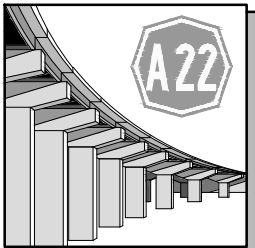


IL RESPONSABILE DEL PROCEDIMENTO  
dott. ing. Roberto Bosetti

# autostrada del brennero

PROGETTO DEFINITIVO PER LA REALIZZAZIONE  
DELLA TERZA CORSIA NEL TRATTO COMPRESO  
TRA VERONA NORD (KM 223) E L'INTERSEZIONE  
CON L'AUTOSTRADA A1 (KM 314)

1	ELABORATI GENERALI
2.3 15.	STUDI GEOLOGICI E GEOTECNICI Regione Emilia-Romagna Prove penetrometriche

0	MAR. 2021	EMISSIONE	ENGE0 S.r.l.	G. BERRERA	C. COSTA
REVISIONE:	DATA:	DESCRIZIONE:	REDAZIONE:	VERIFICA:	APPROVAZIONE:
DATA PROGETTO: LUGLIO 2009		<p><b>DIREZIONE TECNICA GENERALE</b></p>	<p>IL DIRETTORE TECNICO GENERALE E PROGETTISTA:</p> <p>ORDINE DEGLI INGEGNERI DELLA PROV. DI BOLZANO Dott. ing. <b>CARLO COSTA</b> Nr. 891 INGENIEURKAMMER DER PROVINZ BOZEN</p>		
NUMERO PROGETTO: 31/09					

Aprile  
2017

STUDIO GEOLOGICO, IDROGEOLOGICO E GEOTECNICO

AUTOSTRADA DEL BRENNERO S.p.A.  
BRENNERAUTOBHAN A.G.



**Realizzazione della terza corsia  
nel tratto compreso tra Verona  
nord (km 223) e l'intersezione con  
l'autostrada A1 (km 314)**

**Tratto Regione Emilia-Romagna**

**PROGETTO ESECUTIVO**

---

REPORT INDAGINI GEOGNOSTICHE  
PROVE PENETROMETRICHE

---

elaborato:

ER-GE.5.2

I Geologi:

**Dr. Carlo Caleffi**

**Dr. Francesco Cerutti**



**EN GEO** S.r.l.  
ENGINEERING GEOLOGY  
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E-mail: [info@engeo.it](mailto:info@engeo.it)



**PROVA PENETROMETRICA STATICA**  
**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

**CPT 5N**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	---	---	--	---	---	4,20	32,0	36,0	48,0	1,60	30,0
0,40	---	---	--	0,80	---	4,40	78,0	94,0	117,0	3,10	38,0
0,60	12,0	20,0	18,0	1,60	11,0	4,60	64,0	95,0	96,0	3,50	27,0
0,80	13,0	29,0	20,0	1,50	13,0	4,80	61,0	96,0	92,0	3,20	29,0
1,00	30,0	45,0	45,0	1,50	30,0	5,00	66,0	98,0	99,0	2,90	34,0
1,20	34,0	49,0	51,0	1,90	27,0	5,20	69,0	98,0	104,0	3,40	31,0
1,40	36,0	55,0	54,0	1,80	30,0	5,40	51,0	85,0	76,0	2,70	28,0
1,60	19,0	37,0	28,0	2,00	14,0	5,60	41,0	68,0	62,0	2,30	27,0
1,80	15,0	35,0	22,0	1,60	14,0	5,80	40,0	63,0	60,0	2,40	25,0
2,00	20,0	36,0	30,0	1,60	19,0	6,00	78,0	102,0	117,0	2,40	49,0
2,20	22,0	38,0	33,0	1,30	25,0	6,20	69,0	93,0	104,0	3,30	32,0
2,40	10,0	23,0	15,0	1,10	14,0	6,40	18,0	51,0	27,0	3,10	9,0
2,60	13,0	24,0	20,0	0,80	25,0	6,60	68,0	99,0	102,0	0,80	127,0
2,80	14,0	22,0	21,0	1,10	19,0	6,80	105,0	113,0	158,0	3,20	49,0
3,00	11,0	22,0	16,0	1,10	15,0	7,00	101,0	133,0	152,0	2,80	54,0
3,20	9,0	20,0	14,0	0,70	20,0	7,20	128,0	156,0	192,0	4,50	43,0
3,40	11,0	18,0	16,0	1,00	16,0	7,40	73,0	118,0	110,0	3,50	31,0
3,60	8,0	18,0	12,0	1,30	9,0	7,60	77,0	112,0	116,0	3,50	33,0
3,80	22,0	35,0	33,0	2,00	16,0	7,80	69,0	104,0	104,0	---	---
4,00	18,0	38,0	27,0	0,40	67,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 15 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann ø = 35.7 mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)

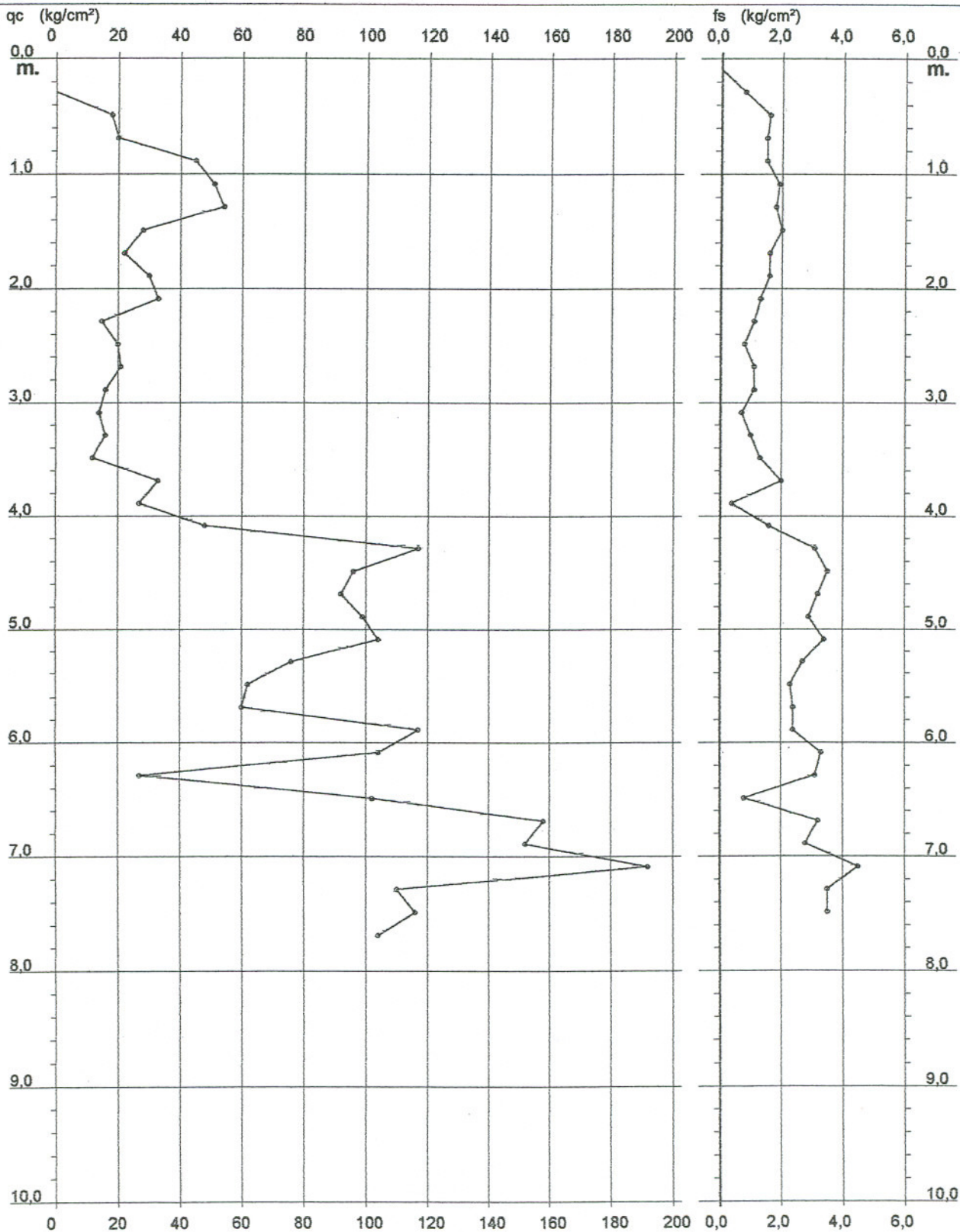
**PROVA PENETROMETRICA STATICA  
DIAGRAMMA DI RESISTENZA**

**CPT 5N**

2:01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- scala vert.: 1 : 50



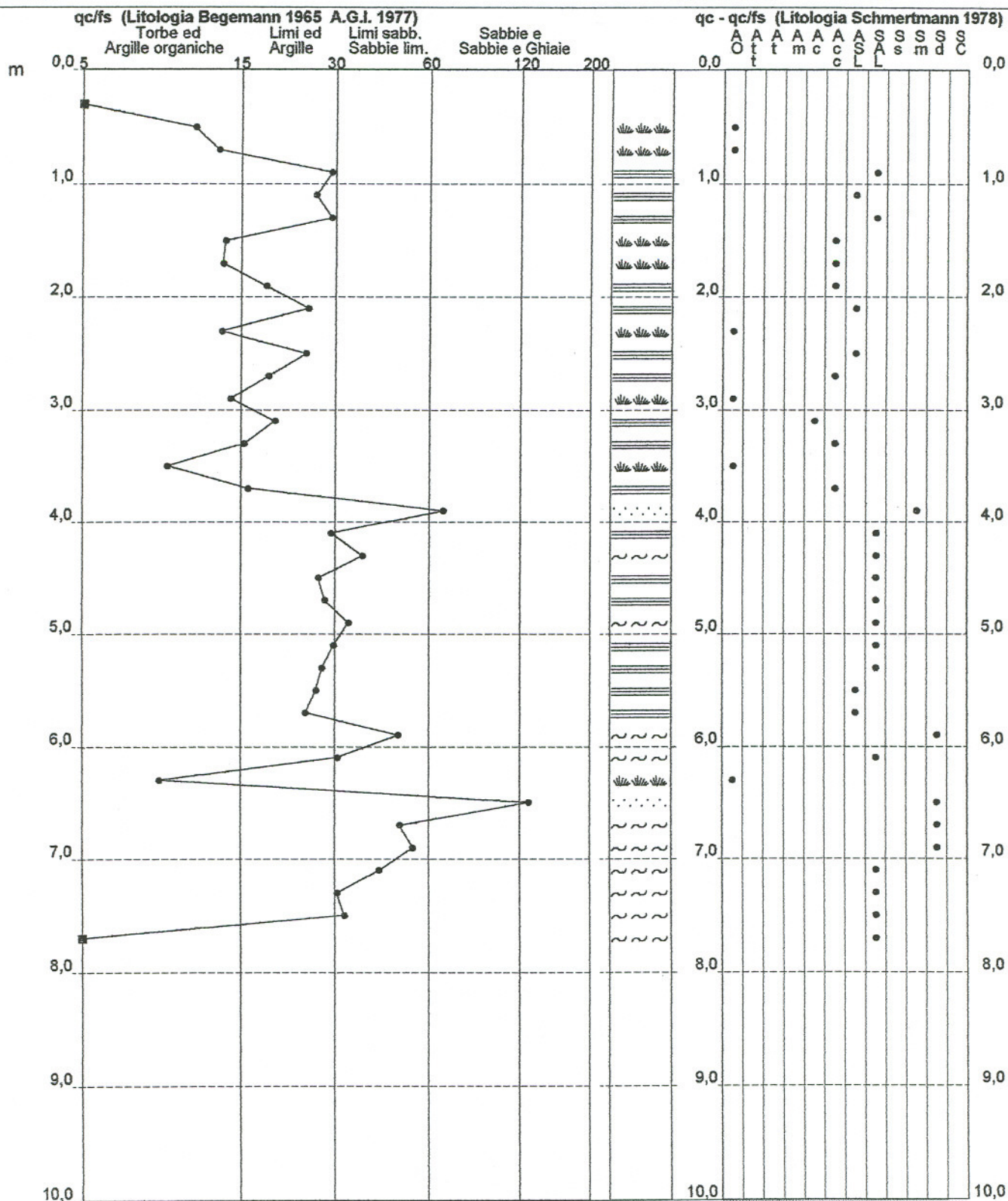
# PROVA PENETROMETRICA STATICA VALUTAZIONI LITOLOGICHE

## CPT 5N

2.01PG05-027

- committente : Autostrada A22
- lavoro : Costruzione piazzole sosta di emergenza
- località : Pegognaga-Reggiolo Rolo
- note :

- data : 27/02/1902
- quota inizio : Piano Campagna
- prof. falda : Falda non rilevata
- scala vert.: 1 : 50



**PROVA PENETROMETRICA STATICA  
TABELLA PARAMETRI GEOTECNICI**

**CPT 5N**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- localit  : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

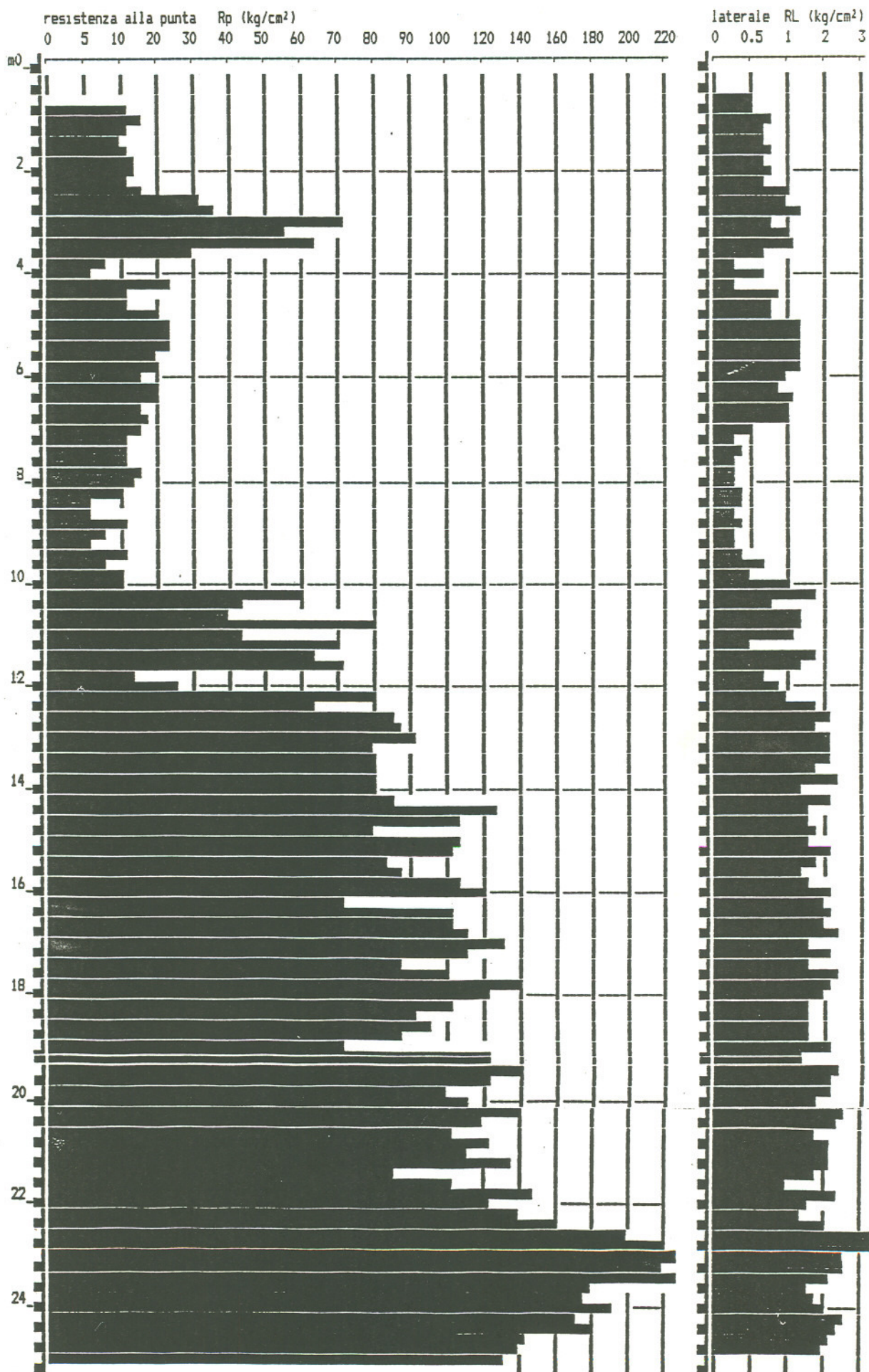
Prof. m	qc kg/cm <sup>2</sup>	qc/fs (-)	Natura Litol.	Y t/m <sup>3</sup>	d'vo kg/cm <sup>2</sup>	Cu kg/cm <sup>2</sup>	OCR (-)	NATURA COESIVA			NATURA GRANULARE																
								Eu50 kg/cm <sup>2</sup>	Eu25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>	Dr %	�1s (�)	�2s (�)	�3s (�)	�4s (�)	�dm (�)	�my (�)	Amax/g (-)	E'50 kg/cm <sup>2</sup>	E'25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>						
0,20	--	--	????	1,85	0,04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
0,40	--	--	????	1,85	0,07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
0,60	18	11	2/III	1,85	0,11	0,75	68,4	128	191	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
0,80	20	13	4/II	1,85	0,15	0,80	51,7	136	204	60	63	37	39	41	43	38	27	0,140	33	50	60	--	--	--	--	--	
1,00	45	30	4/II	1,85	0,19	1,50	85,9	255	383	135	86	40	42	43	45	41	31	0,209	75	113	135	--	--	--	--	--	
1,20	51	27	4/II	1,85	0,22	1,70	80,0	269	434	153	86	40	42	43	45	41	31	0,208	85	128	153	--	--	--	--	--	
1,40	54	30	4/II	1,85	0,26	1,80	70,8	306	459	162	84	40	41	43	45	40	31	0,202	90	135	162	--	--	--	--	--	
1,60	28	14	4/II	1,85	0,30	0,97	27,5	164	246	84	58	36	38	40	43	37	28	0,125	47	70	84	--	--	--	--	--	
1,80	22	14	4/II	1,85	0,33	0,85	20,1	144	216	66	47	35	37	39	42	35	28	0,096	37	55	66	--	--	--	--	--	
2,00	30	19	4/II	1,85	0,37	1,00	21,8	170	255	90	55	36	38	40	42	36	29	0,117	50	75	90	--	--	--	--	--	
2,20	33	25	4/II	1,85	0,41	1,10	21,8	187	281	99	56	36	38	40	42	36	29	0,119	55	83	99	--	--	--	--	--	
2,40	15	14	2/III	1,85	0,44	0,67	10,4	113	170	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,60	20	25	4/II	1,85	0,48	0,80	11,9	136	204	60	35	33	35	38	41	32	27	0,067	33	50	60	--	--	--	--	--	
2,80	21	19	4/II	1,85	0,52	0,82	11,2	140	210	63	34	33	35	38	41	32	27	0,067	35	53	63	--	--	--	--	--	
3,00	16	15	2/III	1,85	0,55	0,70	8,3	132	198	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,20	14	20	2/III	1,85	0,59	0,64	6,9	150	224	48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,40	16	16	2/III	1,85	0,63	0,70	7,1	157	235	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,60	12	9	2/III	1,85	0,67	0,57	5,2	163	274	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,80	33	16	4/II	1,85	0,70	1,10	11,0	187	281	99	42	34	36	39	41	33	29	0,086	55	83	99	--	--	--	--	--	
4,00	27	67	3:::	1,85	0,74	--	--	--	--	--	34	33	35	38	41	31	28	0,067	45	68	81	--	--	--	--	--	--
4,20	48	30	4/II	1,85	0,78	1,60	15,5	272	408	144	53	35	38	40	42	34	31	0,111	80	120	144	--	--	--	--	--	
4,40	117	38	3:::	1,85	0,81	--	--	--	--	--	82	40	41	43	45	39	35	0,198	195	293	351	--	--	--	--	--	--
4,60	96	27	4/II	1,85	0,85	3,20	32,9	544	816	288	75	38	40	42	44	38	34	0,173	160	240	288	--	--	--	--	--	
4,80	92	29	4/II	1,85	0,89	3,07	29,6	521	782	276	72	38	40	42	44	37	33	0,165	153	230	276	--	--	--	--	--	
5,00	99	34	3:::	1,85	0,93	--	--	--	--	--	74	38	40	42	44	37	34	0,170	165	248	297	--	--	--	--	--	--
5,20	104	31	3:::	1,85	0,96	--	--	--	--	--	74	38	40	42	44	37	34	0,172	173	260	312	--	--	--	--	--	--
5,40	76	28	4/II	1,85	1,00	2,53	20,1	431	646	228	63	37	39	41	43	35	33	0,138	127	190	228	--	--	--	--	--	
5,60	62	27	4/II	1,85	1,04	2,07	14,9	351	527	186	55	36	38	40	42	34	32	0,116	103	155	186	--	--	--	--	--	
5,80	60	25	4/II	1,85	1,07	2,00	13,7	340	510	180	53	35	38	40	42	34	32	0,111	100	150	180	--	--	--	--	--	
6,00	117	49	3:::	1,85	1,11	--	--	--	--	--	75	38	40	42	44	37	35	0,174	195	293	351	--	--	--	--	--	--
6,20	104	32	3:::	1,85	1,15	--	--	--	--	--	70	38	40	42	44	36	34	0,159	173	260	312	--	--	--	--	--	--
6,40	27	9	4/II	1,85	1,18	0,95	4,8	329	493	81	23	31	34	37	40	29	28	0,043	45	68	81	--	--	--	--	--	--
6,60	102	127	3:::	1,85	1,22	--	--	--	--	--	68	37	39	41	43	38	34	0,153	170	255	306	--	--	--	--	--	--
6,80	158	49	3:::	1,85	1,26	--	--	--	--	--	82	39	41	43	45	38	36	0,197	263	395	474	--	--	--	--	--	--
7,00	152	54	3:::	1,85	1,30	--	--	--	--	--	80	39	41	43	44	38	36	0,190	253	380	458	--	--	--	--	--	--
7,20	192	43	3:::	1,85	1,33	--	--	--	--	--	87	40	42	43	45	39	37	0,214	320	480	576	--	--	--	--	--	--
7,40	110	31	3:::	1,85	1,37	--	--	--	--	--	68	37	39	41	43	36	34	0,152	183	275	330	--	--	--	--	--	--
7,60	116	33	3:::	1,85	1,41	--	--	--	--	--	69	38	40	41	44	36	35	0,155	193	290	348	--	--	--	--	--	--
7,80	104	--	3:::	1,85	1,44	--	--	--	--	--	64	37	39	41	43	35	34	0,143	173	260	312	--	--	--	--	--	--

PROVA PENETROMETR.STATICA CPT 1  
DIAGRAMMI DI RESISTENZA RZ-6P-89

RE-CPT2

PENETROMETRO STATICO tipo GOUDA da 10 t  
Committente : SEPI S.P.A.  
Località : CASELLO AUTOSTRADALE DI REGGIOLO (RE)

data : 28/7/1993  
quota inizio : PIANO CAMPAGNA  
prof. falda = 1.60 m da quota inizio  
scala profondità  $\approx$  1 : 100

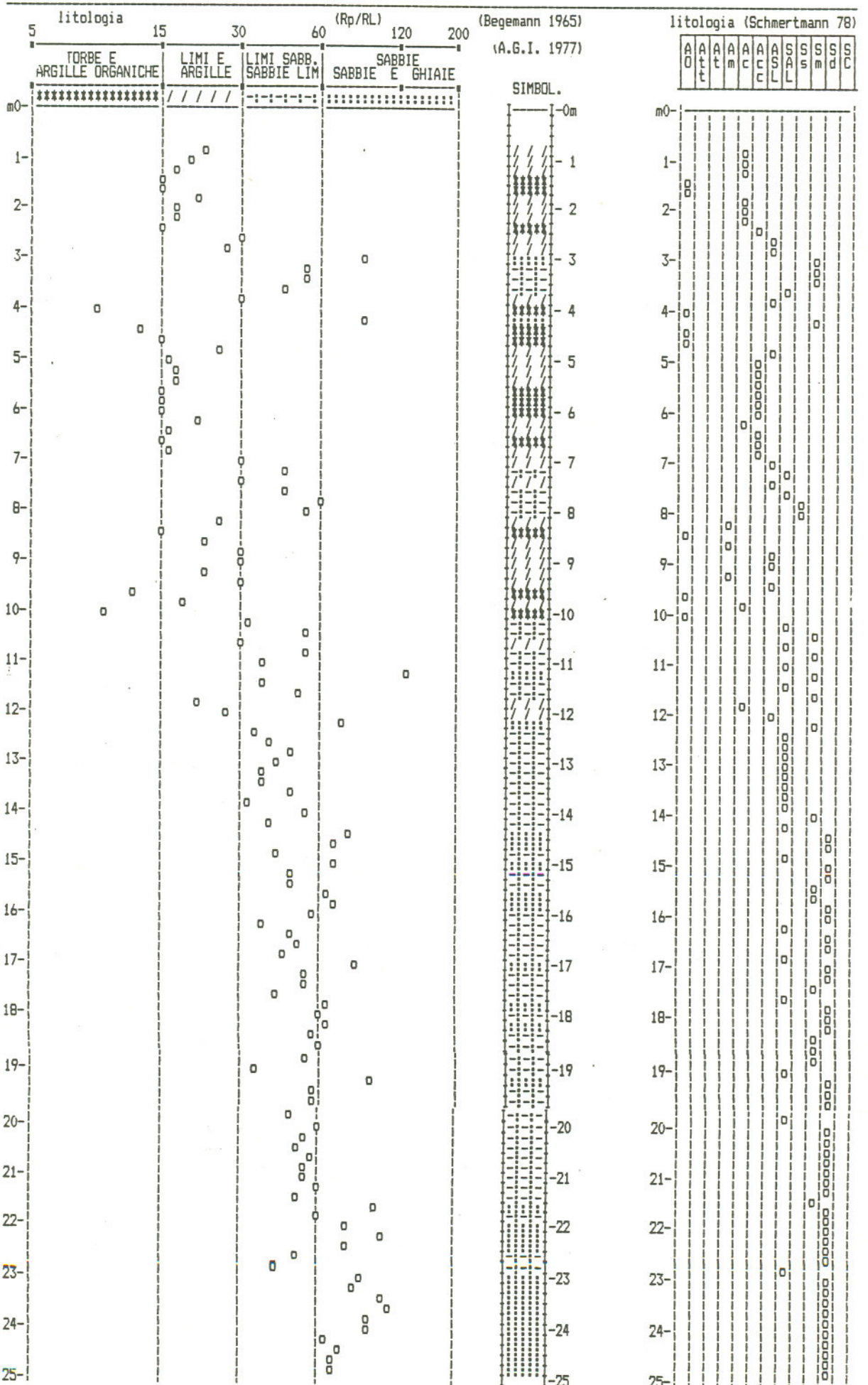




**PROVA PENETROMETR. STATICA CPT 1**  
**VALUTAZIONI LITOLOGICHE RZ-GP-89**

PENETROMETRO STATICO tipo GOUDA da 10 t  
 Committente : SEPI S.P.A.  
 Località : CASELLO AUTOSTRADEALE DI REGGIOLO (RE)

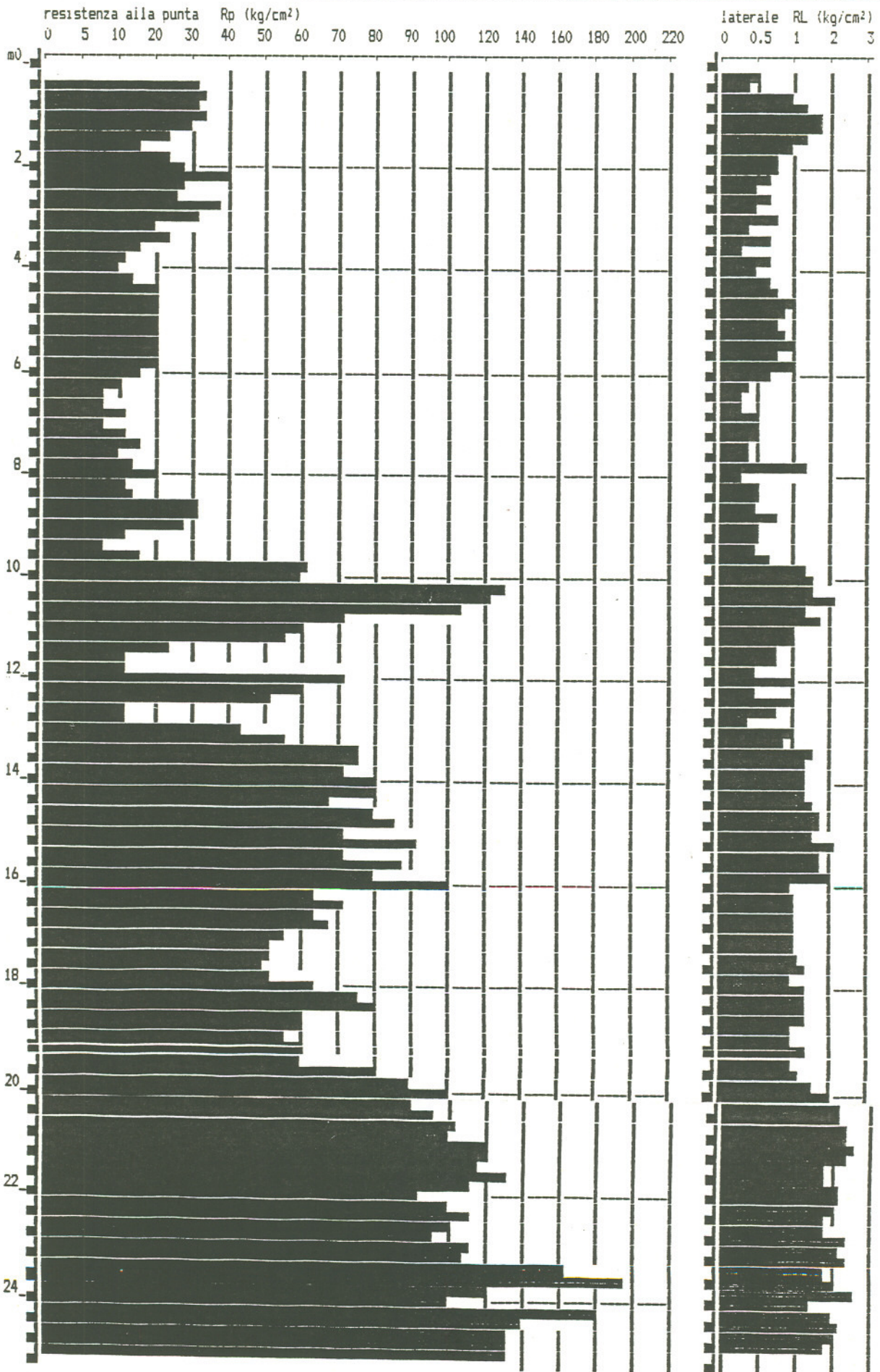
data : 28/7/1993  
 quota inizio : PIANO CAMPAGNA  
 prof. falda = 1.60 m da quota inizio  
 scala profondità ≈ 1 : 100





