	-1.8259	
391.08	-0.287	276.9	-1.8285	
391.17	-0.287	276.8	-1.8303	
391.25	-0.286	276.6	-1.833	
391.33	-0.285	276.4	-1.8356	
391.42	-0.284	276.3	-1.8365	
391.50	-0.283	276.2	-1.8374	
391.58	-0.283	276.1	-1.8383	
391.67	-0.28	276.1	-1.8383	
391.75	-0.279	276	-1.8392	
391.83	-0.277	275.9	-1.8392	
391.92	-0.275	275.9	-1.8392	
392.00	-0.273	275.8	-1.8392	
392.08	-0.272	275.8	-1.8392	
392.17	-0.27	275.8	-1.8383	
392.27	-0.268	275.8	-1.8383	
392.33	-0.265	275.8	-1.8374	
392.42	-0.262	275.8	-1.8374	
392.50	-0.26	275.8	-1.8365	
392.58	-0.256	275.9	-1.8356	
392.67	-0.252	276	-1.8356	
392.75	-0.25	276	-1.8348	
392.83	-0.248	276	-1.8339	
392.92	-0.243	276.1	-1.833	
393.00	-0.241	276.2	-1.8312	
393.08	-0.237	276.3	-1.8312	
393.17	-0.233	276.4	-1.8294	
393.25	-0.228	276.6	-1.8285	
393.33	-0.225	276.7	-1.8277	
393.42	-0.222	276.8	-1.8259	
393.50	-0.217	276.9	-1.825	
393.58	-0.212	277.1	-1.8232	
393.67	-0.21	277.2	-1.8206	
393.77	-0.204	277.5	-1.8188	
393.83	-0.198	277.7	-1.817	
393.92	-0.193	277.8	-1.8161	
394.00	-0.192	278	-1.8143	
394.08	-0.184	278.2	-1.8126	
394.17	-0.178	278.5	-1.8108	
394.25	-0.173	278.7	-1.8081	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
394.33	-0.169	278.9	-1.8055	
394.42	-0.163	279.2	-1.8037	
394.50	-0.157	279.4	-1.801	
394.58	-0.154	279.6	-1.7992	
394.67	-0.147	279.9	-1.7966	
394.75	-0.14	280.3	-1.7939	
394.83	-0.134	280.5	-1.7913	
394.92	-0.13	280.8	-1.7868	
395.00	-0.123	281.1	-1.7842	
395.08	-0.117	281.4	-1.7806	
395.18	-0.111	281.8	-1.7779	
395.25	-0.105	282	-1.7744	
395.33	-0.099	282.3	-1.7708	
395.42	-0.094	282.6	-1.7673	
395.50	-0.09	282.9	-1.7646	
395.58	-0.081	283.3	-1.7602	
395.67	-0.073	283.7	-1.7566	
395.75	-0.066	284	-1.7522	
395.83	-0.062	284.3	-1.746	
395.92	-0.055	284.7	-1.7416	
396.00	-0.051	285	-1.7371	
396.08	-0.045	285.3	-1.7327	
396.17	-0.036	285.7	-1.7282	
396.25	-0.028	286.2	-1.7229	
396.33	-0.02	286.6	-1.7176	
396.42	-0.016	286.9	-1.7096	
396.50	-0.008	287.2	-1.7043	
396.58	-0.002	287.6	-1.6989	
396.68	0.005	288.1	-1.6936	
396.75	0.01	288.4	-1.6839	
396.83	0.017	288.7	-1.6776	
396.92	0.023	289	-1.6714	
397.00	0.028	289.3	-1.6643	
397.08	0.036	289.7	-1.6563	
397.17	0.046	290.3	-1.6483	
397.25	0.05	290.6	-1.6412	
397.33	0.056	291	-1.6279	
397.42	0.063	291.4	-1.6182	
397.50	0.069	291.8	-1.6084	
397.58	0.074	292.1	-1.5978	
397.67	0.079	292.6	-1.588	
397.75	0.088	293.2	-1.5782	
397.83	0.094	293.6	-1.5622	
397.92	0.1	293.9	-1.5436	
398.00	0.107	294.3	-1.5276	
398.10	0.114	294.9	-1.5134	
398.17	0.119	295.3	-1.4992	
398.25	0.125	295.7	-1.4726	
398.33	0.133	296.1	-1.4486	
398.42	0.136	296.5	-1.4291	
398.50	0.142	296.9	-1.406	
398.58	0.148	297.4	-1.3812	
398.67	0.156	298	-1.3528	
398.75	0.162	298.4	-1.3261	
398.83	0.168	298.8	-1.2818	
398.92	0.172	299.2	-1.2569	
399.00	0.176	299.6	-1.2241	
399.08	0.183	300.1	-1.1903	
399.17	0.19	300.5	-1.1557	
399.25	0.197	301	-1.1317	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500			tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270			deviatore ciclico (kPa)	
frequenza (hz)	0.0007143			frequenza (hz)	
399.33	0.199	301.4	-1.1007		
399.42	0.205	301.8	-1.0474		
399.50	0.211	302.2	-1.0163		
399.58	0.215	302.7	-0.9888		
399.67	0.221	303.1	-0.9622		
399.75	0.226	303.5	-0.9116		
399.83	0.228	303.9	-0.885		
399.92	0.233	304.3	-0.8548		
400.00	0.237	304.6	-0.8237		
400.08	0.242	305	-0.7962		
400.17	0.248	305.5	-0.7722		
400.25	0.25	305.9	-0.7492		
400.33	0.255	306.2	-0.7128		
400.42	0.257	306.5	-0.6888		
400.50	0.261	306.8	-0.6648		
400.58	0.263	307.1	-0.6462		
400.67	0.268	307.5	-0.6276		
400.75	0.272	307.9	-0.6071		
400.83	0.275	308.2	-0.5876		
400.92	0.278	308.5	-0.5619		
401.02	0.281	308.8	-0.545		
401.08	0.285	309.2	-0.5308		
401.17	0.285	309.4	-0.5113		
401.25	0.288	309.7	-0.498		
401.33	0.291	309.9	-0.4847		
401.42	0.292	310.2	-0.4731		
401.50	0.294	310.4	-0.4616		
401.58	0.295	310.6	-0.45		
401.67	0.298	310.9	-0.4403		
401.75	0.299	311.1	-0.4278		
401.83	0.301	311.3	-0.4199		
401.92	0.302	311.5	-0.4128		
402.00	0.303	311.7	-0.4057		
402.08	0.303	311.9	-0.4003		
402.17	0.305	312.1	-0.395		
402.25	0.305	312.3	-0.3897		
402.33	0.306	312.5	-0.3826		
402.43	0.306	312.7	-0.379		
402.50	0.306	312.8	-0.3755		
402.58	0.306	313	-0.3728		
402.67	0.306	313.2	-0.3684		
402.75	0.306	313.3	-0.3666		
402.83	0.306	313.5	-0.3648		
402.92	0.305	313.6	-0.3639		
403.00	0.304	313.7	-0.3622		
403.08	0.303	313.8	-0.3613		
403.17	0.302	313.9	-0.3604		
403.25	0.301	314	-0.3595		
403.33	0.299	314.1	-0.3595		
403.42	0.298	314.1	-0.3595		
403.50	0.297	314.2	-0.3595		
403.58	0.296	314.3	-0.3595		
403.67	0.293	314.3	-0.3595		
403.75	0.289	314.4	-0.3595		
403.83	0.287	314.4	-0.3595		
403.93	0.286	314.5	-0.3595		
404.00	0.282	314.5	-0.3604		
404.08	0.281	314.5	-0.3604		
404.17	0.278	314.5	-0.3613		
404.25	0.275	314.6	-0.3613		