PENETROMETRO STATICO tipo GOUDA da 10 t  
 Committente : SEPI S.P.A.  
 Località : CASELLO AUTOSTRADALE DI REGGIOLO (RE)

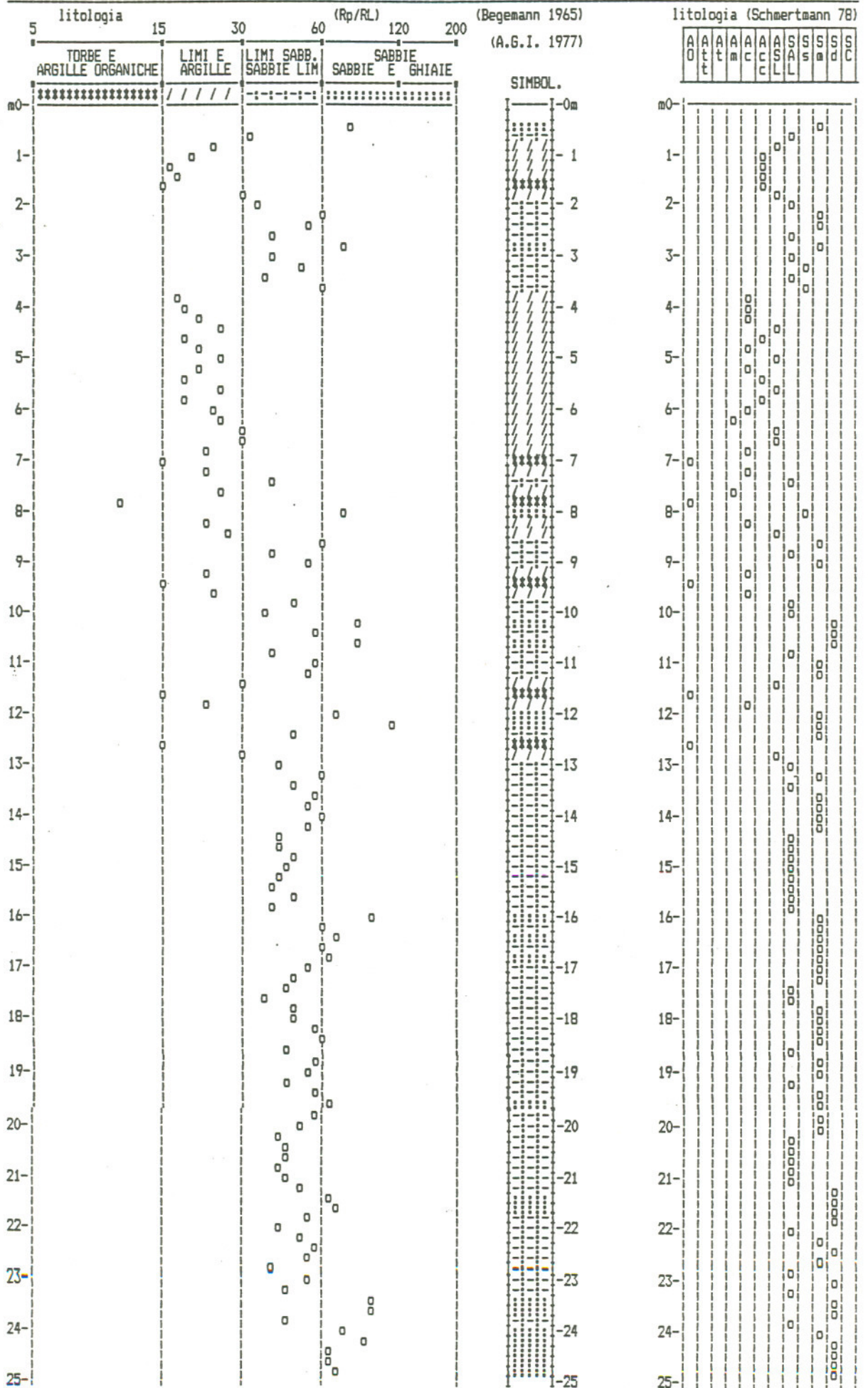
data : 28/7/1993  
 quota inizio : PIANO CAMPAGNA  
 prof. falda = 1.60 m da quota inizio  
 scala profondità ≈ 1 : 100



**PROVA PENETROMETR. STATICA CPT 2**  
**VALUTAZIONI LITOLOGICHE** RZ-6P-89

PENETROMETRO STATICO tipo GOUDA da 10 t  
 Committente : SEPI S.P.A.  
 Località : CASELLO AUTOSTRADALE DI REGGIOLO (RE)

data : 28/7/1993  
 quota inizio : PIANO CAMPAGNA  
 prof. falda = 1.60 m da quota inizio  
 scala profondità ≈ 1 : 100



PROVA PENETROMETRICA STATICA CPT 2  
 PARAM. GEOTECNICI tabelle RZ-GP-89

PENETROMETRO STATICO tipo GOUNDA da 10 t

Committente : SEPI S.P.A.

Località : CASELLO AUTOSTRADALE DI REGGIOLO (RE)

data : 28/7/1993

quota inizio : PIANO CAMPAGNA

prof. falda = 1.60 m da quota inizio

NATURA COESIVA

NATURA GRANULARE

prof. (m)	Rp kg/cm <sup>2</sup>	Rp/RL (-)	NATURA LITOL.	γ' t/m <sup>3</sup>	γ' <sub>vo</sub> kg/cm <sup>2</sup>	Cu kg/cm <sup>2</sup>	OCR (-)	Eu50 kg/cm <sup>2</sup>	Eu25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>	Dr %	#1s (°)	#2s (°)	#3s (°)	#4s (°)	#dm (°)	#my (°)	Amax/g (-)	E'50 kg/cm <sup>2</sup>	E'25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>	
0.20	-	-	U1	1.85	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.40	32	80	U1	1.85	0.07	-	-	-	-	-	94	41	43	44	44	43	29	0.245	53	80	94	
0.60	32	32	U1	1.85	0.11	-	-	-	-	-	89	40	42	43	45	42	29	0.218	57	85	102	
0.80	32	24	U1	1.85	0.15	1.07	74	181	272	96	79	39	41	43	44	40	29	0.188	53	85	96	
1.00	34	20	U1	1.85	0.19	1.13	60.5	193	289	102	74	39	40	42	44	40	29	0.178	57	85	102	
1.20	30	24	U1	1.85	0.22	1.00	41	170	255	70	56	37	39	41	42	38	29	0.151	50	75	90	
1.40	24	18	U1	1.85	0.26	0.89	29.3	151	227	72	56	36	38	40	42	37	29	0.119	40	60	72	
1.60	16	14	U1	1.85	0.28	0.70	19.7	118	177	52	51	36	38	40	42	35	28	-	-	-	-	
1.80	28	30	U1	1.85	0.30	0.89	24.7	151	227	72	55	35	38	40	42	36	28	0.111	40	60	72	
2.00	40	40	U1	1.85	0.31	-	-	-	-	-	55	35	38	40	42	36	28	0.121	47	70	84	
2.20	40	40	U1	1.85	0.33	-	-	-	-	-	57	35	38	40	42	36	28	0.151	40	60	72	
2.40	28	32	U1	1.85	0.35	-	-	-	-	-	50	35	38	40	42	35	28	0.114	47	70	84	
2.60	26	32	U1	1.85	0.37	-	-	-	-	-	50	35	38	40	42	35	28	0.104	43	65	78	
2.80	38	71	U1	1.85	0.38	-	-	-	-	-	62	37	39	41	43	37	30	0.134	63	95	114	
3.00	32	40	U1	1.85	0.40	-	-	-	-	-	55	35	38	40	42	36	29	0.117	40	60	72	
3.20	20	30	U1	1.85	0.42	0.80	14.0	136	204	60	43	34	38	41	43	33	27	0.073	33	50	60	
3.40	24	36	U1	1.85	0.44	0.70	10.4	118	177	52	28	33	35	37	40	31	27	0.087	27	40	48	
3.60	18	24	U1	1.85	0.46	0.50	7.9	84	128	50	35	34	36	38	40	31	27	0.054	-	-	-	
3.80	18	18	U1	1.85	0.49	0.50	6.4	84	128	50	35	34	36	38	40	31	27	-	-	-	-	
4.00	10	10	U1	1.85	0.49	0.64	8.2	122	183	51	32	33	35	37	40	31	27	-	-	-	-	
4.20	14	21	U1	1.85	0.53	0.80	10.5	136	204	60	33	34	36	38	41	32	27	0.042	-	-	-	
4.40	14	21	U1	1.85	0.55	0.80	10.1	136	204	60	33	34	36	38	41	32	27	0.061	-	-	-	
4.60	20	20	U1	1.85	0.57	0.80	9.7	137	206	60	33	34	36	38	41	32	27	0.059	-	-	-	
4.80	20	20	U1	1.85	0.59	0.70	6.5	175	243	60	31	32	34	36	38	40	31	0.057	-	-	-	
5.00	20	20	U1	1.85	0.60	0.80	8.9	143	215	60	29	30	32	34	36	38	40	0.054	-	-	-	
5.20	20	20	U1	1.85	0.62	0.80	8.0	148	221	60	28	29	31	33	35	37	40	0.054	-	-	-	
5.40	20	20	U1	1.85	0.64	0.80	8.0	153	228	60	28	29	31	33	35	37	40	0.053	-	-	-	
5.60	20	20	U1	1.85	0.66	0.80	8.0	158	238	60	27	28	30	32	34	36	38	0.051	-	-	-	
5.80	20	20	U1	1.85	0.68	0.70	6.5	175	243	60	27	28	30	32	34	36	38	-	-	-	-	
6.00	14	24	U1	1.85	0.70	0.50	4.4	195	292	50	0	0	0	0	0	0	0	0.000	-	-	-	
6.20	8	8	U1	1.85	0.71	0.40	3.0	196	294	44	0	0	0	0	0	0	0	0.000	-	-	-	
6.40	8	8	U1	1.85	0.73	0.40	3.0	199	298	44	0	0	0	0	0	0	0	0.000	-	-	-	
6.60	12	22	U1	1.85	0.75	0.57	4.5	209	313	52	0	0	0	0	0	0	0	0.000	-	-	-	
6.80	12	18	U1	1.85	0.77	0.40	2.8	204	306	46	0	0	0	0	0	0	0	-	-	-	-	
7.00	12	18	U1	1.85	0.78	0.57	4.2	219	329	52	14	30	33	36	39	28	27	0.028	-	-	-	
7.20	12	18	U1	1.85	0.80	0.70	5.3	220	329	52	14	30	33	36	39	28	27	0.028	-	-	-	
7.40	16	22	U1	1.85	0.82	0.50	3.4	230	346	50	11	31	34	37	40	30	27	-	-	-	-	
7.60	14	11	U1	1.85	0.84	0.64	4.4	234	351	50	11	31	34	37	40	30	27	-	-	-	-	
7.80	14	11	U1	1.85	0.84	0.50	3.4	230	346	50	11	31	34	37	40	30	27	-	-	-	-	
8.00	12	18	U1	1.85	0.86	0.60	4.6	242	365	60	11	31	34	37	40	30	27	0.039	-	-	-	
8.20	12	18	U1	1.85	0.88	0.50	3.4	247	371	51	11	31	34	37	40	30	27	-	-	-	-	
8.40	14	22	U1	1.85	0.89	0.64	4.1	250	375	51	11	31	34	37	40	30	27	-	-	-	-	
8.60	32	40	U1	1.85	0.91	-	-	-	-	-	35	33	35	38	41	31	29	0.049	-	-	-	
8.80	32	40	U1	1.85	0.93	-	-	-	-	-	35	33	35	38	41	31	29	0.048	-	-	-	
9.00	28	32	U1	1.85	0.95	0.57	3.5	270	404	55	30	32	35	38	41	31	29	0.057	-	-	-	
9.20	22	22	U1	1.85	0.97	0.40	2.0	223	335	44	30	32	35	38	41	31	29	-	-	-	-	
9.40	8	8	U1	1.85	0.98	0.70	4.0	280	420	52	30	32	35	38	41	31	29	-	-	-	-	
9.60	16	24	U1	1.85	1.00	0.70	4.0	280	420	52	30	32	35	38	41	31	29	-	-	-	-	
9.80	62	47	U1	1.85	1.02	-	-	-	-	-	55	35	38	40	42	34	32	0.117	103	155	186	
10.00	60	40	U1	1.85	1.04	0.93	1.04	300	450	60	50	35	38	40	42	34	32	0.113	100	150	180	
10.20	60	40	U1	1.85	1.06	1.05	1.06	310	460	60	50	35	38	40	42	34	32	0.119	100	150	180	
10.40	72	58	U1	1.85	1.08	1.05	1.08	310	460	60	50	35	38	40	42	34	32	0.130	110	160	190	
10.60	108	81	U1	1.85	1.10	1.01	1.10	320	480	60	72	38	40	42	44	37	34	0.144	180	270	324	
10.80	72	59	U1	1.85	1.12	0.95	1.12	330	490	60	58	38	40	42	44	37	34	0.125	120	180	216	
11.00	60	40	U1	1.85	1.14	0.93	1.14	340	500	60	51	35	38	40	42	34	32	0.107	100	150	180	
11.20	54	36	U1	1.85	1.16	0.89	1.16	328	493	72	48	35	38	40	42	34	32	0.100	93	140	168	
11.40	34	30	U1	1.85	1.18	0.57	2.5	305	454	48	19	31	34	37	40	30	28	0.054	-	-	-	
11.60	12	12	U1	1.85	1.21	0.57	2.4	305	454	48	19	31	34	37	40	30	28	0.054	-	-	-	
11.80	12	12	U1	1.85	1.23	0.57	2.5	305	454	48	19	31	34	37	40	30	28	0.054	-	-	-	
12.00	72	60	U1	1.85	1.25	0.93	1.25	310	460	60	54	36	38	40	42	34	32	0.119	120	180	216	
12.20	60	40	U1	1.85	1.27	0.93	1.27	310	460	60	54	36	38	40	42	34	32	0.101	100	150	180	
12.40	60	40	U1	1.85	1.29	0.93	1.29	310	460	60	54	36	38	40	42	34	32	0.088	87	130	154	
12.60	12	12	U1	1.85	1.31	0.57	2.3	311	467	52	44	34	36	38	40	31	29	-	-	-	-	
12.80	12	12	U1	1.85	1.32	0.57	2.2	312	469	52	44	34	36	38	40	31	29	-	-	-	-	
13.00	44	41	U1	1.85	1.33	0.91	1.33	310	460	60	55	35	38	40	42	34	32	0.091	97	140	168	
13.20	54	60	U1	1.85	1.34	0.93	1.34	310	460	60	55	35	38	40	42	34	32	0.073	73	110	132	
13.40	68	74	U1	1.85	1.36	0.94	1.36	310	460	60	55	35	38	40	42	34	32	0.117	127	190	228	
13.60	74	57	U1	1.85	1.38	0.94	1.38	310	460	60	55	35	38	40	42	34	32	0.118	127	190	228	
13.80	72	54	U1	1.85	1.40	0.95	1.40	310	460	60	55	35	38	40	42	34	32	0.110	120	180	216	
14.00	80	58	U1	1.85	1.42	0.97	1.42	310	460</													

**PROVA PENETROMETRICA STATICA**  
**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

**CPT 8S**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

Prof. m	Letture di campagna		qc	fs	qc/fs	Prof. m	Letture di campagna		qc	fs	qc/fs
	punta	laterale	kg/cm <sup>2</sup>				punta	laterale	kg/cm <sup>2</sup>		
0,20	---	---	--	---	---	5,20	11,0	20,0	16,0	1,40	11,0
0,40	---	---	--	1,10	---	5,40	18,0	32,0	27,0	1,90	14,0
0,60	20,0	31,0	30,0	2,60	12,0	5,60	32,0	51,0	48,0	9,20	5,0
0,80	15,0	41,0	22,0	1,40	16,0	5,80	18,0	110,0	27,0	1,20	22,0
1,00	14,0	28,0	21,0	1,40	15,0	6,00	11,0	23,0	16,0	0,10	160,0
1,20	8,0	22,0	12,0	1,10	11,0	6,20	20,0	21,0	30,0	1,40	21,0
1,40	6,0	17,0	9,0	0,70	13,0	6,40	13,0	27,0	20,0	1,00	20,0
1,60	5,0	12,0	8,0	0,40	20,0	6,60	14,0	24,0	21,0	1,20	17,0
1,80	7,0	11,0	10,0	0,50	20,0	6,80	15,0	27,0	22,0	1,20	18,0
2,00	7,0	12,0	10,0	0,80	12,0	7,00	18,0	30,0	27,0	1,60	17,0
2,20	11,0	19,0	16,0	0,80	20,0	7,20	15,0	31,0	22,0	1,70	13,0
2,40	19,0	27,0	28,0	1,60	17,0	7,40	18,0	35,0	27,0	1,70	16,0
2,60	22,0	38,0	33,0	1,80	18,0	7,60	19,0	36,0	28,0	1,90	15,0
2,80	20,0	38,0	30,0	1,50	20,0	7,80	19,0	38,0	28,0	1,80	16,0
3,00	24,0	39,0	36,0	2,00	18,0	8,00	20,0	38,0	30,0	1,60	19,0
3,20	20,0	40,0	30,0	2,00	15,0	8,20	18,0	34,0	27,0	1,40	19,0
3,40	26,0	46,0	39,0	1,70	23,0	8,40	12,0	26,0	18,0	1,10	16,0
3,60	21,0	38,0	32,0	1,70	19,0	8,60	7,0	18,0	10,0	0,40	25,0
3,80	22,0	39,0	33,0	2,00	16,0	8,80	12,0	16,0	18,0	1,50	12,0
4,00	21,0	41,0	32,0	1,60	20,0	9,00	16,0	31,0	24,0	1,60	15,0
4,20	17,0	33,0	26,0	1,20	22,0	9,20	23,0	39,0	34,0	2,10	16,0
4,40	13,0	25,0	20,0	1,00	20,0	9,40	23,0	44,0	34,0	1,60	21,0
4,60	9,0	19,0	14,0	0,60	23,0	9,60	24,0	40,0	36,0	2,10	17,0
4,80	9,0	15,0	14,0	0,60	23,0	9,80	26,0	47,0	39,0	---	---
5,00	11,0	17,0	16,0	0,90	18,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 15 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann  $\phi = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)



# PROVA PENETROMETRICA STATICA

secondo Raccomandazioni AGI (1977)

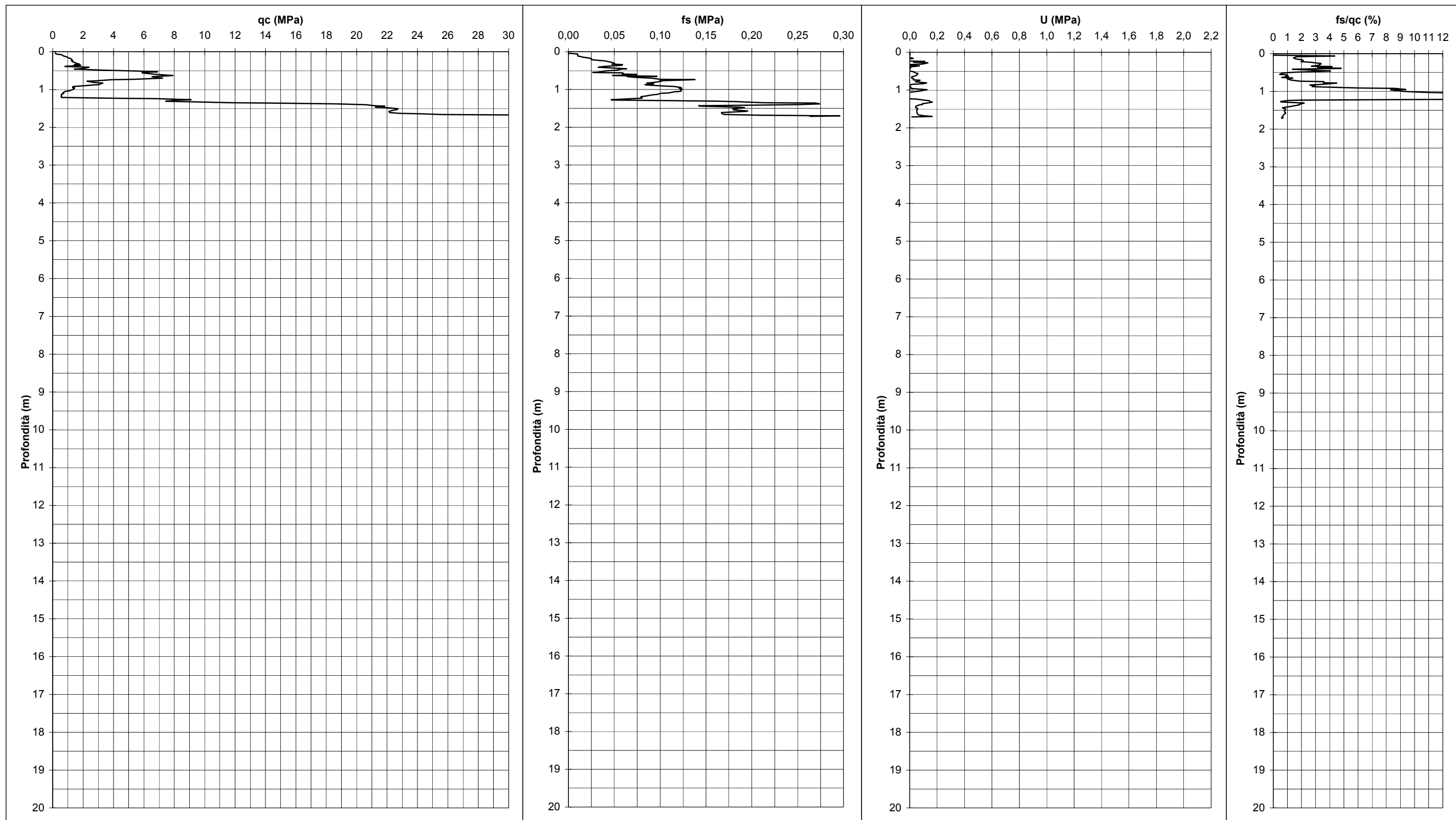
Data	apr-07	Certificato N°	C01474	COMM.	004CM07	PAG.	1	DI	1	Verbale di accettazione
Sperimentatore	P. I. E. Calore			Il Direttore	Dott. Geol. V. Vicenzetto			C004/07		

COMMITTENTE:	AUTOSTRADA DEL BRENNERO S. p. A.		
CANTIERE:	TERZA CORSIA A22, TRATTO VERONA - MODENA		
PROVA N°:	CPT 8	DATA PROVA	22/03/2007
OPERATORE	P.I. E. CALORE		

Punta	M 18	Quota p.c.:	-	m.s.l.m.	Coordinate	X	-	Y	-
Preforo	-	m	Livello acqua	-	m da p.c.	Profondità finale	1,71	m da p.c.	

NOTE Prova terminata "a rifiuto" per valori di qc a fondo scala.

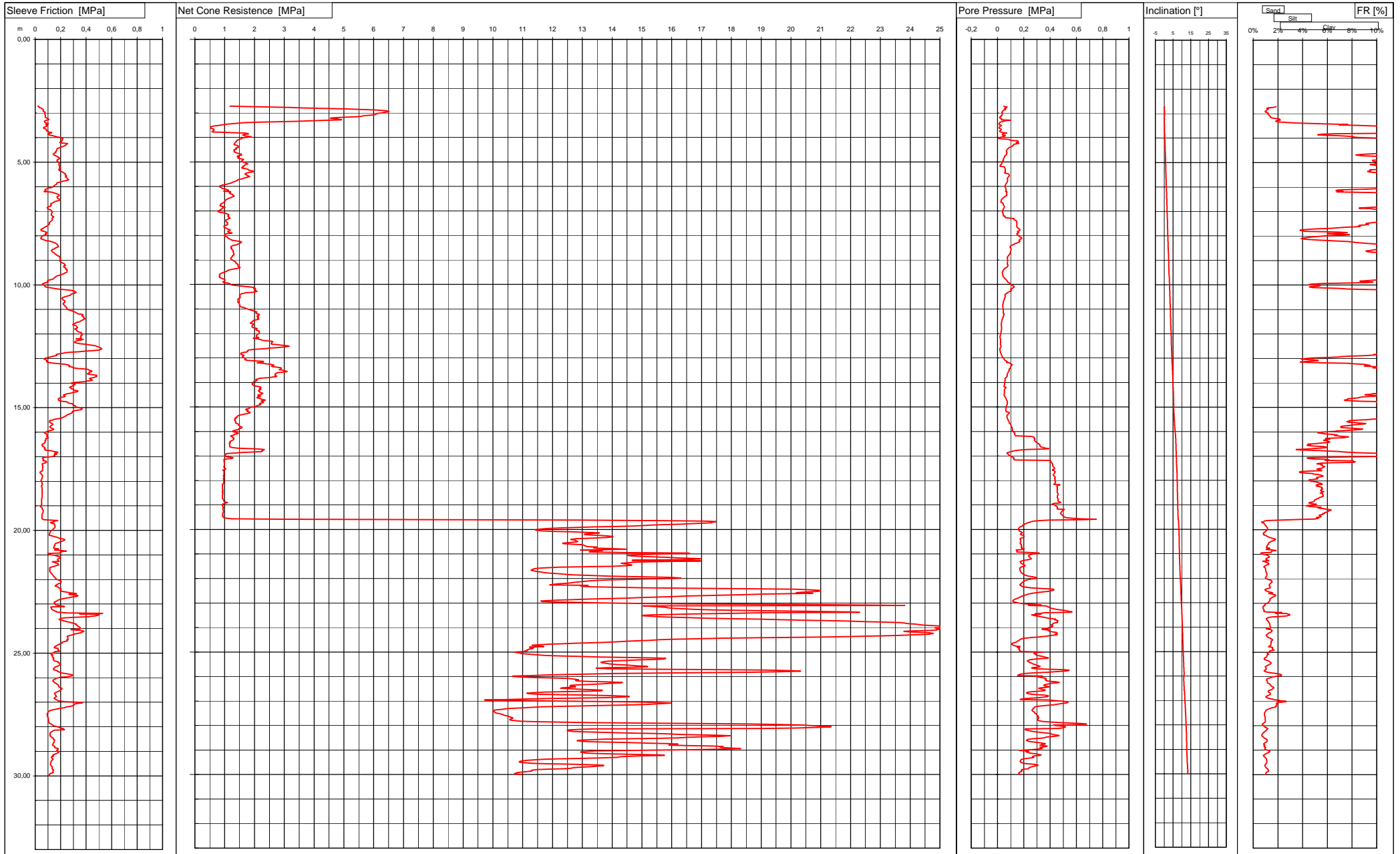
VICENZETTO S.r.l. 35040 VILLA ESTENSE (PD) VIA MUNICIPIO N° 18 TEL.0429/91798 FAX 0429/91200



Committente AUTOSTRADA DEL BRENNERO  
 Località PIAZZOLA SUD KM.287+223  
 Cantiere TERZA C  
 Operatore Dr. Stanzani  
 Prova nr. CPTU24 Cert. N.556/15  
 Data 28/10/15 Emesso il 28/10/15  
 Falda 2,20 ml  
 Preforo 2.70 m. p.c.

## RE-CPTU2


  
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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova CPTU24

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2,72	1,18	22,23	48,60
2,74	1,72	28,75	52,69
2,76	2,44	30,05	73,73
2,78	3,14	34,83	69,05
2,80	3,75	46,56	56,20
2,82	4,41	53,08	62,63
2,84	5,07	57,43	53,28
2,86	5,69	63,08	61,45
2,88	6,07	65,25	48,02
2,90	6,28	61,33	43,93
2,92	6,45	62,63	42,76
2,94	6,51	66,11	37,50
2,96	6,47	76,54	35,17
2,98	6,35	78,28	32,24
3,00	6,26	75,23	36,92
3,02	6,13	75,67	35,17
3,04	6,09	75,23	36,33
3,06	6,07	77,84	35,17
3,08	6,00	80,01	34,58
3,10	5,84	80,01	34,58
3,12	5,65	80,01	25,82
3,14	5,58	78,26	26,99
3,16	5,35	78,26	22,32
3,18	4,99	80,44	16,47
3,20	4,59	86,52	17,64
3,22	4,55	98,69	21,73
3,24	4,75	103,04	30,49
3,26	4,82	108,69	32,83
3,28	4,93	99,12	30,49
3,30	4,42	81,68	99,43
3,32	3,99	76,47	63,79
3,34	3,41	72,12	43,34
3,36	2,76	74,29	30,49
3,38	2,14	77,33	21,73
3,40	1,68	82,12	15,89
3,42	1,44	89,94	12,97
3,44	1,26	104,29	11,22
3,46	1,10	82,55	10,63
3,48	0,94	86,90	14,72
3,50	0,86	89,51	25,82
3,52	0,74	95,59	30,49
3,54	0,62	89,94	24,07
3,56	0,55	76,90	15,89
3,58	0,53	68,20	12,97
3,60	0,53	66,03	12,97
3,62	0,54	64,72	13,55
3,64	0,57	76,46	18,22
3,66	0,63	85,15	25,23
3,68	0,64	89,50	28,74
3,70	0,64	89,07	25,23

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,72	0,63	87,33	20,56
3,74	0,60	94,28	17,06
3,76	0,58	102,98	17,64
3,78	0,60	110,80	24,07
3,80	1,10	130,80	36,92
3,82	1,69	120,80	69,64
3,84	1,77	104,28	51,53
3,86	1,80	99,50	42,18
3,88	1,67	101,67	36,33
3,90	1,60	117,32	38,09
3,92	1,64	138,19	60,29
3,94	1,67	147,76	56,20
3,96	1,85	162,97	44,52
3,98	1,90	180,80	34,58
4,00	1,73	204,28	23,48
4,02	1,60	215,15	12,38
4,04	1,55	218,62	8,88
4,06	1,55	212,10	38,67
4,08	1,50	213,84	86,58
4,10	1,44	212,54	93,00
4,12	1,41	209,93	100,60
4,14	1,40	208,62	152,59
4,16	1,40	207,75	159,02
4,18	1,38	200,36	156,10
4,20	1,37	192,97	147,92
4,22	1,36	199,49	143,24
4,24	1,34	254,28	161,94
4,26	1,34	249,49	143,24
4,28	1,31	242,97	129,22
4,30	1,34	241,23	121,05
4,32	1,40	238,19	118,71
4,34	1,44	228,62	119,29
4,36	1,44	219,49	112,87
4,38	1,49	207,32	104,69
4,40	1,49	194,28	97,10
4,42	1,40	188,19	87,16
4,44	1,37	176,02	80,74
4,46	1,40	172,54	78,98
4,48	1,40	168,62	76,06
4,50	1,33	169,06	73,14
4,52	1,30	168,19	70,22
4,54	1,33	166,45	69,05
4,56	1,33	164,71	67,30
4,58	1,31	159,93	67,89
4,60	1,33	162,10	70,22
4,62	1,37	156,88	72,56
4,64	1,41	149,93	70,80
4,66	1,48	144,27	70,22
4,68	1,55	140,36	69,05
4,70	1,56	145,14	67,89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,72	1,56	150,80	64,96
4,74	1,50	161,23	58,54
4,76	1,43	168,62	54,44
4,78	1,42	177,32	53,86
4,80	1,48	180,80	53,86
4,82	1,46	188,62	51,53
4,84	1,44	192,53	48,60
4,86	1,49	189,93	45,10
4,88	1,58	183,84	44,52
4,90	1,64	175,14	46,27
4,92	1,61	171,66	47,44
4,94	1,60	171,66	44,52
4,96	1,58	173,41	41,01
4,98	1,55	178,62	38,09
5,00	1,62	184,71	37,50
5,02	1,65	189,49	35,75
5,04	1,70	187,32	34,58
5,06	1,73	189,49	33,42
5,08	1,78	186,01	31,66
5,10	1,73	188,19	28,74
5,12	1,68	186,89	24,65
5,14	1,67	190,36	21,15
5,16	1,65	194,28	19,39
5,18	1,61	193,41	19,98
5,20	1,63	196,90	53,86
5,22	1,59	189,95	53,28
5,24	1,57	190,38	54,44
5,26	1,61	195,60	56,78
5,28	1,72	192,99	58,54
5,30	1,78	185,16	60,29
5,32	1,79	188,64	60,29
5,34	1,81	189,51	57,95
5,36	1,91	194,73	56,20
5,38	1,96	204,30	59,70
5,40	1,96	213,86	60,87
5,42	1,87	222,12	56,78
5,44	1,78	225,60	53,28
5,46	1,73	231,25	55,03
5,48	1,69	239,08	80,15
5,50	1,68	236,47	86,00
5,52	1,73	235,17	87,16
5,54	1,75	242,56	89,50
5,56	1,75	246,90	89,50
5,58	1,81	243,43	89,50
5,60	1,85	237,34	84,82
5,62	1,78	243,43	80,74
5,64	1,73	248,64	78,40
5,66	1,65	253,00	76,06
5,68	1,60	254,73	74,89
5,70	1,54	256,91	75,48

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova CPTU24

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,72	1,48	263,00	77,23
5,74	1,43	252,13	77,23
5,76	1,42	235,17	76,65
5,78	1,37	218,65	76,06
5,80	1,35	204,73	75,48
5,82	1,27	186,91	73,14
5,84	1,25	175,17	71,39
5,86	1,23	168,65	69,64
5,88	1,15	168,65	66,13
5,90	1,11	168,21	63,79
5,92	1,03	161,26	61,45
5,94	0,95	155,17	59,70
5,96	0,88	149,52	58,54
5,98	0,84	144,74	57,37
6,00	0,83	139,09	57,95
6,02	0,84	135,17	57,95
6,04	0,87	120,39	59,12
6,06	0,89	103,87	61,45
6,08	0,91	92,13	62,63
6,10	0,99	83,87	63,79
6,12	1,06	77,79	65,55
6,14	1,09	78,22	65,55
6,16	1,12	82,57	65,55
6,18	1,13	89,09	63,21
6,20	0,97	70,40	60,29
6,22	1,20	128,68	71,97
6,24	1,20	140,42	70,80
6,26	1,16	149,99	69,64
6,28	1,16	166,95	69,05
6,30	1,20	176,51	69,05
6,32	1,26	180,86	70,22
6,34	1,27	189,56	71,39
6,36	1,28	190,43	70,80
6,38	1,31	182,17	66,13
6,40	1,31	175,21	59,70
6,42	1,28	171,73	54,44
6,44	1,22	172,60	49,19
6,46	1,20	175,21	45,10
6,48	1,15	179,99	41,01
6,50	1,11	185,65	38,09
6,52	1,08	192,60	34,58
6,54	1,05	193,47	31,66
6,56	1,03	187,82	29,33
6,58	1,01	173,91	28,16
6,60	1,01	159,56	27,57
6,62	0,99	149,56	26,40
6,64	0,99	142,61	26,40
6,66	0,97	136,95	34,00
6,68	0,92	127,82	41,01
6,70	0,90	120,43	41,59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,72	0,87	122,61	41,59
6,74	0,87	125,22	43,93
6,76	0,86	128,26	46,27
6,78	0,84	124,78	48,02
6,80	0,87	116,09	50,36
6,82	0,94	103,91	52,11
6,84	0,98	96,09	52,69
6,86	1,01	94,78	50,94
6,88	0,92	97,39	49,19
6,90	0,92	99,57	47,44
6,92	0,90	106,96	44,52
6,94	0,86	116,53	42,76
6,96	0,86	125,22	41,59
6,98	0,81	129,57	39,84
7,00	0,78	130,88	38,67
7,02	0,78	131,75	38,67
7,04	0,79	134,36	38,09
7,06	0,86	133,05	38,09
7,08	0,98	130,01	40,43
7,10	1,04	127,84	42,76
7,12	1,08	127,40	43,34
7,14	1,12	126,10	44,52
7,16	1,14	128,28	45,10
7,18	1,12	132,19	44,52
7,20	1,11	134,80	43,93
7,22	1,12	145,25	58,54
7,24	1,11	144,38	56,78
7,26	1,16	137,43	57,95
7,28	1,17	134,82	63,79
7,30	1,18	133,08	100,60
7,32	1,13	135,69	126,31
7,34	1,10	135,69	125,13
7,36	1,06	133,08	127,47
7,38	1,04	128,73	132,73
7,40	1,03	125,26	143,83
7,42	1,04	121,34	144,42
7,44	1,05	116,13	145,58
7,46	1,07	111,78	147,92
7,48	1,07	108,30	146,75
7,50	1,11	110,91	146,75
7,52	1,09	112,65	146,75
7,54	1,10	109,61	148,50
7,56	1,10	103,08	148,50
7,58	1,05	98,30	146,75
7,60	1,01	95,69	146,17
7,62	0,98	88,74	146,17
7,64	0,98	79,17	145,58
7,66	0,98	73,52	147,33
7,68	1,00	67,43	150,84
7,70	1,05	60,04	156,10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,72	1,07	52,65	161,36
7,74	1,10	46,13	165,44
7,76	1,17	46,13	168,37
7,78	1,17	48,74	170,70
7,80	1,18	50,91	168,37
7,82	1,13	67,87	157,27
7,84	1,10	83,09	152,01
7,86	1,11	91,35	155,52
7,88	1,16	90,05	160,77
7,90	1,25	80,48	158,44
7,92	1,17	82,66	147,92
7,94	1,06	89,18	146,75
7,96	1,00	80,49	150,26
7,98	1,00	67,88	153,76
8,00	0,99	60,49	158,44
8,02	1,00	53,97	163,11
8,04	1,04	50,49	167,20
8,06	1,07	48,75	171,87
8,08	1,10	46,14	178,30
8,10	1,10	44,40	183,56
8,12	1,12	47,01	185,89
8,14	1,16	53,53	178,89
8,16	1,19	65,27	170,70
8,18	1,22	77,88	167,78
8,20	1,25	88,75	163,11
8,22	1,38	115,72	169,54
8,24	1,49	129,64	170,12
8,26	1,57	140,51	167,78
8,28	1,56	147,46	161,36
8,30	1,53	157,03	150,84
8,32	1,51	163,98	140,91
8,34	1,48	170,51	130,39
8,36	1,42	175,72	125,13
8,38	1,40	176,16	118,12
8,40	1,33	178,33	109,36
8,42	1,26	180,94	102,35
8,44	1,24	182,68	98,26
8,46	1,21	176,16	96,51
8,48	1,21	167,03	96,51
8,50	1,23	159,20	97,68
8,52	1,21	153,55	101,18
8,54	1,24	146,16	103,52
8,56	1,24	135,29	102,94
8,58	1,24	130,94	102,35
8,60	1,26	128,33	101,77
8,62	1,28	128,77	101,77
8,64	1,29	132,24	99,43
8,66	1,28	137,03	99,43
8,68	1,28	145,29	98,85
8,70	1,29	148,77	97,10

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,72	1,31	150,94	95,34
8,74	1,31	156,16	94,17
8,76	1,31	164,85	93,00
8,78	1,32	167,90	90,67
8,80	1,31	170,51	87,16
8,82	1,26	181,38	84,24
8,84	1,26	189,64	80,74
8,86	1,25	190,94	78,40
8,88	1,25	193,11	76,06
8,90	1,23	194,85	74,89
8,92	1,21	198,33	74,31
8,94	1,21	197,90	74,31
8,96	1,21	195,72	74,89
8,98	1,23	192,68	76,06
9,00	1,25	190,94	77,23
9,02	1,29	193,11	77,23
9,04	1,30	195,29	77,23
9,06	1,33	199,20	77,23
9,08	1,37	204,42	76,65
9,10	1,38	209,63	76,06
9,12	1,38	221,81	74,89
9,14	1,38	228,76	74,89
9,16	1,41	230,94	74,89
9,18	1,45	230,94	74,31
9,20	1,45	237,90	78,98
9,22	1,45	230,51	78,98
9,24	1,45	223,99	78,98
9,26	1,45	224,86	77,23
9,28	1,47	226,60	75,48
9,30	1,51	236,16	71,97
9,32	1,51	238,33	63,79
9,34	1,45	240,07	57,37
9,36	1,35	249,64	54,44
9,38	1,28	242,68	50,94
9,40	1,18	252,25	47,44
9,42	1,12	250,07	44,52
9,44	1,09	250,51	42,76
9,46	1,07	250,51	40,43
9,48	1,02	248,33	38,09
9,50	0,99	242,25	37,50
9,52	0,94	233,99	36,92
9,54	0,89	224,86	36,92
9,56	0,87	217,03	36,92
9,58	0,84	208,77	37,50
9,60	0,83	194,42	38,67
9,62	0,83	180,94	39,84
9,64	0,84	169,20	41,01
9,66	0,83	163,55	42,76
9,68	0,83	159,20	44,52
9,70	0,82	154,42	46,85

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9,72	0,83	149,20	49,77
9,74	0,88	143,99	52,69
9,76	0,93	140,51	56,20
9,78	0,96	128,77	60,29
9,80	1,01	111,38	64,38
9,82	1,00	100,95	68,47
9,84	1,00	94,86	71,39
9,86	1,00	99,21	73,14
9,88	0,96	103,12	74,31
9,90	0,94	94,43	77,23
9,92	0,97	77,90	82,49
9,94	1,11	66,16	89,50
9,96	1,15	56,60	95,34
9,98	1,19	56,17	99,43
10,00	1,19	68,34	102,35
10,02	1,25	71,82	107,02
10,04	1,35	75,30	112,87
10,06	1,51	75,30	120,46
10,08	1,68	80,08	126,31
10,10	1,84	92,69	126,31
10,12	1,95	120,95	122,80
10,14	1,98	147,47	116,96
10,16	2,03	168,78	109,95
10,18	1,97	197,04	101,77
10,20	2,03	249,66	99,43
10,22	2,02	279,66	100,01
10,24	2,00	297,49	107,02
10,26	2,05	307,92	105,27
10,28	2,09	315,75	96,51
10,30	2,02	322,27	87,75
10,32	1,97	309,66	80,15
10,34	1,73	312,70	77,23
10,36	1,63	288,35	71,39
10,38	1,55	284,44	64,38
10,40	1,54	278,79	59,12
10,42	1,52	274,87	57,37
10,44	1,50	265,31	56,78
10,46	1,51	251,40	57,95
10,48	1,51	235,31	58,54
10,50	1,51	224,44	57,95
10,52	1,52	214,87	57,95
10,54	1,52	209,22	56,78
10,56	1,50	210,52	54,44
10,58	1,46	215,31	53,86
10,60	1,45	217,04	51,53
10,62	1,44	222,26	50,36
10,64	1,44	230,96	48,60
10,66	1,44	233,13	47,44
10,68	1,45	234,00	46,85
10,70	1,45	233,56	45,68

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10,72	1,44	229,21	44,52
10,74	1,45	224,43	44,52
10,76	1,50	218,34	43,93
10,78	1,50	219,21	42,18
10,80	1,50	222,26	41,59
10,82	1,50	228,78	41,01
10,84	1,52	233,12	40,43
10,86	1,51	233,12	39,26
10,88	1,49	236,17	39,84
10,90	1,54	243,99	39,84
10,92	1,56	247,04	41,01
10,94	1,63	247,91	41,01
10,96	1,68	247,03	42,18
10,98	1,71	249,64	42,18
11,00	1,75	256,17	42,76
11,02	1,80	265,73	43,34
11,04	1,87	278,77	43,93
11,06	1,92	289,21	43,93
11,08	1,97	300,51	43,93
11,10	2,01	309,64	43,34
11,12	2,08	317,47	43,93
11,14	2,07	323,12	43,93
11,16	2,05	330,51	43,93
11,18	2,08	334,86	43,34
11,20	2,08	368,78	50,36
11,22	2,16	375,30	50,36
11,24	2,17	370,95	48,60
11,26	2,14	366,60	46,85
11,28	2,09	370,52	45,68
11,30	2,08	381,82	44,52
11,32	2,14	380,52	44,52
11,34	2,14	380,52	42,18
11,36	2,10	387,91	40,43
11,38	2,10	391,82	39,26
11,40	2,15	383,12	38,09
11,42	2,14	373,56	36,33
11,44	2,09	366,17	34,58
11,46	1,98	363,12	33,42
11,48	1,95	356,16	32,83
11,50	1,95	348,77	32,83
11,52	1,92	330,51	31,66
11,54	1,90	319,64	31,08
11,56	1,87	312,25	30,49
11,58	1,86	308,33	29,33
11,60	1,93	297,90	29,33
11,62	1,97	293,99	29,33
11,64	1,96	307,46	29,91
11,66	1,95	319,20	29,91
11,68	1,92	324,42	29,91
11,70	1,91	327,46	30,49

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11,72	1,91	328,76	29,91
11,74	1,92	333,55	30,49
11,76	1,95	327,46	31,08
11,78	2,02	317,46	31,08
11,80	2,09	310,50	31,08
11,82	2,09	320,07	30,49
11,84	2,04	323,98	30,49
11,86	2,07	327,03	29,33
11,88	2,10	329,63	29,33
11,90	2,14	335,29	28,16
11,92	2,16	341,81	27,57
11,94	2,15	361,81	26,99
11,96	2,15	363,98	26,40
11,98	2,16	363,11	25,82
12,00	2,15	365,72	25,23
12,02	2,13	370,94	24,07
12,04	2,10	368,76	23,48
12,06	2,09	361,37	22,32
12,08	2,06	357,02	21,73
12,10	2,06	357,89	20,56
12,12	2,06	355,72	19,98
12,14	2,07	358,76	19,39
12,16	2,13	361,37	19,39
12,18	2,14	358,32	18,81
12,20	1,96	320,50	21,73
12,22	2,11	378,33	22,32
12,24	2,16	361,38	22,90
12,26	2,22	341,81	22,32
12,28	2,27	325,72	22,32
12,30	2,40	314,42	23,48
12,32	2,58	311,38	24,07
12,34	2,62	307,90	24,07
12,36	2,59	314,85	24,65
12,38	2,58	336,59	23,48
12,40	2,58	359,20	22,90
12,42	2,56	395,29	22,32
12,44	2,59	426,59	22,32
12,46	2,76	451,81	23,48
12,48	2,95	471,38	24,65
12,50	3,10	479,20	25,23
12,52	3,16	494,85	25,82
12,54	3,10	503,11	25,23
12,56	2,91	512,24	24,07
12,58	2,75	516,59	22,32
12,60	2,52	523,98	19,98
12,62	2,32	519,19	18,81
12,64	2,08	509,19	17,64
12,66	1,92	484,85	17,64
12,68	1,80	450,06	18,22
12,70	1,77	396,58	19,39

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12,72	1,77	344,84	20,56
12,74	1,78	286,15	21,73
12,76	1,71	243,54	22,32
12,78	1,60	220,06	22,90
12,80	1,55	196,58	24,07
12,82	1,55	176,58	25,23
12,84	1,54	166,58	26,99
12,86	1,56	170,49	28,74
12,88	1,62	164,40	31,08
12,90	1,65	147,02	32,83
12,92	1,63	128,32	34,00
12,94	1,59	116,15	35,75
12,96	1,59	102,23	38,09
12,98	1,63	82,67	41,01
13,00	1,66	72,67	44,52
13,02	1,70	68,76	46,85
13,04	1,70	75,28	49,19
13,06	1,67	86,59	51,53
13,08	1,68	93,54	54,44
13,10	1,79	91,37	59,12
13,12	2,03	93,98	65,55
13,14	2,30	91,37	71,39
13,16	2,30	103,98	72,56
13,18	2,25	136,59	67,89
13,20	2,09	173,57	92,42
13,22	2,28	207,49	94,76
13,24	2,41	238,79	100,60
13,26	2,56	257,49	108,19
13,28	2,59	270,53	112,87
13,30	2,65	262,71	108,19
13,32	2,60	266,62	101,18
13,34	2,57	281,40	100,01
13,36	2,63	298,79	102,35
13,38	2,79	298,79	101,18
13,40	2,88	327,05	98,85
13,42	2,90	374,88	96,51
13,44	2,89	410,97	93,00
13,46	2,86	420,96	88,91
13,48	2,83	425,31	86,58
13,50	2,94	442,27	88,33
13,52	2,99	444,87	88,91
13,54	3,08	436,18	87,75
13,56	3,10	423,57	83,66
13,58	2,94	426,18	81,32
13,60	2,76	421,40	78,98
13,62	2,74	409,22	78,40
13,64	2,71	419,22	76,06
13,66	2,71	457,48	74,89
13,68	2,71	481,83	73,14
13,70	2,68	481,39	73,73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13,72	2,69	484,87	74,31
13,74	2,75	477,91	73,73
13,76	2,74	466,61	70,80
13,78	2,63	458,78	69,64
13,80	2,49	430,95	64,96
13,82	2,27	426,17	60,29
13,84	2,14	433,56	56,20
13,86	2,09	444,43	56,20
13,88	2,05	447,47	57,37
13,90	2,07	435,29	57,95
13,92	2,09	404,86	56,78
13,94	2,05	387,90	56,20
13,96	2,02	347,46	55,61
13,98	1,96	306,59	55,03
14,00	1,97	281,38	53,86
14,02	1,96	293,98	53,86
14,04	1,95	310,07	53,28
14,06	1,91	314,42	53,28
14,08	1,95	304,85	53,28
14,10	1,95	293,11	52,11
14,12	1,96	291,37	51,53
14,14	2,01	284,85	50,94
14,16	2,11	274,85	50,36
14,18	2,19	270,07	50,94
14,20	2,22	279,68	66,13
14,22	2,22	282,29	62,04
14,24	2,16	288,38	59,12
14,26	2,16	300,12	56,78
14,28	2,22	300,11	54,44
14,30	2,18	317,94	53,28
14,32	2,15	334,90	51,53
14,34	2,13	334,03	52,69
14,36	2,15	319,68	53,28
14,38	2,17	296,20	52,69
14,40	2,17	284,46	52,11
14,42	2,23	267,07	52,69
14,44	2,28	244,89	52,11
14,46	2,27	237,50	52,11
14,48	2,23	221,41	50,36
14,50	2,17	224,46	48,60
14,52	2,11	235,33	49,77
14,54	2,15	234,46	52,11
14,56	2,20	222,28	54,44
14,58	2,16	207,06	56,20
14,60	2,11	195,76	58,54
14,62	2,08	188,37	60,87
14,64	2,15	180,97	62,63
14,66	2,21	182,28	64,96
14,68	2,22	183,58	66,71
14,70	2,30	183,15	69,05

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova CPTU24

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14,72	2,36	192,28	70,22
14,74	2,33	215,32	70,80
14,76	2,22	247,93	72,56
14,78	2,27	253,58	74,31
14,80	2,30	255,75	74,31
14,82	2,30	270,10	74,31
14,84	2,22	291,41	74,89
14,86	2,17	296,19	74,31
14,88	2,18	296,62	74,31
14,90	2,21	299,23	73,73
14,92	2,18	311,41	71,97
14,94	2,11	317,49	70,22
14,96	2,06	317,49	69,05
14,98	2,04	324,88	67,30
15,00	1,96	344,01	67,30
15,02	1,84	361,84	66,13
15,04	1,84	368,80	65,55
15,06	1,81	367,93	64,38
15,08	1,74	360,53	63,79
15,10	1,70	337,49	63,21
15,12	1,73	315,32	63,79
15,14	1,79	298,36	64,96
15,16	1,76	291,40	65,55
15,18	1,75	293,58	65,55
15,20	1,81	288,36	66,13
15,22	1,85	286,62	88,33
15,24	1,85	276,62	90,08
15,26	1,79	270,53	90,08
15,28	1,72	257,49	84,82
15,30	1,62	247,49	79,57
15,32	1,55	246,19	74,31
15,34	1,48	240,53	72,56
15,36	1,45	229,67	71,39
15,38	1,43	224,01	71,39
15,40	1,40	217,06	72,56
15,42	1,42	206,62	73,73
15,44	1,37	190,97	73,73
15,46	1,34	168,80	74,89
15,48	1,37	147,93	76,65
15,50	1,36	137,06	78,40
15,52	1,33	121,40	79,57
15,54	1,34	113,14	81,32
15,56	1,34	113,58	83,07
15,58	1,36	111,84	85,41
15,60	1,37	114,01	87,16
15,62	1,37	122,27	88,33
15,64	1,36	130,53	89,50
15,66	1,37	137,93	91,84
15,68	1,42	139,67	94,76
15,70	1,45	133,58	97,68

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15,72	1,48	127,93	100,01
15,74	1,46	123,58	102,35
15,76	1,49	118,36	104,11
15,78	1,50	114,45	104,69
15,80	1,52	116,62	106,44
15,82	1,57	120,11	109,36
15,84	1,58	128,80	111,11
15,86	1,55	140,54	111,11
15,88	1,50	145,32	111,11
15,90	1,46	141,41	112,87
15,92	1,46	128,37	114,62
15,94	1,38	113,15	113,45
15,96	1,33	96,19	111,11
15,98	1,28	91,41	114,03
16,00	1,28	78,37	118,12
16,02	1,31	72,72	122,22
16,04	1,37	75,32	126,89
16,06	1,45	86,19	131,56
16,08	1,45	89,67	132,15
16,10	1,42	96,20	129,81
16,12	1,32	96,63	130,39
16,14	1,31	92,72	133,32
16,16	1,27	92,72	134,48
16,18	1,20	91,41	136,23
16,20	1,21	100,99	260,67
16,22	1,25	101,86	269,44
16,24	1,27	100,55	277,61
16,26	1,31	81,42	279,37
16,28	1,29	84,47	278,78
16,30	1,31	86,21	285,21
16,32	1,31	81,42	285,21
16,34	1,29	77,51	279,95
16,36	1,25	80,12	281,70
16,38	1,22	77,95	284,63
16,40	1,20	79,25	285,79
16,42	1,17	76,64	290,47
16,44	1,17	72,73	295,14
16,46	1,19	68,82	301,57
16,48	1,16	60,56	306,24
16,50	1,16	53,60	311,50
16,52	1,17	56,64	318,51
16,54	1,17	53,17	322,01
16,56	1,17	54,91	323,77
16,58	1,17	60,56	322,01
16,60	1,17	69,69	324,35
16,62	1,17	73,60	328,44
16,64	1,20	76,65	337,79
16,66	1,27	74,47	350,64
16,68	1,45	72,73	366,42
16,70	1,85	82,30	390,37

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16,72	2,17	77,95	347,13
16,74	2,33	90,12	223,87
16,76	2,30	128,82	165,44
16,78	2,25	142,30	137,99
16,80	2,28	166,65	119,29
16,82	2,22	178,39	105,27
16,84	1,93	169,69	90,08
16,86	1,57	151,87	77,81
16,88	1,29	152,30	70,80
16,90	1,07	167,08	74,89
16,92	1,04	149,69	78,40
16,94	1,04	151,43	82,49
16,96	1,02	153,60	86,58
16,98	1,02	141,87	91,84
17,00	0,99	121,43	97,10
17,02	1,04	79,69	103,52
17,04	1,11	62,73	110,53
17,06	1,25	57,52	119,29
17,08	1,29	58,82	125,13
17,10	1,23	62,30	125,13
17,12	1,08	67,08	119,88
17,14	0,98	64,04	124,55
17,16	0,97	60,12	130,98
17,18	0,99	86,65	403,22
17,20	0,99	86,22	400,89
17,22	0,99	88,83	402,64
17,24	0,98	86,65	406,14
17,26	0,99	67,96	410,23
17,28	0,99	56,65	411,98
17,30	0,99	53,61	416,66
17,32	0,99	56,65	419,58
17,34	0,99	58,39	420,75
17,36	0,99	57,52	417,82
17,38	0,99	58,83	418,41
17,40	0,99	59,26	419,58
17,42	0,98	60,13	420,75
17,44	0,98	58,39	423,67
17,46	0,98	58,39	427,76
17,48	0,98	57,52	433,01
17,50	1,00	56,22	434,77
17,52	1,04	56,65	433,01
17,54	1,02	57,52	429,51
17,56	1,00	57,96	417,82
17,58	0,93	54,92	417,82
17,60	0,97	45,35	430,10
17,62	0,98	39,26	435,94
17,64	0,99	38,40	438,86
17,66	0,98	38,40	437,69
17,68	0,98	43,18	437,11
17,70	0,98	48,83	433,01