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
404.33	0.272	314.6	-0.3622	
404.42	0.269	314.5	-0.3622	
404.50	0.267	314.6	-0.363	
404.58	0.261	314.5	-0.3639	
404.67	0.255	314.5	-0.3648	
404.75	0.252	314.5	-0.3657	
404.83	0.247	314.5	-0.3666	
404.92	0.245	314.5	-0.3666	
405.00	0.241	314.5	-0.3675	
405.08	0.237	314.4	-0.3684	
405.17	0.231	314.3	-0.3693	
405.25	0.227	314.3	-0.3701	
405.35	0.222	314.2	-0.3719	
405.42	0.22	314.1	-0.3719	
405.50	0.213	314	-0.3737	
405.58	0.207	313.9	-0.3746	
405.67	0.205	313.9	-0.3764	
405.75	0.199	313.8	-0.3772	
405.83	0.193	313.6	-0.379	
405.92	0.191	313.6	-0.3799	
406.00	0.183	313.4	-0.3817	
406.08	0.177	313.3	-0.3835	
406.17	0.171	313.1	-0.3843	
406.25	0.167	313	-0.387	
406.33	0.161	312.8	-0.3888	
406.42	0.154	312.7	-0.3906	
406.50	0.151	312.5	-0.3923	
406.58	0.145	312.4	-0.3941	
406.67	0.136	312.2	-0.3968	
406.75	0.128	311.9	-0.3986	
406.85	0.126	311.8	-0.4021	
406.92	0.119	311.6	-0.4039	
407.00	0.111	311.4	-0.4065	
407.08	0.105	311.1	-0.4083	
407.17	0.101	310.9	-0.4119	
407.25	0.094	310.7	-0.4154	
407.33	0.086	310.5	-0.4181	
407.42	0.083	310.3	-0.4207	
407.50	0.075	310	-0.4243	
407.58	0.067	309.8	-0.4278	
407.67	0.057	309.4	-0.4305	
407.75	0.054	309.2	-0.4358	
407.83	0.048	309	-0.4403	
407.92	0.038	308.7	-0.4447	
408.00	0.036	308.5	-0.4483	
408.08	0.03	308.2	-0.4518	
408.17	0.022	307.9	-0.4562	
408.27	0.012	307.4	-0.4642	
408.33	0.009	307.2	-0.4678	
408.42	0.005	307	-0.4722	
408.50	-0.007	306.6	-0.4793	
408.58	-0.014	306.2	-0.4829	
408.67	-0.016	305.9	-0.49	
408.75	-0.025	305.6	-0.4971	
408.83	-0.034	305.2	-0.5033	
408.92	-0.039	304.9	-0.5095	
409.00	-0.044	304.6	-0.5166	
409.08	-0.053	304.2	-0.5228	
409.17	-0.061	303.7	-0.5299	
409.25	-0.065	303.4	-0.5415	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
409.33	-0.073	303	-0.5503	
409.42	-0.079	302.7	-0.5583	
409.50	-0.082	302.3	-0.5663	
409.58	-0.087	302	-0.5752	
409.67	-0.099	301.5	-0.5876	
409.75	-0.105	301	-0.6018	
409.83	-0.106	300.7	-0.6116	
409.92	-0.114	300.3	-0.6284	
410.00	-0.124	299.9	-0.6418	
410.08	-0.131	299.3	-0.6577	
410.17	-0.134	298.9	-0.6861	
410.25	-0.139	298.6	-0.7083	
410.33	-0.147	298.1	-0.7279	
410.42	-0.15	297.8	-0.7518	
410.50	-0.154	297.4	-0.7793	
410.58	-0.163	296.9	-0.814	
410.67	-0.169	296.3	-0.8415	
410.75	-0.171	295.9	-0.8868	
410.83	-0.176	295.6	-0.924	
410.92	-0.185	295.2	-0.9631	
411.00	-0.187	294.9	-0.9986	
411.08	-0.191	294.5	-1.0341	
411.18	-0.197	294.1	-1.0874	
411.25	-0.203	293.3	-1.1229	
411.33	-0.204	293	-1.1548	
411.42	-0.21	292.6	-1.1921	
411.50	-0.215	292.3	-1.2276	
411.58	-0.221	291.6	-1.256	
411.67	-0.224	291	-1.3084	
411.75	-0.227	290.7	-1.3386	
411.83	-0.232	290.2	-1.3723	
411.92	-0.235	289.7	-1.4025	
412.00	-0.239	288.6	-1.4344	
412.08	-0.241	288.2	-1.4557	
412.17	-0.248	287.3	-1.4806	
412.25	-0.249	286.9	-1.5188	
412.33	-0.251	286.5	-1.5392	
412.42	-0.257	286	-1.5649	
412.50	-0.257	285.6	-1.5844	
412.60	-0.261	284.9	-1.6137	
412.67	-0.265	284.5	-1.6333	
412.75	-0.266	284.1	-1.6501	
412.83	-0.268	283.7	-1.6661	
412.92	-0.27	283.3	-1.683	
413.00	-0.274	282.9	-1.6998	
413.08	-0.276	282.3	-1.7131	
413.17	-0.276	281.9	-1.7327	
413.25	-0.278	281.5	-1.746	
413.33	-0.28	281.2	-1.7566	
413.42	-0.281	280.9	-1.7673	
413.50	-0.282	280.5	-1.7779	
413.58	-0.284	280.2	-1.7868	
413.67	-0.283	279.8	-1.7948	
413.75	-0.286	279.5	-1.8063	
413.83	-0.285	279.3	-1.8126	
413.92	-0.287	278.9	-1.8206	
414.00	-0.287	278.7	-1.8268	
414.10	-0.287	278.3	-1.833	
414.17	-0.287	278.1	-1.8365	
414.25	-0.287	277.9	-1.841	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
414.33	-0.288	277.7	-1.8445	
414.42	-0.286	277.6	-1.8472	
414.50	-0.286	277.4	-1.8498	
414.58	-0.287	277.2	-1.8516	
414.67	-0.285	277.1	-1.8543	
414.75	-0.285	277	-1.8552	
414.83	-0.282	276.9	-1.8561	
414.92	-0.282	276.8	-1.8569	
415.00	-0.281	276.7	-1.8569	
415.08	-0.278	276.6	-1.8578	
415.17	-0.277	276.6	-1.8578	
415.25	-0.276	276.5	-1.8578	
415.33	-0.274	276.5	-1.8578	
415.42	-0.272	276.5	-1.8578	
415.52	-0.269	276.4	-1.8569	
415.58	-0.267	276.4	-1.8569	
415.67	-0.265	276.4	-1.8561	
415.75	-0.262	276.5	-1.8552	
415.83	-0.26	276.5	-1.8552	
415.92	-0.257	276.4	-1.8543	
416.00	-0.254	276.5	-1.8534	
416.08	-0.259	276.5	-1.8534	
416.17	-0.245	276.6	-1.8516	
416.25	-0.242	276.7	-1.8507	
416.33	-0.242	276.8	-1.8507	
416.42	-0.239	276.8	-1.8498	
416.50	-0.233	277	-1.8481	
416.58	-0.228	277.1	-1.8472	
416.67	-0.222	277.3	-1.8463	
416.75	-0.221	277.4	-1.8436	
416.83	-0.218	277.5	-1.8427	
416.92	-0.211	277.7	-1.841	
417.02	-0.207	277.9	-1.841	
417.08	-0.204	278	-1.8383	
417.17	-0.199	278.2	-1.8365	
417.25	-0.193	278.4	-1.8348	
417.33	-0.19	278.6	-1.833	
417.42	-0.185	278.8	-1.8312	
417.50	-0.179	279.1	-1.8294	
417.58	-0.172	279.4	-1.8277	
417.67	-0.169	279.6	-1.825	
417.75	-0.165	279.8	-1.8223	
417.83	-0.155	280.1	-1.8188	
417.92	-0.153	280.3	-1.817	
418.00	-0.148	280.5	-1.8143	
418.08	-0.14	280.8	-1.8117	
418.17	-0.133	281.2	-1.809	
418.25	-0.129	281.4	-1.8055	
418.33	-0.122	281.7	-1.8028	
418.43	-0.117	282	-1.7992	
418.50	-0.11	282.4	-1.7966	
418.58	-0.107	282.7	-1.7921	
418.67	-0.101	282.9	-1.7895	
418.75	-0.092	283.3	-1.785	
418.83	-0.089	283.6	-1.7815	
418.92	-0.083	283.9	-1.7779	
419.00	-0.074	284.2	-1.7744	
419.08	-0.065	284.7	-1.77	
419.17	-0.064	285	-1.7646	
419.25	-0.059	285.3	-1.7611	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
419.33	-0.046	285.8	-1.754	
419.42	-0.044	286	-1.7504	
419.50	-0.037	286.3	-1.7451	
419.58	-0.029	286.7	-1.7389	
419.67	-0.02	287.1	-1.7345	
419.75	-0.016	287.4	-1.7265	
419.83	-0.01	287.8	-1.7211	
419.93	-0.001	288	-1.7167	
420.00	0.006	288.6	-1.7114	
420.08	0.009	288.9	-1.7034	
420.17	0.017	289.2	-1.6963	
420.25	0.024	289.7	-1.6883	
420.33	0.028	290	-1.6812	
420.42	0.034	290.4	-1.6741	
420.50	0.044	290.8	-1.6661	
420.58	0.051	291.3	-1.6581	
420.67	0.056	291.7	-1.6448	
420.75	0.064	292.1	-1.6333	
420.83	0.069	292.5	-1.6244	
420.92	0.074	292.8	-1.6146	
421.00	0.081	293.2	-1.604	
421.08	0.089	293.6	-1.5907	
421.17	0.097	294.2	-1.5773	
421.25	0.1	294.6	-1.5551	
421.35	0.108	295	-1.5401	
421.42	0.116	295.4	-1.5267	
421.50	0.122	296	-1.5108	
421.58	0.126	296.4	-1.4815	
421.67	0.133	296.8	-1.4602	
421.75	0.138	297.2	-1.4398	
421.83	0.143	297.6	-1.4158	
421.92	0.15	298	-1.3892	
422.00	0.157	298.5	-1.3599	
422.08	0.163	299.1	-1.335	
422.17	0.166	299.5	-1.288	
422.25	0.174	299.9	-1.2596	
422.33	0.178	300.3	-1.2294	
422.42	0.184	300.7	-1.1965	
422.50	0.189	301.1	-1.1672	
422.58	0.195	301.5	-1.1353	
422.67	0.201	302.1	-1.1024	
422.77	0.204	302.5	-1.0474	
422.83	0.209	302.9	-1.0234	
422.92	0.216	303.5	-0.9933	
423.00	0.22	303.9	-0.964	
423.08	0.224	304.3	-0.9178	
423.17	0.229	304.7	-0.8868	
423.25	0.233	305.1	-0.8592	
423.33	0.237	305.4	-0.8317	
423.42	0.242	305.8	-0.8015	
423.50	0.247	306.3	-0.7758	
423.58	0.251	306.6	-0.7527	
423.67	0.253	307	-0.7163	
423.75	0.257	307.3	-0.6924	
423.83	0.261	307.6	-0.6684	
423.92	0.264	307.9	-0.648	
424.00	0.267	308.2	-0.6276	
424.08	0.272	308.7	-0.6089	
424.17	0.274	309	-0.5885	
424.27	0.277	309.3	-0.5663	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
424.33	0.28	309.6	-0.5494	
424.42	0.284	309.9	-0.5335	
424.50	0.286	310.2	-0.5193	
424.58	0.287	310.5	-0.5006	
424.67	0.29	310.7	-0.4882	
424.75	0.292	310.9	-0.4758	
424.83	0.294	311.2	-0.466	
424.92	0.296	311.4	-0.4536	
425.00	0.298	311.7	-0.4438	
425.08	0.299	311.9	-0.4349	
425.17	0.3	312.1	-0.4225	
425.25	0.302	312.3	-0.4163	
425.33	0.303	312.5	-0.4092	
425.42	0.303	312.7	-0.403	
425.50	0.304	312.9	-0.3977	
425.58	0.305	313.2	-0.3923	
425.68	0.305	313.3	-0.3852	
425.75	0.305	313.5	-0.3817	
425.83	0.306	313.7	-0.379	
425.92	0.306	313.9	-0.3755	
426.00	0.306	314	-0.3728	
426.08	0.306	314.1	-0.3693	
426.17	0.305	314.3	-0.3684	
426.25	0.304	314.4	-0.3666	
426.33	0.301	314.5	-0.3666	
426.42	0.301	314.7	-0.3657	
426.50	0.298	314.8	-0.3657	
426.58	0.298	314.9	-0.3648	
426.67	0.298	315	-0.3648	
426.75	0.296	315	-0.3648	
426.83	0.295	315.1	-0.3648	
426.92	0.293	315.2	-0.3648	
427.00	0.292	315.2	-0.3648	
427.08	0.288	315.3	-0.3648	
427.18	0.286	315.3	-0.3648	
427.25	0.285	315.4	-0.3648	
427.33	0.281	315.4	-0.3657	
427.42	0.279	315.4	-0.3657	
427.50	0.275	315.4	-0.3666	
427.58	0.272	315.4	-0.3666	
427.67	0.269	315.5	-0.3675	
427.75	0.266	315.5	-0.3675	
427.83	0.264	315.5	-0.3684	
427.92	0.26	315.4	-0.3693	
428.00	0.254	315.4	-0.3693	
428.08	0.252	315.4	-0.3701	
428.17	0.249	315.4	-0.371	
428.25	0.244	315.3	-0.3719	
428.33	0.242	315.3	-0.3728	
428.42	0.237	315.2	-0.3737	
428.50	0.232	315.2	-0.3746	
428.60	0.226	315.1	-0.3755	
428.67	0.222	315	-0.3764	
428.75	0.22	315	-0.3772	
428.83	0.216	314.9	-0.3781	
428.92	0.207	314.7	-0.3799	
429.00	0.203	314.7	-0.3808	
429.08	0.199	314.6	-0.3826	
429.17	0.193	314.5	-0.3843	
429.25	0.19	314.4	-0.3852	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
429.33	0.184	314.2	-0.387	
429.42	0.178	314.1	-0.3879	
429.50	0.171	313.9	-0.3897	
429.58	0.165	313.8	-0.3914	
429.67	0.161	313.7	-0.3941	
429.75	0.154	313.5	-0.3959	
429.83	0.149	313.3	-0.3977	
429.92	0.145	313.2	-0.3994	
430.00	0.136	313	-0.4021	
430.10	0.131	312.8	-0.4048	
430.17	0.125	312.5	-0.4065	
430.25	0.121	312.4	-0.4083	
430.33	0.113	312.2	-0.411	
430.42	0.105	311.9	-0.4136	
430.50	0.099	311.7	-0.4163	
430.58	0.094	311.5	-0.4207	
430.67	0.088	311.3	-0.4234	
430.75	0.081	311	-0.4261	
430.83	0.076	310.8	-0.4296	
430.92	0.067	310.6	-0.4323	
431.00	0.06	310.2	-0.4358	
431.08	0.054	310	-0.4394	
431.17	0.05	309.8	-0.4456	
431.25	0.042	309.5	-0.4491	
431.33	0.034	309.2	-0.4536	
431.42	0.029	309	-0.4571	
431.52	0.022	308.6	-0.4642	
431.58	0.014	308.3	-0.4678	
431.67	0.008	308	-0.4731	
431.75	0.003	307.7	-0.4776	
431.83	-0.005	307.4	-0.4829	
431.92	-0.014	306.9	-0.4882	
432.00	-0.02	306.6	-0.4935	
432.08	-0.025	306.3	-0.5024	
432.17	-0.032	306	-0.5086	
432.25	-0.041	305.6	-0.5157	
432.33	-0.043	305.3	-0.5219	
432.42	-0.053	305	-0.529	
432.50	-0.061	304.4	-0.5352	
432.58	-0.066	304.1	-0.5423	
432.67	-0.071	303.7	-0.5557	
432.75	-0.078	303.4	-0.5645	
432.83	-0.084	303	-0.5734	
432.93	-0.092	302.5	-0.5832	
433.00	-0.096	302.1	-0.5956	
433.08	-0.104	301.7	-0.6063	
433.17	-0.109	301.3	-0.6196	
433.25	-0.113	301	-0.6329	
433.33	-0.121	300.6	-0.648	
433.42	-0.127	300.1	-0.6631	
433.50	-0.135	299.6	-0.6799	
433.58	-0.139	299.2	-0.7154	
433.67	-0.145	298.8	-0.7403	
433.75	-0.151	298.4	-0.7643	
433.83	-0.154	298	-0.79	
433.92	-0.161	297.6	-0.822	
434.00	-0.169	297	-0.8548	
434.08	-0.173	296.6	-0.8859	
434.17	-0.178	296.1	-0.9391	
434.25	-0.183	295.7	-0.9782	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
434.33	-0.188	295.4	-1.0146	
434.43	-0.192	294.9	-1.0492	
434.50	-0.196	294.5	-1.0953	
434.58	-0.203	294.2	-1.1335	
434.67	-0.207	293.8	-1.1717	
434.75	-0.21	293.2	-1.209	
434.83	-0.215	292.8	-1.248	
434.92	-0.221	292.3	-1.2791	
435.00	-0.224	291.8	-1.311	
435.08	-0.227	291.2	-1.3581	
435.17	-0.232	290.8	-1.3892	
435.25	-0.235	290.5	-1.4185	
435.33	-0.237	289.8	-1.4451	
435.42	-0.242	288.8	-1.4717	
435.50	-0.247	288.1	-1.4983	
435.58	-0.25	287.6	-1.5232	
435.67	-0.253	287.1	-1.5614	
435.75	-0.257	286.6	-1.5871	
435.83	-0.258	286.2	-1.6057	
435.92	-0.26	285.6	-1.6235	
436.00	-0.264	285.1	-1.651	
436.08	-0.267	284.7	-1.6705	
436.17	-0.268	284.3	-1.6865	
436.25	-0.27	283.9	-1.7025	
436.33	-0.273	283.5	-1.7167	
436.42	-0.275	282.9	-1.73	
436.50	-0.277	282.5	-1.7433	
436.58	-0.278	282.2	-1.7629	
436.67	-0.28	281.8	-1.7744	
436.75	-0.281	281.5	-1.785	
436.83	-0.282	281.1	-1.7948	
436.92	-0.284	280.8	-1.8037	
437.00	-0.285	280.4	-1.8117	
437.08	-0.285	280.1	-1.8197	
437.17	-0.286	279.8	-1.8312	
437.25	-0.286	279.6	-1.8374	
437.35	-0.287	279.2	-1.8436	
437.42	-0.287	278.9	-1.8498	
437.50	-0.287	278.7	-1.8543	
437.58	-0.286	278.5	-1.8578	
437.67	-0.287	278.3	-1.8614	
437.75	-0.288	278.2	-1.864	
437.83	-0.286	278	-1.8667	
437.92	-0.286	277.8	-1.8685	
438.00	-0.285	277.7	-1.8703	
438.08	-0.284	277.6	-1.872	
438.17	-0.283	277.5	-1.8729	
438.25	-0.282	277.4	-1.8729	
438.33	-0.28	277.3	-1.8738	
438.42	-0.279	277.2	-1.8738	
438.50	-0.277	277.1	-1.8738	
438.58	-0.276	277.1	-1.8738	
438.67	-0.274	277.1	-1.8738	
438.77	-0.271	277	-1.8738	
438.83	-0.269	277	-1.8738	
438.92	-0.267	277	-1.8729	
439.00	-0.264	277	-1.872	
439.08	-0.262	277.1	-1.872	
439.17	-0.261	277.1	-1.8711	
439.25	-0.257	277.1	-1.8703	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
439.33	-0.253	277.2	-1.8703	
439.42	-0.249	277.3	-1.8694	
439.50	-0.247	277.3	-1.8685	
439.58	-0.244	277.4	-1.8676	
439.67	-0.24	277.5	-1.8667	
439.75	-0.237	277.6	-1.8658	
439.83	-0.234	277.7	-1.864	
439.92	-0.228	277.8	-1.8632	
440.00	-0.223	278	-1.8623	
440.08	-0.221	278.1	-1.8605	
440.17	-0.217	278.2	-1.8596	
440.27	-0.211	278.3	-1.8578	
440.33	-0.207	278.6	-1.8569	
440.42	-0.204	278.8	-1.8543	
440.50	-0.197	278.9	-1.8525	
440.58	-0.193	279.2	-1.8507	
440.67	-0.191	279.3	-1.8498	
440.75	-0.186	279.5	-1.8481	
440.83	-0.178	279.7	-1.8454	
440.92	-0.172	280.1	-1.8436	
441.00	-0.169	280.3	-1.841	
441.08	-0.163	280.5	-1.8392	
441.17	-0.156	280.7	-1.8365	
441.25	-0.152	281	-1.8339	
441.33	-0.15	281.2	-1.8321	
441.42	-0.141	281.5	-1.8285	
441.50	-0.133	281.9	-1.8268	
441.58	-0.129	282.1	-1.8223	
441.68	-0.125	282.4	-1.8188	
441.75	-0.118	282.7	-1.8161	
441.83	-0.109	283.1	-1.8135	
441.92	-0.102	283.4	-1.8072	
442.00	-0.1	283.6	-1.8055	
442.08	-0.092	284	-1.801	
442.17	-0.089	284.3	-1.7984	
442.25	-0.083	284.6	-1.7948	
442.33	-0.074	284.9	-1.7904	
442.42	-0.065	285.4	-1.7868	
442.50	-0.063	285.7	-1.7806	
442.58	-0.056	286	-1.7762	
442.67	-0.047	286.4	-1.7708	
442.75	-0.044	286.7	-1.7664	
442.83	-0.038	287	-1.762	
442.92	-0.028	287.4	-1.7566	
443.00	-0.02	288	-1.7504	
443.10	-0.016	288.3	-1.7424	
443.17	-0.011	288.6	-1.738	
443.25	-0.003	288.9	-1.7327	
443.33	0.007	289.4	-1.7265	
443.42	0.011	289.7	-1.7167	
443.50	0.018	290	-1.7105	
443.58	0.025	290.4	-1.7034	
443.67	0.029	290.7	-1.6963	
443.75	0.034	291.1	-1.6892	
443.83	0.042	291.5	-1.6794	
443.92	0.054	292.1	-1.6714	
444.00	0.056	292.4	-1.6581	
444.08	0.063	292.8	-1.6483	
444.17	0.057	293.2	-1.6439	
444.25	0.071	293.6	-1.6333	

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270	deviatore ciclico (kPa)	
frequenza (hz)	0.0007143	frequenza (hz)	
444.33	0.081	294	-1.6191
444.42	0.089	294.4	-1.6049
444.50	0.097	295	-1.5915
444.60	0.099	295.3	-1.5729
444.67	0.105	295.7	-1.5605
444.75	0.112	296.2	-1.5418
444.83	0.121	296.8	-1.5267
444.92	0.124	297.2	-1.4975
445.00	0.131	297.6	-1.4761
445.08	0.139	298.1	-1.4513
445.17	0.141	298.4	-1.4309
445.25	0.145	298.8	-1.406
445.33	0.155	299.3	-1.375
445.42	0.162	299.9	-1.3483
445.50	0.166	300.3	-1.3039
445.58	0.171	300.7	-1.2729
445.67	0.178	301.1	-1.2391
445.75	0.182	301.5	-1.209
445.83	0.187	301.9	-1.1761
445.92	0.195	302.4	-1.1433
446.00	0.201	303	-1.1113
446.08	0.203	303.3	-1.0643
446.17	0.208	303.7	-1.0323
446.25	0.215	304.1	-1.0004
446.33	0.221	304.7	-0.9693
446.42	0.224	305.1	-0.9249
446.50	0.23	305.5	-0.8921
446.58	0.232	305.9	-0.8654
446.67	0.236	306.2	-0.8388
446.75	0.241	306.6	-0.8104
446.83	0.246	306.9	-0.7838
446.92	0.251	307.5	-0.758
447.00	0.253	307.8	-0.7225
447.08	0.257	308.1	-0.6986
447.17	0.261	308.5	-0.6737
447.25	0.264	308.8	-0.6533
447.33	0.267	309.1	-0.6338
447.42	0.271	309.4	-0.6125
447.52	0.273	309.8	-0.5894
447.58	0.274	310.1	-0.5787
447.67	0.278	310.4	-0.5654
447.75	0.28	310.7	-0.553
447.83	0.283	311.1	-0.5397
447.92	0.284	311.3	-0.5184
448.00	0.287	311.6	-0.5051
448.08	0.29	311.9	-0.4909
448.17	0.292	312.1	-0.4784
448.25	0.295	312.3	-0.4678
448.33	0.296	312.5	-0.4571
448.42	0.298	312.9	-0.4474
448.50	0.298	313.1	-0.4349
448.58	0.3	313.3	-0.4278
448.67	0.301	313.5	-0.4207
448.75	0.302	313.7	-0.4136
448.83	0.303	313.8	-0.4083
448.93	0.304	314.1	-0.3994
449.00	0.304	314.2	-0.395
449.08	0.304	314.4	-0.3914
449.17	0.305	314.6	-0.3879
449.25	0.304	314.7	-0.3843

Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
449.33	0.305	314.9	-0.3826	
449.42	0.304	315	-0.379	
449.50	0.304	315.1	-0.3772	
449.58	0.303	315.2	-0.3755	
449.67	0.303	315.3	-0.3746	
449.75	0.302	315.4	-0.3737	
449.83	0.3	315.5	-0.3728	
449.92	0.299	315.7	-0.3719	
450.00	0.298	315.7	-0.3719	
450.08	0.297	315.8	-0.371	
450.17	0.295	315.9	-0.371	
450.25	0.294	315.9	-0.371	
450.33	0.292	316	-0.371	
450.43	0.289	316.1	-0.371	
450.50	0.287	316.1	-0.371	
450.58	0.285	316.1	-0.3719	
450.67	0.282	316.2	-0.3719	
450.75	0.279	316.2	-0.3728	
450.83	0.275	316.2	-0.3728	
450.92	0.274	316.2	-0.3737	
451.00	0.271	316.2	-0.3737	
451.08	0.266	316.2	-0.3746	
451.17	0.264	316.2	-0.3746	
451.25	0.261	316.2	-0.3755	
451.33	0.255	316.2	-0.3764	
451.42	0.251	316.2	-0.3764	
451.50	0.248	316.1	-0.3781	
451.58	0.245	316.1	-0.3781	
451.67	0.241	316.1	-0.379	
451.75	0.237	316	-0.3799	
451.85	0.232	316	-0.3817	
451.92	0.227	315.9	-0.3826	
452.00	0.223	315.8	-0.3835	
452.08	0.219	315.8	-0.3843	
452.17	0.214	315.7	-0.3852	
452.25	0.209	315.6	-0.3861	
452.33	0.201	315.4	-0.3879	
452.42	0.199	315.4	-0.3897	
452.50	0.193	315.3	-0.3906	
452.58	0.187	315.1	-0.3923	
452.67	0.185	315	-0.3932	
452.75	0.179	314.9	-0.395	
452.83	0.171	314.8	-0.3968	
452.92	0.165	314.6	-0.3977	
453.00	0.161	314.5	-0.4003	
453.08	0.155	314.3	-0.4021	
453.17	0.148	314.1	-0.4048	
453.25	0.145	314	-0.4057	
453.33	0.137	313.7	-0.4092	
453.42	0.132	313.6	-0.411	
453.50	0.124	313.4	-0.4136	
453.58	0.119	313.2	-0.4154	
453.67	0.113	313	-0.4181	
453.75	0.104	312.8	-0.4199	
453.83	0.098	312.5	-0.4225	
453.92	0.093	312.3	-0.427	
454.00	0.087	312	-0.4296	
454.08	0.077	311.8	-0.4332	
454.17	0.076	311.6	-0.4367	
454.25	0.068	311.3	-0.4403	