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17,72	0,98	50,57	431,26
17,74	0,98	54,05	428,92
17,76	0,98	56,22	426,59
17,78	0,97	56,66	424,84
17,80	0,97	57,96	426,00
17,82	0,96	56,22	430,68
17,84	0,97	54,92	435,35
17,86	0,99	53,61	439,44
17,88	0,98	52,74	439,44
17,90	0,97	52,74	435,35
17,92	0,96	52,74	434,18
17,94	0,96	48,83	438,86
17,96	0,97	45,79	437,69
17,98	0,97	46,22	437,11
18,00	0,97	46,66	436,52
18,02	0,97	47,96	437,69
18,04	0,97	51,44	439,44
18,06	0,97	53,61	442,95
18,08	0,97	54,05	441,19
18,10	0,97	55,79	438,86
18,12	0,96	56,22	435,94
18,14	0,93	55,36	431,85
18,16	0,92	50,14	427,17
18,18	0,93	51,45	474,49
18,20	0,94	50,14	459,89
18,22	0,93	51,01	453,46
18,24	0,93	52,75	452,29
18,26	0,93	54,06	453,46
18,28	0,93	54,93	451,71
18,30	0,93	54,06	454,63
18,32	0,93	54,93	454,63
18,34	0,93	54,92	454,05
18,36	0,93	54,06	454,05
18,38	0,94	54,06	456,38
18,40	0,94	54,06	455,80
18,42	0,94	54,93	453,46
18,44	0,92	55,36	453,46
18,46	0,94	54,93	452,88
18,48	0,93	54,93	454,63
18,50	0,94	53,62	455,80
18,52	0,93	54,92	458,13
18,54	0,94	55,79	460,47
18,56	0,94	55,79	461,64
18,58	0,93	55,79	461,06
18,60	0,93	55,36	458,13
18,62	0,93	55,79	456,38
18,64	0,93	54,93	455,22
18,66	0,93	54,06	455,22
18,68	0,93	52,75	455,22
18,70	0,93	51,88	455,80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18,72	0,93	51,45	457,55
18,74	0,94	50,58	459,89
18,76	0,94	50,14	461,64
18,78	0,96	50,14	461,06
18,80	0,96	50,14	459,31
18,82	0,97	50,58	459,31
18,84	0,97	50,14	461,06
18,86	0,98	50,14	465,73
18,88	1,04	50,14	478,00
18,90	1,10	51,88	481,50
18,92	1,05	51,88	469,23
18,94	1,00	50,58	430,10
18,96	0,94	50,58	415,49
18,98	0,92	46,23	427,76
19,00	0,92	43,19	433,60
19,02	0,93	41,45	439,44
19,04	0,93	44,06	444,70
19,06	0,94	49,27	450,54
19,08	0,96	55,80	454,63
19,10	0,96	53,19	456,97
19,12	0,96	54,93	456,38
19,14	0,94	57,53	454,05
19,16	0,94	58,41	452,88
19,18	0,94	63,19	508,38
19,20	0,94	63,19	503,12
19,22	0,96	62,75	497,28
19,24	0,96	62,32	492,60
19,26	0,96	61,45	489,68
19,28	0,96	60,58	487,34
19,30	0,96	58,84	484,43
19,32	0,94	57,54	481,50
19,34	0,94	55,80	479,75
19,36	0,93	55,80	480,92
19,38	0,93	54,06	485,59
19,40	0,94	52,75	489,10
19,42	0,94	53,19	493,19
19,44	0,94	54,06	497,86
19,46	0,93	54,06	500,20
19,48	0,94	53,62	505,45
19,50	0,96	51,89	512,47
19,52	0,98	54,93	526,49
19,54	1,05	56,23	559,21
19,56	1,24	66,23	632,23
19,58	3,05	119,28	750,82
19,60	7,97	177,54	660,86
19,62	12,99	144,93	389,20
19,64	15,99	147,54	306,82
19,66	17,18	148,84	272,94
19,68	17,48	120,15	257,75
19,70	17,36	125,37	244,90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19,72	17,34	135,37	233,22
19,74	17,13	151,45	223,87
19,76	16,77	152,32	215,69
19,78	16,30	154,93	207,51
19,80	15,80	154,93	200,50
19,82	15,35	154,06	194,66
19,84	14,97	156,23	190,57
19,86	14,67	155,36	188,23
19,88	14,09	155,36	181,22
19,90	13,30	151,01	172,45
19,92	12,67	146,22	166,03
19,94	12,22	142,31	162,53
19,96	11,87	139,26	160,77
19,98	11,62	133,61	159,60
20,00	11,47	129,69	159,60
20,02	11,42	124,91	160,77
20,04	11,48	120,99	163,69
20,06	11,71	117,94	166,61
20,08	12,07	117,51	171,87
20,10	12,68	115,76	181,22
20,12	13,27	112,72	187,65
20,14	13,57	113,15	188,23
20,16	13,39	111,41	180,64
20,18	13,09	108,34	174,21
20,20	13,07	110,95	177,71
20,22	13,20	125,30	185,31
20,24	13,50	144,43	193,49
20,26	13,84	155,30	201,67
20,28	13,98	171,82	202,25
20,30	14,03	180,95	199,91
20,32	13,84	190,52	195,24
20,34	13,56	207,91	187,65
20,36	13,21	224,00	179,47
20,38	12,80	233,56	173,04
20,40	12,61	230,52	173,04
20,42	12,65	221,82	174,79
20,44	12,77	212,25	177,71
20,46	12,79	200,08	176,55
20,48	12,84	189,64	177,13
20,50	12,84	178,77	177,13
20,52	12,72	163,99	175,38
20,54	12,49	158,77	173,04
20,56	12,34	156,16	171,87
20,58	12,36	153,98	173,04
20,60	12,67	150,94	178,30
20,62	13,00	153,54	182,39
20,64	13,05	150,93	181,80
20,66	13,08	147,45	181,80
20,68	13,13	146,15	180,64
20,70	13,18	145,28	181,80

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Committente AUTOSTRADA DEL BRENNERO

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Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20,72	13,48	143,97	187,65
20,74	13,38	162,23	180,64
20,76	13,43	184,84	183,56
20,78	13,93	164,40	189,40
20,80	14,46	151,79	203,42
20,82	13,81	204,40	185,89
20,84	12,94	244,83	142,08
20,86	13,67	211,35	152,01
20,88	13,33	200,48	148,50
20,90	13,26	198,31	147,33
20,92	13,24	197,87	146,75
20,94	14,50	98,75	267,68
20,96	16,55	101,80	316,76
20,98	16,60	110,92	298,65
21,00	15,75	134,84	270,60
21,02	15,06	155,27	253,08
21,04	14,67	167,88	242,56
21,06	14,52	180,05	236,72
21,08	14,68	190,49	236,72
21,10	14,97	200,05	237,89
21,12	15,42	200,48	243,15
21,14	15,84	190,91	246,65
21,16	16,25	180,48	250,16
21,18	16,72	175,26	256,58
21,20	16,96	176,13	257,17
21,22	16,60	177,86	244,32
21,24	15,69	183,51	223,28
21,26	14,67	188,73	204,00
21,28	16,98	134,39	187,65
21,30	16,01	149,17	174,21
21,32	15,22	159,61	171,87
21,34	14,73	171,78	173,63
21,36	14,49	178,74	177,13
21,38	14,30	183,52	180,64
21,40	14,39	183,95	187,65
21,42	14,55	177,87	194,66
21,44	14,64	162,22	202,25
21,46	14,66	148,73	208,10
21,48	14,50	136,99	210,43
21,50	14,02	123,95	204,59
21,52	13,08	113,95	188,81
21,54	12,23	115,69	177,71
21,56	11,78	115,25	172,45
21,58	11,52	114,38	169,54
21,60	11,38	115,68	169,54
21,62	11,36	114,38	170,12
21,64	11,30	115,25	170,12
21,66	11,27	114,38	170,12
21,68	11,33	116,12	171,87
21,70	11,43	118,72	174,21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21,72	11,51	122,20	176,55
21,74	11,63	125,68	178,89
21,76	11,75	127,85	181,80
21,78	11,92	132,63	185,89
21,80	12,13	135,24	190,57
21,82	12,33	137,42	194,66
21,84	12,56	141,33	201,08
21,86	12,89	143,94	208,68
21,88	13,34	146,98	219,78
21,90	13,89	149,59	234,97
21,92	14,61	153,94	255,42
21,94	15,39	156,98	277,61
21,96	16,02	159,59	295,73
21,98	16,31	164,37	300,98
22,00	16,02	171,76	288,13
22,02	15,21	183,50	258,92
22,04	14,38	192,63	234,38
22,06	13,79	198,28	220,95
22,08	13,48	203,94	212,18
22,10	13,23	202,20	205,17
22,12	13,01	202,20	198,75
22,14	12,88	200,02	194,07
22,16	12,72	190,45	189,98
22,18	12,59	178,72	185,89
22,20	12,39	171,32	181,80
22,22	12,17	166,11	176,55
22,24	12,04	160,89	173,04
22,26	11,91	156,10	168,37
22,28	13,19	170,89	179,47
22,30	12,94	175,67	179,47
22,32	13,04	180,46	187,65
22,34	13,35	186,11	199,33
22,36	14,09	196,55	221,53
22,38	15,35	203,94	260,09
22,40	16,86	200,46	310,33
22,42	18,60	196,98	375,76
22,44	20,14	198,28	426,00
22,46	20,66	199,59	429,51
22,48	20,93	210,45	423,67
22,50	20,99	230,45	409,06
22,52	20,92	247,85	387,44
22,54	20,62	276,98	355,32
22,56	20,39	303,06	324,35
22,58	20,18	323,06	301,57
22,60	20,74	265,24	265,34
22,62	19,89	298,72	248,40
22,64	19,04	322,63	232,05
22,66	18,32	336,11	220,36
22,68	17,67	330,02	208,68
22,70	17,06	311,32	198,16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22,72	16,48	285,66	188,81
22,74	15,95	263,92	179,47
22,76	15,46	240,00	171,29
22,78	14,96	223,48	163,11
22,80	14,48	207,39	154,93
22,82	13,90	189,99	146,17
22,84	13,24	179,99	135,65
22,86	12,66	173,91	126,31
22,88	12,21	167,82	121,05
22,90	11,88	159,99	117,54
22,92	11,61	151,73	115,79
22,94	11,65	148,68	119,29
22,96	12,09	151,29	128,06
22,98	12,91	157,38	143,24
23,00	14,05	159,55	164,28
23,02	15,26	156,95	186,48
23,04	17,07	165,64	221,53
23,06	20,01	186,95	285,21
23,08	22,45	209,99	331,95
23,10	23,82	230,44	236,13
23,12	15,04	123,11	365,83
23,14	15,42	123,55	381,60
23,16	15,64	125,29	386,28
23,18	15,82	127,46	393,87
23,20	15,86	127,46	400,30
23,22	16,12	132,24	414,32
23,24	16,45	138,33	430,68
23,26	16,72	146,15	443,53
23,28	17,40	153,54	480,92
23,30	18,34	164,41	511,89
23,32	19,24	164,85	525,90
23,34	20,44	189,63	538,17
23,36	21,89	251,37	567,97
23,38	22,30	529,63	547,52
23,40	19,06	348,75	359,40
23,42	18,02	505,27	326,69
23,44	16,99	490,92	285,79
23,46	16,31	495,27	330,19
23,48	15,36	468,75	259,50
23,50	15,04	437,01	272,36
23,52	14,99	418,31	286,96
23,54	15,23	322,22	308,58
23,56	15,59	229,18	329,02
23,58	16,05	203,09	350,64
23,60	16,60	201,78	367,00
23,62	17,25	185,70	390,95
23,64	18,06	193,52	416,66
23,66	18,95	208,73	441,78
23,68	19,51	219,17	432,43
23,70	20,36	237,86	446,45

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23,72	21,23	250,46	460,47
23,74	21,90	267,42	456,38
23,76	22,57	285,68	454,63
23,78	23,21	298,28	457,55
23,80	23,66	310,89	454,63
23,82	23,79	323,06	431,85
23,84	23,93	319,58	422,50
23,86	24,16	326,97	421,91
23,88	24,28	331,75	412,57
23,90	24,44	334,36	408,48
23,92	24,72	339,57	414,32
23,94	25,07	348,27	421,33
23,96	25,23	353,05	416,07
23,98	25,15	356,09	406,14
24,00	25,08	353,91	393,87
24,02	24,84	348,69	381,60
24,04	26,42	280,82	389,20
24,06	25,51	317,34	338,37
24,08	24,89	358,21	345,97
24,10	24,89	382,56	382,19
24,12	24,65	382,12	396,21
24,14	24,08	368,64	390,95
24,16	23,79	362,99	397,96
24,18	24,01	343,86	423,08
24,20	24,35	333,42	446,45
24,22	24,66	309,95	452,29
24,24	24,78	301,68	454,63
24,26	24,68	287,77	440,61
24,28	24,61	273,85	441,19
24,30	24,17	256,03	455,22
24,32	23,62	249,94	409,65
24,34	23,08	254,29	387,44
24,36	22,38	256,03	367,00
24,38	21,40	256,02	324,35
24,40	20,15	255,15	278,20
24,42	18,86	256,02	237,89
24,44	17,71	257,76	206,34
24,46	16,75	247,32	185,89
24,48	16,06	254,72	174,79
24,50	15,60	250,80	168,37
24,52	15,29	237,76	165,44
24,54	14,88	221,67	158,44
24,56	14,51	211,67	151,43
24,58	14,15	209,49	144,42
24,60	13,86	207,32	139,16
24,62	13,43	195,58	128,06
24,64	12,90	186,89	116,37
24,66	12,33	178,62	107,02
24,68	11,88	173,84	107,02
24,70	11,64	166,88	112,87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24,72	11,31	159,93	116,96
24,74	11,40	153,41	129,81
24,76	11,58	150,80	138,57
24,78	11,70	148,62	173,04
24,80	11,23	177,32	149,67
24,82	11,37	178,19	161,36
24,84	11,32	182,97	167,20
24,86	11,34	179,93	166,03
24,88	11,21	179,06	159,60
24,90	11,19	183,84	164,86
24,92	11,14	191,67	167,78
24,94	11,15	154,72	173,04
24,96	11,07	146,89	169,54
24,98	11,04	150,80	170,70
25,00	10,71	132,63	348,31
25,02	10,79	127,84	292,22
25,04	10,90	124,80	293,39
25,06	10,96	126,11	277,03
25,08	11,15	140,02	287,55
25,10	11,30	132,63	289,89
25,12	11,50	131,76	292,22
25,14	11,78	134,81	303,32
25,16	12,26	137,85	321,43
25,18	12,87	142,20	343,05
25,20	13,61	147,41	359,40
25,22	14,46	141,76	369,92
25,24	15,33	143,94	386,86
25,26	15,79	141,76	375,76
25,28	15,75	144,37	294,56
25,30	15,52	146,11	267,10
25,32	14,96	154,81	241,98
25,34	14,48	173,07	239,06
25,36	14,10	178,72	227,37
25,38	13,82	179,16	228,54
25,40	13,70	187,85	234,97
25,42	13,62	193,51	241,98
25,44	13,67	200,46	247,82
25,46	13,77	201,33	260,67
25,48	13,90	195,25	268,27
25,50	14,02	186,12	277,61
25,52	14,27	180,03	289,89
25,54	14,55	169,59	298,65
25,56	14,80	159,59	310,91
25,58	15,11	154,81	324,35
25,60	15,20	151,76	322,60
25,62	14,72	147,42	298,06
25,64	13,83	143,07	261,26
25,66	13,47	142,63	260,67
25,68	13,89	147,42	300,98
25,70	15,26	159,59	384,53

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25,72	17,40	177,85	491,44
25,74	19,19	178,28	544,60
25,76	20,09	180,02	538,17
25,78	20,33	195,68	510,13
25,80	19,89	203,07	455,80
25,82	18,74	223,50	389,20
25,84	17,16	246,11	317,34
25,86	15,50	273,50	254,24
25,88	14,10	291,32	207,51
25,90	13,11	294,37	178,89
25,92	12,38	287,84	165,44
25,94	11,77	276,54	158,44
25,96	11,26	259,58	153,18
25,98	10,66	204,82	341,88
26,00	10,67	181,34	300,98
26,02	10,89	168,30	308,58
26,04	11,40	159,17	333,70
26,06	12,04	156,56	355,90
26,08	12,52	146,12	368,75
26,10	12,71	141,78	367,58
26,12	12,80	141,78	362,33
26,14	12,88	139,17	370,50
26,16	12,78	142,21	368,17
26,18	12,88	149,60	382,19
26,20	13,18	153,51	407,31
26,22	13,80	160,04	449,37
26,24	14,34	166,56	470,40
26,26	14,26	170,47	442,95
26,28	13,91	177,86	407,31
26,30	13,59	182,64	385,69
26,32	13,28	183,08	371,09
26,34	12,89	183,51	356,48
26,36	12,63	184,82	350,64
26,38	12,58	188,29	358,23
26,40	12,68	194,38	375,18
26,42	12,78	204,38	393,29
26,44	12,56	212,21	371,09
26,46	12,32	204,82	330,19
26,48	12,26	203,94	312,08
26,50	12,57	201,77	322,01
26,52	12,96	196,98	340,71
26,54	13,36	188,72	357,07
26,56	13,68	180,90	364,66
26,58	13,65	170,90	346,55
26,60	13,22	160,90	312,67
26,62	12,41	153,94	264,18
26,64	11,73	151,76	233,80
26,66	11,33	154,37	220,95
26,68	11,14	156,11	220,36
26,70	11,17	159,59	230,88



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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.287+223

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,20 ml

Prova **CPTU24**

Cert. N. 556/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26,72	11,50	160,89	259,50
26,74	12,20	162,20	302,15
26,76	13,20	168,29	357,07
26,78	14,03	163,94	386,28
26,80	14,45	155,24	386,28
26,82	14,58	151,76	379,85
26,84	14,39	149,59	357,65
26,86	13,77	154,37	316,76
26,88	12,88	159,15	266,52
26,90	11,78	168,28	211,01
26,92	10,94	174,37	181,22
26,94	10,41	180,89	173,04
26,96	9,72	209,62	402,05
26,98	10,89	233,53	417,24
27,00	12,17	329,18	483,84
27,02	13,57	371,36	522,40
27,04	14,82	349,62	535,84
27,06	15,60	320,49	534,08
27,08	15,97	303,10	523,57
27,10	15,78	305,71	494,36
27,12	15,51	303,53	472,16
27,14	15,09	293,53	442,95
27,16	14,58	279,62	420,16
27,18	13,84	262,23	376,34
27,20	12,90	242,23	327,27
27,22	12,14	230,49	296,89
27,24	11,58	208,74	282,87
27,26	11,21	185,27	281,12
27,28	10,95	163,96	278,20
27,30	10,64	146,13	270,02
27,32	10,43	132,65	273,53
27,34	10,28	117,87	265,93
27,36	10,11	110,48	263,01
27,38	10,02	103,96	262,43
27,40	10,00	101,35	264,76
27,42	10,01	99,61	271,77
27,44	10,05	98,30	276,44
27,46	10,06	94,82	279,37
27,48	10,08	93,95	280,54
27,50	10,16	93,95	288,13
27,52	10,23	93,95	292,22
27,54	10,31	94,82	297,48
27,56	10,35	96,12	300,40
27,58	10,37	96,56	299,81
27,60	10,44	98,30	305,66
27,62	10,53	99,17	310,91
27,64	10,54	101,34	308,00
27,66	10,59	103,51	309,75
27,68	10,67	104,38	314,42
27,70	10,67	104,38	312,08

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27,72	10,64	103,51	308,58
27,74	10,58	103,51	305,07
27,76	10,56	103,51	304,49
27,78	10,59	105,25	306,82
27,80	10,71	106,56	315,00
27,82	10,92	109,60	330,78
27,84	11,34	110,90	357,65
27,86	12,10	113,51	404,39
27,88	13,40	120,03	489,10
27,90	15,11	130,47	575,56
27,92	16,94	132,64	641,00
27,94	18,64	139,60	676,05
27,96	19,72	142,64	666,70
27,98	20,40	163,11	428,34
28,00	20,62	176,59	438,86
28,02	21,04	185,72	486,18
28,04	21,35	200,07	513,05
28,06	21,32	203,98	517,14
28,08	20,87	220,94	508,96
28,10	20,15	226,59	490,27
28,12	19,04	229,20	459,31
28,14	13,36	149,13	212,18
28,16	12,81	141,74	209,26
28,18	12,52	135,65	216,86
28,20	12,49	130,44	232,05
28,22	12,50	126,09	244,90
28,24	12,71	120,88	266,52
28,26	13,10	116,09	293,39
28,28	13,69	116,53	323,77
28,30	14,45	116,09	363,49
28,32	15,27	118,70	398,55
28,34	15,82	116,53	408,48
28,36	16,30	115,66	419,58
28,38	16,94	120,01	441,78
28,40	17,62	123,48	465,73
28,42	17,96	128,70	468,07
28,44	17,63	132,61	430,10
28,46	17,02	142,18	387,44
28,48	16,55	140,44	366,42
28,50	16,24	144,79	354,73
28,52	15,59	147,40	320,85
28,54	14,59	153,92	270,02
28,56	13,72	152,61	239,64
28,58	13,22	150,01	225,03
28,60	12,92	150,01	220,36
28,62	12,83	146,96	222,11
28,64	12,98	147,39	236,13
28,66	13,31	144,78	255,42
28,68	13,90	141,30	285,21
28,70	14,61	140,44	315,00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28,72	15,30	138,26	344,22
28,74	15,95	137,39	364,08
28,76	16,21	137,39	361,16
28,78	15,99	146,09	331,36
28,80	15,90	153,91	321,43
28,82	16,53	152,17	345,38
28,84	17,36	152,17	377,52
28,86	17,73	159,13	367,00
28,88	17,62	178,26	333,70
28,90	17,66	180,43	322,01
28,92	18,04	175,65	338,37
28,94	18,31	177,39	340,71
28,96	17,83	169,56	310,33
28,98	16,89	171,73	263,01
29,00	15,56	180,43	203,42
29,02	14,47	187,82	167,20
29,04	13,41	180,03	238,47
29,06	13,06	177,86	216,27
29,08	12,94	170,90	219,78
29,10	12,99	163,08	231,46
29,12	13,11	151,77	245,48
29,14	13,47	142,64	268,85
29,16	14,02	138,30	298,06
29,18	14,72	142,21	311,50
29,20	15,71	142,64	331,36
29,22	15,75	128,29	320,85
29,24	14,97	126,99	281,12
29,26	14,42	128,73	265,34
29,28	14,22	132,21	270,02
29,30	14,18	139,16	277,03
29,32	13,78	140,46	261,84
29,34	12,94	135,68	226,21
29,36	12,18	132,64	198,16
29,38	11,70	127,42	185,31
29,40	11,36	125,25	177,71
29,42	11,14	123,51	175,38
29,44	11,00	123,94	173,63
29,46	10,89	122,64	172,45
29,48	10,88	120,89	173,63
29,50	10,90	120,89	176,55
29,52	11,07	121,33	185,31
29,54	11,30	121,33	198,75
29,56	11,80	123,07	227,96
29,58	12,62	124,81	271,77
29,60	13,36	127,41	302,74
29,62	13,72	132,63	309,16
29,64	13,72	134,80	297,48
29,66	13,52	132,63	279,95
29,68	13,24	132,63	262,43
29,70	12,95	133,06	251,33



Certificato n° 547/15 del 28/10/2015

Committente: Autostrada del Brennero S.p.A.

Sondaggio: S24 km 287+223

Riferimento: Realizzazione della terza corsia

Data: 28/10/2015

Coordinate:

Quota: piano campagna

Perforazione:

SCALA 1 :25

## STRATIGRAFIA

Pagina 1/1

Ø mm	metri batt.	LITOLOGIA	Campioni	RP	VT	Standard Penetration Test			Prel. % 0 --- 100	prof. m	DESCRIZIONE	Cass.
						m	S.P.T.	N Pt				
										0.20	Asfalto, nero.	
	1					1,5	9-9-13	22 A			Ghiaia sabbiosa, nocciola-rossastra. Inclusi eterometrici subangolari, Ømax >10 cm.	1
										1.80	Sabbia con ghiaia, nocciola.	
	2									2.00	Sabbia fine-media, nocciola.	
										2.60		
										2.70	Limo con sabbia, nocciola.	

Sondatore: Sig. Giandomenico Iannuzzi

Sonda: Atlas Copco A65 su Iveco 330

Utilizzato carotiere semplice.

**Certificato n° 547/15 del 28/10/2015**

Committente: Autostrada del Brennero S.p.A.

Sondaggio: S24 km 287+223

Riferimento: Realizzazione della terza corsia

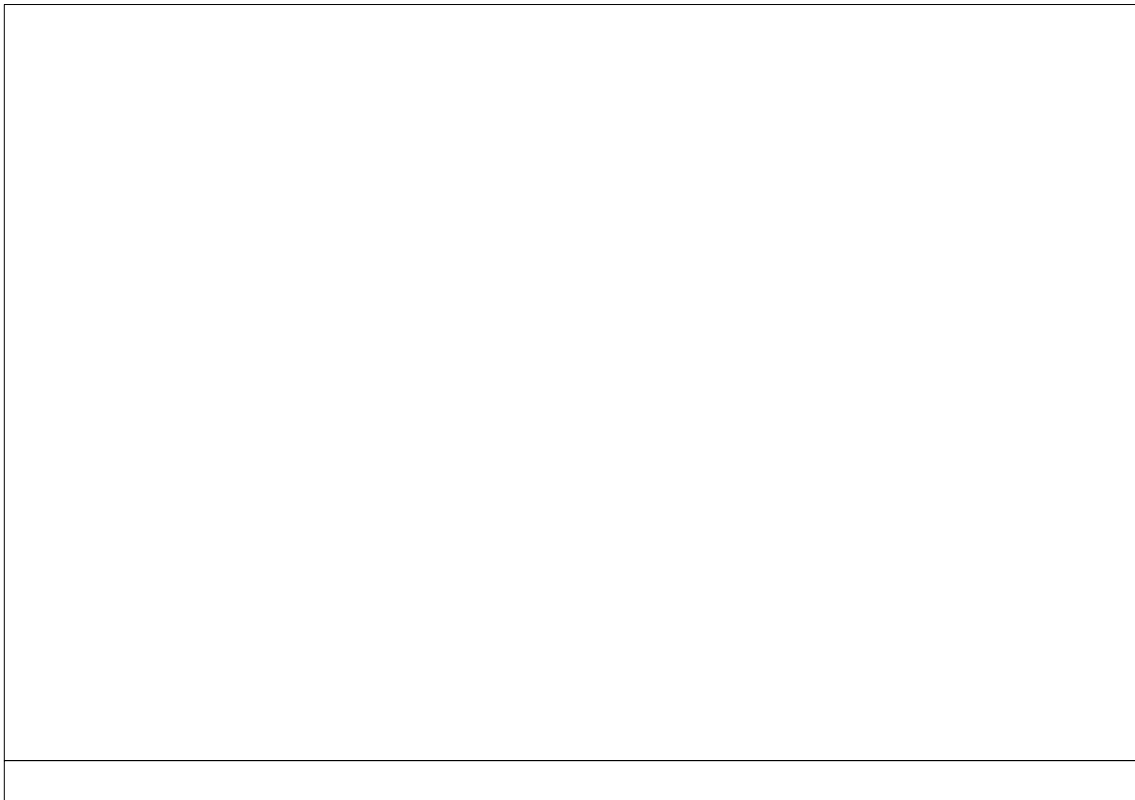
Data: 28/10/2015

Fotografie - Pagina 1/1

Pagina 1



Cassetta n° 1 - profondità da m 0,00 a m 2,70

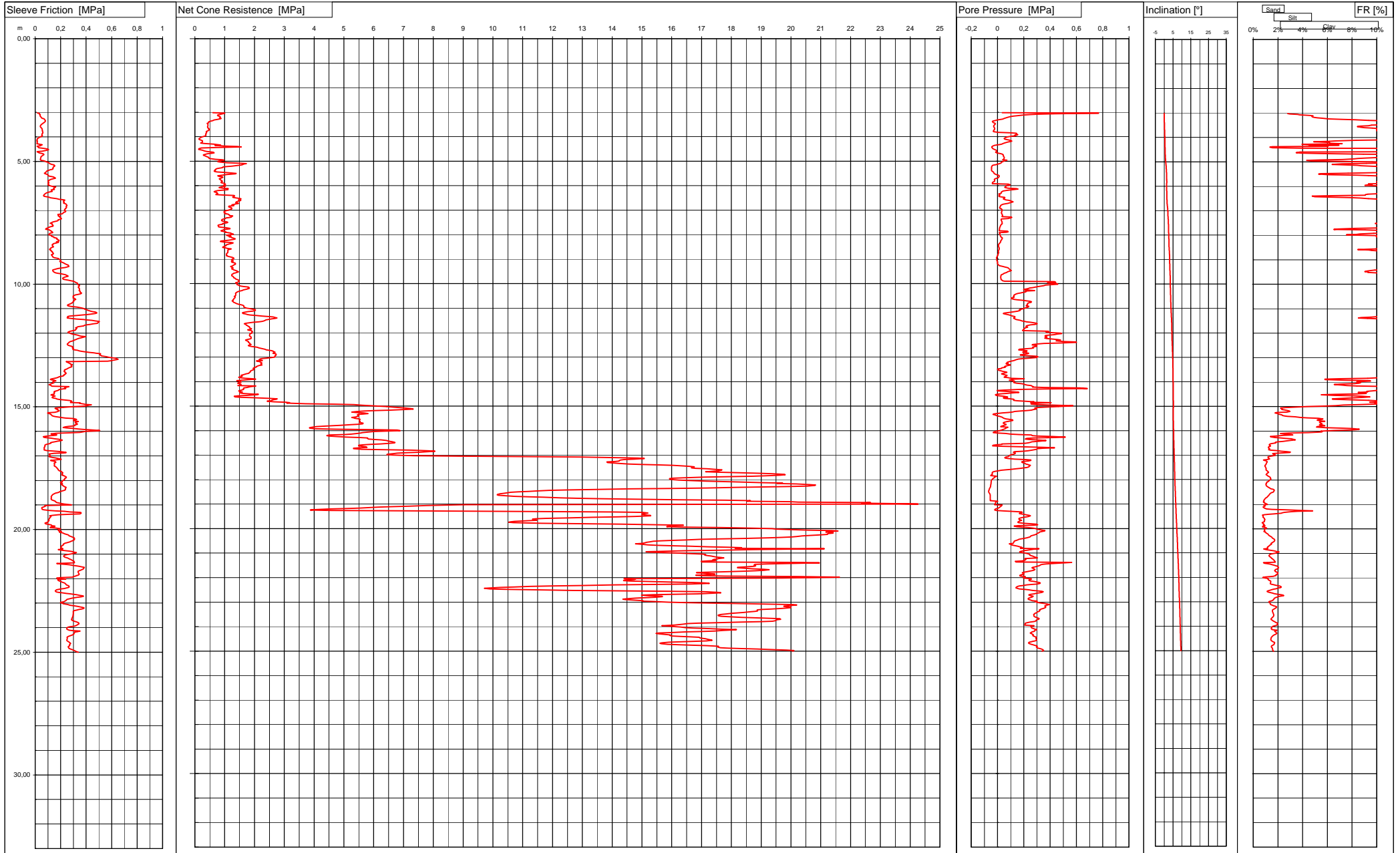


Committente AUTOSTRADA DEL BRENNERO  
 Località PIAZZOLA KM. 289+234  
 Cantiere TERZA C  
 Operatore Dr. Stanzani  
 Prova nr. CPTU25 Cert. N.557/15  
 Data 22/10/15 Emesso il 28/10/15  
 Falda 2,90 ml  
 Preforo 3,00 m. p.c.

# RE-CPTU3



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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,02	0,61	17,29	35,17
3,04	1,01	30,77	768,35
3,06	0,93	34,68	437,69
3,08	0,88	34,25	307,41
3,10	0,81	39,47	241,98
3,12	0,76	38,60	195,24
3,14	0,77	38,16	150,84
3,16	0,80	40,34	121,05
3,18	0,84	43,81	98,85
3,20	0,86	46,86	81,90
3,22	0,86	50,77	70,22
3,24	0,82	53,38	59,70
3,26	0,88	67,29	50,36
3,28	0,81	72,50	38,67
3,30	0,73	75,55	17,64
3,32	0,65	77,72	-2,22
3,34	0,60	80,33	-19,75
3,36	0,55	79,89	-33,77
3,38	0,50	76,85	-38,44
3,40	0,46	73,37	-36,69
3,42	0,46	70,33	-32,02
3,44	0,45	62,50	-25,00
3,46	0,41	59,02	-18,00
3,48	0,44	53,81	-16,83
3,50	0,44	46,41	-20,92
3,52	0,44	45,11	-23,25
3,54	0,44	41,20	-26,18
3,56	0,44	40,33	-28,51
3,58	0,43	40,76	-29,10
3,60	0,43	42,07	-27,93
3,62	0,43	45,54	-25,59
3,64	0,44	50,33	-22,67
3,66	0,46	51,20	-20,92
3,68	0,46	54,67	-20,92
3,70	0,49	54,67	-22,09
3,72	0,49	54,67	-25,59
3,74	0,46	55,98	-27,93
3,76	0,44	58,59	-30,85
3,78	0,39	57,72	-32,02
3,80	0,38	58,15	-27,34
3,82	0,39	59,89	5,96
3,84	0,39	59,89	95,34
3,86	0,37	56,41	143,83
3,88	0,37	52,94	145,58
3,90	0,36	53,37	141,49
3,92	0,37	51,20	154,34
3,94	0,37	53,81	132,15
3,96	0,36	57,28	139,74
3,98	0,32	50,76	107,02
4,00	0,28	40,76	86,00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,02	0,22	34,24	70,22
4,04	0,19	26,85	60,29
4,06	0,16	19,89	53,28
4,08	0,15	17,29	50,36
4,10	0,13	16,42	56,20
4,12	0,16	14,24	71,97
4,14	0,20	14,24	90,08
4,16	0,25	16,42	106,44
4,18	0,26	13,38	108,78
4,20	0,25	16,43	99,43
4,22	0,25	16,43	79,57
4,24	0,23	15,12	62,04
4,26	0,20	15,12	51,53
4,28	0,31	12,95	42,76
4,30	0,63	29,91	32,24
4,32	0,74	55,12	15,89
4,34	0,86	40,78	-6,31
4,36	0,67	43,39	-25,00
4,38	1,00	15,56	-36,11
4,40	1,42	19,47	-41,36
4,42	1,55	24,69	-43,11
4,44	0,69	28,60	-42,53
4,46	0,22	54,69	-39,61
4,48	0,16	79,91	-37,27
4,50	0,13	98,61	-32,60
4,52	0,13	106,43	-22,67
4,54	0,21	96,00	-14,49
4,56	0,26	80,35	-7,48
4,58	0,32	54,70	-5,14
4,60	0,38	15,13	-6,31
4,62	0,50	18,18	-12,15
4,64	0,62	25,13	-14,49
4,66	0,65	37,31	-4,56
4,68	0,56	54,70	10,63
4,70	0,42	66,01	26,99
4,72	0,34	68,61	39,84
4,74	0,29	63,83	41,59
4,76	0,29	58,18	45,10
4,78	0,34	51,22	44,52
4,80	0,38	46,88	45,10
4,82	0,41	45,14	48,02
4,84	0,45	45,57	50,36
4,86	0,46	42,97	52,11
4,88	0,47	42,10	49,77
4,90	0,53	41,23	48,02
4,92	0,69	39,49	45,68
4,94	0,92	41,66	38,67
4,96	0,99	49,06	71,39
4,98	0,88	69,49	57,37
5,00	0,78	82,97	47,44

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,02	0,77	89,49	39,26
5,04	0,86	102,97	31,66
5,06	1,07	108,19	29,33
5,08	1,47	112,97	24,07
5,10	1,73	117,75	16,47
5,12	1,64	130,36	4,21
5,14	1,60	146,89	-12,15
5,16	1,54	147,32	-30,26
5,18	1,42	155,15	-39,03
5,20	1,24	151,24	-41,95
5,22	1,06	144,28	-43,70
5,24	0,94	142,55	-44,87
5,26	0,93	139,50	-44,87
5,28	0,84	139,07	-44,29
5,30	0,75	141,24	-44,87
5,32	0,71	134,72	-44,87
5,34	0,70	116,02	-46,04
5,36	0,67	109,50	-46,04
5,38	0,69	97,33	-44,87
5,40	0,64	89,50	-42,53
5,42	0,67	87,33	-36,69
5,44	0,74	84,72	-32,02
5,46	0,96	79,94	-29,10
5,48	1,24	72,98	-27,34
5,50	1,38	77,33	-26,18
5,52	1,35	87,76	-20,92
5,54	1,08	99,07	-10,99
5,56	0,98	100,81	-0,47
5,58	0,87	100,37	10,05
5,60	0,76	112,55	12,38
5,62	0,81	132,98	12,97
5,64	0,93	146,46	11,22
5,66	0,94	153,42	8,29
5,68	0,89	158,63	2,45
5,70	0,86	147,77	-8,06
5,72	0,82	134,29	-17,41
5,74	0,83	118,20	-22,67
5,76	0,86	113,85	-23,84
5,78	0,87	103,42	-20,92
5,80	0,91	100,81	-20,92
5,82	0,93	103,85	-23,25
5,84	0,90	103,42	-29,68
5,86	0,88	108,20	-36,11
5,88	0,89	103,42	-39,03
5,90	0,98	101,25	-39,61
5,92	0,99	106,03	-39,03
5,94	1,03	104,29	82,49
5,96	1,02	101,25	96,51
5,98	0,96	108,64	91,25
6,00	1,01	123,42	70,22

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova CPTU25

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,02	1,03	139,08	63,79
6,04	0,90	160,82	61,45
6,06	0,87	157,34	55,61
6,08	0,81	147,34	56,20
6,10	0,94	143,86	79,57
6,12	1,12	143,86	142,66
6,14	1,08	151,25	155,52
6,16	1,11	125,18	116,96
6,18	0,95	127,79	88,33
6,20	0,78	130,83	63,21
6,22	0,71	133,44	44,52
6,24	0,65	117,79	34,00
6,26	0,67	104,31	29,91
6,28	0,73	89,10	29,91
6,30	0,75	84,31	29,91
6,32	0,77	78,23	21,15
6,34	0,72	72,14	10,05
6,36	0,70	69,97	17,06
6,38	0,96	66,92	17,64
6,40	1,31	65,62	12,38
6,42	1,33	69,97	10,05
6,44	1,31	89,10	12,38
6,46	1,27	107,80	31,66
6,48	1,28	120,84	55,03
6,50	1,40	143,88	55,03
6,52	1,51	169,10	46,85
6,54	1,55	188,67	44,52
6,56	1,50	219,54	52,69
6,58	1,47	233,02	65,55
6,60	1,54	224,32	90,08
6,62	1,51	221,28	98,26
6,64	1,43	223,45	112,87
6,66	1,39	228,67	118,12
6,68	1,38	223,02	107,61
6,70	1,37	223,89	96,51
6,72	1,47	235,19	79,57
6,74	1,40	242,15	60,29
6,76	1,34	245,20	41,59
6,78	1,24	248,24	31,08
6,80	1,30	249,98	25,82
6,82	1,30	243,45	23,48
6,84	1,14	243,02	22,32
6,86	1,13	246,06	19,98
6,88	1,16	245,20	17,64
6,90	1,22	242,59	16,47
6,92	1,24	236,50	18,22
6,94	1,24	236,06	29,33
6,96	1,22	230,85	31,66
6,98	1,16	230,41	35,75
7,00	1,12	229,11	35,17

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,02	1,04	239,98	33,42
7,04	1,01	238,24	32,24
7,06	0,98	236,50	32,24
7,08	0,98	225,63	31,08
7,10	1,00	219,98	29,91
7,12	1,03	216,06	31,08
7,14	1,00	212,15	31,66
7,16	1,10	177,82	33,42
7,18	1,14	186,08	35,75
7,20	1,16	180,86	38,09
7,22	1,16	181,30	38,67
7,24	1,27	187,82	35,75
7,26	1,21	198,25	34,58
7,28	1,22	192,60	106,44
7,30	1,17	199,56	108,78
7,32	1,05	204,34	99,43
7,34	1,02	206,51	79,57
7,36	0,97	195,21	29,33
7,38	0,92	179,99	28,16
7,40	0,90	180,43	28,16
7,42	0,90	175,21	29,33
7,44	0,91	159,56	31,08
7,46	1,01	145,21	34,00
7,48	1,09	134,35	34,58
7,50	1,11	126,95	34,00
7,52	1,07	117,82	35,17
7,54	0,93	132,17	35,17
7,56	0,96	132,61	35,17
7,58	0,91	133,04	29,91
7,60	0,79	141,30	25,82
7,62	0,77	141,74	24,07
7,64	0,78	140,00	23,48
7,66	0,79	121,30	21,15
7,68	0,79	113,05	19,39
7,70	0,90	100,87	18,22
7,72	1,04	93,48	17,06
7,74	1,17	86,09	15,89
7,76	1,18	82,18	14,13
7,78	1,06	105,22	14,72
7,80	0,97	113,48	14,13
7,82	0,93	117,40	12,97
7,84	0,87	126,96	12,97
7,86	0,90	129,57	75,97
7,88	1,04	135,66	80,55
7,90	1,02	136,97	68,97
7,92	1,11	120,45	13,55
7,94	1,21	114,36	17,64
7,96	1,22	111,75	17,06
7,98	1,29	105,23	18,22
8,00	1,20	113,93	17,64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,02	1,06	129,58	20,56
8,04	1,09	128,28	21,73
8,06	1,21	134,36	23,48
8,08	1,15	146,10	25,23
8,10	1,21	146,97	26,99
8,12	1,23	164,36	34,00
8,14	1,28	173,06	38,09
8,16	1,35	168,29	36,33
8,18	1,35	175,25	34,58
8,20	1,28	182,20	32,24
8,22	1,14	187,86	29,33
8,24	1,03	185,68	26,40
8,26	0,89	177,86	24,65
8,28	0,85	166,12	24,07
8,30	0,97	182,64	22,90
8,32	1,22	167,86	21,15
8,34	1,29	153,51	17,64
8,36	1,22	141,77	13,55
8,38	1,15	140,03	11,22
8,40	1,10	131,77	8,88
8,42	1,05	136,55	8,29
8,44	1,05	136,55	7,71
8,46	1,03	138,29	7,71
8,48	0,99	144,38	8,88
8,50	0,94	135,25	9,46
8,52	0,93	124,82	10,05
8,54	1,03	120,90	12,38
8,56	1,10	121,34	12,97
8,58	1,22	113,08	11,80
8,60	1,17	120,47	12,97
8,62	1,12	118,30	11,22
8,64	1,10	127,43	7,71
8,66	1,10	130,47	5,96
8,68	1,12	128,73	5,96
8,70	1,11	136,99	7,12
8,72	1,11	138,30	10,05
8,74	1,11	141,78	8,29
8,76	1,07	144,39	6,54
8,78	1,06	137,43	5,96
8,80	1,06	128,30	3,62
8,82	1,05	128,74	3,03
8,84	1,07	130,91	2,45
8,86	1,06	135,26	0,70
8,88	1,10	137,00	-1,64
8,90	1,15	139,17	-2,81
8,92	1,24	148,74	-5,14
8,94	1,28	166,56	-7,48
8,96	1,30	183,09	-6,89
8,98	1,30	187,00	-6,89
9,00	1,25	194,83	-5,14

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9,02	1,24	197,87	-4,56
9,04	1,23	201,35	-5,14
9,06	1,28	197,44	-5,14
9,08	1,28	193,52	-2,22
9,10	1,23	205,26	0,11
9,12	1,24	218,31	0,11
9,14	1,29	224,39	1,87
9,16	1,35	229,62	0,11
9,18	1,36	236,14	0,70
9,20	1,36	247,44	1,87
9,22	1,34	256,14	4,21
9,24	1,31	262,23	7,71
9,26	1,28	261,79	13,55
9,28	1,25	264,40	25,23
9,30	1,20	252,66	40,43
9,32	1,23	235,70	58,54
9,34	1,25	209,62	73,73
9,36	1,29	184,84	81,90
9,38	1,24	168,75	85,41
9,40	1,24	152,23	88,91
9,42	1,29	140,05	92,42
9,44	1,31	137,44	96,51
9,46	1,37	140,05	105,27
9,48	1,42	140,49	98,26
9,50	1,42	145,27	85,41
9,52	1,46	149,62	76,65
9,54	1,40	161,36	70,22
9,56	1,36	178,31	59,70
9,58	1,30	201,36	50,36
9,60	1,28	224,84	43,93
9,62	1,24	239,18	36,92
9,64	1,24	245,70	29,91
9,66	1,23	256,14	26,40
9,68	1,24	258,31	25,82
9,70	1,28	243,97	25,23
9,72	1,29	231,36	24,65
9,74	1,31	219,62	24,07
9,76	1,31	217,01	24,07
9,78	1,35	216,57	25,23
9,80	1,36	220,92	25,82
9,82	1,39	240,05	26,99
9,84	1,44	257,88	28,16
9,86	1,47	281,36	33,42
9,88	1,47	300,92	38,67
9,90	1,48	306,57	54,44
9,92	1,48	313,53	431,85
9,94	1,43	322,66	442,36
9,96	1,37	332,66	381,02
9,98	1,37	332,23	405,56
10,00	1,41	333,53	448,21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10,02	1,43	336,14	458,72
10,04	1,42	342,23	413,74
10,06	1,46	348,31	366,42
10,08	1,49	345,70	351,81
10,10	1,55	340,92	330,78
10,12	1,64	339,62	308,58
10,14	1,79	338,32	293,39
10,16	1,82	343,97	268,85
10,18	1,79	347,45	241,98
10,20	1,82	346,58	235,55
10,22	1,74	347,01	213,35
10,24	1,68	349,19	198,75
10,26	1,62	344,40	229,71
10,28	1,58	351,36	283,45
10,30	1,50	354,40	212,18
10,32	1,46	350,92	217,44
10,34	1,42	356,14	213,94
10,36	1,40	363,53	188,81
10,38	1,37	363,10	175,38
10,40	1,36	356,14	155,52
10,42	1,37	336,14	139,16
10,44	1,37	316,14	134,48
10,46	1,37	308,31	126,89
10,48	1,37	298,31	124,55
10,50	1,35	297,44	126,89
10,52	1,32	300,92	120,46
10,54	1,35	297,88	125,13
10,56	1,35	296,57	125,13
10,58	1,34	307,44	108,78
10,60	1,32	312,66	103,52
10,62	1,31	318,31	109,36
10,64	1,30	312,66	126,89
10,66	1,27	304,83	151,43
10,68	1,29	300,48	187,65
10,70	1,25	303,53	222,70
10,72	1,27	300,92	248,99
10,74	1,28	293,96	258,92
10,76	1,31	291,79	255,42
10,78	1,35	284,83	237,31
10,80	1,37	279,18	230,29
10,82	1,40	267,44	227,37
10,84	1,47	259,18	229,12
10,86	1,54	252,66	225,03
10,88	1,60	257,00	223,87
10,90	1,64	271,35	218,61
10,92	1,64	296,13	237,31
10,94	1,64	329,18	237,31
10,96	1,64	355,27	231,46
10,98	1,70	370,92	216,27
11,00	1,74	382,65	206,92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11,02	1,84	391,35	199,33
11,04	1,94	403,52	177,71
11,06	2,03	407,44	166,03
11,08	2,03	423,96	173,63
11,10	2,02	435,26	170,70
11,12	1,94	447,87	153,76
11,14	1,79	472,23	132,73
11,16	1,71	483,10	111,70
11,18	1,60	483,53	76,06
11,20	1,60	470,92	51,53
11,22	1,61	437,01	43,93
11,24	1,70	407,01	53,86
11,26	1,76	369,62	76,06
11,28	1,85	331,79	91,84
11,30	2,04	272,23	100,01
11,32	2,25	255,70	114,03
11,34	2,45	258,31	130,39
11,36	2,62	250,92	133,32
11,38	2,70	251,36	129,81
11,40	2,75	280,92	121,63
11,42	2,69	324,84	124,55
11,44	2,58	379,18	131,56
11,46	2,46	404,40	140,91
11,48	2,38	444,40	157,27
11,50	2,36	474,40	174,21
11,52	2,31	503,10	186,48
11,54	2,25	503,10	208,10
11,56	2,14	493,97	219,19
11,58	1,96	491,36	251,33
11,60	1,80	488,31	283,45
11,62	1,70	457,88	299,81
11,64	1,66	431,36	302,74
11,66	1,71	403,53	286,38
11,68	1,72	387,01	251,33
11,70	1,73	380,49	235,55
11,72	1,77	357,01	223,87
11,74	1,79	333,53	216,27
11,76	1,83	327,01	224,45
11,78	1,84	317,44	229,71
11,80	1,84	327,87	211,01
11,82	1,86	323,09	207,51
11,84	1,90	320,05	200,50
11,86	1,88	315,70	200,50
11,88	1,77	315,70	194,66
11,90	1,79	289,61	194,66
11,92	1,89	274,83	189,98
11,94	1,91	264,40	388,03
11,96	1,94	257,01	370,50
11,98	1,91	263,96	368,75
12,00	1,90	273,53	424,84



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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12,02	1,91	280,92	482,67
12,04	1,85	298,31	487,34
12,06	1,85	317,44	455,22
12,08	1,84	331,79	430,10
12,10	1,84	346,57	392,12
12,12	1,83	359,18	364,08
12,14	1,84	395,28	360,57
12,16	1,87	383,97	368,17
12,18	1,89	366,15	377,52
12,20	1,89	350,93	367,58
12,22	1,89	339,63	359,40
12,24	1,89	325,71	374,01
12,26	1,84	319,19	409,06
12,28	1,75	308,76	460,47
12,30	1,70	300,06	479,75
12,32	1,71	290,50	452,29
12,34	1,75	277,02	445,28
12,36	1,79	270,50	500,20
12,38	1,80	263,98	594,84
12,40	1,79	260,93	600,68
12,42	1,83	257,45	476,83
12,44	1,84	250,93	352,39
12,46	1,84	252,67	312,08
12,48	1,89	255,71	268,85
12,50	1,84	262,24	264,18
12,52	1,79	278,76	289,30
12,54	1,80	288,32	300,40
12,56	1,89	296,15	294,56
12,58	2,01	293,98	275,28
12,60	2,09	292,67	267,10
12,62	2,15	300,06	275,28
12,64	2,21	297,89	258,92
12,66	2,28	295,28	212,18
12,68	2,34	308,32	167,78
12,70	2,40	332,67	160,19
12,72	2,49	346,58	194,07
12,74	2,58	365,28	223,87
12,76	2,64	388,76	223,28
12,78	2,64	426,58	204,59
12,80	2,69	460,93	191,74
12,82	2,66	480,06	216,86
12,84	2,62	513,98	237,31
12,86	2,70	505,28	229,12
12,88	2,72	506,58	209,26
12,90	2,72	514,41	174,79
12,92	2,72	516,15	174,21
12,94	2,69	537,02	213,94
12,96	2,68	558,32	299,81
12,98	2,69	579,62	307,41
13,00	2,68	603,97	302,74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13,02	2,57	631,80	296,31
13,04	2,40	639,62	237,31
13,06	2,22	651,79	190,57
13,08	2,19	636,14	159,02
13,10	2,16	617,44	142,08
13,12	2,21	593,53	132,73
13,14	2,26	569,62	125,72
13,16	2,07	243,99	109,95
13,18	2,16	254,86	90,08
13,20	2,20	258,33	79,57
13,22	2,22	267,47	70,80
13,24	2,25	274,43	78,98
13,26	2,22	277,47	64,38
13,28	2,21	291,38	66,13
13,30	2,23	288,34	85,41
13,32	2,25	281,82	98,26
13,34	2,16	283,99	81,90
13,36	2,11	288,34	66,13
13,38	2,07	283,99	53,28
13,40	2,07	269,21	62,04
13,42	2,01	260,95	54,44
13,44	1,98	255,30	32,83
13,46	1,95	247,03	28,74
13,48	1,97	236,16	4,79
13,50	1,99	229,64	-0,47
13,52	1,95	229,64	4,21
13,54	1,91	230,95	10,63
13,56	1,87	226,17	26,40
13,58	1,86	233,99	42,76
13,60	1,86	234,43	62,04
13,62	1,83	242,25	70,80
13,64	1,83	243,99	62,04
13,66	1,80	235,30	43,93
13,68	1,72	235,30	31,08
13,70	1,68	224,86	39,26
13,72	1,60	226,60	56,20
13,74	1,55	220,08	73,73
13,76	1,56	203,12	70,22
13,78	1,59	187,47	64,38
13,80	1,54	177,47	53,28
13,82	1,47	168,34	49,77
13,84	1,49	152,69	80,74
13,86	1,69	127,47	100,60
13,88	1,93	118,78	203,42
13,90	2,04	125,73	128,06
13,92	1,85	149,21	109,95
13,94	1,56	163,13	88,91
13,96	1,41	147,91	109,95
13,98	1,50	137,04	129,22
14,00	1,55	141,82	121,05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14,02	1,55	147,91	127,47
14,04	1,48	138,35	123,38
14,06	1,43	127,48	145,00
14,08	1,50	114,44	180,64
14,10	1,54	108,35	201,67
14,12	1,55	120,96	206,34
14,14	1,54	126,18	226,21
14,16	1,45	132,26	256,58
14,18	2,05	264,91	260,67
14,20	1,86	244,04	271,77
14,22	1,81	234,04	266,52
14,24	1,74	229,69	353,56
14,26	1,65	240,12	625,80
14,28	1,63	199,25	683,06
14,30	1,62	187,08	354,73
14,32	1,63	184,04	166,61
14,34	1,57	173,60	51,53
14,36	1,50	160,12	-3,98
14,38	1,47	148,82	6,54
14,40	1,49	152,30	63,79
14,42	1,59	147,51	136,23
14,44	1,57	149,68	162,53
14,46	1,50	151,42	121,63
14,48	1,62	149,25	63,21
14,50	1,85	130,99	18,81
14,52	2,13	124,03	-6,89
14,54	2,04	144,03	-16,24
14,56	1,74	155,34	-9,23
14,58	1,45	140,55	14,13
14,60	1,32	137,51	48,60
14,62	1,35	132,73	76,65
14,64	1,57	140,55	76,06
14,66	1,99	161,42	43,93
14,68	2,51	171,86	53,86
14,70	2,76	189,68	97,68
14,72	2,73	224,03	123,38
14,74	2,64	272,29	125,72
14,76	2,58	285,77	122,22
14,78	2,55	279,68	147,33
14,80	2,43	287,94	202,84
14,82	2,65	276,21	278,78
14,84	3,06	353,60	251,33
14,86	3,18	346,64	408,48
14,88	3,09	379,25	315,00
14,90	3,71	394,03	254,24
14,92	4,69	441,86	264,76
14,94	5,34	420,12	299,23
14,96	5,61	400,98	449,96
14,98	5,89	358,38	574,39
15,00	6,14	283,59	541,10

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15,02	6,42	220,11	463,98
15,04	6,66	179,24	356,48
15,06	6,87	155,33	296,89
15,08	7,05	163,59	282,87
15,10	7,27	174,02	298,65
15,12	7,32	173,59	294,56
15,14	7,04	184,02	274,11
15,16	6,54	188,80	256,58
15,18	6,03	181,41	220,36
15,20	5,67	174,02	171,87
15,22	5,46	153,58	132,15
15,24	5,27	101,41	112,28
15,26	5,42	97,49	80,15
15,28	5,67	110,97	34,00
15,30	5,81	122,28	-7,48
15,32	5,66	124,01	-30,26
15,34	5,47	129,67	-34,35
15,36	5,45	131,84	-20,33
15,38	5,50	142,71	-8,65
15,40	5,50	156,62	-0,47
15,42	5,46	191,84	16,47
15,44	5,40	213,58	31,08
15,46	5,27	238,80	39,26
15,48	5,33	296,62	42,18
15,50	5,36	320,54	48,02
15,52	5,52	325,32	64,96
15,54	5,55	304,88	91,25
15,56	5,51	300,97	113,45
15,58	5,51	317,06	116,37
15,60	5,53	339,67	102,94
15,62	5,55	318,36	86,00
15,64	5,54	313,58	66,71
15,66	5,52	315,75	50,36
15,68	5,59	323,14	43,93
15,70	5,64	332,71	43,93
15,72	5,63	327,49	53,28
15,74	5,48	310,96	64,96
15,76	5,21	311,40	64,38
15,78	4,87	299,22	49,77
15,80	4,58	261,83	38,67
15,82	4,31	235,74	31,66
15,84	4,06	219,65	24,07
15,86	3,92	245,30	78,98
15,88	3,85	293,57	69,05
15,90	3,86	336,61	64,96
15,92	4,04	379,21	57,37
15,94	4,73	432,69	49,19
15,96	5,94	506,60	39,26
15,98	6,79	475,73	30,49
16,00	6,89	398,77	15,31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16,02	6,41	379,64	-3,98
16,04	5,99	351,38	-19,75
16,06	5,76	269,21	-30,85
16,08	5,62	164,42	-32,02
16,10	5,56	124,86	4,79
16,12	5,45	143,99	63,79
16,14	5,25	168,77	98,85
16,16	5,03	166,16	163,11
16,18	4,50	111,38	258,33
16,20	4,43	83,12	263,59
16,22	4,49	63,12	303,90
16,24	4,71	68,77	413,15
16,26	5,09	91,38	515,39
16,28	5,54	126,17	433,60
16,30	5,80	154,43	271,19
16,32	5,80	185,73	222,11
16,34	5,82	197,91	211,60
16,36	6,01	212,25	240,22
16,38	6,26	199,21	297,48
16,40	6,44	175,73	368,75
16,42	6,47	160,95	338,37
16,44	6,55	134,43	306,82
16,46	6,64	121,38	262,43
16,48	6,71	124,86	247,23
16,50	6,70	110,52	233,22
16,52	6,53	94,43	207,51
16,54	6,22	83,13	32,83
16,56	5,89	77,47	33,42
16,58	5,65	75,73	-7,48
16,60	5,50	77,91	-34,94
16,62	5,50	77,04	-37,27
16,64	5,62	71,82	39,84
16,66	5,73	70,95	171,87
16,68	5,78	71,82	354,73
16,70	5,53	70,95	434,18
16,72	5,32	71,82	344,80
16,74	5,32	70,52	303,32
16,76	5,59	70,95	298,06
16,78	6,41	90,95	279,95
16,80	7,28	140,08	261,26
16,82	7,85	183,56	231,46
16,84	8,06	225,73	196,41
16,86	7,84	243,12	129,81
16,88	7,49	227,91	119,88
16,90	7,08	146,17	132,15
16,92	6,79	108,77	136,23
16,94	6,68	108,77	132,73
16,96	6,46	113,56	123,97
16,98	6,44	117,47	106,44
17,00	6,65	116,60	95,34