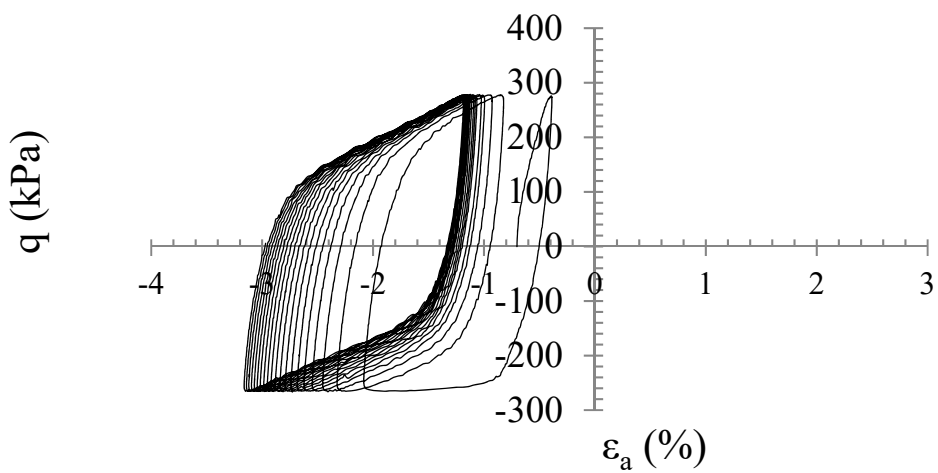
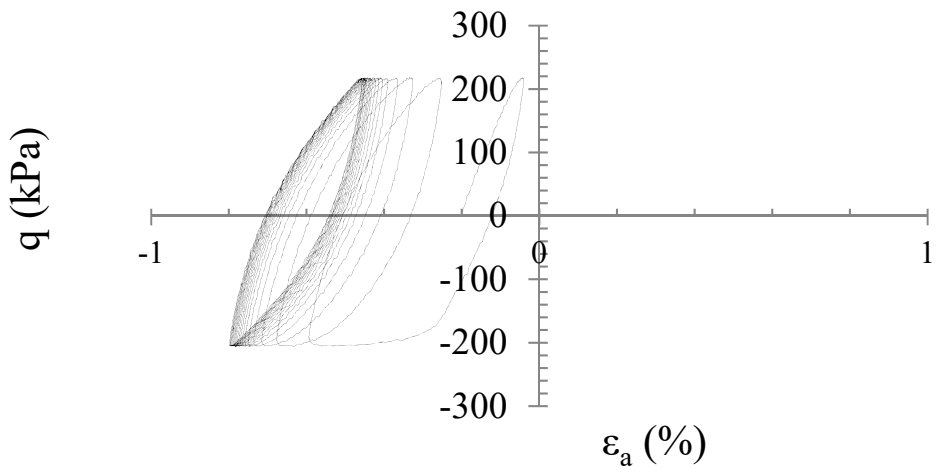
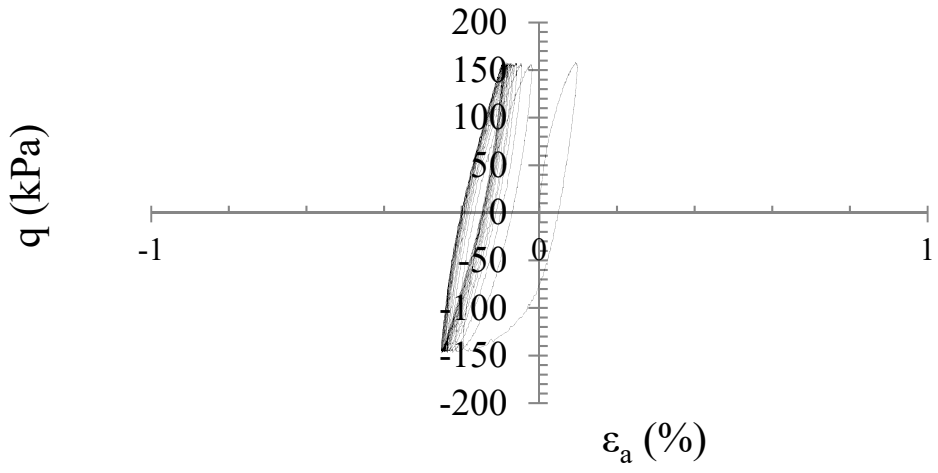
Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
454.33	0.06	311.1	-0.4429	
454.42	0.053	310.7	-0.4465	
454.50	0.047	310.5	-0.4518	
454.58	0.04	310.2	-0.4562	
454.67	0.033	310	-0.4607	
454.77	0.028	309.6	-0.4642	
454.83	0.022	309.3	-0.4696	
454.92	0.016	309.1	-0.474	
455.00	0.007	308.8	-0.4793	
455.08	0.003	308.5	-0.4847	
455.17	-0.004	308.2	-0.4891	
455.25	-0.015	307.9	-0.4944	
455.33	-0.021	307.4	-0.5006	
455.42	-0.025	307.1	-0.5095	
455.50	-0.031	306.8	-0.5148	
455.58	-0.04	306.4	-0.5228	
455.67	-0.044	306.1	-0.529	
455.75	-0.05	305.8	-0.5352	
455.83	-0.06	305.3	-0.5441	
455.92	-0.069	304.8	-0.5512	
456.00	-0.07	304.5	-0.5637	
456.08	-0.078	304.1	-0.5699	
456.17	-0.085	303.7	-0.5814	
456.25	-0.094	303.2	-0.5894	
456.33	-0.097	302.8	-0.6045	
456.42	-0.104	302.5	-0.616	
456.50	-0.114	302.1	-0.6284	
456.58	-0.112	301.7	-0.6409	
456.67	-0.12	301.3	-0.6586	
456.75	-0.128	300.9	-0.6764	
456.83	-0.137	300.3	-0.6941	
456.92	-0.137	300	-0.7243	
457.00	-0.143	299.6	-0.7518	
457.08	-0.152	299.1	-0.7793	
457.17	-0.155	298.7	-0.8078	
457.25	-0.161	298.3	-0.8344	
457.33	-0.169	297.9	-0.8637	
457.42	-0.174	297.3	-0.8947	
457.50	-0.178	296.9	-0.9489	
457.58	-0.183	296.4	-0.9897	
457.68	-0.189	296.1	-1.0226	
457.75	-0.193	295.6	-1.0554	
457.83	-0.197	295.1	-1.1104	
457.92	-0.201	294.8	-1.1477	
458.00	-0.208	294.5	-1.1921	
458.08	-0.21	293.8	-1.2267	
458.17	-0.214	293.4	-1.2649	
458.25	-0.22	293	-1.3004	
458.33	-0.225	292.5	-1.3279	
458.42	-0.227	291.9	-1.375	
458.50	-0.23	291.4	-1.4042	
458.58	-0.236	290.9	-1.438	
458.67	-0.238	290.6	-1.4646	
458.75	-0.242	290.2	-1.4877	
458.83	-0.247	289	-1.5152	
458.92	-0.25	288.3	-1.5383	
459.00	-0.252	287.8	-1.5738	
459.10	-0.255	287.3	-1.5995	
459.17	-0.258	286.8	-1.6199	
459.25	-0.263	286.2	-1.6368	

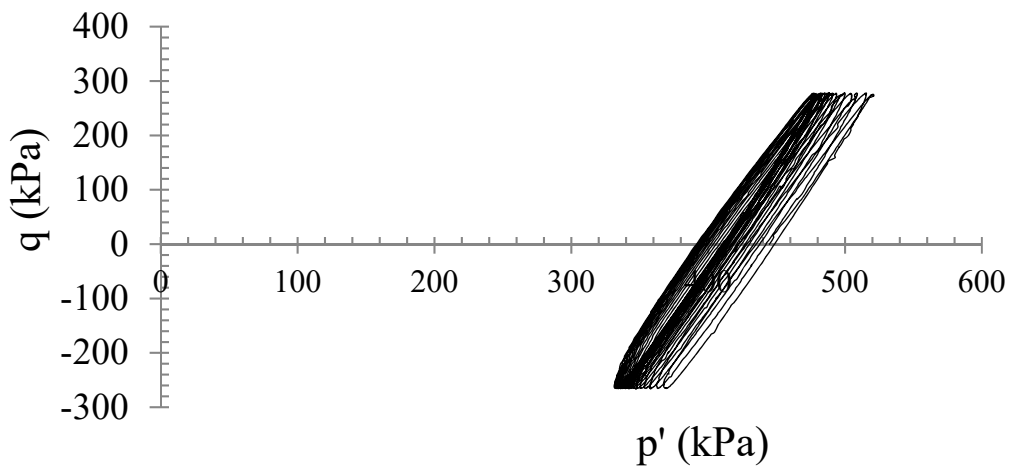
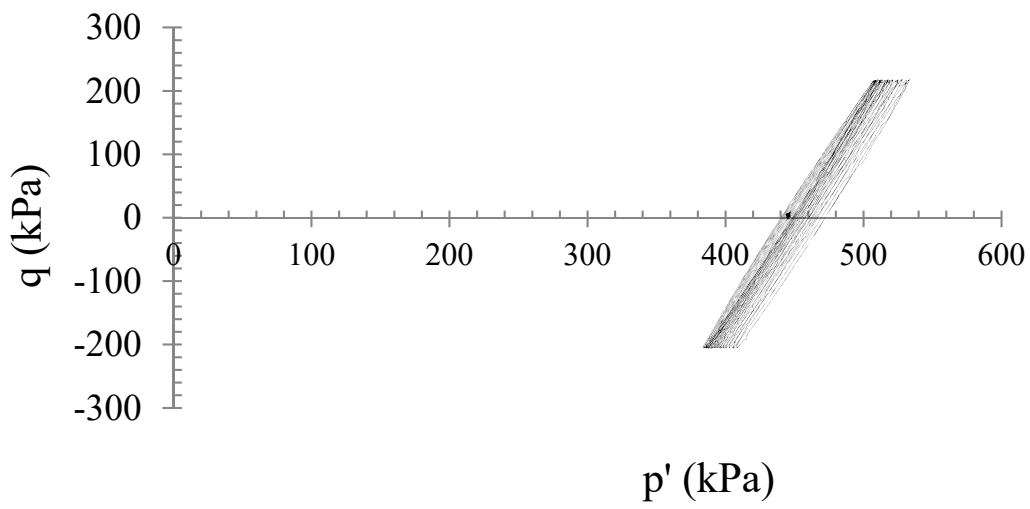
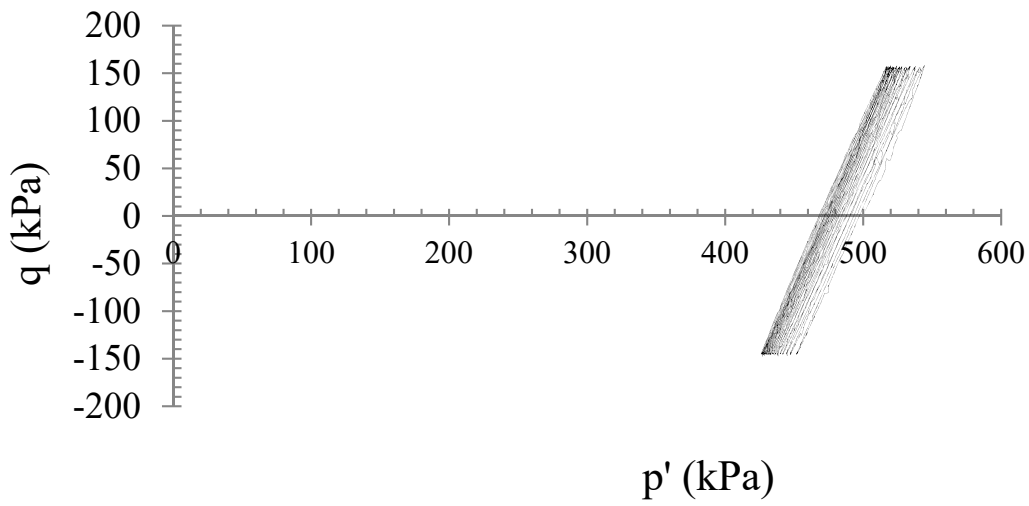
Prova triassiale ciclica SNMME07-C3

tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	
deviatore ciclico (kPa)	270		deviatore ciclico (kPa)	
frequenza (hz)	0.0007143		frequenza (hz)	
459.33	-0.262	285.8	-1.667	
459.42	-0.266	285.3	-1.6874	
459.50	-0.268	284.9	-1.7043	
459.58	-0.27	284.5	-1.7185	
459.67	-0.274	284	-1.7345	
459.75	-0.275	283.7	-1.7469	
459.83	-0.277	283.1	-1.7593	
459.92	-0.277	282.8	-1.7788	
460.00	-0.28	282.4	-1.7904	
460.08	-0.281	282.1	-1.801	
460.17	-0.283	281.7	-1.8117	
460.25	-0.283	281.4	-1.8206	
460.33	-0.285	281.1	-1.8303	
460.42	-0.285	280.7	-1.8383	
460.50	-0.286	280.4	-1.8481	
460.60	-0.287	280.2	-1.8543	
460.67	-0.287	279.9	-1.8596	
460.75	-0.287	279.6	-1.864	
460.83	-0.287	279.4	-1.8703	
460.92	-0.287	279.2	-1.8738	
461.00	-0.287	279	-1.8765	
461.08	-0.288	278.8	-1.88	
461.17	-0.287	278.6	-1.8818	
461.25	-0.286	278.5	-1.8845	
461.33	-0.284	278.3	-1.8853	
461.42	-0.283	278.2	-1.8871	
461.50	-0.283	278.1	-1.8889	
461.58	-0.281	278	-1.8889	
461.67	-0.28	277.9	-1.8898	
461.75	-0.279	277.8	-1.8898	
461.83	-0.277	277.8	-1.8898	
461.92	-0.277	277.7	-1.8898	
462.02	-0.276	277.7	-1.8898	
462.08	-0.271	277.7	-1.8898	
462.17	-0.269	277.6	-1.8889	
462.25	-0.266	277.6	-1.8889	
462.33	-0.265	277.6	-1.888	
462.42	-0.262	277.6	-1.888	
462.50	-0.259	277.7	-1.8871	
462.58	-0.257	277.7	-1.8862	
462.67	-0.254	277.8	-1.8862	
462.75	-0.249	277.8	-1.8853	
462.83	-0.246	277.9	-1.8845	
462.92	-0.244	278	-1.8836	
463.00	-0.241	278.1	-1.8818	
463.08	-0.236	278.2	-1.8809	
463.17	-0.234	278.3	-1.88	
463.25	-0.229	278.4	-1.8791	
463.33	-0.223	278.5	-1.8782	
463.42	-0.22	278.7	-1.8765	
463.50	-0.218	278.8	-1.8747	
463.58	-0.212	279	-1.8738	
463.67	-0.208	279.2	-1.872	
463.75	-0.201	279.5	-1.8711	
463.83	-0.199	279.6	-1.8685	
463.92	-0.194	279.8	-1.8667	
464.00	-0.188	280	-1.8649	
464.08	-0.186	280.1	-1.864	
464.17	-0.18	280.3	-1.8623	
464.25	-0.173	280.7	-1.8596	

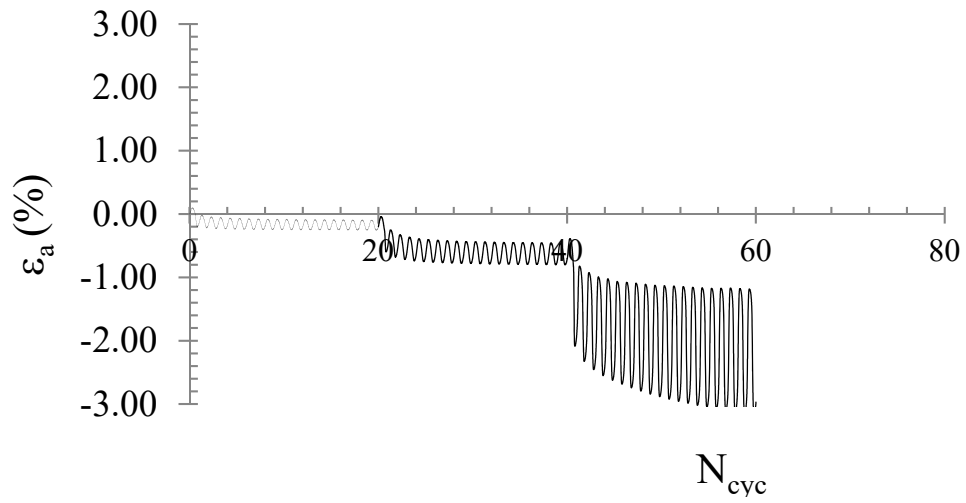
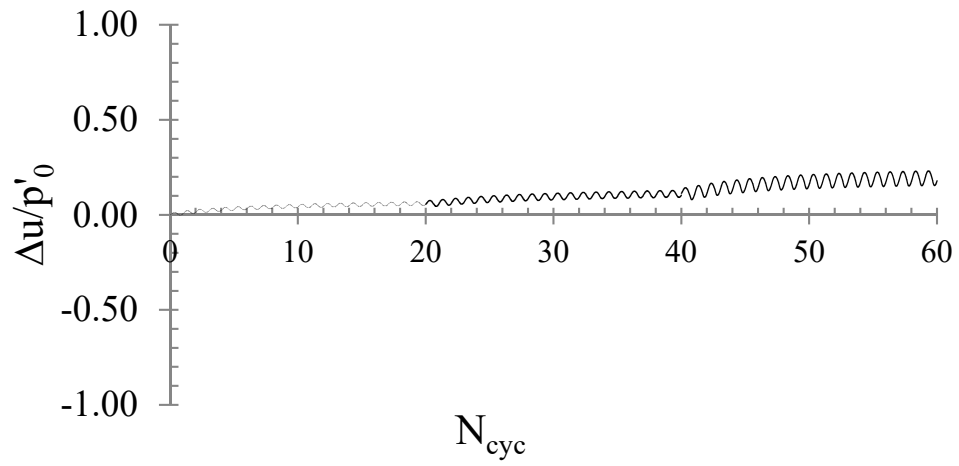
SNME07-C3 prova TXC



SNME07-C3 prova TXC



SNME07-C3 prova TXC





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

Prova Compressione Triassiale n.		Celle n.
Prova tipo	CU (consolidata non drenata)	
Committente	Consorzio Hirpinia AV	
Indagine	I lotto funzionale Apice-Hirpinia	
Sondaggio	SN_ME_07	
Campione	C3	
Profondità	78.50 ÷ 79.00 m	

Provino 1 Condizioni inizio prova			Provino 2 Condizioni inizio prova			Provino 3 Condizioni inizio prova		
altezza ho	mm	71.94	altezza ho	mm	71.96	altezza ho	mm	71.96
diámetro d	mm	35.62	diámetro d	mm	35.62	diámetro d	mm	35.63
peso umido iniziale	g	136.22	peso umido iniziale	g	142.31	peso umido iniziale	g	142.86
peso specifico γ_s	kN/m ³	27.48	peso specifico γ_s	kN/m ³	27.48	peso specifico γ_s	kN/m ³	27.48
Peso secco dell'udv γ_d	kN/m ³	18.64	Peso secco dell'udv γ_d	kN/m ³	17.88	Peso secco dell'udv γ_d	kN/m ³	17.35
Contenuto d'acqua w		0.000	Contenuto d'acqua w		0.089	Contenuto d'acqua w		0.127
Peso umido dell'udv γ	kN/m ³	18.64	Peso umido dell'udv γ	kN/m ³	19.47	Peso umido dell'udv γ	kN/m ³	19.55
Indice dei vuoti e		0.475	Indice dei vuoti e		0.537	Indice dei vuoti e		0.584
Grado di saturazione Sr		0.0	Grado di saturazione Sr		0.5	Grado di saturazione Sr		0.6
Condizioni fine prova			Condizioni fine prova			Condizioni fine prova		
Pesafiltro n° 20	g	20.70	Pesafiltro n° 17	g	20.75	Pesafiltro n° 23	g	20.90
Pf + prov. umido	g	178.79	Pf + prov. umido	g	173.86	Pf + prov. umido	g	172.17
Pf + prov.secco	g	156.89	Pf + prov.secco	g	151.39	Pf + prov.secco	g	147.66
Peso secco dell'udv γ_d	kN/m ³	18.83	Peso secco dell'udv γ_d	kN/m ³	18.19	Peso secco dell'udv γ_d	kN/m ³	17.34
Contenuto d'acqua w		0.161	Contenuto d'acqua w		0.172	Contenuto d'acqua w		0.193
Peso umido dell'udv γ	kN/m ³	21.86	Peso umido dell'udv γ	kN/m ³	21.32	Peso umido dell'udv γ	kN/m ³	20.69
Indice dei vuoti e		0.459	Indice dei vuoti e		0.511	Indice dei vuoti e		0.585
Grado di saturazione Sr		1.0	Grado di saturazione Sr		0.9	Grado di saturazione Sr		0.9

Laboratorio di Geotecnica

Prova Compressione Triassiale n.		Prova Compressione Triassiale n.		Prova Compressione Triassiale n.				
CIU (consolidata non drenata)		CIU (consolidata non drenata)		CIU (consolidata non drenata)				
Provino 1		Provino 2		Provino 3				
Velocità di prova (mm/min)	0.01	Velocità di prova (mm/min)	0.01	Velocità di prova (mm/min)	0.01			
tensione di confinamento (kPa)	400	tensione di confinamento (kPa)	500	tensione di confinamento (kPa)	600			
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
0	0	0	0	0	0	0	0	0
0.000	0.145	0.781	0.003	1.211	3.963	-0.001	1.640	0.900
0.002	0.242	1.301	0.007	2.228	7.604	-0.001	4.054	1.700
0.007	1.022	1.909	0.009	2.900	10.817	0.004	4.832	2.300
0.011	1.586	2.516	0.014	3.419	13.602	0.010	4.486	2.700
0.015	2.071	3.297	0.018	3.939	16.279	0.014	4.442	3.300
0.020	2.636	4.164	0.022	4.263	18.957	0.021	4.572	3.700
0.024	3.093	5.032	0.026	4.609	21.206	0.024	4.615	4.000
0.029	3.496	5.899	0.030	4.891	23.348	0.030	4.788	4.500
0.034	3.899	6.680	0.034	5.171	25.276	0.036	4.832	4.800
0.038	4.249	7.547	0.039	5.387	27.096	0.042	4.874	5.100
0.042	4.599	8.328	0.043	5.582	28.917	0.046	5.003	5.300
0.047	4.868	9.022	0.047	5.778	30.524	0.052	5.089	5.600
0.052	5.110	9.803	0.052	5.950	32.023	0.056	5.133	5.900
0.055	5.433	10.584	0.057	6.189	33.629	0.062	5.348	6.200
0.060	5.675	11.364	0.061	6.167	34.915	0.066	5.479	6.400
0.065	5.997	12.058	0.065	6.491	36.307	0.072	5.650	6.700
0.070	6.158	12.752	0.069	6.513	37.592	0.077	5.736	7.000
0.073	6.401	13.446	0.075	6.708	38.770	0.082	5.867	7.200
0.078	6.535	14.054	0.079	6.837	39.948	0.087	5.823	7.500
0.083	6.750	14.748	0.083	7.054	41.126	0.092	5.995	7.700
0.086	6.912	15.442	0.088	7.141	42.305	0.097	5.995	8.000
0.093	7.073	16.222	0.092	7.249	43.483	0.103	6.168	8.300
0.096	7.262	16.916	0.096	7.378	44.447	0.109	6.297	8.600
0.101	7.369	17.524	0.102	7.487	45.518	0.113	6.427	8.800
0.106	7.531	18.218	0.106	7.530	46.481	0.119	6.556	9.100
0.111	7.692	18.825	0.110	7.767	47.552	0.125	6.685	9.300
0.116	7.800	19.432	0.114	7.767	48.409	0.127	6.902	9.500
0.119	7.988	20.039	0.119	8.006	49.373	0.133	7.203	9.800
0.124	8.069	20.560	0.123	7.984	50.230	0.139	7.290	10.100
0.129	8.283	21.167	0.129	8.244	51.194	0.145	7.290	10.300
0.134	8.310	21.688	0.133	8.180	51.944	0.150	7.117	10.500
0.139	8.525	22.208	0.137	8.374	52.800	0.156	6.902	10.600
0.142	8.579	22.729	0.142	8.395	53.657	0.162	6.771	10.700
0.147	8.714	23.163	0.146	8.526	54.514	0.166	6.729	10.800
0.152	8.821	23.857	0.151	8.612	55.371	0.173	6.514	11.000
0.157	8.929	24.551	0.156	8.698	56.120	0.178	6.514	11.200
0.161	9.090	25.071	0.160	8.806	56.870	0.183	6.427	11.400
0.165	9.144	25.678	0.165	8.958	57.727	0.188	6.383	11.500
0.171	9.305	26.199	0.170	8.893	58.370	0.195	6.341	11.600
0.175	9.359	26.719	0.175	9.088	59.226	0.198	6.297	11.700
0.181	9.467	27.153	0.179	9.002	59.869	0.205	6.255	11.900
0.184	9.601	27.674	0.183	9.217	60.619	0.210	6.255	12.000
0.189	9.628	28.194	0.189	9.131	61.368	0.216	6.124	12.100
0.194	9.817	28.715	0.193	9.369	62.011	0.220	6.168	12.200
0.197	9.817	29.148	0.198	9.369	62.654	0.226	6.082	12.300
0.202	10.005	29.669	0.202	9.391	63.296	0.232	6.168	12.500
0.207	10.005	30.103	0.208	9.499	64.046	0.238	6.039	12.600
0.212	10.113	30.536	0.210	9.586	64.688	0.242	6.124	12.700
0.217	10.220	31.144	0.216	9.693	65.438	0.248	6.124	12.900
0.222	10.301	31.751	0.220	9.758	66.081	0.253	6.211	13.100
0.227	10.435	32.185	0.225	9.802	66.723	0.259	6.168	13.200
0.232	10.462	32.705	0.229	9.932	67.366	0.262	6.124	13.400
0.237	10.596	33.139	0.235	9.867	68.009	0.269	6.124	13.500
0.240	10.623	33.486	0.239	10.041	68.651	0.275	6.082	13.600

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
0.245	10.73	34.006	0.243	9.975	69.187	0.281	6.04	13.800
0.250	10.84	34.440	0.248	10.148	69.829	0.286	6.08	13.900
0.254	10.84	34.874	0.252	10.104	70.365	0.289	6.08	14.000
0.259	10.97	35.308	0.258	10.191	71.007	0.295	6.17	14.100
0.264	11.00	35.655	0.262	10.191	71.543	0.301	6.17	14.200
0.269	11.16	36.088	0.266	10.235	72.078	0.306	6.34	14.300
0.274	11.16	36.522	0.271	10.321	72.721	0.311	6.38	14.600
0.279	11.22	36.869	0.275	10.321	73.256	0.315	6.56	14.700
0.284	11.35	37.390	0.281	10.495	73.899	0.322	6.77	15.000
0.287	11.40	37.997	0.285	10.451	74.435	0.326	6.99	15.100
0.292	11.51	38.431	0.289	10.517	75.077	0.331	7.20	15.400
0.297	11.54	38.864	0.294	10.667	75.613	0.336	7.42	15.600
0.302	11.65	39.298	0.298	10.624	76.041	0.342	7.64	15.800
0.307	11.70	39.732	0.304	10.797	76.684	0.346	7.72	16.000
0.312	11.73	40.166	0.308	10.711	77.112	0.352	7.85	16.300
0.316	11.83	40.513	0.313	10.906	77.648	0.358	8.07	16.500
0.321	11.86	40.860	0.317	10.862	78.183	0.362	8.20	16.800
0.325	11.97	41.293	0.321	10.819	78.611	0.368	8.32	16.900
0.329	11.97	41.640	0.327	10.906	79.147	0.372	8.28	17.100
0.334	12.08	42.074	0.331	10.906	79.575	0.378	8.37	17.300
0.339	12.10	42.334	0.336	11.035	80.111	0.382	8.37	17.400
0.344	12.16	42.681	0.340	11.013	80.539	0.388	8.41	17.600
0.349	12.29	43.202	0.346	11.165	81.182	0.395	8.58	17.900
0.354	12.32	43.723	0.350	11.165	81.610	0.399	8.71	18.200
0.359	12.40	44.156	0.354	11.230	82.039	0.405	8.93	18.300
0.364	12.43	44.590	0.359	11.273	82.574	0.409	9.10	18.600
0.369	12.51	44.937	0.365	11.317	83.110	0.414	9.27	18.900
0.374	12.53	45.284	0.369	11.338	83.538	0.420	9.40	19.100
0.378	12.59	45.631	0.373	11.360	83.966	0.424	9.62	19.300
0.382	12.67	45.978	0.378	11.404	84.395	0.430	9.71	19.500
0.387	12.67	46.325	0.382	11.489	84.823	0.435	9.71	19.700
0.391	12.77	46.672	0.387	11.467	85.145	0.441	9.88	19.800
0.396	12.80	47.019	0.392	11.511	85.680	0.447	10.05	20.200
0.401	12.86	47.279	0.397	11.554	86.001	0.451	10.27	20.400
0.406	12.91	47.713	0.401	11.619	87.929	0.455	10.48	20.600
0.411	12.96	48.147	0.407	11.598	88.250	0.460	10.74	21.000
0.416	13.07	48.581	0.411	11.793	88.679	0.467	11.04	21.300
0.421	13.04	49.014	0.416	11.684	88.893	0.472	11.22	21.600
0.426	13.18	49.361	0.420	11.836	89.214	0.477	11.69	21.900
0.431	13.15	49.708	0.425	11.771	89.643	0.481	11.90	22.300
0.436	13.26	50.055	0.430	11.880	89.964	0.485	12.34	22.700
0.440	13.26	50.402	0.434	11.858	90.285	0.491	12.55	23.100
0.445	13.31	50.663	0.439	11.943	90.607	0.495	12.85	23.400
0.450	13.37	51.096	0.444	11.987	91.035	0.500	13.20	23.800
0.455	13.39	51.357	0.449	12.074	91.356	0.505	13.67	24.300
0.458	13.45	51.617	0.453	11.987	91.678	0.511	14.15	24.800
0.463	13.50	51.964	0.458	12.117	92.106	0.515	14.54	25.300
0.470	13.50	52.224	0.462	12.095	92.427	0.521	14.88	25.900
0.473	13.61	52.658	0.467	12.291	92.856	0.525	15.31	26.400
0.480	13.61	53.092	0.472	12.204	93.284	0.530	15.61	27.000
0.483	13.74	53.525	0.476	12.398	93.713	0.535	16.05	27.600
0.488	13.72	53.959	0.481	12.269	94.034	0.541	16.30	28.100
0.493	13.82	54.219	0.486	12.398	94.462	0.544	16.78	28.700
0.498	13.80	54.566	0.491	12.377	94.891	0.550	16.91	29.300
0.502	13.90	54.827	0.495	12.419	95.212	0.554	17.25	29.800
0.507	13.88	55.174	0.500	12.463	95.640	0.561	17.47	30.400
0.512	13.93	55.521	0.505	12.506	95.962	0.566	17.73	30.900
0.517	13.98	55.694	0.509	12.571	96.283	0.570	18.03	31.500
0.522	14.01	56.041	0.514	12.593	96.711	0.574	18.25	32.100
0.527	14.09	56.301	0.518	12.571	97.033	0.580	18.50	32.600
0.530	14.12	56.562	0.524	12.702	97.354	0.586	18.72	33.200
0.537	14.15	56.909	0.528	12.636	97.568	0.591	18.98	33.700
0.540	14.23	57.169	0.533	12.832	98.104	0.597	19.28	34.300
0.546	14.23	57.603	0.537	12.745	98.425	0.601	19.37	34.800