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17,02	7,35	106,60	89,50
17,04	8,83	111,82	87,75
17,06	10,91	132,25	80,74
17,08	12,92	158,34	63,79
17,10	14,09	173,12	55,03
17,12	14,87	196,60	59,12
17,14	15,08	204,43	78,98
17,16	14,74	171,38	131,56
17,18	14,40	120,08	211,60
17,20	14,29	131,82	253,66
17,22	14,25	150,08	253,08
17,24	14,24	159,21	233,22
17,26	14,11	162,26	192,32
17,28	13,82	154,43	182,97
17,30	13,84	150,08	188,23
17,32	14,04	150,95	203,42
17,34	14,22	151,39	208,68
17,36	14,56	152,69	215,69
17,38	15,01	151,38	230,29
17,40	15,58	148,78	236,72
17,42	16,04	152,69	250,74
17,44	16,41	158,77	244,32
17,46	16,61	166,16	240,81
17,48	16,75	169,21	238,47
17,50	16,66	171,81	225,03
17,52	16,66	175,72	200,50
17,54	16,79	178,77	175,38
17,56	17,19	180,07	142,66
17,58	17,48	183,54	100,60
17,60	17,68	188,33	62,04
17,62	17,66	198,33	28,16
17,64	17,56	206,58	1,87
17,66	17,36	210,06	-17,41
17,68	17,14	216,15	-31,43
17,70	17,53	216,58	-37,27
17,72	18,37	210,49	-40,78
17,74	18,90	212,66	-41,36
17,76	19,33	214,40	-39,03
17,78	19,77	207,87	-39,61
17,80	19,80	221,78	-44,87
17,82	19,65	231,78	-48,96
17,84	19,32	234,39	-52,46
17,86	18,70	245,69	-5,73
17,88	17,91	243,95	-13,90
17,90	17,09	241,34	-20,33
17,92	16,46	233,51	-25,00
17,94	16,06	229,59	-30,26
17,96	15,92	231,33	-34,35
17,98	15,94	227,85	-38,44
18,00	16,05	216,98	-41,95

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18,02	16,24	214,37	-44,87
18,04	16,58	211,32	-46,62
18,06	17,16	211,75	-47,21
18,08	17,73	197,40	-47,79
18,10	18,29	205,66	-48,37
18,12	19,01	207,40	-48,37
18,14	19,72	214,35	-48,37
18,16	19,53	202,19	-48,96
18,18	20,18	210,45	-50,13
18,20	20,61	216,55	-50,71
18,22	20,83	221,76	-51,30
18,24	20,81	224,37	-52,46
18,26	20,56	231,76	-52,46
18,28	19,96	242,63	-53,63
18,30	19,10	237,85	-54,22
18,32	18,16	240,45	-55,97
18,34	17,19	237,41	-58,31
18,36	16,07	236,10	-60,64
18,38	14,55	237,84	-62,40
18,40	13,39	227,84	-63,56
18,42	12,51	216,97	-64,15
18,44	11,89	204,36	-65,32
18,46	11,44	192,62	-67,66
18,48	11,20	186,96	-67,07
18,50	10,84	175,22	-66,48
18,52	10,60	159,13	-65,90
18,54	10,46	150,00	-64,15
18,56	10,36	142,17	-60,64
18,58	10,24	137,83	-58,31
18,60	10,15	133,48	-57,14
18,62	10,14	130,43	-55,97
18,64	10,18	127,83	-55,97
18,66	10,40	126,09	-55,97
18,68	10,72	125,65	-55,97
18,70	11,16	127,39	-55,97
18,72	11,71	126,96	-55,97
18,74	12,25	124,78	-55,97
18,76	12,82	125,22	-55,97
18,78	13,58	127,83	-55,97
18,80	14,60	133,05	-55,39
18,82	16,19	145,22	-55,39
18,84	17,80	155,22	-55,39
18,86	18,63	157,40	-55,39
18,88	18,53	163,92	1,28
18,90	19,96	168,27	-6,31
18,92	20,24	183,92	-10,99
18,94	22,67	207,40	-15,08
18,96	22,37	228,27	-16,83
18,98	23,48	258,27	-18,58
19,00	24,27	284,80	-19,16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19,02	9,05	77,47	-20,92
19,04	8,40	81,38	36,33
19,06	7,75	75,30	31,66
19,08	7,19	65,30	26,99
19,10	6,66	53,56	22,32
19,12	6,22	52,69	17,64
19,14	5,93	52,69	14,72
19,16	5,53	53,56	5,96
19,18	5,08	55,73	-3,39
19,20	4,50	68,77	-13,90
19,22	4,03	110,51	-20,33
19,24	3,87	158,34	-20,92
19,26	4,54	229,21	-9,23
19,28	7,43	273,99	40,43
19,30	11,38	356,16	132,15
19,32	13,98	360,08	185,89
19,34	15,02	360,94	189,40
19,36	15,20	352,25	171,87
19,38	15,11	260,51	166,61
19,40	15,01	183,55	179,47
19,42	14,99	133,55	200,50
19,44	15,10	113,55	222,11
19,46	15,28	123,99	241,98
19,48	15,29	123,55	250,74
19,50	14,77	117,46	237,31
19,52	14,16	113,98	220,36
19,54	13,32	113,55	196,41
19,56	12,48	110,94	175,38
19,58	11,77	107,89	163,69
19,60	11,41	106,15	161,94
19,62	11,32	107,89	163,11
19,64	11,43	108,33	173,04
19,66	11,48	103,98	182,97
19,68	11,17	100,50	173,04
19,70	10,72	98,32	164,86
19,72	10,59	87,89	158,44
19,74	10,53	77,89	154,34
19,76	10,68	80,06	159,60
19,78	11,64	94,40	200,50
19,80	12,95	113,10	248,40
19,82	14,29	128,31	294,56
19,84	15,55	127,44	305,66
19,86	16,39	154,83	278,78
19,88	16,04	153,53	155,52
19,90	15,96	121,36	126,31
19,92	15,83	117,45	145,58
19,94	16,42	157,02	186,48
19,96	17,66	194,41	233,22
19,98	18,78	200,06	274,11
20,00	19,37	183,97	290,47

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20,02	19,49	178,76	296,89
20,04	19,88	184,84	313,25
20,06	20,57	186,15	338,96
20,08	21,36	205,71	361,16
20,10	21,58	189,62	357,07
20,12	21,24	201,80	333,11
20,14	21,17	217,01	318,51
20,16	21,42	225,70	316,76
20,18	21,42	234,40	309,16
20,20	21,25	247,44	299,23
20,22	21,22	258,31	298,06
20,24	21,23	264,39	293,39
20,26	20,89	267,43	277,03
20,28	20,62	278,73	264,76
20,30	20,37	290,47	254,24
20,32	20,19	298,29	250,74
20,34	20,01	306,11	245,48
20,36	19,67	308,29	234,38
20,38	19,25	307,85	223,28
20,40	18,39	308,28	198,16
20,42	17,61	306,54	177,71
20,44	16,95	299,14	161,94
20,46	16,46	291,31	153,18
20,48	16,02	281,31	143,24
20,50	15,63	271,74	133,90
20,52	15,38	260,44	127,47
20,54	15,26	248,26	125,72
20,56	15,15	234,35	122,80
20,58	15,11	224,78	121,63
20,60	15,01	219,56	119,29
20,62	14,79	223,03	88,91
20,64	14,98	216,07	97,10
20,66	15,20	209,12	107,61
20,68	15,50	206,51	121,05
20,70	15,98	205,20	136,82
20,72	16,59	202,59	153,18
20,74	17,22	202,16	169,54
20,76	17,88	205,64	183,56
20,78	18,34	218,68	190,57
20,80	18,12	214,77	174,79
20,82	21,12	180,41	315,59
20,84	19,84	208,67	276,44
20,86	18,72	237,37	256,00
20,88	17,59	266,50	226,79
20,90	16,60	288,67	200,50
20,92	15,96	305,63	184,73
20,94	15,14	323,04	168,95
20,96	15,30	314,35	169,54
20,98	15,74	294,35	188,81
21,00	16,17	274,78	209,26

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA KM. 289+234

Cantiere TERZA C

Data 22/10/15

Preforo 3.00 m. p.c. Falda 2,90 ml

Prova **CPTU25**

Cert. N. 557/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21,02	16,66	253,48	229,12
21,04	17,04	237,39	241,39
21,06	17,14	226,96	245,48
21,08	17,11	223,04	245,48
21,10	17,20	224,35	254,24
21,12	17,31	231,30	265,34
21,14	17,39	241,30	272,94
21,16	17,50	253,04	284,04
21,18	17,66	263,04	295,14
21,20	17,75	268,69	303,32
21,22	17,56	278,26	208,68
21,24	17,51	284,78	211,01
21,26	17,41	291,74	215,69
21,28	17,37	300,87	209,26
21,30	17,47	305,65	201,67
21,32	17,20	306,09	185,31
21,34	16,99	308,26	134,48
21,36	17,02	307,39	142,08
21,38	20,36	169,56	564,46
21,40	20,95	195,64	511,30
21,42	19,94	236,51	424,84
21,44	19,20	270,42	372,26
21,46	18,80	297,38	341,88
21,48	18,76	322,16	329,02
21,50	18,76	344,33	321,43
21,52	18,82	367,81	313,84
21,54	18,76	385,20	301,57
21,56	18,45	384,33	284,63
21,58	18,21	380,41	268,27
21,60	18,20	379,10	262,43
21,62	18,42	372,15	268,27
21,64	18,74	365,19	275,86
21,66	19,07	353,45	284,63
21,68	19,27	345,62	285,21
21,70	19,08	336,92	272,36
21,72	18,81	336,92	258,92
21,74	18,42	336,49	242,56
21,76	17,70	338,66	218,02
21,78	17,09	341,27	198,16
21,80	16,83	343,88	189,40
21,82	17,05	346,05	195,24
21,84	17,34	344,75	201,67
21,86	17,45	336,05	200,50
21,88	17,22	321,71	184,73
21,90	16,81	316,92	170,12
21,92	17,06	300,40	169,54
21,94	17,78	293,44	177,71
21,96	20,22	201,73	212,18
21,98	21,63	169,12	204,00
22,00	20,74	178,69	204,59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22,02	19,72	239,13	197,00
22,04	14,40	175,65	255,42
22,06	14,78	178,69	257,75
22,08	14,74	183,04	247,82
22,10	14,52	191,74	239,64
22,12	14,38	201,74	240,81
22,14	14,59	210,00	254,24
22,16	15,18	219,56	278,20
22,18	16,04	229,56	302,74
22,20	16,73	236,52	319,10
22,22	17,13	240,00	324,94
22,24	17,26	240,87	324,35
22,26	16,64	247,83	303,32
22,28	15,39	258,26	259,50
22,30	14,08	262,61	222,11
22,32	12,99	267,39	194,66
22,34	11,98	267,39	166,03
22,36	11,25	261,74	153,76
22,38	10,71	248,26	144,42
22,40	10,23	229,56	140,91
22,42	9,96	201,73	139,74
22,44	9,71	184,78	149,09
22,46	9,91	168,25	166,61
22,48	10,48	161,30	205,76
22,50	11,42	157,38	237,31
22,52	12,66	159,12	266,52
22,54	14,36	166,08	303,32
22,56	15,93	182,17	336,03
22,58	17,12	212,17	348,31
22,60	17,55	245,64	338,37
22,62	17,65	276,08	320,85
22,64	17,38	300,86	298,06
22,66	16,88	324,78	277,61
22,68	16,06	349,12	254,24
22,70	15,37	369,99	239,06
22,72	14,99	379,99	238,47
22,74	15,26	360,43	254,83
22,76	15,68	331,30	271,19
22,78	15,69	310,86	267,68
22,80	15,43	289,56	258,33
22,82	15,10	270,42	246,65
22,84	14,78	254,77	237,89
22,86	14,47	246,08	232,63
22,88	14,36	243,47	233,80
22,90	14,46	239,99	240,81
22,92	14,70	233,03	251,33
22,94	15,04	225,64	265,34
22,96	15,01	203,91	302,15
22,98	15,43	197,39	285,79
23,00	15,90	210,00	297,48

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23,02	16,47	221,74	312,08
23,04	17,23	238,26	332,53
23,06	18,14	256,96	357,07
23,08	19,28	272,18	385,69
23,10	20,07	295,65	395,04
23,12	20,20	316,96	379,85
23,14	19,96	336,96	363,49
23,16	19,76	361,30	359,99
23,18	19,76	378,26	364,08
23,20	19,91	384,35	367,58
23,22	20,00	376,96	364,08
23,24	19,89	363,48	358,23
23,26	19,71	343,91	349,47
23,28	19,34	325,65	331,95
23,30	19,01	308,26	326,11
23,32	18,87	300,00	318,51
23,34	18,87	297,82	322,60
23,36	18,88	297,82	320,85
23,38	18,79	298,69	315,00
23,40	18,62	300,43	305,07
23,42	18,41	299,12	299,81
23,44	18,21	299,12	294,56
23,46	18,00	298,68	285,21
23,48	17,83	297,81	280,54
23,50	17,67	297,37	275,28
23,52	17,59	296,50	275,86
23,54	17,56	296,07	275,86
23,56	17,58	294,33	276,44
23,58	17,66	293,46	278,20
23,60	17,93	290,41	283,45
23,62	18,33	287,80	294,56
23,64	18,81	286,49	303,90
23,66	19,21	287,80	312,08
23,68	19,63	285,62	317,34
23,70	19,66	289,53	312,08
23,72	19,53	298,66	300,98
23,74	19,50	307,35	294,56
23,76	19,46	323,01	292,80
23,78	19,37	332,57	287,55
23,80	18,98	339,96	271,77
23,82	18,30	343,00	247,82
23,84	17,48	344,31	225,03
23,86	16,88	338,22	212,77
23,88	16,52	332,57	210,43
23,90	16,37	325,17	210,43
23,92	16,22	317,34	208,10
23,94	16,09	308,21	205,76
23,96	15,67	269,97	278,78
23,98	15,93	256,06	255,42
24,00	16,07	252,14	253,08



**Certificato n° 539/15 del 27/10/2015**

Committente: Autostrada del Brennero S.p.A.	Sondaggio: S25 km 289+234
Riferimento: Realizzazione della terza corsia	Data: 22/10/2015
Coordinate:	Quota: piano campagna
Perforazione:	

SCALA 1 :25 **STRATIGRAFIA** Pagina 1/1

Ø mm	metri batt.	LITOLOGIA	Campioni	RP	VT	Standard Penetration Test			Prel. % 0 --- 100	prof. m	DESCRIZIONE	Cass.
						m	S.P.T.	N Pt				
		Asfalto, nero.								0,30		
	1	Ghiaia sabbiosa, nocciola. Inclusi eterometrici subangolari, Ømax 6-8 cm.				1,5	7-7-7	14 A				1
	2	Limo debolmente sabbioso, nocciola.				1,6	0,8			2,15		
	3					1,5				3,00		

Sondatore: Sig. Giandomenico Iannuzzi  
Sonda: Atlas Copco A65 su Iveco 330  
Utilizzato carotiere semplice.

**Certificato n° 539/15 del 27/10/2015**

Committente: Autostrada del Brennero S.p.A.

Sondaggio: S25 km 289+234

Riferimento: Realizzazione della terza corsia

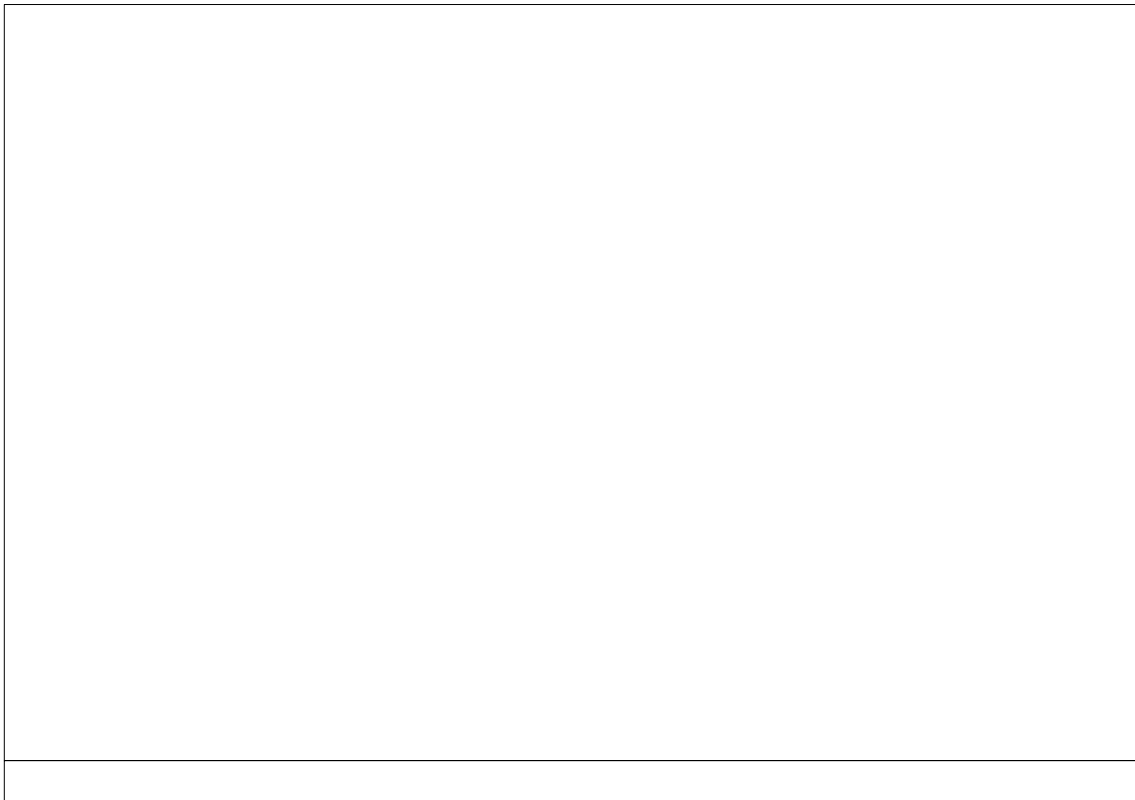
Data: 22/10/2015

Fotografie - Pagina 1/1

Pagina 1



Cassetta n° 1 - profondità da m 0,00 a m 3,00

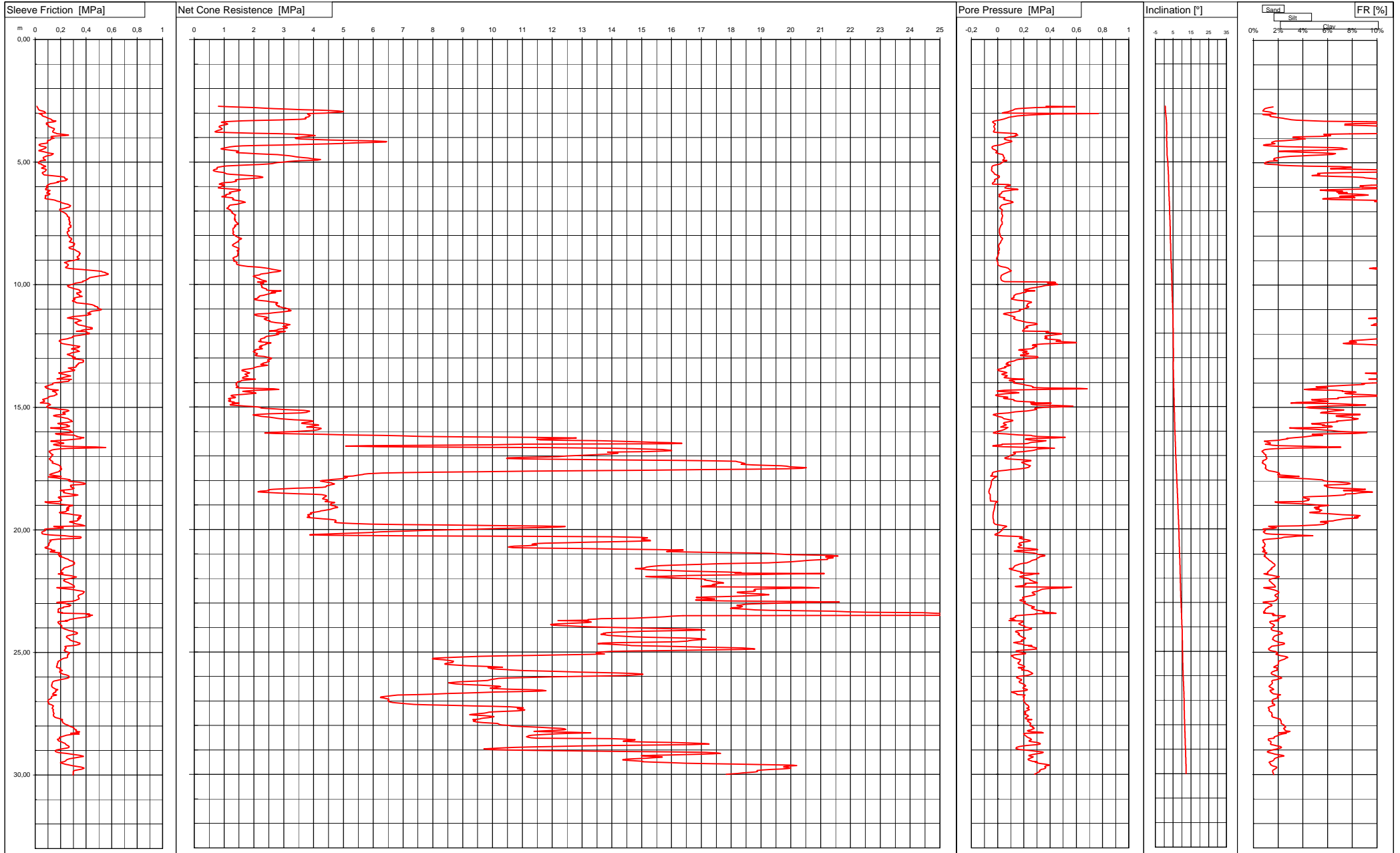


Committente AUTOSTRADA DEL BRENNERO  
 Località PIAZZOLA SUD KM.290+377  
 Cantiere TERZA C  
 Operatore Dr. Stanzani  
 Prova nr. CPTU26 Cert. N.558/15  
 Data 28/10/15 Emesso il 28/10/15  
 Falda 2,40 ml  
 Preforo 2.70 m. p.c.

# RE-CPTU4



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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova CPTU26

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2,72	0,81	13,06	368,75
2,74	1,14	14,80	590,75
2,76	1,53	17,40	453,46
2,78	2,00	20,01	291,64
2,80	2,37	21,75	207,51
2,82	2,67	23,05	157,85
2,84	3,08	25,23	133,32
2,86	3,61	28,70	122,22
2,88	4,20	32,18	118,71
2,90	4,57	43,92	108,19
2,92	4,84	61,31	95,34
2,94	5,00	72,18	84,24
2,96	4,92	76,96	64,96
2,98	4,65	77,39	48,02
3,00	4,40	82,18	35,17
3,02	3,82	29,52	768,35
3,04	3,80	38,22	437,69
3,06	3,82	50,83	307,41
3,08	3,86	54,74	241,98
3,10	3,89	53,00	195,24
3,12	3,86	60,39	150,84
3,14	3,85	69,96	121,05
3,16	3,82	83,00	98,85
3,18	3,73	92,13	81,90
3,20	3,72	96,92	70,22
3,22	3,75	107,78	59,70
3,24	3,73	118,65	50,36
3,26	3,54	127,78	38,67
3,28	2,86	130,83	17,64
3,30	2,16	130,39	-2,22
3,32	1,62	163,43	-19,75
3,34	1,18	156,47	-33,77
3,36	0,96	144,30	-38,44
3,38	0,91	112,56	-36,69
3,40	0,99	89,08	-32,02
3,42	1,09	86,91	-25,00
3,44	1,12	90,82	-18,00
3,46	1,12	89,08	-16,83
3,48	1,02	100,82	-20,92
3,50	0,94	103,86	-23,25
3,52	0,89	102,99	-26,18
3,54	0,84	106,47	-28,51
3,56	0,83	112,99	-29,10
3,58	0,84	122,12	-27,93
3,60	0,89	132,99	-25,59
3,62	0,91	144,72	-22,67
3,64	0,94	150,81	-20,92
3,66	0,93	149,07	-20,92
3,68	0,88	149,07	-22,09
3,70	0,82	144,72	-25,59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,72	0,77	141,68	-27,93
3,74	0,74	136,89	-30,85
3,76	0,70	136,89	-32,02
3,78	0,74	139,94	-27,34
3,80	1,18	153,41	5,96
3,82	1,95	163,85	95,34
3,84	2,80	168,63	143,83
3,86	3,34	202,98	145,58
3,88	3,62	241,24	141,49
3,90	3,95	262,54	154,34
3,92	4,06	232,98	132,15
3,94	3,90	139,94	139,74
3,96	3,76	123,85	107,02
3,98	3,59	131,68	86,00
4,00	3,46	136,46	70,22
4,02	3,38	148,63	60,29
4,04	3,41	135,16	53,28
4,06	3,57	125,16	50,36
4,08	3,95	119,94	56,20
4,10	4,61	117,76	71,97
4,12	5,34	96,90	90,08
4,14	6,04	99,07	106,44
4,16	6,45	98,63	108,78
4,18	6,43	96,03	99,43
4,20	5,99	96,46	79,57
4,22	5,43	96,90	62,04
4,24	4,92	72,11	51,53
4,26	4,44	45,16	42,76
4,28	3,84	31,68	32,24
4,30	3,03	29,94	15,89
4,32	2,20	34,72	-6,31
4,34	1,62	45,59	-25,00
4,36	1,37	63,42	-36,11
4,38	1,19	79,07	-41,36
4,40	1,12	86,89	-43,11
4,42	1,05	82,55	-42,53
4,44	0,95	77,76	-39,61
4,46	0,89	66,89	-37,27
4,48	0,95	57,76	-32,60
4,50	1,07	46,02	-22,67
4,52	1,25	32,11	-14,49
4,54	1,40	29,07	-7,48
4,56	1,48	53,41	-5,14
4,58	1,47	70,37	-6,31
4,60	1,41	84,28	-12,15
4,62	1,44	102,11	-14,49
4,64	1,74	122,11	-4,56
4,66	2,09	142,98	10,63
4,68	2,40	138,20	26,99
4,70	2,79	131,68	39,84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,72	3,00	122,11	41,59
4,74	3,17	98,20	45,10
4,76	3,27	82,11	44,52
4,78	3,39	76,46	45,10
4,80	3,51	66,90	48,02
4,82	3,64	62,11	50,36
4,84	3,82	66,03	52,11
4,86	3,94	65,16	49,77
4,88	4,08	69,94	48,02
4,90	4,23	77,33	45,68
4,92	4,13	81,68	38,67
4,94	3,60	48,65	71,39
4,96	3,37	38,22	57,37
4,98	3,17	32,13	47,44
5,00	2,99	28,66	39,26
5,02	2,80	25,18	31,66
5,04	2,71	25,18	29,33
5,06	2,62	30,83	24,07
5,08	2,46	48,22	16,47
5,10	2,22	49,96	4,21
5,12	1,84	59,96	-12,15
5,14	1,38	63,44	-30,26
5,16	1,08	81,70	-39,03
5,18	0,96	82,57	-41,95
5,20	0,84	68,66	-43,70
5,22	0,76	59,96	-44,87
5,24	0,76	50,83	-44,87
5,26	0,77	61,27	-44,29
5,28	0,77	77,79	-44,87
5,30	0,70	86,48	-44,87
5,32	0,66	86,48	-46,04
5,34	0,63	84,31	-46,04
5,36	0,66	79,96	-44,87
5,38	0,70	77,35	-42,53
5,40	0,82	68,66	-36,69
5,42	0,95	58,66	-32,02
5,44	1,02	55,62	-29,10
5,46	1,04	58,66	-27,34
5,48	1,08	61,27	-26,18
5,50	1,20	65,62	-20,92
5,52	1,44	71,71	-10,99
5,54	1,74	103,01	-0,47
5,56	1,97	139,10	10,05
5,58	2,15	186,06	12,38
5,60	2,24	218,67	12,97
5,62	2,30	229,10	11,22
5,64	2,24	233,88	8,29
5,66	2,08	233,01	2,45
5,68	1,80	235,62	-8,06
5,70	1,56	252,58	-17,41

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova CPTU26

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,72	1,42	240,84	-22,67
5,74	1,38	245,19	-23,84
5,76	1,40	236,06	-20,92
5,78	1,42	192,58	-20,92
5,80	1,37	172,58	-23,25
5,82	1,25	183,45	-29,68
5,84	1,02	166,06	-36,11
5,86	0,92	144,32	-39,03
5,88	0,88	119,10	-39,61
5,90	0,84	111,71	-39,03
5,92	0,96	101,73	82,49
5,94	1,02	96,08	96,51
5,96	1,01	98,25	91,25
5,98	0,92	86,95	70,22
6,00	0,91	87,82	63,79
6,02	0,84	101,30	61,45
6,04	0,81	93,91	55,61
6,06	0,81	89,56	56,20
6,08	0,95	83,04	79,57
6,10	1,26	84,34	142,66
6,12	1,45	83,04	155,52
6,14	1,55	99,12	116,96
6,16	1,52	118,25	88,33
6,18	1,43	108,26	63,21
6,20	1,35	97,39	44,52
6,22	1,26	103,48	34,00
6,24	1,17	93,91	29,91
6,26	1,22	90,00	29,91
6,28	1,23	111,74	29,91
6,30	1,17	115,22	21,15
6,32	1,09	111,30	10,05
6,34	1,05	102,17	17,06
6,36	1,08	81,74	17,64
6,38	1,04	78,26	12,38
6,40	0,96	84,35	10,05
6,42	0,93	83,05	12,38
6,44	1,13	78,27	31,66
6,46	1,29	79,14	55,03
6,48	1,30	76,96	55,03
6,50	1,32	88,70	46,85
6,52	1,29	114,35	44,52
6,54	1,30	146,96	52,69
6,56	1,37	158,70	65,55
6,58	1,53	166,10	90,08
6,60	1,59	183,49	98,26
6,62	1,66	200,45	112,87
6,64	1,71	201,75	118,12
6,66	1,64	206,53	107,61
6,68	1,56	226,53	96,51
6,70	1,53	237,40	79,57