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
0.550	14.36	58.036	0.543	12.917	98.853	0.607	19.71	35.400
0.555	14.31	58.383	0.547	12.832	99.175	0.611	19.76	36.000
0.559	14.44	58.644	0.551	12.896	99.496	0.619	20.10	36.600
0.564	14.39	58.991	0.556	12.874	99.817	0.623	20.19	37.200
0.569	14.47	59.338	0.562	12.939	100.139	0.626	20.36	37.700
0.574	14.47	59.598	0.566	12.961	100.460	0.631	20.57	38.300
0.579	14.52	59.858	0.570	13.004	100.781	0.637	20.70	38.700
0.582	14.58	60.118	0.575	13.047	101.102	0.643	20.88	39.300
0.587	14.58	60.379	0.579	13.069	101.424	0.647	21.01	39.800
0.592	14.66	60.639	0.585	13.069	101.745	0.653	21.22	40.500
0.597	14.68	60.986	0.589	13.156	102.066	0.659	21.35	41.000
0.602	14.74	61.159	0.593	13.091	102.388	0.664	21.44	41.500
0.607	14.79	61.506	0.598	13.286	102.709	0.670	21.65	42.000
0.612	14.76	61.940	0.604	13.178	103.137	0.674	21.74	42.700
0.617	14.90	62.287	0.608	13.329	103.459	0.679	22.00	43.300
0.621	14.85	62.547	0.613	13.264	103.673	0.684	22.00	43.800
0.626	14.98	62.894	0.617	13.372	104.101	0.689	22.26	44.400
0.631	14.93	63.068	0.621	13.372	104.315	0.694	22.26	44.900
0.636	14.98	63.415	0.627	13.372	104.744	0.700	22.43	45.400
0.641	15.03	63.675	0.631	13.458	105.065	0.706	22.56	46.000
0.646	15.06	63.849	0.635	13.523	105.386	0.712	22.65	46.500
0.649	15.11	64.109	0.640	13.545	105.601	0.716	22.77	47.100
0.656	15.11	64.369	0.644	13.610	105.922	0.723	22.86	47.500
0.659	15.20	64.629	0.648	13.545	106.243	0.726	22.99	48.000
0.666	15.20	64.803	0.654	13.632	106.565	0.732	23.08	48.500
0.670	15.20	65.150	0.658	13.567	106.779	0.737	23.12	49.000
0.675	15.30	65.410	0.663	13.762	107.314	0.743	23.29	49.600
0.680	15.30	65.757	0.669	13.654	107.636	0.749	23.42	50.100
0.683	15.38	66.191	0.673	13.719	107.957	0.753	23.55	50.700
0.688	15.36	66.451	0.677	13.719	108.278	0.759	23.59	51.200
0.695	15.46	66.712	0.682	13.740	108.599	0.765	23.77	51.800
0.698	15.44	66.885	0.686	13.804	108.921	0.769	23.81	52.200
0.703	15.46	67.145	0.692	13.804	109.135	0.775	23.81	52.700
0.708	15.52	67.406	0.696	13.891	109.563	0.780	23.98	53.200
0.713	15.52	67.579	0.701	13.913	109.885	0.786	24.03	53.700
0.718	15.60	67.839	0.705	13.978	110.099	0.790	24.15	54.200
0.723	15.60	68.013	0.711	13.978	110.420	0.796	24.15	54.600
0.727	15.65	68.273	0.715	13.913	110.634	0.802	24.33	55.100
0.732	15.65	68.447	0.720	14.021	110.849	0.808	24.28	55.500
0.737	15.68	68.620	0.724	14.000	111.063	0.813	24.37	56.000
0.742	15.76	69.054	0.730	14.086	111.491	0.819	24.50	56.500
0.747	15.76	69.314	0.734	14.043	111.705	0.823	24.54	57.100
0.752	15.84	69.661	0.738	14.130	111.920	0.830	24.63	57.500
0.757	15.81	69.921	0.743	14.108	112.134	0.835	24.67	58.000
0.762	15.89	70.182	0.747	14.130	112.455	0.840	24.84	58.500
0.767	15.87	70.442	0.753	14.195	112.776	0.843	24.84	59.000
0.772	15.89	70.615	0.757	14.173	112.991	0.850	24.89	59.300
0.776	15.95	70.789	0.762	14.280	113.205	0.855	24.97	59.800
0.781	15.92	71.049	0.766	14.217	113.419	0.862	24.97	60.200
0.786	16.00	71.309	0.772	14.280	113.633	0.866	25.15	60.600
0.791	15.98	71.396	0.776	14.302	113.954	0.873	25.06	61.000
0.796	16.06	71.656	0.780	14.324	114.062	0.878	25.28	61.300
0.799	16.06	71.830	0.785	14.367	114.490	0.882	25.23	61.700
0.806	16.08	72.090	0.789	14.345	114.811	0.888	25.36	62.100
0.811	16.16	72.524	0.795	14.519	115.133	0.895	25.41	62.700
0.816	16.14	72.784	0.799	14.476	115.347	0.898	25.45	63.200
0.820	16.24	73.044	0.804	14.454	115.561	0.905	25.54	63.600
0.824	16.22	73.305	0.808	14.541	115.989	0.909	25.58	64.000
0.830	16.24	73.565	0.812	14.454	116.204	0.915	25.66	64.400
0.834	16.27	73.738	0.818	14.584	116.418	0.922	25.66	64.800
0.840	16.27	73.912	0.822	14.497	116.632	0.926	25.66	65.200
0.843	16.32	74.085	0.827	14.627	116.846	0.931	25.79	65.600
0.850	16.32	74.259	0.831	14.562	117.060	0.938	25.75	65.900
0.853	16.41	74.432	0.837	14.627	117.275	0.944	25.92	66.500

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
0.858	16.35	74.606	0.841	14.649	117.489	0.948	25.84	66.800
0.863	16.43	74.866	0.846	14.693	117.703	0.955	25.97	67.200
0.868	16.43	75.040	0.850	14.714	118.024	0.959	25.97	67.600
0.874	16.46	75.300	0.856	14.778	118.346	0.965	26.10	67.900
0.878	16.54	75.734	0.860	14.778	118.667	0.969	26.18	68.400
0.882	16.51	75.907	0.865	14.821	118.881	0.975	26.14	68.800
0.887	16.59	76.254	0.868	14.756	119.202	0.981	26.22	69.300
0.892	16.57	76.428	0.875	14.887	119.524	0.986	26.22	69.600
0.897	16.62	76.514	0.879	14.778	119.738	0.991	26.27	70.000
0.902	16.65	76.775	0.884	14.930	120.059	0.998	26.40	70.400
0.907	16.59	76.948	0.888	14.821	120.166	1.002	26.31	70.700
0.912	16.70	77.122	0.892	15.038	120.488	1.008	26.48	71.100
0.917	16.65	77.295	0.898	14.908	120.702	1.014	26.40	71.400
0.922	16.73	77.469	0.902	15.038	120.916	1.018	26.61	71.800
0.927	16.67	77.642	0.907	14.973	121.130	1.024	26.48	72.200
0.931	16.78	77.816	0.911	15.038	121.344	1.029	26.61	72.500
0.936	16.75	77.989	0.917	15.082	121.559	1.035	26.57	72.900
0.941	16.81	78.249	0.921	15.147	121.880	1.039	26.70	73.400
0.944	16.86	78.683	0.925	15.169	122.201	1.047	26.74	73.800
0.949	16.86	78.857	0.930	15.169	122.415	1.051	26.79	74.100
0.954	16.89	79.030	0.934	15.147	122.630	1.057	26.83	74.500
0.959	16.89	79.290	0.940	15.232	122.844	1.062	26.83	74.900
0.966	16.94	79.377	0.944	15.190	123.058	1.067	26.79	75.200
0.969	17.00	79.637	0.949	15.341	123.272	1.072	26.92	75.600
0.974	16.92	79.724	0.953	15.232	123.486	1.078	26.87	75.900
0.979	17.02	79.898	0.958	15.449	123.701	1.082	27.00	76.200
0.984	16.97	80.071	0.963	15.276	123.915	1.088	26.92	76.500
0.988	17.08	80.245	0.967	15.406	124.129	1.094	27.13	76.800
0.993	17.00	80.331	0.972	15.406	124.236	1.100	27.00	77.200
0.998	17.08	80.505	0.977	15.428	124.343	1.104	27.09	77.500
1.003	17.08	80.592	0.982	15.493	124.664	1.111	27.04	77.800
1.008	17.13	80.852	0.986	15.558	124.879	1.115	27.17	78.100
1.013	17.19	81.286	0.991	15.536	125.093	1.121	27.22	78.600
1.018	17.19	81.546	0.996	15.601	125.307	1.125	27.22	78.900
1.023	17.21	81.719	1.001	15.558	125.521	1.133	27.30	79.200
1.028	17.24	81.893	1.005	15.687	125.735	1.138	27.30	79.600
1.033	17.19	82.066	1.009	15.601	125.843	1.143	27.30	79.900
1.037	17.29	82.240	1.015	15.752	126.164	1.148	27.39	80.100
1.042	17.24	82.327	1.020	15.687	126.271	1.154	27.35	80.500
1.047	17.32	82.500	1.024	15.795	126.485	1.161	27.43	80.800
1.052	17.27	82.587	1.028	15.752	126.592	1.165	27.35	81.000
1.057	17.37	82.760	1.033	15.817	126.806	1.171	27.52	81.400
1.062	17.32	82.934	1.038	15.817	127.021	1.175	27.39	81.700
1.067	17.37	83.107	1.042	15.839	127.235	1.181	27.48	82.000
1.070	17.37	83.194	1.047	15.925	127.449	1.187	27.48	82.300
1.077	17.43	83.541	1.052	15.925	127.663	1.193	27.56	82.700
1.081	17.48	83.888	1.057	15.969	127.985	1.198	27.61	83.100
1.085	17.48	84.062	1.061	16.012	128.199	1.203	27.61	83.400
1.091	17.54	84.235	1.066	15.991	128.306	1.207	27.69	83.600
1.095	17.51	84.409	1.070	16.056	128.627	1.214	27.65	83.900
1.099	17.51	84.582	1.074	16.077	128.734	1.220	27.65	84.200
1.104	17.59	84.669	1.080	16.163	128.948	1.226	27.73	84.500
1.109	17.54	84.842	1.084	16.077	129.163	1.231	27.65	84.800
1.114	17.64	85.016	1.089	16.228	129.377	1.234	27.78	85.100
1.119	17.59	85.103	1.093	16.121	129.484	1.241	27.69	85.300
1.124	17.67	85.276	1.097	16.141	129.698	1.247	27.86	85.600
1.129	17.64	85.363	1.103	16.185	129.912	1.253	27.78	85.900
1.135	17.67	85.450	1.107	16.206	130.019	1.257	27.78	86.200
1.139	17.70	85.623	1.112	16.271	130.234	1.263	27.82	86.400
1.143	17.72	85.883	1.116	16.271	130.555	1.269	27.86	86.800
1.148	17.78	86.144	1.122	16.293	130.769	1.274	27.95	87.100
1.153	17.78	86.404	1.126	16.315	131.090	1.279	27.95	87.400
1.158	17.83	86.577	1.130	16.293	131.090	1.286	28.04	87.700
1.163	17.80	86.751	1.135	16.380	131.305	1.290	27.99	88.000

Laboratorio di Geotecnica								
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CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
1.168	17.80	86.838	1.141	16.336	131.412	1.294	27.99	88.200
1.173	17.88	87.011	1.145	16.467	131.626	1.300	28.04	88.500
1.178	17.83	87.185	1.149	16.423	131.733	1.306	28.04	88.800
1.183	17.91	87.272	1.153	16.488	131.947	1.311	28.08	89.000
1.187	17.88	87.358	1.158	16.445	132.054	1.317	28.04	89.300
1.192	17.94	87.445	1.162	16.467	132.161	1.322	28.17	89.600
1.197	17.94	87.619	1.168	16.510	132.376	1.329	28.12	89.8
1.202	17.94	87.619	1.172	16.510	132.590	1.333	28.12	90
1.207	18.02	87.966	1.177	16.597	132.911	1.340	28.25	90.4
1.212	17.99	88.313	1.181	16.575	133.018	1.344	28.21	90.7
1.217	18.07	88.486	1.185	16.575	133.232	1.350	28.34	91
1.222	18.02	88.573	1.191	16.617	133.447	1.356	28.25	91.2
1.227	18.07	88.746	1.195	16.597	133.554	1.362	28.38	91.6
1.23	18.07	88.920	1.200	16.661	133.768	1.366	28.30	91.7
1.236	18.05	89.007	1.204	16.639	133.875	1.372	28.34	91.9
1.24	18.13	89.180	1.210	16.747	134.089	1.377	28.38	92.2
1.245	18.07	89.267	1.214	16.726	134.196	1.383	28.38	92.5
1.249	18.15	89.354	1.218	16.726	134.411	1.389	28.43	92.7
1.254	18.10	89.440	1.223	16.726	134.518	1.395	28.38	92.9
1.258	18.18	89.614	1.229	16.704	134.732	1.4	28.43	93.1
1.263	18.15	89.701	1.233	16.834	134.946	1.405	28.43	93.4
1.267	18.15	89.874	1.237	16.769	135.053	1.41	28.38	93.5
1.272	18.21	89.961	1.242	16.878	135.267	1.416	28.51	93.8
1.277	18.21	90.134	1.246	16.834	135.482	1.422	28.47	94
1.282	18.29	90.481	1.252	16.964	135.696	1.426	28.68	94.4
1.287	18.23	90.655	1.256	16.899	135.910	1.432	28.55	94.6
1.292	18.32	90.828	1.261	16.943	136.017	1.437	28.64	94.9
1.297	18.29	91.0018	1.265	16.964	136.2312	1.443	28.60	95.1
1.302	18.32	91.1753	1.269	16.986	136.3383	1.448	28.64	95.4
1.307	18.34	91.26205	1.276	17.029	136.4454	1.453	28.64	95.7
1.31	18.34	91.3488	1.279	17.051	136.5525	1.459	28.64	95.9
1.316	18.37	91.52231	1.284	17.093	136.7667	1.465	28.64	96.1
1.321	18.34	91.60906	1.29	17.093	136.9809	1.47	28.64	96.3
1.326	18.42	91.69581	1.294	16.986	137.088	1.475	28.64	96.6
1.329	18.42	91.86931	1.298	17.137	137.1951	1.482	28.77	96.8
1.336	18.37	91.86931	1.303	17.051	137.4093	1.486	28.64	97
1.341	18.45	92.04281	1.307	17.202	137.5164	1.492	28.81	97.2
1.344	18.42	92.12956	1.312	17.115	137.6235	1.496	28.68	97.4
1.349	18.50	92.21631	1.317	17.202	137.7306	1.503	28.86	97.7
1.354	18.48	92.38982	1.322	17.202	138.0519	1.509	28.77	97.9
1.36	18.56	92.73682	1.326	17.245	138.159	1.513	28.90	98.3
1.364	18.53	92.91032	1.331	17.267	138.3732	1.519	28.81	98.5
1.37	18.56	92.99707	1.336	17.354	138.4803	1.525	28.90	98.8
1.373	18.58	93.08382	1.34	17.397	138.6945	1.531	28.86	99
1.378	18.58	93.34408	1.345	17.397	138.8016	1.535	28.90	99.2
1.385	18.64	93.34408	1.35	17.267	138.9087	1.541	28.90	99.5
1.388	18.61	93.43083	1.355	17.419	139.1229	1.546	28.94	99.7
1.393	18.61	93.51758	1.359	17.310	139.23	1.551	28.94	99.9
1.398	18.66	93.69108	1.364	17.484	139.3371	1.558	28.99	100.2
1.403	18.61	93.69108	1.368	17.375	139.4442	1.562	28.94	100.4
1.408	18.69	93.77783	1.373	17.569	139.5513	1.568	29.03	100.5
1.413	18.64	93.86458	1.378	17.440	139.6584	1.574	28.94	100.8

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
1.417	18.72	94.03808	1.382	17.527	139.6584	1.579	29.07	101
1.422	18.69	94.12484	1.387	17.569	139.9797	1.584	28.99	101.2
1.427	18.77	94.38509	1.392	17.634	140.1939	1.589	29.12	101.5
1.432	18.74	94.64534	1.397	17.613	140.4081	1.595	29.07	101.8
1.437	18.77	94.81884	1.401	17.656	140.5152	1.599	29.16	102
1.442	18.80	94.90559	1.406	17.721	140.6223	1.608	29.16	102.2
1.447	18.80	94.99235	1.411	17.721	140.7294	1.611	29.16	102.4
1.452	18.83	95.0791	1.415	17.613	140.8365	1.618	29.20	102.6
1.457	18.83	95.16585	1.42	17.743	140.9436	1.624	29.20	102.8
1.462	18.83	95.2526	1.424	17.678	141.0507	1.628	29.24	103.1
1.466	18.85	95.33935	1.428	17.808	141.1578	1.634	29.24	103.2
1.471	18.83	95.4261	1.434	17.743	141.2649	1.639	29.16	103.4
1.476	18.91	95.5996	1.438	17.873	141.372	1.644	29.29	103.6
1.481	18.85	95.5996	1.443	17.808	141.4791	1.649	29.20	103.8
1.486	18.93	95.68635	1.446	17.873	141.5862	1.655	29.33	103.9
1.491	18.88	95.7731	1.451	17.873	141.9075	1.661	29.24	104.2
1.496	18.93	96.12011	1.457	17.873	142.0146	1.667	29.33	104.5
1.501	18.96	96.38036	1.461	17.895	142.1217	1.671	29.33	104.7
1.506	18.99	96.46711	1.466	17.895	142.3359	1.677	29.33	105
1.51	18.99	96.55386	1.469	17.960	142.443	1.684	29.37	105.2
1.515	18.99	96.64061	1.474	17.982	142.5501	1.688	29.33	105.4
1.52	19.04	96.72737	1.478	17.938	142.6572	1.692	29.42	105.5
1.524	19.01	96.81412	1.484	18.067	142.8714	1.7	29.37	105.7
1.53	18.99	96.90087	1.488	17.982	142.8714	1.704	29.33	106
1.533	19.07	96.98762	1.493	18.110	143.0856	1.71	29.37	106.1
1.54	19.01	97.07437	1.497	18.089	143.1927	1.715	29.33	106.3
1.545	19.09	97.07437	1.501	18.154	143.4069	1.721	29.42	106.5
1.55	19.04	97.16112	1.507	18.132	143.4069	1.727	29.37	106.7
1.554	19.12	97.24787	1.511	18.154	143.514	1.731	29.50	106.8
1.559	19.07	97.33462	1.516	18.219	143.7282	1.737	29.42	107
1.564	19.12	97.59488	1.52	18.219	144.0495	1.742	29.50	107.3
1.568	19.18	97.94188	1.524	18.284	144.1566	1.748	29.50	107.5
1.574	19.15	98.02863	1.53	18.262	144.3708	1.754	29.55	107.8
1.579	19.23	98.11538	1.534	18.284	144.4779	1.76	29.59	108
1.584	19.18	98.20213	1.539	18.327	144.6921	1.764	29.59	108.2
1.587	19.23	98.28888	1.543	18.284	144.6921	1.77	29.59	108.4
1.592	19.23	98.37563	1.549	18.414	144.7992	1.775	29.55	108.5
1.599	19.20	98.37563	1.553	18.327	144.6921	1.781	29.55	108.7
1.602	19.26	98.54914	1.557	18.458	144.7992	1.785	29.59	109
1.608	19.23	98.63589	1.562	18.349	144.7992	1.793	29.50	109.1
1.612	19.31	98.63589	1.567	18.436	144.7992	1.797	29.59	109.2
1.616	19.26	98.80939	1.572	18.414	144.7992	1.803	29.50	109.4
1.621	19.34	98.89614	1.576	18.436	144.9063	1.808	29.63	109.6
1.626	19.28	98.89614	1.58	18.436	144.9063	1.814	29.55	109.8
1.631	19.28	98.98289	1.586	18.414	144.9063	1.82	29.55	110
1.636	19.34	99.06964	1.59	18.478	145.1205	1.825	29.59	110.1
1.641	19.31	99.06964	1.595	18.478	145.1205	1.83	29.55	110.3
1.646	19.39	99.41665	1.599	18.565	145.3347	1.834	29.68	110.5
1.651	19.36	99.6769	1.604	18.521	145.4418	1.84	29.59	110.8
1.656	19.42	99.76365	1.609	18.521	145.4418	1.846	29.68	111
1.661	19.39	99.8504	1.614	18.565	145.656	1.851	29.63	111.2
1.665	19.39	99.93715	1.618	18.543	145.656	1.857	29.72	111.4
1.67	19.44	100.1107	1.622	18.652	145.7631	1.863	29.68	111.6
1.675	19.42	100.1974	1.628	18.565	145.8702	1.868	29.72	111.8
1.68	19.47	100.2842	1.632	18.673	145.9773	1.874	29.72	112

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
1.685	19.42	100.3709	1.636	18.652	146.0844	1.88	29.72	112.2
1.69	19.50	100.3709	1.641	18.630	146.0844	1.884	29.76	112.3
1.693	19.47	100.4577	1.647	18.695	146.1915	1.891	29.76	112.5
1.7	19.44	100.4577	1.651	18.652	146.2986	1.896	29.68	112.6
1.705	19.50	100.5444	1.655	18.760	146.4057	1.901	29.80	112.9
1.709	19.47	100.5444	1.66	18.695	146.4057	1.907	29.68	113
1.714	19.53	100.6312	1.664	18.760	146.5128	1.913	29.80	113.1
1.719	19.50	100.7179	1.67	18.738	146.6199	1.917	29.72	113.3
1.724	19.58	100.8047	1.674	18.782	146.727	1.923	29.89	113.5
1.729	19.58	101.1517	1.678	18.803	146.9412	1.929	29.85	113.8
1.734	19.58	101.3252	1.683	18.825	146.9412	1.933	29.89	114
1.737	19.61	101.4987	1.687	18.890	147.1554	1.94	29.85	114.1
1.744	19.58	101.4987	1.693	18.890	147.1554	1.946	29.93	114.3
1.749	19.63	101.5854	1.697	18.847	147.1554	1.95	29.89	114.4
1.752	19.61	101.6722	1.701	18.912	147.2625	1.956	29.89	114.7
1.758	19.66	101.6722	1.706	18.782	147.2625	1.96	29.89	114.8
1.762	19.63	101.7589	1.712	18.976	147.3696	1.967	29.93	114.9
1.767	19.61	101.7589	1.716	18.847	147.3696	1.972	29.85	115.1
1.771	19.66	101.8457	1.72	19.019	147.4767	1.977	29.98	115.2
1.776	19.63	101.9324	1.725	18.954	147.4767	1.983	29.89	115.4
1.781	19.69	101.9324	1.729	18.997	147.4767	1.987	30.06	115.6
1.786	19.63	101.9324	1.735	18.934	147.6909	1.994	29.93	115.7
1.791	19.71	102.1927	1.739	19.041	147.798	1.997	30.11	115.9
1.796	19.71	102.4529	1.743	19.019	147.9051	2.004	30.02	116.2
1.801	19.74	102.6264	1.748	19.063	148.0122	2.01	30.11	116.4
1.806	19.74	102.7132	1.752	19.106	148.1193	2.014	30.06	116.5
1.811	19.74	102.7132	1.758	19.149	148.2264	2.02	30.11	116.7
1.815	19.79	102.8867	1.762	19.084	148.4406	2.026	30.11	116.9
1.82	19.77	102.8867	1.767	19.193	148.4406	2.032	30.11	117
1.825	19.79	102.8867	1.771	19.149	148.4406	2.036	30.15	117.1
1.83	19.79	103.0602	1.775	19.301	148.5477	2.043	30.15	117.4
1.835	19.74	102.9734	1.781	19.149	148.5477	2.047	30.06	117.5
1.84	19.82	103.0602	1.785	19.301	148.6548	2.052	30.19	117.7
1.845	19.77	103.1469	1.79	19.171	148.6548	2.057	30.06	117.7
1.85	19.85	103.2337	1.794	19.258	148.7619	2.065	30.24	117.9
1.853	19.79	103.2337	1.798	19.214	148.869	2.069	30.11	118.1
1.86	19.85	103.4072	1.804	19.323	148.9761	2.073	30.24	118.3
1.864	19.87	103.6674	1.808	19.345	149.1903	2.08	30.24	118.5
1.869	19.87	103.7542	1.813	19.366	149.1903	2.086	30.24	118.7
1.874	19.90	103.9277	1.817	19.388	149.2974	2.09	30.24	118.9
1.877	19.87	103.9277	1.822	19.430	149.4045	2.096	30.28	119
1.928	19.93	104.0144	1.827	19.366	149.5116	2.102	30.32	119.2
1.975	19.90	104.1012	1.831	19.539	149.6187	2.106	30.28	119.4
2.024	19.87	104.1012	1.836	19.474	149.7258	2.113	30.28	119.5
2.073	19.93	104.188	1.84	19.582	149.8329	2.119	30.37	119.6
2.122	19.90	104.188	1.846	19.495	149.94	2.123	30.32	119.7
2.169	19.96	104.2747	1.849	19.625	149.94	2.129	30.41	120
2.218	19.93	104.2747	1.854	19.517	149.94	2.136	30.32	120.1
2.269	20.01	104.2747	1.858	19.539	149.94	2.139	30.45	120.2
2.316	19.96	104.2747	1.864	19.560	150.0471	2.146	30.32	120.4
2.365	20.01	104.535	1.868	19.560	150.0471	2.152	30.41	120.5
2.414	20.01	104.7952	1.873	19.647	150.1542	2.156	30.45	120.8
2.463	20.01	104.882	1.877	19.690	150.1542	2.162	30.45	121
2.512	20.04	105.0555	1.883	19.625	150.2613	2.168	30.45	121.2
2.561	20.01	105.0555	1.887	19.712	150.2613	2.153	29.50	121
2.61	20.04	105.1422	1.933	19.928	150.9039	2.159	30.37	121.3

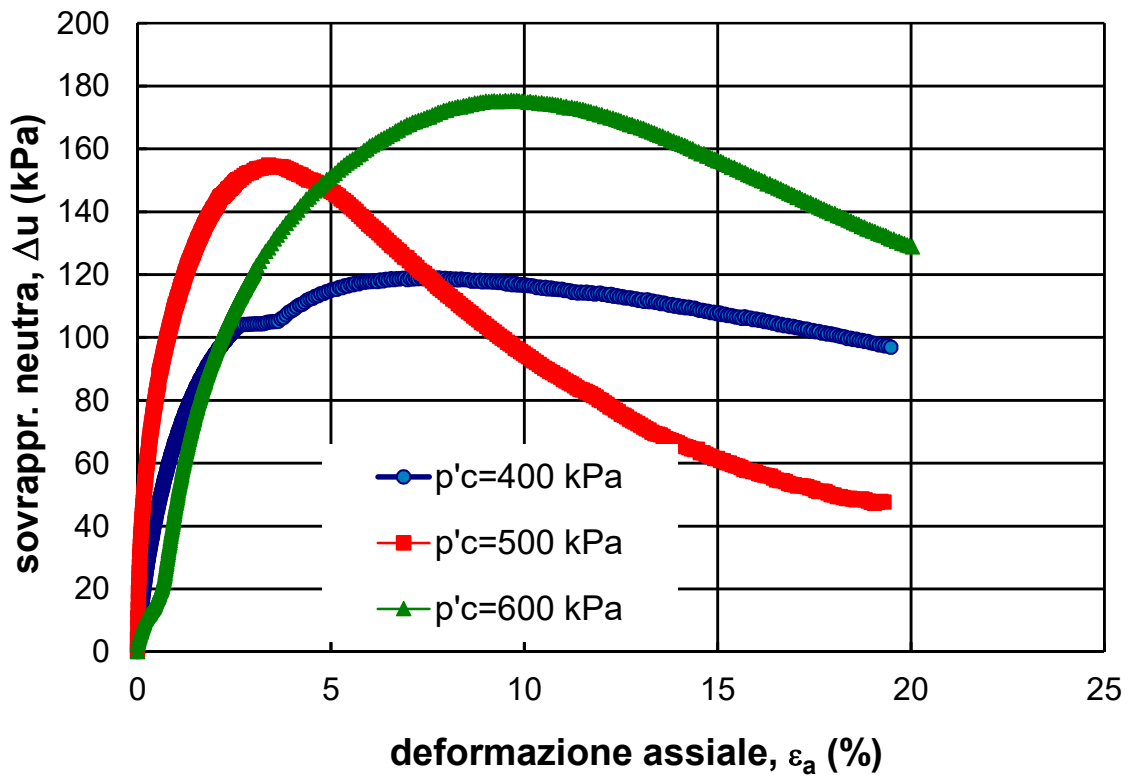
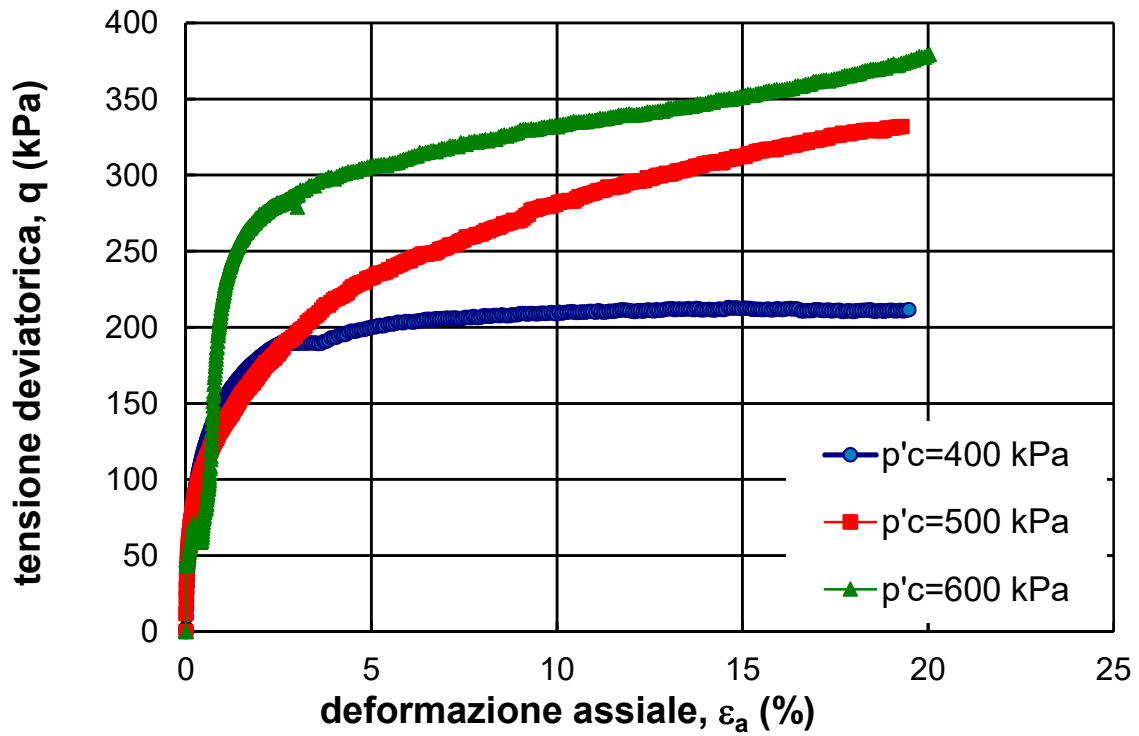
Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
2.659	20.17	105.923	1.979	20.080	151.4394	2.212	30.71	122.9
2.708	20.20	106.3567	2.025	20.188	152.082	2.264	30.71	124.2
2.757	20.31	107.1375	2.07	20.318	152.4033	2.319	30.84	125.8
2.806	20.47	108.005	2.117	20.426	152.5104	2.374	31.06	127.3
2.855	20.52	108.5255	2.162	20.708	153.0459	2.428	31.10	128.5
2.903	20.55	108.9593	2.208	20.880	153.5814	2.481	31.14	129.8
2.952	20.68	109.74	2.254	20.988	153.6885	2.536	31.40	131.3
3.003	20.79	110.3473	2.3	21.162	153.7956	2.591	31.53	132.5
3.052	20.76	110.5208	2.346	21.465	154.1169	2.644	31.57	133.6
3.101	20.84	111.128	2.393	21.595	154.224	2.699	31.66	135
3.15	20.98	111.822	2.437	21.725	154.8666	2.755	31.83	136.3
3.2	21.06	112.2558	2.483	21.919	154.4382	2.809	31.83	137.4
3.249	21.06	112.4293	2.529	22.027	154.4382	2.864	31.79	138.3
3.298	21.11	113.1233	2.576	22.201	154.224	2.917	31.96	139.6
3.349	21.19	113.2968	2.622	22.417	154.224	2.971	32.09	140.5
3.399	21.25	113.9041	2.668	22.634	154.3311	3.024	32.22	141.8
3.448	21.25	113.9908	2.714	22.806	154.1169	3.08	32.26	142.6
3.497	21.35	114.5113	2.76	22.784	153.6885	3.131	32.39	143.9
3.548	21.41	114.6848	2.805	22.979	153.2601	3.186	32.44	144.6
3.598	21.49	115.1186	2.851	23.173	153.0459	3.24	32.48	145.7
3.647	21.49	115.2921	2.897	23.304	152.5104	3.293	32.52	146.6
3.696	21.57	115.2921	2.943	23.347	152.2962	3.346	32.69	147.2
3.747	21.65	115.8993	2.989	23.477	151.8678	3.4	32.78	148.4
3.797	21.62	115.8126	3.035	23.564	151.6536	3.453	32.78	149.1
3.846	21.68	116.4198	3.081	23.671	151.011	3.508	32.91	150.1
3.897	21.78	116.3331	3.128	23.801	150.5826	3.561	33.00	150.7
3.947	21.81	116.8536	3.174	24.040	150.0471	3.614	33.08	151.6
3.996	21.81	116.7668	3.22	24.234	150.0471	3.667	33.08	152.2
4.047	21.87	117.2874	3.265	24.299	149.7258	3.721	33.17	153.2
4.097	21.97	117.0271	3.312	24.429	149.2974	3.776	33.21	153.9
4.148	21.97	117.5476	3.358	24.538	148.869	3.83	33.26	154.7
4.199	21.97	117.5476	3.404	24.580	148.4406	3.882	33.21	155.4
4.248	22.08	117.6344	3.45	24.667	147.9051	3.936	33.39	156
4.298	22.08	117.8079	3.497	24.884	147.3696	3.989	33.43	156.7
4.349	22.08	117.7211	3.543	24.970	147.1554	4.042	33.47	157.2
4.399	22.08	117.9814	3.589	25.014	146.5128	4.095	33.56	158.1
4.45	22.16	117.8079	3.635	25.121	146.0844	4.148	33.69	158.5
4.499	22.21	118.2416	3.682	25.295	145.3347	4.201	33.82	159.4
4.549	22.24	117.9814	3.728	25.360	144.9063	4.255	33.86	159.9
4.6	22.30	118.5019	3.776	25.403	144.0495	4.308	33.99	160.8
4.65	22.38	118.2416	3.822	25.468	143.514	4.361	34.08	161.2
4.701	22.38	118.6754	3.87	25.532	142.8714	4.416	34.16	161.9
4.75	22.38	118.4151	3.916	25.684	142.2288	4.467	34.20	162.4
4.802	22.43	118.6754	3.962	25.727	141.4791	4.519	34.46	163
4.853	22.48	118.5886	4.009	25.944	140.7294	4.574	34.42	163.4
4.902	22.48	118.7621	4.055	25.986	140.0868	4.626	34.51	163.9
4.952	22.51	118.7621	4.103	26.095	139.1229	4.679	34.59	164.5
5.004	22.56	118.4151	4.149	26.182	138.4803	4.732	34.68	164.8