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,72	1,44	255,66	60,29
6,74	1,32	264,36	41,59
6,76	1,21	271,75	31,08
6,78	1,17	279,14	25,82
6,80	1,16	273,93	23,48
6,82	1,17	272,19	22,32
6,84	1,15	263,06	19,98
6,86	1,14	248,27	17,64
6,88	1,09	233,49	16,47
6,90	1,09	221,75	18,22
6,92	1,16	193,50	29,33
6,94	1,17	193,50	31,66
6,96	1,22	193,50	35,75
6,98	1,23	200,03	35,17
7,00	1,23	202,63	33,42
7,02	1,23	212,20	32,24
7,04	1,27	222,20	32,24
7,06	1,27	226,98	31,08
7,08	1,26	236,11	29,91
7,10	1,29	237,42	31,08
7,12	1,33	245,24	31,66
7,14	1,35	247,85	33,42
7,16	1,39	249,59	35,75
7,18	1,36	253,50	38,09
7,20	1,36	251,33	38,67
7,22	1,36	255,68	35,75
7,24	1,36	264,81	34,58
7,26	1,36	269,16	34,00
7,28	1,36	265,24	32,83
7,30	1,35	269,16	30,49
7,32	1,35	267,42	31,08
7,34	1,38	261,76	29,33
7,36	1,35	269,59	28,16
7,38	1,36	269,59	28,16
7,40	1,38	267,42	29,33
7,42	1,38	270,46	31,08
7,44	1,40	273,50	34,00
7,46	1,42	272,63	34,58
7,48	1,42	274,81	34,00
7,50	1,47	269,16	35,17
7,52	1,46	269,59	35,17
7,54	1,47	266,98	35,17
7,56	1,41	273,94	29,91
7,58	1,36	281,76	25,82
7,60	1,36	278,72	24,07
7,62	1,39	276,98	23,48
7,64	1,35	282,20	21,15
7,66	1,35	278,72	19,39
7,68	1,35	267,85	18,22
7,70	1,31	259,59	17,06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,72	1,31	259,59	15,89
7,74	1,29	260,89	14,13
7,76	1,29	260,03	14,72
7,78	1,29	265,68	14,13
7,80	1,29	267,85	12,97
7,82	1,31	262,63	12,97
7,84	1,31	251,33	12,97
7,86	1,33	250,89	13,55
7,88	1,31	250,89	12,97
7,90	1,29	252,63	13,55
7,92	1,30	254,39	17,64
7,94	1,30	255,26	17,06
7,96	1,33	259,61	18,22
7,98	1,33	260,91	17,64
8,00	1,37	261,78	20,56
8,02	1,39	264,82	21,73
8,04	1,41	267,00	23,48
8,06	1,45	266,56	25,23
8,08	1,48	271,78	26,99
8,10	1,53	283,08	34,00
8,12	1,58	283,52	38,09
8,14	1,58	287,00	36,33
8,16	1,53	284,83	34,58
8,18	1,50	278,74	32,24
8,20	1,49	280,91	29,33
8,22	1,48	275,26	26,40
8,24	1,48	267,87	24,65
8,26	1,48	274,39	24,07
8,28	1,41	290,48	22,90
8,30	1,39	303,52	21,15
8,32	1,37	307,87	17,64
8,34	1,33	310,48	13,55
8,36	1,31	306,13	11,22
8,38	1,28	303,95	8,88
8,40	1,28	305,26	8,29
8,42	1,29	301,35	7,71
8,44	1,33	286,56	7,71
8,46	1,37	274,39	8,88
8,48	1,41	265,69	9,46
8,50	1,45	267,00	10,05
8,52	1,50	271,35	12,38
8,54	1,50	284,82	12,97
8,56	1,49	301,78	11,80
8,58	1,50	315,26	12,97
8,60	1,47	319,61	11,22
8,62	1,43	323,08	7,71
8,64	1,45	330,47	5,96
8,66	1,45	343,95	5,96
8,68	1,49	344,82	7,12
8,70	1,48	344,82	10,05

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova **CPTU26**

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,72	1,47	353,52	8,29
8,74	1,47	353,08	6,54
8,76	1,47	346,13	5,96
8,78	1,45	347,00	3,62
8,80	1,45	344,82	3,03
8,82	1,47	344,39	2,45
8,84	1,43	336,56	0,70
8,86	1,41	329,17	-1,64
8,88	1,36	330,48	-2,81
8,90	1,33	333,52	-5,14
8,92	1,30	338,31	-7,48
8,94	1,31	344,83	-6,89
8,96	1,32	338,31	-6,89
8,98	1,34	323,09	-5,14
9,00	1,32	310,05	-4,56
9,02	1,34	284,84	-5,14
9,04	1,32	266,57	-5,14
9,06	1,37	250,92	-2,22
9,08	1,43	237,88	0,11
9,10	1,44	229,18	0,11
9,12	1,42	241,36	1,87
9,14	1,42	248,75	0,11
9,16	1,42	253,10	0,70
9,18	1,44	260,05	1,87
9,20	1,49	260,05	4,21
9,22	1,55	255,70	7,71
9,24	1,64	254,40	13,55
9,26	1,80	246,14	25,23
9,28	2,03	240,49	40,43
9,30	2,21	237,44	58,54
9,32	2,37	246,14	73,73
9,34	2,48	272,66	81,90
9,36	2,55	311,36	85,41
9,38	2,61	363,97	88,91
9,40	2,73	418,31	92,42
9,42	2,82	455,27	96,51
9,44	2,91	492,23	105,27
9,46	2,85	521,36	98,26
9,48	2,75	528,32	85,41
9,50	2,62	550,49	76,65
9,52	2,54	550,49	70,22
9,54	2,44	566,57	59,70
9,56	2,31	573,97	50,36
9,58	2,22	572,23	43,93
9,60	2,20	552,23	36,92
9,62	2,12	535,27	29,91
9,64	2,02	507,44	26,40
9,66	1,98	487,44	25,82
9,68	2,01	459,18	25,23
9,70	2,05	439,18	24,65

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9,72	2,09	426,57	24,07
9,74	2,12	421,35	24,07
9,76	2,18	413,52	25,23
9,78	2,18	413,52	25,82
9,80	2,25	402,22	26,99
9,82	2,27	397,00	28,16
9,84	2,33	387,43	33,42
9,86	2,41	372,22	38,67
9,88	2,42	375,26	54,44
9,90	2,12	360,05	431,85
9,92	2,31	338,75	442,36
9,94	2,33	317,01	381,02
9,96	2,22	306,14	405,56
9,98	2,25	297,88	448,21
10,00	2,27	282,23	458,72
10,02	2,25	269,19	413,74
10,04	2,24	253,53	366,42
10,06	2,25	256,14	351,81
10,08	2,28	260,49	330,78
10,10	2,27	269,19	308,58
10,12	2,27	280,93	293,39
10,14	2,31	292,66	268,85
10,16	2,36	305,71	241,98
10,18	2,42	321,80	235,55
10,20	2,43	336,58	213,35
10,22	2,42	349,62	198,75
10,24	2,49	350,93	229,71
10,26	2,92	348,32	283,45
10,28	2,77	361,36	212,18
10,30	2,64	358,75	217,44
10,32	2,58	352,23	213,94
10,34	2,72	325,71	188,81
10,36	2,56	329,62	175,38
10,38	2,52	328,75	155,52
10,40	2,45	339,62	139,16
10,42	2,37	349,19	134,48
10,44	2,32	347,01	126,89
10,46	2,22	356,14	124,55
10,48	2,18	369,62	126,89
10,50	2,18	340,06	120,46
10,52	2,14	324,40	125,13
10,54	2,15	310,49	125,13
10,56	2,12	300,93	108,78
10,58	2,03	311,36	103,52
10,60	2,02	303,97	109,36
10,62	2,03	309,62	126,89
10,64	2,14	299,19	151,43
10,66	2,28	291,80	187,65
10,68	2,43	298,32	222,70
10,70	2,54	314,84	248,99

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10,72	2,67	318,32	258,92
10,74	2,79	325,71	255,42
10,76	2,80	359,19	237,31
10,78	2,75	403,53	230,29
10,80	2,73	427,45	227,37
10,82	2,77	447,88	229,12
10,84	2,77	460,06	225,03
10,86	2,77	469,19	223,87
10,88	2,85	465,71	218,61
10,90	2,81	490,07	237,31
10,92	2,91	490,07	237,31
10,94	2,95	493,98	231,46
10,96	3,04	490,07	216,27
10,98	3,11	503,55	206,92
11,00	3,21	519,20	199,33
11,02	3,19	520,07	177,71
11,04	3,15	505,29	166,03
11,06	3,25	476,16	173,63
11,08	3,23	448,33	170,70
11,10	3,09	439,20	153,76
11,12	2,92	426,15	132,73
11,14	2,77	428,33	111,70
11,16	2,63	411,80	76,06
11,18	2,47	421,37	51,53
11,20	2,16	438,33	43,93
11,22	2,03	428,33	53,86
11,24	2,02	408,32	76,06
11,26	2,07	375,28	91,84
11,28	2,13	343,54	100,01
11,30	2,25	301,37	114,03
11,32	2,39	279,63	130,39
11,34	2,44	266,58	133,32
11,36	2,46	253,54	129,81
11,38	2,42	288,75	121,63
11,40	2,34	329,62	124,55
11,42	2,37	335,28	131,56
11,44	2,39	344,41	140,91
11,46	2,44	361,80	157,27
11,48	2,54	350,49	174,21
11,50	2,52	336,58	186,48
11,52	2,57	329,19	208,10
11,54	2,66	311,37	219,19
11,56	2,75	314,41	251,33
11,58	2,92	320,50	283,45
11,60	3,06	330,06	299,81
11,62	3,12	336,15	302,74
11,64	3,21	339,19	286,38
11,66	3,13	365,71	251,33
11,68	3,06	382,23	235,55
11,70	3,01	394,41	223,87

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova **CPTU26**

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11,72	2,97	409,19	216,27
11,74	3,09	433,10	224,45
11,76	3,13	447,45	229,71
11,78	3,11	436,15	211,01
11,80	2,99	447,89	207,51
11,82	2,86	420,93	200,50
11,84	2,80	384,84	200,50
11,86	2,76	361,80	194,66
11,88	2,66	363,54	194,66
11,90	2,52	324,41	189,98
11,92	3,06	403,59	388,03
11,94	2,91	406,20	370,50
11,96	2,85	407,07	368,75
11,98	2,76	426,64	424,84
12,00	2,76	424,90	482,67
12,02	2,84	399,68	487,34
12,04	2,82	379,68	455,22
12,06	2,75	349,68	430,10
12,08	2,64	320,98	392,12
12,10	2,53	300,98	364,08
12,12	2,42	293,16	360,57
12,14	2,39	295,76	368,17
12,16	2,36	284,89	377,52
12,18	2,37	269,24	367,58
12,20	2,30	254,89	359,40
12,22	2,24	234,46	374,01
12,24	2,22	213,59	409,06
12,26	2,21	197,06	460,47
12,28	2,24	190,54	479,75
12,30	2,24	188,37	452,29
12,32	2,16	194,89	445,28
12,34	2,20	200,54	500,20
12,36	2,41	201,84	594,84
12,38	2,57	201,41	600,68
12,40	2,56	209,67	476,83
12,42	2,40	233,15	352,39
12,44	2,41	255,76	312,08
12,46	2,37	279,24	268,85
12,48	2,28	306,19	264,18
12,50	2,22	327,06	289,30
12,52	2,20	350,97	300,40
12,54	2,27	335,32	294,56
12,56	2,18	341,84	275,28
12,58	2,20	322,71	267,10
12,60	2,24	295,32	275,28
12,62	2,29	285,75	258,92
12,64	2,18	309,67	212,18
12,66	2,06	321,84	167,78
12,68	2,03	334,88	160,19
12,70	2,06	335,32	194,07

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12,72	2,00	346,62	223,87
12,74	1,98	327,49	223,28
12,76	2,02	306,62	204,59
12,78	2,04	287,05	191,74
12,80	2,06	280,10	216,86
12,82	2,11	267,92	237,31
12,84	2,11	251,40	229,12
12,86	2,08	259,23	209,26
12,88	2,05	272,27	174,79
12,90	2,06	286,18	174,21
12,92	2,15	293,57	213,94
12,94	2,34	290,54	299,81
12,96	2,44	314,88	307,41
12,98	2,52	310,54	302,74
13,00	2,58	294,01	296,31
13,02	2,59	301,41	237,31
13,04	2,56	332,28	190,57
13,06	2,52	360,97	159,02
13,08	2,46	378,36	142,08
13,10	2,48	376,19	132,73
13,12	2,51	379,67	125,72
13,14	2,51	379,67	109,95
13,16	2,46	375,32	90,08
13,18	2,42	358,36	79,57
13,20	2,34	341,40	70,80
13,22	2,30	341,40	78,98
13,24	2,32	333,58	64,38
13,26	2,23	336,19	66,13
13,28	2,34	328,79	85,41
13,30	2,46	320,10	98,26
13,32	2,32	325,31	81,90
13,34	2,21	320,53	66,13
13,36	2,11	318,36	53,28
13,38	2,03	291,40	62,04
13,40	2,00	260,10	54,44
13,42	1,98	272,27	32,83
13,44	1,88	281,83	28,74
13,46	1,72	291,40	4,79
13,48	1,63	310,53	-0,47
13,50	1,60	307,48	4,21
13,52	1,61	284,44	10,63
13,54	1,70	264,44	26,40
13,56	1,73	243,14	42,76
13,58	1,78	214,87	62,04
13,60	1,86	185,31	70,80
13,62	1,85	195,31	62,04
13,64	1,78	210,09	43,93
13,66	1,70	229,22	31,08
13,68	1,74	244,00	39,26
13,70	1,75	264,00	56,20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13,72	1,78	279,22	73,73
13,74	1,80	263,13	70,22
13,76	1,74	244,00	64,38
13,78	1,66	223,13	53,28
13,80	1,62	209,22	49,77
13,82	1,62	194,87	80,74
13,84	1,66	171,39	100,60
13,86	2,05	284,91	203,42
13,88	1,90	264,04	128,06
13,90	1,74	269,69	109,95
13,92	1,59	265,78	88,91
13,94	1,56	261,87	109,95
13,96	1,52	227,08	129,22
13,98	1,45	188,39	121,05
14,00	1,44	153,60	127,47
14,02	1,43	137,52	123,38
14,04	1,40	137,95	145,00
14,06	1,43	139,26	180,64
14,08	1,43	125,34	201,67
14,10	1,40	110,99	206,34
14,12	1,43	98,39	226,21
14,14	1,44	88,82	256,58
14,16	1,46	77,95	260,67
14,18	1,45	80,12	271,77
14,20	1,41	88,82	266,52
14,22	1,54	87,95	353,56
14,24	2,05	102,30	625,80
14,26	2,67	114,47	683,06
14,28	2,84	133,60	354,73
14,30	2,54	181,43	166,61
14,32	2,09	163,60	51,53
14,34	1,75	135,78	-3,98
14,36	1,62	144,91	6,54
14,38	1,73	156,64	63,79
14,40	1,90	161,43	136,23
14,42	2,06	164,47	162,53
14,44	2,07	168,38	121,63
14,46	1,90	170,99	63,21
14,48	1,66	170,56	18,81
14,50	1,44	158,38	-6,89
14,52	1,28	152,30	-16,24
14,54	1,23	135,78	-9,23
14,56	1,26	113,60	14,13
14,58	1,32	108,82	48,60
14,60	1,38	101,43	76,65
14,62	1,37	100,99	76,06
14,64	1,21	89,25	43,93
14,66	1,15	70,12	53,86
14,68	1,20	59,25	97,68
14,70	1,22	61,43	123,38

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova **CPTU26**

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14,72	1,22	68,38	125,72
14,74	1,15	74,47	122,22
14,76	1,16	72,73	147,33
14,78	1,22	62,73	202,84
14,80	1,34	48,82	278,78
14,82	1,27	39,68	251,33
14,84	1,51	101,00	408,48
14,86	1,39	108,39	315,00
14,88	1,28	115,35	254,24
14,90	1,20	120,13	264,76
14,92	1,21	111,00	299,23
14,94	1,43	98,83	449,96
14,96	1,70	94,91	574,39
14,98	1,93	91,00	541,10
15,00	2,13	94,91	463,98
15,02	2,21	105,35	356,48
15,04	2,24	123,17	296,89
15,06	2,43	154,04	282,87
15,08	2,70	192,74	298,65
15,10	3,02	238,39	294,56
15,12	3,36	257,09	274,11
15,14	3,68	264,48	256,58
15,16	3,87	255,35	220,36
15,18	3,87	245,35	171,87
15,20	3,79	221,87	132,15
15,22	3,78	217,09	112,28
15,24	3,57	232,74	80,15
15,26	3,04	223,17	34,00
15,28	2,50	235,78	-7,48
15,30	2,13	200,56	-30,26
15,32	1,97	161,87	-34,35
15,34	2,02	144,91	-20,33
15,36	2,14	153,61	-8,65
15,38	2,24	172,73	-0,47
15,40	2,40	199,69	16,47
15,42	2,54	222,30	31,08
15,44	2,69	236,21	39,26
15,46	2,78	257,08	42,18
15,48	2,89	264,04	48,02
15,50	3,07	269,25	64,96
15,52	3,35	274,91	91,25
15,54	3,69	285,78	113,45
15,56	3,93	283,60	116,37
15,58	3,99	291,86	102,94
15,60	3,93	269,68	86,00
15,62	3,80	241,42	66,71
15,64	3,66	206,64	50,36
15,66	3,60	177,94	43,93
15,68	3,66	183,16	43,93
15,70	3,87	220,99	53,28

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15,72	4,13	252,73	64,96
15,74	4,17	247,07	64,38
15,76	4,03	270,55	49,77
15,78	3,92	267,94	38,67
15,80	3,85	255,77	31,66
15,82	3,77	223,59	24,07
15,84	4,03	121,41	78,98
15,86	4,23	152,72	69,05
15,88	4,26	193,59	64,96
15,90	4,20	228,37	57,37
15,92	4,17	255,33	49,19
15,94	4,10	274,02	39,26
15,96	3,98	279,24	30,49
15,98	3,73	275,33	15,31
16,00	3,36	291,85	-3,98
16,02	2,93	296,63	-19,75
16,04	2,61	259,68	-30,85
16,06	2,37	210,11	-32,02
16,08	2,71	158,80	4,79
16,10	3,51	175,33	63,79
16,12	4,32	226,20	98,85
16,14	5,17	307,50	163,11
16,16	6,31	316,19	258,33
16,18	6,95	328,80	263,59
16,20	7,64	327,93	303,90
16,22	9,14	350,54	413,15
16,24	11,30	382,71	515,39
16,26	12,81	355,32	433,60
16,28	12,56	359,23	271,19
16,30	11,94	309,67	222,11
16,32	11,48	271,40	211,60
16,34	11,59	237,93	240,22
16,36	12,37	173,14	297,48
16,38	13,61	122,27	368,75
16,40	14,43	154,01	338,37
16,42	14,94	174,44	306,82
16,44	15,32	204,44	262,43
16,46	15,98	224,87	247,23
16,48	16,35	219,22	233,22
16,50	15,97	157,05	207,51
16,52	11,04	144,00	32,83
16,54	10,04	155,31	33,42
16,56	8,03	169,65	-7,48
16,58	5,81	216,61	-34,94
16,60	5,07	283,56	-37,27
16,62	6,25	476,17	39,84
16,64	8,54	553,13	171,87
16,66	11,68	410,52	354,73
16,68	13,91	252,26	434,18
16,70	14,68	194,86	344,80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16,72	15,18	150,95	303,32
16,74	15,70	133,12	298,06
16,76	15,92	127,90	279,95
16,78	16,00	113,99	261,26
16,80	15,79	109,64	231,46
16,82	15,14	113,98	196,41
16,84	13,86	111,80	129,81
16,86	13,99	120,50	119,88
16,88	14,20	122,67	132,15
16,90	14,09	125,28	136,23
16,92	13,96	135,28	132,73
16,94	13,63	140,50	123,97
16,96	13,20	133,54	106,44
16,98	12,86	129,63	95,34
17,00	12,52	127,02	89,50
17,02	12,21	126,15	87,75
17,04	11,74	123,97	80,74
17,06	11,01	120,93	63,79
17,08	10,51	116,58	55,03
17,10	10,47	111,36	59,12
17,12	11,05	113,10	78,98
17,14	12,41	120,05	131,56
17,16	14,43	120,92	211,60
17,18	16,30	122,23	253,66
17,20	17,45	136,57	253,08
17,22	18,16	137,88	233,22
17,24	18,23	139,62	192,32
17,26	18,33	132,23	182,97
17,28	18,36	138,31	188,23
17,30	18,46	153,96	203,42
17,32	18,40	166,13	208,68
17,34	18,34	177,44	215,69
17,36	18,72	185,26	230,29
17,38	19,15	192,65	236,72
17,40	19,67	194,39	250,74
17,42	19,86	201,35	244,32
17,44	19,97	202,65	240,81
17,46	20,27	197,43	238,47
17,48	20,52	195,69	225,03
17,50	20,38	206,99	200,50
17,52	19,86	207,42	175,38
17,54	18,74	203,94	142,66
17,56	17,01	200,03	100,60
17,58	15,16	190,90	62,04
17,60	13,20	193,07	28,16
17,62	11,27	188,72	1,87
17,64	9,57	177,85	-17,41
17,66	8,08	164,80	-31,43
17,68	7,05	150,02	-37,27
17,70	6,31	135,23	-40,78

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova CPTU26

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17,72	5,83	125,66	-41,36
17,74	5,70	113,92	-39,03
17,76	5,65	114,36	-39,61
17,78	5,49	144,79	-44,87
17,80	5,41	181,31	-48,96
17,82	5,32	204,79	-52,46
17,84	5,02	101,76	-5,73
17,86	5,14	120,89	-13,90
17,88	5,12	169,59	-20,33
17,90	5,08	190,90	-25,00
17,92	4,99	228,72	-30,26
17,94	4,84	260,46	-34,35
17,96	4,64	274,81	-38,44
17,98	4,46	265,25	-41,95
18,00	4,29	262,20	-44,87
18,02	4,23	271,33	-46,62
18,04	4,29	308,29	-47,21
18,06	4,42	347,42	-47,79
18,08	4,52	376,12	-48,37
18,10	4,60	389,16	-48,37
18,12	4,65	394,82	-48,37
18,14	4,70	382,64	-48,96
18,16	4,66	315,69	-50,13
18,18	4,58	278,73	-50,71
18,20	4,52	276,56	-51,30
18,22	4,43	283,51	-52,46
18,24	4,43	279,17	-52,46
18,26	4,41	283,51	-53,63
18,28	4,29	296,12	-54,22
18,30	3,93	304,82	-55,97
18,32	3,41	298,30	-58,31
18,34	2,95	293,95	-60,64
18,36	2,66	259,17	-62,40
18,38	2,48	215,25	-63,56
18,40	2,51	196,99	-64,15
18,42	2,42	225,69	-65,32
18,44	2,21	226,99	-67,66
18,46	2,14	227,86	-67,07
18,48	2,33	222,21	-66,48
18,50	2,63	242,21	-65,90
18,52	2,92	262,21	-64,15
18,54	3,47	279,60	-60,64
18,56	3,99	320,04	-58,31
18,58	4,28	334,82	-57,14
18,60	4,38	316,13	-55,97
18,62	4,43	275,26	-55,97
18,64	4,43	219,61	-55,97
18,66	4,41	185,69	-55,97
18,68	4,36	181,35	-55,97
18,70	4,35	187,87	-55,97

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18,72	4,33	194,39	-55,97
18,74	4,30	204,39	-55,97
18,76	4,35	199,18	-55,97
18,78	4,41	207,44	-55,39
18,80	4,48	208,74	-55,39
18,82	4,46	197,00	-55,39
18,84	4,47	188,31	-55,39
18,86	4,38	77,90	1,28
18,88	4,60	85,29	-6,31
18,90	4,71	106,60	-10,99
18,92	4,67	151,38	-15,08
18,94	4,60	187,91	-16,83
18,96	4,57	212,69	-18,58
18,98	4,59	246,17	-19,16
19,00	4,56	295,73	-20,92
19,02	4,61	287,91	-21,50
19,04	4,72	262,69	-21,50
19,06	4,72	267,04	-22,67
19,08	4,80	250,95	-22,09
19,10	4,81	249,65	-22,67
19,12	4,72	265,30	-24,42
19,14	4,66	252,25	-25,00
19,16	4,60	244,86	-25,59
19,18	4,56	262,25	-26,18
19,20	4,47	261,82	-26,76
19,22	4,35	247,04	-28,51
19,24	4,24	243,12	-29,10
19,26	4,21	237,47	-29,68
19,28	4,14	203,12	-31,43
19,30	3,99	190,08	-32,60
19,32	3,90	210,51	-33,19
19,34	3,90	251,38	-33,19
19,36	3,94	275,29	-33,19
19,38	3,88	301,38	-34,35
19,40	3,81	335,29	-34,94
19,42	3,81	360,08	-34,94
19,44	3,84	360,08	-34,94
19,46	3,87	354,43	-35,52
19,48	3,83	340,95	-36,11
19,50	3,79	350,94	-36,11
19,52	3,88	355,29	-36,11
19,54	4,07	331,38	-35,52
19,56	4,30	335,29	-33,77
19,58	4,50	343,99	-32,60
19,60	4,63	334,42	-32,02
19,62	4,74	332,24	-30,85
19,64	4,75	327,03	-30,85
19,66	4,75	275,29	-30,26
19,68	4,72	270,07	-30,26
19,70	4,71	288,76	-30,85

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19,72	4,78	307,46	-29,68
19,74	4,98	308,76	-27,93
19,76	5,31	324,41	-25,00
19,78	5,93	356,59	-19,75
19,80	6,94	370,94	-8,06
19,82	8,50	380,94	13,55
19,84	10,27	389,63	41,59
19,86	11,71	145,29	64,96
19,88	12,44	173,99	69,64
19,90	12,29	197,47	60,87
19,92	11,71	222,25	50,94
19,94	10,94	180,51	42,18
19,96	10,24	92,25	38,67
19,98	9,59	73,12	38,09
20,00	9,05	77,47	39,84
20,02	8,40	81,38	36,33
20,04	7,75	75,30	31,66
20,06	7,19	65,30	26,99
20,08	6,66	53,56	22,32
20,10	6,22	52,69	17,64
20,12	5,93	52,69	14,72
20,14	5,53	53,56	5,96
20,16	5,08	55,73	-3,39
20,18	4,50	68,77	-13,90
20,20	4,03	110,51	-20,33
20,22	3,87	158,34	-20,92
20,24	4,54	229,21	-9,23
20,26	7,43	273,99	40,43
20,28	11,38	356,16	132,15
20,30	13,98	360,08	185,89
20,32	15,02	360,94	189,40
20,34	15,20	352,25	171,87
20,36	15,11	260,51	166,61
20,38	15,01	183,55	179,47
20,40	14,99	133,55	200,50
20,42	15,10	113,55	222,11
20,44	15,28	123,99	241,98
20,46	15,29	123,55	250,74
20,48	14,77	117,46	237,31
20,50	14,16	113,98	220,36
20,52	13,32	113,55	196,41
20,54	12,48	110,94	175,38
20,56	11,77	107,89	163,69
20,58	11,41	106,15	161,94
20,60	11,32	107,89	163,11
20,62	11,43	108,33	173,04
20,64	11,48	103,98	182,97
20,66	11,17	100,50	173,04
20,68	10,72	98,32	164,86
20,70	10,59	87,89	158,44