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
5.053	22.59	118.8489	4.196	26.290	137.6235	4.785	34.72	165.6
5.104	22.56	118.5886	4.244	26.399	136.8738	4.836	34.68	165.9
5.153	22.62	118.9356	4.29	26.462	136.017	4.889	34.85	166.6
5.203	22.65	118.6754	4.336	26.506	135.3744	4.944	34.98	166.9
5.254	22.65	119.0224	4.384	26.701	134.6247	4.995	34.98	167.6
5.303	22.62	118.6754	4.431	26.766	133.9821	5.048	35.02	167.8
5.353	22.67	119.0224	4.477	26.831	133.2324	5.101	35.24	168.4
5.402	22.75	118.8489	4.525	26.960	132.4827	5.154	35.24	168.6
5.453	22.78	118.9356	4.572	27.069	131.6259	5.206	35.28	169
5.502	22.78	118.7621	4.62	27.090	130.8762	5.26	35.28	169.2
5.552	22.89	118.8489	4.667	27.090	130.1265	5.312	35.58	169.6
5.601	22.86	118.8489	4.713	27.177	129.2697	5.365	35.54	170
5.652	22.83	118.4151	4.762	27.221	128.7342	5.416	35.54	170.1
5.701	22.89	118.7621	4.808	27.242	127.8774	5.469	35.72	170.7
5.751	23.00	118.4151	4.856	27.351	127.2348	5.522	35.76	171
5.802	23.02	118.6754	4.903	27.545	126.2709	5.574	35.84	171.5
5.851	23.00	118.4151	4.95	27.610	125.5212	5.625	35.80	171.6
5.902	23.02	118.5886	4.998	27.675	125.307	5.678	35.93	172.1
5.952	23.10	118.2416	5.044	27.762	124.3431	5.731	35.97	172.2
6.003	23.10	118.5886	5.092	27.912	123.5934	5.783	36.06	172.7
6.052	23.10	118.3284	5.139	27.956	123.0579	5.836	36.02	172.8
6.101	23.18	118.4151	5.186	27.999	122.2011	5.889	36.19	173.1
6.151	23.16	118.2416	5.234	28.086	121.2372	5.94	36.19	173.4
6.202	23.16	117.8946	5.281	28.259	120.7017	5.992	36.23	173.3
6.251	23.18	118.1549	5.329	28.345	120.2733	6.045	36.40	173.7
6.301	23.26	117.8946	5.375	28.432	119.4165	6.098	36.53	173.7
6.352	23.29	118.1549	5.422	28.649	118.6668	6.149	36.62	174.2
6.402	23.29	117.6344	5.471	28.649	117.9171	6.201	36.58	174.1
6.451	23.40	118.0681	5.519	28.714	117.0603	6.253	36.71	174.5
6.503	23.42	117.6344	5.566	28.757	116.2035	6.305	36.79	174.5
6.554	23.45	117.8946	5.614	28.908	115.5609	6.358	36.88	174.8
6.605	23.42	117.5476	5.661	28.951	114.9183	6.409	36.97	174.8
6.654	23.48	117.7211	5.709	28.995	114.2757	6.462	37.18	175.1
6.702	23.51	117.4609	5.756	29.125	113.526	6.513	37.22	175
6.755	23.51	117.5476	5.804	29.297	112.9905	6.565	37.27	175.1
6.805	23.51	117.2874	5.851	29.297	112.1337	6.616	37.27	175.2
6.856	23.59	116.9403	5.9	29.427	111.5982	6.668	37.35	175
6.906	23.59	117.2874	5.947	29.514	110.7414	6.721	37.35	175.2
6.957	23.59	116.7668	5.996	29.622	110.0988	6.772	37.40	175
7.007	23.64	117.1139	6.044	29.644	109.4562	6.824	37.48	175.3
7.058	23.69	116.6801	6.09	29.751	108.8136	6.875	37.61	175.1
7.109	23.67	116.8536	6.139	29.925	108.0639	6.927	37.66	175.4
7.158	23.64	116.5066	6.187	29.968	107.5284	6.978	37.66	175.2
7.21	23.77	116.6801	6.235	30.055	106.7787	7.03	37.79	175.3
7.259	23.72	116.4198	6.282	30.120	106.1361	7.08	37.83	175.2
7.309	23.80	116.4198	6.331	30.271	105.4935	7.133	37.87	175.1
7.361	23.83	116.2463	6.379	30.293	104.7438	7.182	37.83	175
7.41	23.88	115.8126	6.426	30.271	104.3154	7.235	38.00	174.8
7.461	23.91	116.0728	6.475	30.379	103.4586	7.286	38.09	175
7.512	23.88	115.6391	6.524	30.531	102.9231	7.338	38.09	174.7
7.562	23.88	115.8993	6.57	30.747	102.1734	7.388	38.22	174.8
7.613	23.94	115.3788	6.619	30.855	101.6379	7.439	38.30	174.5
7.663	23.96	115.7258	6.668	31.180	100.9953	7.491	38.39	174.6
7.714	23.96	115.2921	6.715	31.266	100.3527	7.541	38.39	174.3
7.766	24.04	115.4656	6.764	31.288	99.7101	7.593	38.43	174.4
7.817	24.07	115.2053	6.811	31.375	99.1746	7.644	38.48	174.2
7.867	24.07	115.2921	6.861	31.483	98.4249	7.694	38.52	174.2
7.918	24.04	114.9451	6.909	31.591	97.8894	7.747	38.56	174
7.967	24.18	114.9451	6.958	31.591	97.3539	7.797	38.69	173.9
8.019	24.12	114.7716	7.007	31.634	96.4971	7.849	38.69	173.8
8.069	24.10	114.2511	7.055	31.721	96.1758	7.9	38.73	173.3
8.12	24.15	114.5113	7.104	31.786	95.4261	7.951	38.82	173.5

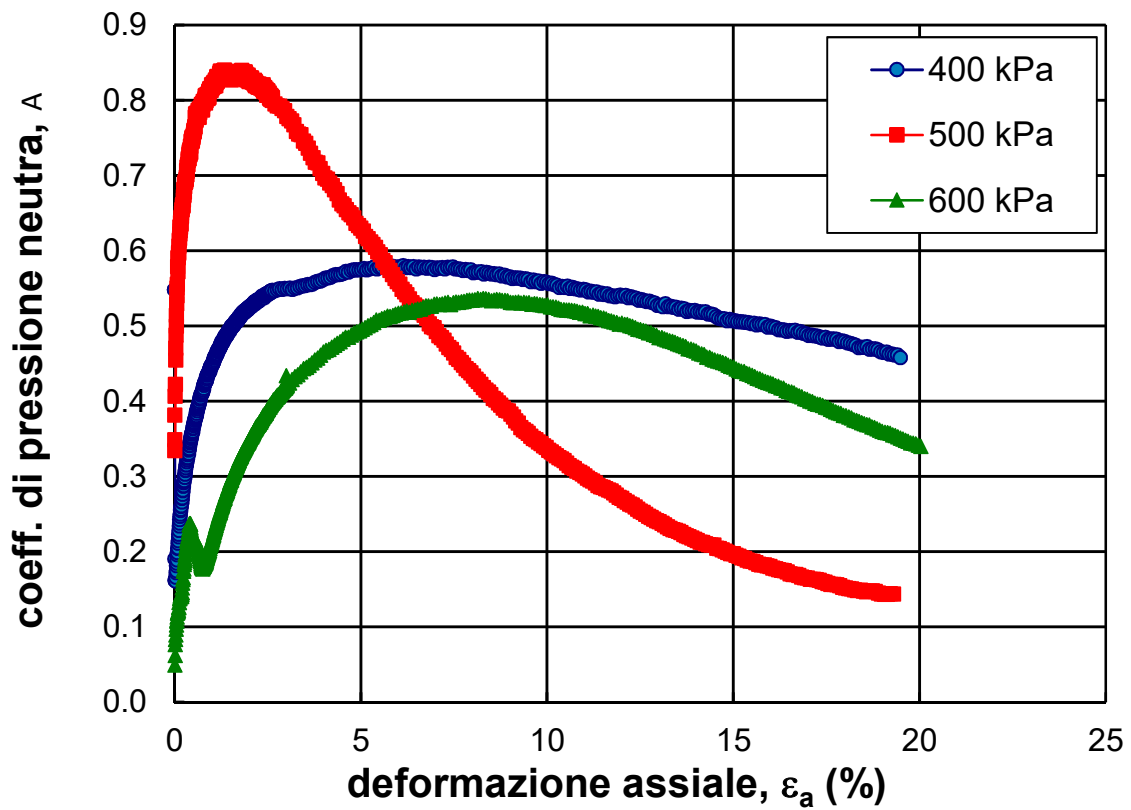
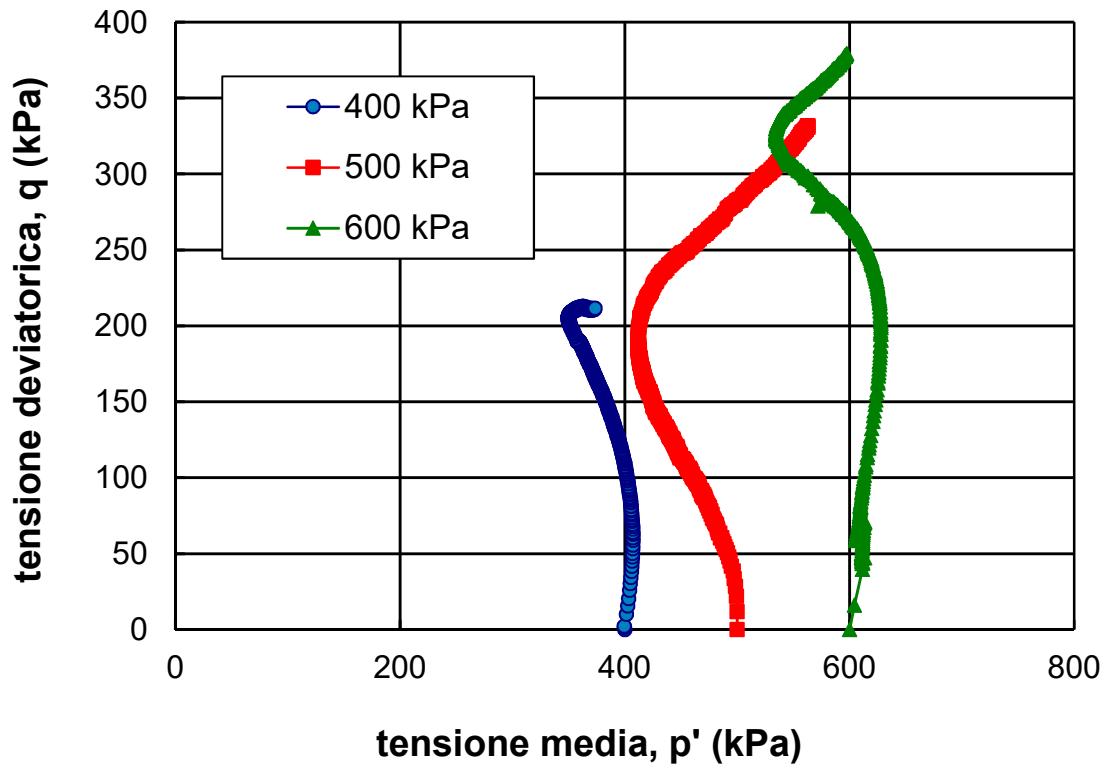
Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
8.171	24.20	114.0776	7.153	31.851	94.9977	8.001	38.95	173
8.223	24.23	114.4246	7.203	32.024	94.3551	8.052	38.95	173.2
8.273	24.26	114.0776	7.252	32.088	93.8196	8.102	38.99	172.8
8.324	24.31	114.4246	7.301	32.153	93.177	8.154	39.08	172.8
8.376	24.37	113.9908	7.351	32.175	92.5344	8.204	39.16	172.5
8.425	24.42	114.1643	7.4	32.262	91.9989	8.256	39.21	172.4
8.477	24.42	113.8173	7.451	32.240	91.3563	8.306	39.25	172.1
8.529	24.42	113.9908	7.5	32.284	90.8208	8.357	39.42	171.9
8.578	24.42	114.0776	7.549	32.457	90.1782	8.407	39.42	171.7
8.63	24.39	113.6438	7.599	32.673	89.7498	8.457	39.47	171.3
8.681	24.39	113.7306	7.649	32.673	89.1072	8.509	39.55	171.3
8.733	24.47	113.3836	7.698	32.781	88.7859	8.561	39.64	170.8
8.782	24.50	113.6438	7.749	32.890	88.1433	8.611	39.60	170.8
8.834	24.47	113.1233	7.8	32.975	87.7149	8.662	39.60	170.2
8.885	24.55	113.2968	7.85	33.040	87.2865	8.712	39.68	170.3
8.937	24.61	112.8631	7.899	33.127	86.6439	8.764	39.73	169.8
8.988	24.61	112.9498	7.951	33.279	86.1084	8.815	39.81	169.7
9.038	24.58	112.516	8.001	33.322	85.5729	8.867	39.86	169.3
9.09	24.69	112.6028	8.051	33.388	85.1445	8.917	40.03	169.1
9.141	24.66	112.516	8.101	33.473	84.609	8.967	40.03	168.8
9.192	24.69	112.169	8.153	33.668	83.9664	9.019	40.07	168.4
9.245	24.77	112.2558	8.203	33.647	83.4309	9.069	40.11	168.2
9.296	24.82	111.7353	8.253	33.712	83.2167	9.122	40.20	167.7
9.347	24.88	111.9088	8.303	33.755	82.7883	9.172	40.24	167.7
9.397	24.88	111.475	8.355	33.842	82.467	9.222	40.29	167.1
9.449	24.82	111.9088	8.406	33.885	82.0386	9.274	40.42	167
9.5	24.90	111.3883	8.456	33.971	81.5031	9.325	40.59	166.6
9.55	24.93	111.5618	8.507	34.144	80.9676	9.377	40.59	166.4
9.603	24.93	111.128	8.56	34.231	80.2179	9.427	40.63	165.9
9.653	24.96	111.2148	8.61	34.275	79.8966	9.477	40.72	165.7
9.705	25.01	110.781	8.66	34.361	79.1469	9.53	40.76	165.3
9.756	25.01	110.9545	8.711	34.425	78.6114	9.58	40.80	165
9.81	24.99	110.6075	8.763	34.447	77.8617	9.631	40.85	164.6
9.86	25.09	110.2605	8.815	34.512	77.5404	9.682	40.93	164.2
9.911	25.09	110.434	8.865	34.555	76.7907	9.733	41.02	164
9.963	25.01	109.9135	8.918	34.794	76.3623	9.785	41.02	163.4
10.014	25.07	110.087	8.969	34.751	75.5055	9.835	41.15	163.3
10.066	25.09	109.6533	9.021	34.858	75.1842	9.886	41.28	162.7
10.118	25.12	109.8268	9.072	34.988	74.6487	9.938	41.32	162.5
10.169	25.09	109.393	9.125	35.118	74.0061	9.989	41.32	162
10.219	25.12	109.6533	9.178	35.096	73.4706	10.041	41.41	161.8
10.273	25.20	109.2195	9.228	35.227	73.0422	10.091	41.54	161.3
10.322	25.23	109.3063	9.28	35.334	72.5067	10.143	41.62	161
10.374	25.20	108.8725	9.333	35.312	72.0783	10.193	41.62	160.6
10.425	25.28	108.6123	9.384	35.356	71.4357	10.244	41.84	160.1
10.479	25.42	108.6123	9.436	35.464	70.9002	10.296	41.88	159.9
10.529	25.39	108.2652	9.489	35.638	70.4718	10.347	41.93	159.2
10.581	25.42	108.2652	9.54	35.659	69.8292	10.399	42.01	159
10.634	25.47	107.8315	9.593	35.746	69.4008	10.45	42.01	158.4
10.684	25.44	108.005	9.645	35.810	69.1866	10.502	42.14	158.4
10.736	25.44	107.5712	9.697	35.940	68.9724	10.552	42.10	157.7
10.79	25.50	107.7447	9.749	35.983	68.4369	10.604	42.23	157.6
10.841	25.50	107.311	9.802	36.070	67.7943	10.655	42.31	157
10.893	25.52	107.3977	9.853	36.222	67.473	10.705	42.40	156.7
10.943	25.47	106.964	9.906	36.286	67.1517	10.758	42.40	156.2
10.997	25.52	106.964	9.959	36.329	66.7233	10.808	42.57	155.9
11.05	25.52	106.7905	10.012	36.481	66.402	10.86	42.70	155.5
11.102	25.52	106.4435	10.064	36.568	65.9736	10.91	42.70	155
11.152	25.52	106.4435	10.118	36.633	65.4381	10.962	42.70	154.7
11.206	25.58	106.0965	10.169	36.655	65.2239	11.013	42.83	154.1
11.257	25.63	106.5302	10.224	36.762	64.9026	11.063	42.92	154

Laboratorio di Geotecnica								
Prova Compressione Triassiale n.			Prova Compressione Triassiale n.			Prova Compressione Triassiale n.		
CIU (consolidata non drenata)			CIU (consolidata non drenata)			CIU (consolidata non drenata)		
Provino 1			Provino 2			Provino 3		
Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01		Velocità di prova (mm/min)	0.01	
tensione di confinamento (kPa)	400		tensione di confinamento (kPa)	500		tensione di confinamento (kPa)	600	
LVDT	cella di carico	Δu	LVDT	cella di carico	Δu	LVDT	cella di carico	Δu
δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)	δ (mm)	kg	(kPa)
11.31	25.58	106.0097	10.277	36.827	64.4742	11.115	42.96	153.4
11.363	25.63	106.1832	10.331	36.762	64.26	11.165	43.09	153.2
11.417	25.71	105.6627	10.384	36.849	64.3671	11.215	43.18	152.6
11.467	25.71	105.8362	10.437	37.066	63.2961	11.267	43.26	152.4
11.521	25.68	105.4025	10.491	37.131	63.2961	11.317	43.26	151.8
11.573	25.76	105.4892	10.544	37.216	62.7606	11.368	43.39	151.5
11.627	25.82	105.0555	10.598	37.260	62.2251	11.418	43.48	151.1
11.679	25.85	105.0555	10.65	37.455	62.0109	11.47	43.48	150.7
11.731	25.82	104.7952	10.704	37.498	61.4754	11.52	43.52	150.3
11.785	25.87	104.535	10.758	37.520	61.4754	11.57	43.61	149.8
11.839	25.85	104.535	10.811	37.585	60.8328	11.622	43.69	149.6
11.891	25.74	104.0144	10.865	37.801	60.7257	11.672	43.74	148.8
11.943	25.76	104.1012	10.92	37.844	60.0831	11.722	43.82	148.8
11.997	25.82	103.6674	10.974	37.931	59.976	11.772	44.00	148.2
12.049	25.85	103.8409	11.028	38.105	59.5476	11.823	44.08	148
12.102	25.87	103.4072	11.082	38.190	59.2263	11.874	44.08	147.5
12.157	25.95	103.4939	11.137	38.212	59.0121	11.924	44.17	147.2
12.208	25.98	103.0602	11.191	38.320	58.5837	11.975	44.30	146.7
12.261	25.98	103.0602	11.245	38.407	57.9411	12.025	44.38	146.4
12.315	25.95	102.7132	11.299	38.451	57.7269	12.075	44.43	145.9
12.367	26.01	102.7132	11.355	38.429	57.6198	12.126	44.64	145.5
12.421	26.06	102.5397	11.409	38.516	57.2985	12.176	44.69	145.2
12.475	26.01	102.0192	11.463	38.688	57.1914	12.226	44.73	144.5
12.527	26.03	102.1927	11.519	38.731	56.6559	12.276	44.82	144.4
12.583	26.09	101.7589	11.573	38.796	56.3346	12.326	44.90	143.8
12.633	26.11	101.8457	11.629	38.927	56.1204	12.376	44.99	143.5
12.689	26.03	101.4119	11.684	39.013	55.9062	12.425	44.94	143
12.743	26.09	101.4987	11.741	39.035	55.7991	12.476	45.07	142.8
12.795	26.17	101.0649	11.794	39.121	55.2636	12.526	45.16	142.2
12.849	26.17	101.1517	11.85	39.272	54.621	12.577	45.25	142
12.901	26.14	100.8047	11.907	39.316	54.4068	12.625	45.33	141.5
12.955	26.25	100.7179	11.961	39.403	54.4068	12.675	45.46	141.1
13.009	26.25	100.4577	12.017	39.468	54.0855	12.726	45.59	140.8
13.062	26.30	100.2842	12.072	39.662	53.55	12.776	45.63	140.3
13.115	26.33	100.1107	12.129	39.683	53.2287	12.826	45.68	140
13.168	26.38	99.59015	12.185	39.749	53.1216	12.874	45.81	139.4
13.222	26.44	99.76365	12.242	39.835	52.6932	12.926	45.89	139.3
13.274	26.36	99.3299	12.298	39.987	52.8003	12.976	45.94	138.7
13.328	26.36	99.41665	12.354	39.987	52.6932	13.026	46.07	138.5
13.382	26.44	98.98289	12.41	40.073	52.479	13.076	46.24	138
13.436	26.46	99.06964	12.467	40.290	52.0506	13.126	46.33	137.8
13.488	26.41	98.72264	12.523	40.376	51.8364	13.175	46.37	137.3
13.542	26.49	98.72264	12.58	40.398	51.3009	13.225	46.50	137
13.596	26.54	98.28888	12.635	40.462	50.9796	13.275	46.54	136.5
13.65	26.57	98.11538	12.692	40.657	51.0867	13.325	46.58	136.1
13.703	26.54	98.02863	12.749	40.679	50.9796	13.374	46.63	135.9
13.756	26.60	97.59488	12.806	40.679	50.4441	13.424	46.76	135.3
13.809	26.65	97.68163	12.862	40.787	49.9086	13.473	46.84	135.1
13.862	26.63	97.24787	12.919	40.918	49.8015	13.523	46.89	134.5
13.914	26.71	97.42137	12.977	40.938	49.3731	13.573	47.10	134.3
13.968	26.79	96.90087	13.034	41.003	49.3731	13.622	47.19	133.8
			13.09	41.133	49.0518	13.672	47.32	133.6
			13.147	41.220	48.7305	13.722	47.23	133.1
			13.205	41.220	48.8376	13.772	47.32	132.8
			13.262	41.307	48.5163	13.822	47.49	132.5
			13.319	41.372	48.3021	13.871	47.58	132.3
			13.377	41.350	48.4092	13.921	47.71	131.8
			13.435	41.372	48.6234	13.97	47.79	131.3
			13.492	41.457	48.3021	14.02	47.96	131.2
			13.549	41.674	47.8737	14.07	48.01	130.6
			13.608	41.718	47.4453	14.119	48.18	130.5
			13.666	41.761	47.2311	14.167	48.35	130
			13.724	41.890	47.4453	14.217	48.35	129.8
			13.781	41.955	47.7666	14.268	48.40	129.4
			13.84	42.020	47.5524	14.316	48.57	129.2
						14.366	48.70	128.8

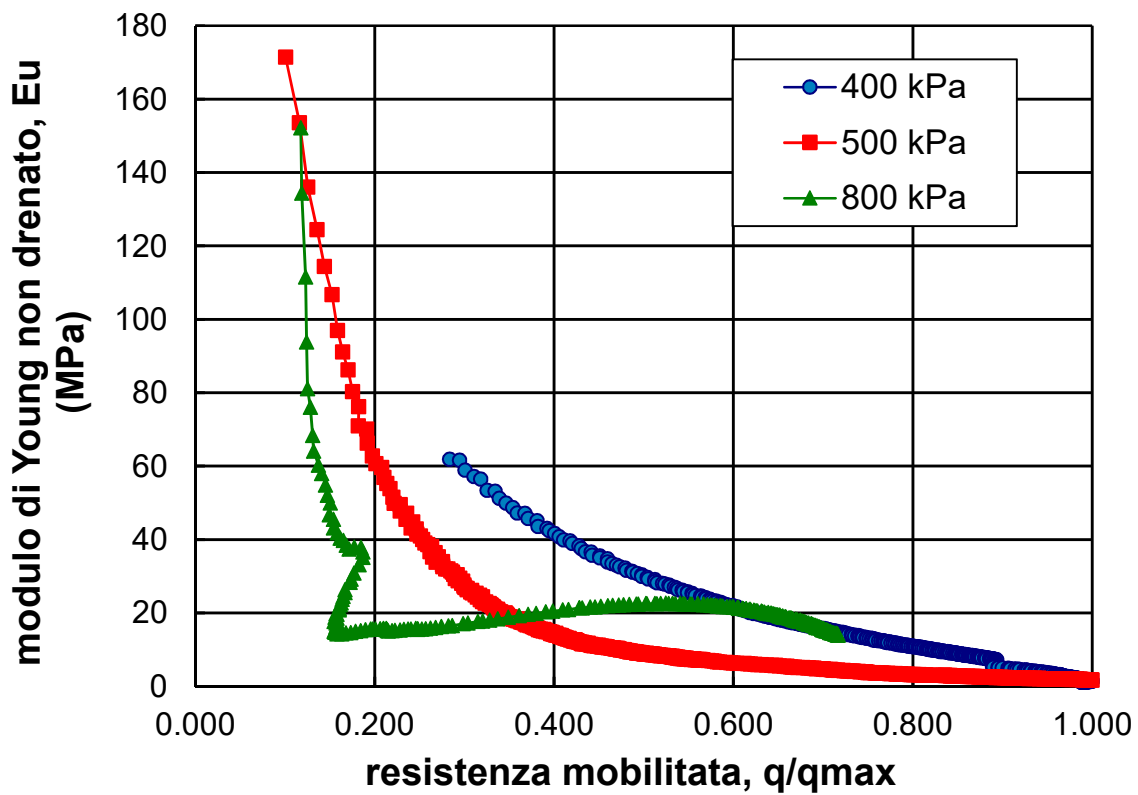
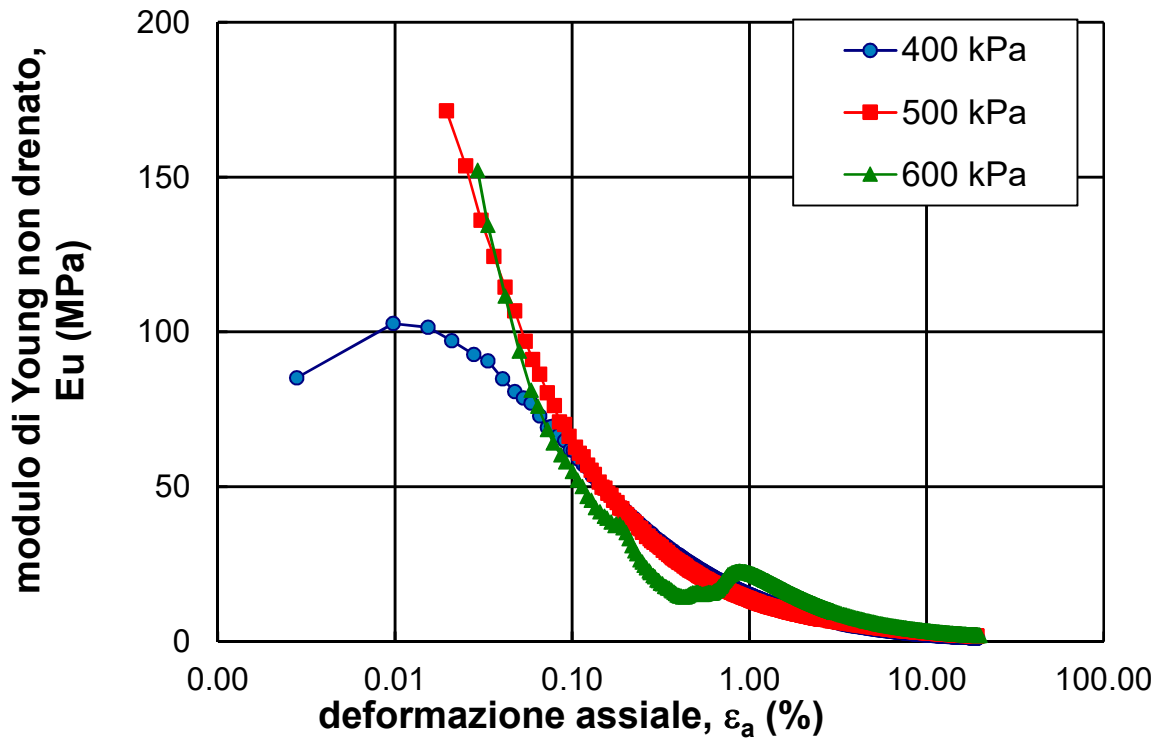
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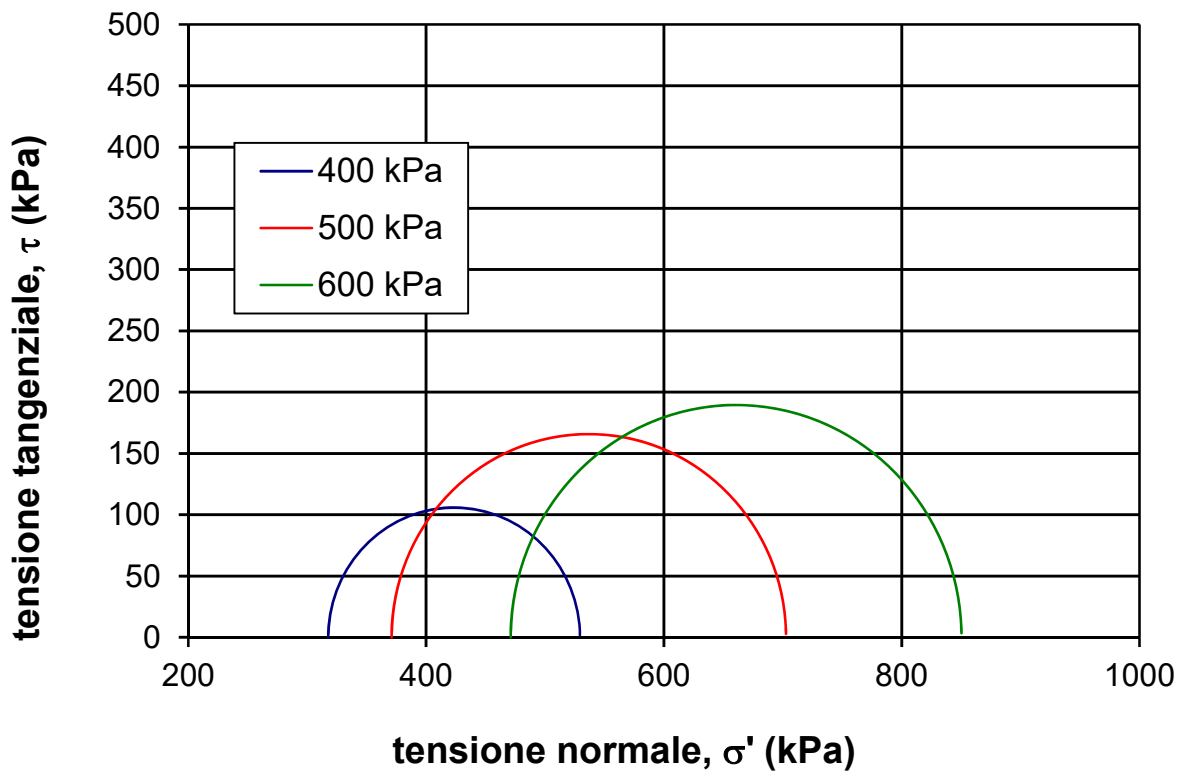
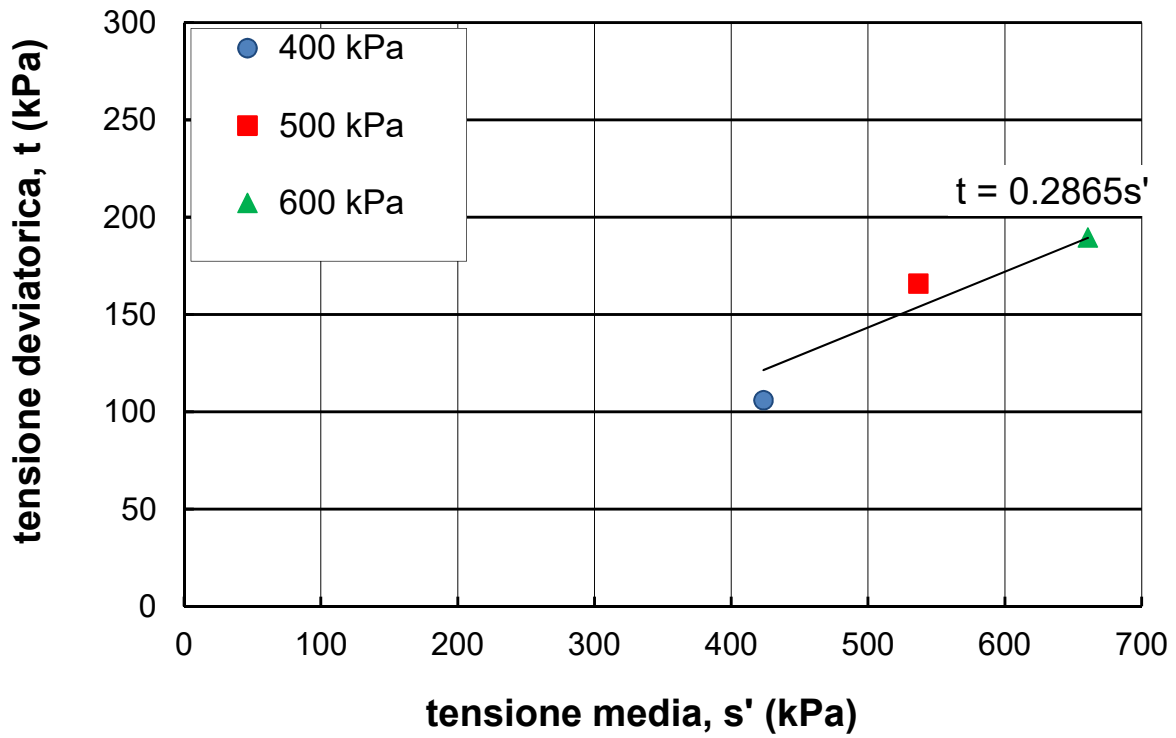
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