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova CPTU26

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20,72	10,53	77,89	154,34
20,74	10,68	80,06	159,60
20,76	11,64	94,40	200,50
20,78	12,95	113,10	248,40
20,80	14,29	128,31	294,56
20,82	15,55	127,44	305,66
20,84	16,39	154,83	278,78
20,86	16,04	153,53	155,52
20,88	15,96	121,36	126,31
20,90	15,83	117,45	145,58
20,92	16,42	157,02	186,48
20,94	17,66	194,41	233,22
20,96	18,78	200,06	274,11
20,98	19,37	183,97	290,47
21,00	19,49	178,76	296,89
21,02	19,88	184,84	313,25
21,04	20,57	186,15	338,96
21,06	21,36	205,71	361,16
21,08	21,58	189,62	357,07
21,10	21,24	201,80	333,11
21,12	21,17	217,01	318,51
21,14	21,42	225,70	316,76
21,16	21,42	234,40	309,16
21,18	21,25	247,44	299,23
21,20	21,22	258,31	298,06
21,22	21,23	264,39	293,39
21,24	20,89	267,43	277,03
21,26	20,62	278,73	264,76
21,28	20,37	290,47	254,24
21,30	20,19	298,29	250,74
21,32	20,01	306,11	245,48
21,34	19,67	308,29	234,38
21,36	19,25	307,85	223,28
21,38	18,39	308,28	198,16
21,40	17,61	306,54	177,71
21,42	16,95	299,14	161,94
21,44	16,46	291,31	153,18
21,46	16,02	281,31	143,24
21,48	15,63	271,74	133,90
21,50	15,38	260,44	127,47
21,52	15,26	248,26	125,72
21,54	15,15	234,35	122,80
21,56	15,11	224,78	121,63
21,58	15,01	219,56	119,29
21,60	14,79	223,03	88,91
21,62	14,98	216,07	97,10
21,64	15,20	209,12	107,61
21,66	15,50	206,51	121,05
21,68	15,98	205,20	136,82
21,70	16,59	202,59	153,18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21,72	17,22	202,16	169,54
21,74	17,88	205,64	183,56
21,76	18,34	218,68	190,57
21,78	18,12	214,77	174,79
21,80	21,12	180,41	315,59
21,82	19,84	208,67	276,44
21,84	18,72	237,37	256,00
21,86	17,59	266,50	226,79
21,88	16,60	288,67	200,50
21,90	15,96	305,63	184,73
21,92	15,14	323,04	168,95
21,94	15,30	314,35	169,54
21,96	15,74	294,35	188,81
21,98	16,17	274,78	209,26
22,00	16,66	253,48	229,12
22,02	17,04	237,39	241,39
22,04	17,14	226,96	245,48
22,06	17,11	223,04	245,48
22,08	17,20	224,35	254,24
22,10	17,31	231,30	265,34
22,12	17,39	241,30	272,94
22,14	17,50	253,04	284,04
22,16	17,66	263,04	295,14
22,18	17,75	268,69	303,32
22,20	17,56	278,26	208,68
22,22	17,51	284,78	211,01
22,24	17,41	291,74	215,69
22,26	17,37	300,87	209,26
22,28	17,47	305,65	201,67
22,30	17,20	306,09	185,31
22,32	16,99	308,26	134,48
22,34	17,02	307,39	142,08
22,36	20,36	169,56	564,46
22,38	20,95	195,64	511,30
22,40	19,94	236,51	424,84
22,42	19,20	270,42	372,26
22,44	18,80	297,38	341,88
22,46	18,76	322,16	329,02
22,48	18,76	344,33	321,43
22,50	18,82	367,81	313,84
22,52	18,76	385,20	301,57
22,54	18,45	384,33	284,63
22,56	18,21	380,41	268,27
22,58	18,20	379,10	262,43
22,60	18,42	372,15	268,27
22,62	18,74	365,19	275,86
22,64	19,07	353,45	284,63
22,66	19,27	345,62	285,21
22,68	19,08	336,92	272,36
22,70	18,81	336,92	258,92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22,72	18,42	336,49	242,56
22,74	17,70	338,66	218,02
22,76	17,09	341,27	198,16
22,78	16,83	343,88	189,40
22,80	17,05	346,05	195,24
22,82	17,34	344,75	201,67
22,84	17,45	336,05	200,50
22,86	17,22	321,71	184,73
22,88	16,81	316,92	170,12
22,90	17,06	300,40	169,54
22,92	17,78	293,44	177,71
22,94	20,22	201,73	212,18
22,96	21,63	169,12	204,00
22,98	20,74	178,69	204,59
23,00	19,72	239,13	197,00
23,02	19,18	245,21	208,10
23,04	18,67	254,78	213,94
23,06	18,46	276,08	226,21
23,08	18,34	280,87	233,22
23,10	18,19	267,39	240,81
23,12	18,25	270,43	256,58
23,14	18,38	228,69	264,76
23,16	18,33	218,69	281,12
23,18	18,31	220,86	268,85
23,20	18,02	194,78	258,33
23,22	17,97	182,60	261,26
23,24	18,28	183,03	273,53
23,26	18,53	179,12	280,54
23,28	18,80	181,29	291,64
23,30	19,30	180,42	305,07
23,32	20,35	180,86	327,27
23,34	21,43	183,47	355,32
23,36	21,92	177,81	345,97
23,38	22,60	215,20	345,97
23,40	24,43	204,33	418,41
23,42	24,87	407,37	446,45
23,44	25,60	428,68	289,89
23,46	26,31	406,07	292,22
23,48	25,31	449,11	219,78
23,50	26,51	423,48	187,06
23,52	16,38	432,57	140,33
23,54	16,04	417,79	135,65
23,56	15,77	396,05	135,07
23,58	15,52	368,65	136,82
23,60	15,19	336,91	128,06
23,62	14,70	307,34	116,37
23,64	13,64	290,82	95,34
23,66	13,48	267,78	115,21
23,68	13,20	264,73	123,38
23,70	13,21	236,03	130,39

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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova **CPTU26**

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23,72	12,19	253,42	87,16
23,74	13,02	187,79	194,07
23,76	13,27	177,79	193,49
23,78	13,31	179,09	190,57
23,80	13,20	182,14	181,22
23,82	12,88	184,75	175,38
23,84	12,42	194,75	161,36
23,86	12,10	195,18	162,53
23,88	11,95	200,40	170,70
23,90	11,98	207,79	180,05
23,92	12,22	209,53	191,74
23,94	12,60	207,79	206,34
23,96	13,05	208,66	203,42
23,98	13,45	207,79	206,92
24,00	14,05	209,10	223,28
24,02	14,76	223,01	241,98
24,04	15,72	229,53	258,33
24,06	16,40	239,97	257,75
24,08	16,91	252,14	245,48
24,10	17,11	263,88	228,54
24,12	16,56	278,23	181,80
24,14	15,78	296,05	149,67
24,16	14,97	309,97	137,99
24,18	14,34	323,88	137,99
24,20	14,03	329,97	149,09
24,22	13,82	331,71	158,44
24,24	13,70	327,36	161,36
24,26	13,77	311,27	166,61
24,28	13,64	289,53	155,52
24,30	13,74	268,66	166,03
24,32	13,87	255,62	166,03
24,34	14,10	248,66	172,45
24,36	14,36	245,62	176,55
24,38	14,72	246,92	184,14
24,40	15,21	249,53	190,57
24,42	15,90	256,92	198,75
24,44	16,61	265,18	212,77
24,46	17,04	271,27	208,10
24,48	17,16	269,10	199,91
24,50	16,99	276,49	190,57
24,52	16,69	286,93	181,80
24,54	16,58	293,45	183,56
24,56	16,53	310,40	189,98
24,58	16,15	329,10	171,29
24,60	15,25	331,71	138,57
24,62	14,22	351,27	122,22
24,64	13,69	353,01	143,83
24,66	13,53	349,10	157,85
24,68	13,86	340,84	185,31
24,70	14,13	319,97	194,66

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24,72	14,55	295,62	206,34
24,74	14,66	255,21	261,84
24,76	15,43	233,90	236,13
24,78	16,17	236,08	256,58
24,80	16,94	241,30	270,60
24,82	17,77	242,60	285,79
24,84	18,40	237,82	295,73
24,86	18,70	233,47	297,48
24,88	18,79	234,34	296,31
24,90	18,33	233,04	259,50
24,92	17,32	227,82	218,02
24,94	15,99	230,86	162,53
24,96	14,75	238,69	140,33
24,98	13,96	255,21	145,58
25,00	13,64	262,60	160,19
25,02	13,52	268,69	178,89
25,04	13,47	267,82	189,98
25,06	13,65	263,03	214,52
25,08	13,75	254,77	202,84
25,10	13,28	258,25	164,86
25,12	12,39	253,46	130,98
25,14	11,32	253,46	109,95
25,16	10,29	253,03	101,18
25,18	9,60	255,63	114,03
25,20	9,01	253,46	118,12
25,22	8,64	247,37	122,22
25,24	8,30	226,06	125,13
25,26	8,03	213,89	136,23
25,28	7,99	207,37	147,33
25,30	8,13	202,15	163,11
25,32	8,35	198,23	175,38
25,34	8,52	189,97	171,87
25,36	8,61	183,45	171,29
25,38	8,69	178,23	169,54
25,40	8,65	180,40	166,61
25,42	8,67	178,67	163,11
25,44	8,58	176,49	155,52
25,46	8,47	173,45	154,93
25,48	8,40	173,88	159,02
25,50	8,41	172,58	163,11
25,52	8,56	173,01	173,63
25,54	8,78	171,27	184,73
25,56	9,15	168,23	197,00
25,58	9,54	169,10	202,25
25,60	9,92	168,23	206,34
25,62	10,33	173,88	202,84
25,64	9,85	198,23	157,27
25,66	9,89	196,49	175,96
25,68	9,98	193,02	181,80
25,70	10,15	196,49	192,32

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25,72	10,45	205,19	198,75
25,74	10,63	213,89	182,39
25,76	11,06	192,17	229,12
25,78	11,72	200,00	237,31
25,80	12,27	191,74	237,89
25,82	12,91	196,96	251,91
25,84	13,61	201,31	256,00
25,86	14,23	206,96	261,26
25,88	14,69	216,53	268,27
25,90	15,04	230,44	260,09
25,92	15,04	244,79	250,74
25,94	14,81	257,40	241,98
25,96	14,38	264,79	221,53
25,98	13,70	264,79	189,98
26,00	12,81	266,53	161,94
26,02	12,00	265,66	153,18
26,04	11,20	260,44	144,42
26,06	10,59	248,26	149,09
26,08	10,21	226,52	157,27
26,10	10,09	206,96	171,87
26,12	9,97	190,87	181,22
26,14	9,91	170,87	183,56
26,16	9,84	153,48	180,64
26,18	9,58	144,78	171,87
26,20	9,25	139,13	165,44
26,22	8,92	136,52	163,69
26,24	8,67	134,35	166,61
26,26	8,53	133,48	171,29
26,28	8,59	132,60	183,56
26,30	8,77	131,73	194,66
26,32	8,98	129,99	198,75
26,34	9,26	129,99	206,34
26,36	9,62	130,86	208,10
26,38	9,96	128,69	213,35
26,40	10,22	130,43	209,26
26,42	10,27	135,21	203,42
26,44	10,15	141,73	197,00
26,46	10,04	147,82	194,07
26,48	9,92	155,21	193,49
26,50	10,04	163,04	201,67
26,52	10,63	178,25	219,78
26,54	11,24	171,30	227,96
26,56	11,66	159,99	223,28
26,58	11,79	160,86	208,10
26,60	11,56	163,04	170,12
26,62	10,88	159,56	126,31
26,64	10,08	146,52	106,44
26,66	9,50	145,21	116,96
26,68	9,01	143,04	129,81
26,70	8,48	136,52	139,74



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Committente AUTOSTRADA DEL BRENNERO

Località PIAZZOLA SUD KM.290+377

Cantiere TERZA C

Data 28/10/15

Preforo 2.70 m. p.c. Falda 2,40 ml

Prova CPTU26

Cert. N. 558/15

Emesso il 28/10/15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26,72	7,99	147,82	146,75
26,74	7,50	168,25	147,92
26,76	6,82	143,92	209,26
26,78	6,63	134,79	200,50
26,80	6,52	128,71	202,84
26,82	6,38	126,97	195,24
26,84	6,26	127,84	200,50
26,86	6,25	128,71	198,16
26,88	6,37	120,45	202,84
26,90	6,40	116,10	200,50
26,92	6,52	109,58	201,08
26,94	6,52	104,36	197,58
26,96	6,52	100,45	198,16
26,98	6,50	100,89	198,16
27,00	6,52	98,71	200,50
27,02	6,51	99,58	201,67
27,04	6,55	105,23	202,84
27,06	6,65	106,11	205,76
27,08	6,80	106,98	210,43
27,10	6,97	107,84	213,35
27,12	7,12	120,02	213,35
27,14	7,37	128,72	217,44
27,16	7,85	138,28	227,96
27,18	8,53	144,81	230,29
27,20	9,37	141,76	234,97
27,22	10,07	139,59	235,55
27,24	10,58	136,98	237,89
27,26	10,88	133,50	237,89
27,28	11,03	133,07	234,38
27,30	10,91	136,98	222,11
27,32	10,83	140,46	230,88
27,34	10,95	143,94	238,47
27,36	11,08	141,77	241,39
27,38	11,07	140,03	231,46
27,40	10,84	140,46	222,70
27,42	10,48	142,20	211,01
27,44	10,13	142,64	204,00
27,46	9,88	144,81	204,59
27,48	9,80	147,85	213,35
27,50	9,71	147,42	214,52
27,52	9,56	144,38	209,26
27,54	9,32	142,20	204,59
27,56	9,23	142,20	213,94
27,58	9,38	144,81	227,37
27,60	9,68	144,37	232,05
27,62	9,93	151,77	235,55
27,64	10,05	154,81	226,21
27,66	10,00	164,37	223,87
27,68	9,86	175,68	213,94
27,70	9,70	189,59	211,60

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27,72	9,61	202,63	212,18
27,74	9,58	213,94	217,44
27,76	9,34	206,55	260,67
27,78	9,44	210,03	234,97
27,80	9,41	214,81	230,29
27,82	9,35	215,25	227,37
27,84	9,41	214,82	232,63
27,86	9,46	216,99	238,47
27,88	9,68	222,21	245,48
27,90	9,93	228,73	250,16
27,92	10,17	233,51	252,49
27,94	10,20	241,34	248,40
27,96	10,23	253,08	248,40
27,98	10,31	263,07	245,48
28,00	10,55	270,03	253,08
28,02	10,63	275,25	247,82
28,04	10,88	285,68	261,26
28,06	11,25	302,64	269,44
28,08	11,60	303,51	264,76
28,10	11,96	305,25	276,44
28,12	12,29	307,42	278,78
28,14	12,41	316,11	274,69
28,16	12,46	324,37	259,50
28,18	12,39	324,37	255,42
28,20	12,10	317,42	236,72
28,22	11,79	322,20	226,79
28,24	11,39	348,28	236,13
28,26	11,80	343,07	261,26
28,28	12,65	316,11	332,53
28,30	13,29	278,72	348,31
28,32	12,64	346,11	212,77
28,34	12,22	293,50	198,16
28,36	11,79	268,71	201,67
28,38	11,54	246,97	202,84
28,40	11,32	230,45	207,51
28,42	11,21	219,15	212,77
28,44	11,18	207,84	219,78
28,46	11,14	190,01	222,70
28,48	11,18	193,49	227,37
28,50	11,30	193,49	235,55
28,52	11,49	194,36	246,65
28,54	13,95	174,34	249,57
28,56	14,40	175,65	255,42
28,58	14,78	178,69	257,75
28,60	14,74	183,04	247,82
28,62	14,52	191,74	239,64
28,64	14,38	201,74	240,81
28,66	14,59	210,00	254,24
28,68	15,18	219,56	278,20
28,70	16,04	229,56	302,74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28,72	16,73	236,52	319,10
28,74	17,13	240,00	324,94
28,76	17,26	240,87	324,35
28,78	16,64	247,83	303,32
28,80	15,39	258,26	259,50
28,82	14,08	262,61	222,11
28,84	12,99	267,39	194,66
28,86	11,98	267,39	166,03
28,88	11,25	261,74	153,76
28,90	10,71	248,26	144,42
28,92	10,23	229,56	140,91
28,94	9,96	201,73	139,74
28,96	9,71	184,78	149,09
28,98	9,91	168,25	166,61
29,00	10,48	161,30	205,76
29,02	11,42	157,38	237,31
29,04	12,66	159,12	266,52
29,06	14,36	166,08	303,32
29,08	15,93	182,17	336,03
29,10	17,12	212,17	348,31
29,12	17,55	245,64	338,37
29,14	17,65	276,08	320,85
29,16	17,38	300,86	298,06
29,18	16,88	324,78	277,61
29,20	16,06	349,12	254,24
29,22	15,37	369,99	239,06
29,24	14,99	379,99	238,47
29,26	15,26	360,43	254,83
29,28	15,68	331,30	271,19
29,30	15,69	310,86	267,68
29,32	15,43	289,56	258,33
29,34	15,10	270,42	246,65
29,36	14,78	254,77	237,89
29,38	14,47	246,08	232,63
29,40	14,36	243,47	233,80
29,42	14,46	239,99	240,81
29,44	14,70	233,03	251,33
29,46	15,04	225,64	265,34
29,48	15,01	203,91	302,15
29,50	15,43	197,39	285,79
29,52	15,90	210,00	297,48
29,54	16,47	221,74	312,08
29,56	17,23	238,26	332,53
29,58	18,14	256,96	357,07
29,60	19,28	272,18	385,69
29,62	20,07	295,65	395,04
29,64	20,20	316,96	379,85
29,66	19,96	336,96	363,49
29,68	19,76	361,30	359,99
29,70	19,76	378,26	364,08



Certificato n° 548/15 del 28/10/2015

Committente: Autostrada del Brennero S.p.A.

Sondaggio: S26 km 290+377

Riferimento: Realizzazione della terza corsia

Data: 28/10/2015

Coordinate:

Quota: piano campagna

Perforazione:

SCALA 1 :25

## STRATIGRAFIA

Pagina 1/1

Ø mm	metri batt.	LITOLOGIA	Campioni	RP	VT	Standard Penetration Test			Prel. % 0 --- 100	prof. m	DESCRIZIONE	Cass.
						m	S.P.T.	N Pt				
										0.20	Asfalto, nero.	
	1					1,5	9-9-5	14 A			Ghiaia sabbiosa, nocciola-rossastra. Inclusi eterometrici subangolari, Ømax >10 cm.	1
										1.80	Ghiaia con sabbia, nocciola. Inclusi eterometrici subarrotondati, Ømax 8-10 cm.	
	2									2.20	Limo sabbioso, nocciola.	
						1.8						
						2.0						
										2.70		

Sondatore: Sig. Giandomenico Iannuzzi

Sonda: Atlas Copco A65 su Iveco 330

Utilizzato carotiere semplice.

**Certificato n° 548/15 del 28/10/2015**

Committente: Autostrada del Brennero S.p.A.

Sondaggio: S26 km 290+377

Riferimento: Realizzazione della terza corsia

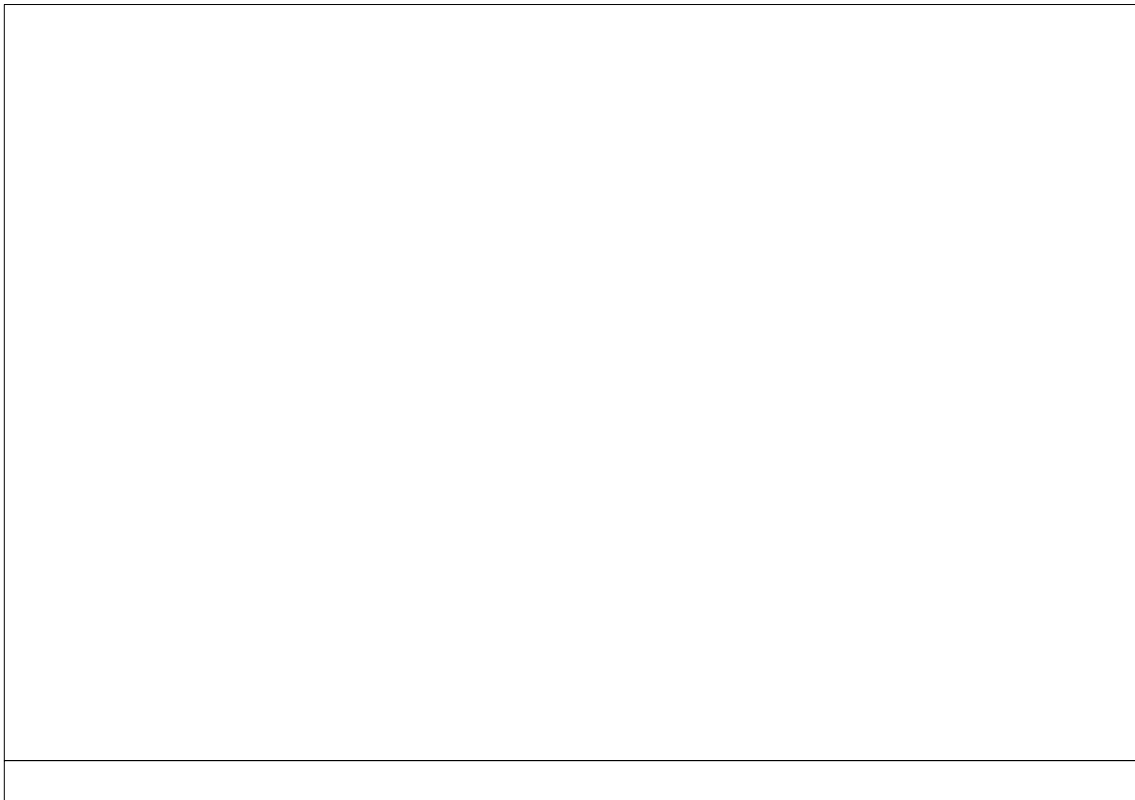
Data: 28/10/2015

Fotografie - Pagina 1/1

Pagina 1



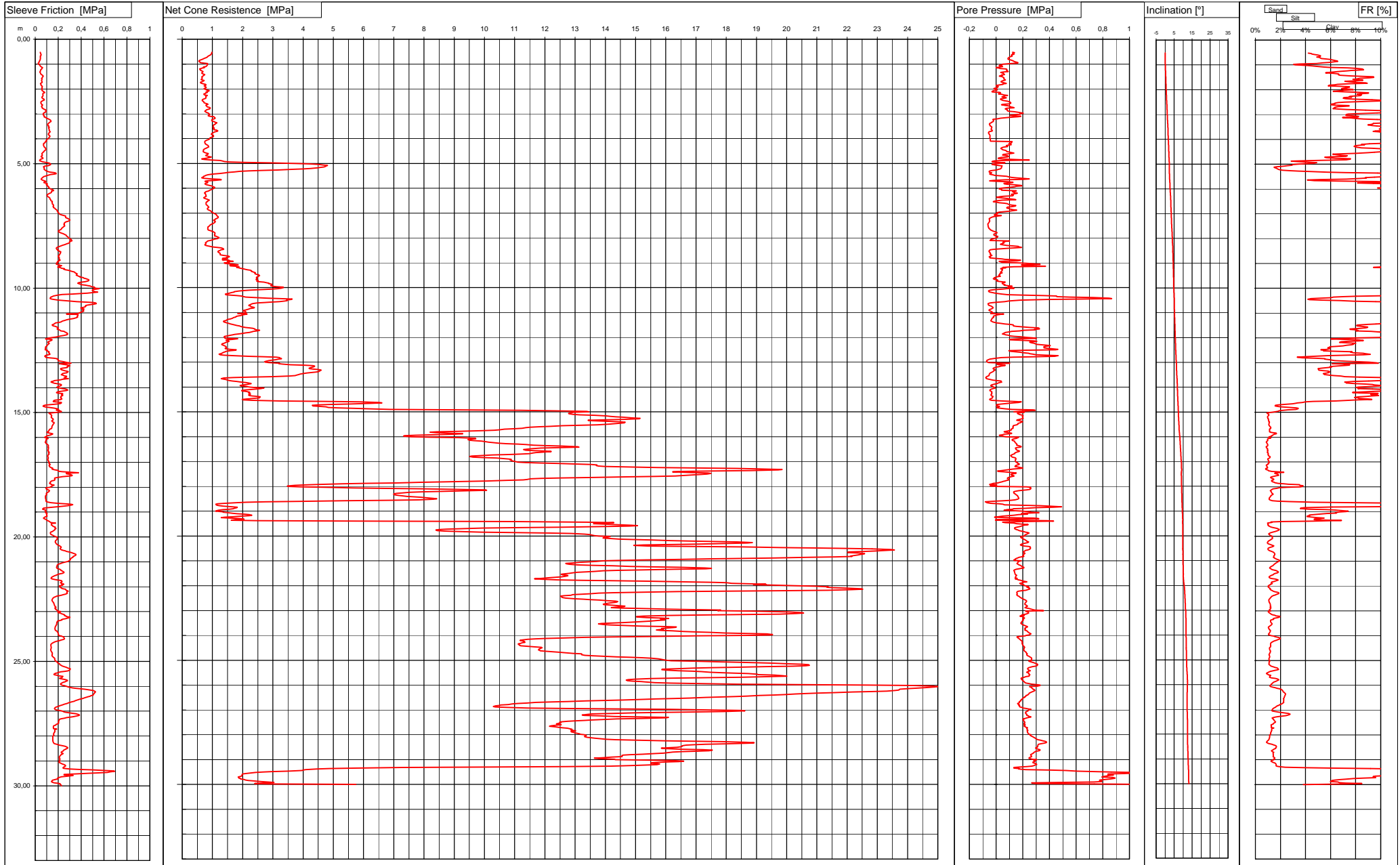
Cassetta n° 1 - profondità da m 0,00 a m 2,70



# RE-CPTU5

Committente AUTOSTRADA DEL BRENNERO  
Località ROLO  
Cantiere TERZA C  
Operatore Dr. Stanzani  
Prova nr. CPTU14 Cert. N.  
Data Emesso il  
Falda 1,30 ml  
Preforo 0,50 m. p.c.

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0,52	0,98	43,40	123,97
0,54	0,97	45,58	137,99
0,56	0,98	46,01	126,31
0,58	0,98	47,75	122,80
0,60	0,96	50,36	134,48
0,62	0,95	51,23	121,05
0,64	0,92	50,80	113,45
0,66	0,88	47,76	119,88
0,68	0,86	44,28	120,46
0,70	0,84	45,59	108,78
0,72	0,83	45,16	100,60
0,74	0,79	43,86	96,51
0,76	0,76	45,16	90,08
0,78	0,71	45,16	89,50
0,80	0,67	44,30	90,08
0,82	0,64	43,43	98,85
0,84	0,60	41,69	112,28
0,86	0,55	39,09	124,55
0,88	0,56	36,48	130,98
0,90	0,56	34,74	136,23
0,92	0,59	33,44	149,09
0,94	0,60	30,83	164,28
0,96	0,71	26,05	160,19
0,98	0,84	26,48	114,03
1,00	0,84	27,79	49,19
1,02	0,84	36,49	45,68
1,04	0,83	39,53	29,91
1,06	0,82	42,14	23,48
1,08	0,80	46,06	45,68
1,10	0,78	49,10	48,60
1,12	0,70	56,06	28,74
1,14	0,73	63,90	0,70
1,16	0,66	61,29	22,32
1,18	0,61	57,82	28,74
1,20	0,57	53,90	76,65
1,22	0,59	49,12	81,32
1,24	0,59	46,51	77,23
1,26	0,63	45,64	81,90
1,28	0,66	45,21	85,41
1,30	0,69	43,03	90,67
1,32	0,68	40,42	53,28
1,34	0,66	43,47	34,00
1,36	0,65	46,08	48,60
1,38	0,66	46,95	56,78
1,40	0,69	49,12	57,37
1,42	0,74	53,90	63,79
1,44	0,73	59,99	39,26
1,46	0,71	66,08	47,44
1,48	0,68	70,86	24,65
1,50	0,66	68,68	42,18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1,52	0,65	64,77	48,60
1,54	0,66	59,99	55,61
1,56	0,66	57,82	59,70
1,58	0,66	55,64	58,54
1,60	0,65	58,25	57,95
1,62	0,63	58,68	64,96
1,64	0,67	57,38	69,64
1,66	0,72	55,64	58,54
1,68	0,71	57,38	46,85
1,70	0,67	59,12	36,92
1,72	0,63	60,42	38,09
1,74	0,60	59,12	48,60
1,76	0,61	50,42	67,30
1,78	0,66	46,08	77,23
1,80	0,71	48,25	50,94
1,82	0,78	48,68	51,53
1,84	0,79	48,68	21,15
1,86	0,74	53,90	0,11
1,88	0,72	58,68	1,28
1,90	0,77	62,16	16,47
1,92	0,78	60,42	12,97
1,94	0,80	59,99	11,22
1,96	0,78	57,38	-0,47
1,98	0,72	60,42	-15,66
2,00	0,72	61,29	-5,73
2,02	0,77	58,25	4,21
2,04	0,81	59,99	8,29
2,06	0,89	58,68	-13,90
2,08	0,89	65,64	-23,25
2,10	0,84	72,16	-30,26
2,12	0,79	78,25	-29,10
2,14	0,83	82,60	26,99
2,16	0,79	72,60	33,42
2,18	0,77	67,82	27,57
2,20	0,71	66,08	17,64
2,22	0,71	65,64	42,18
2,24	0,74	67,38	59,70
2,26	0,83	68,25	85,41
2,28	0,81	65,64	62,04
2,30	0,78	64,78	60,87
2,32	0,78	59,12	44,52
2,34	0,78	58,69	63,79
2,36	0,79	61,30	76,06
2,38	0,77	64,78	53,86
2,40	0,72	74,34	33,42
2,42	0,69	76,95	32,83
2,44	0,67	79,12	38,67
2,46	0,66	70,86	50,94
2,48	0,67	59,99	69,64
2,50	0,69	53,04	87,16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2,52	0,71	50,43	104,11
2,54	0,71	48,25	106,44
2,56	0,72	49,12	111,11
2,58	0,78	50,43	108,19
2,60	0,83	53,47	98,26
2,62	0,86	57,82	54,44
2,64	0,80	64,78	40,43
2,66	0,78	63,04	66,13
2,68	0,80	56,52	91,25
2,70	0,81	55,65	104,11
2,72	0,83	56,08	107,02
2,74	0,89	59,99	126,89
2,76	0,92	60,87	135,07
2,78	0,92	65,65	81,32
2,80	0,91	71,73	68,47
2,82	0,86	82,61	74,31
2,84	0,81	91,74	84,24
2,86	0,78	94,35	84,24
2,88	0,77	90,00	84,82
2,90	0,75	93,48	93,59
2,92	0,77	94,78	135,07
2,94	0,79	85,22	167,78
2,96	0,84	75,22	185,89
2,98	0,87	69,56	202,84
3,00	0,89	69,56	179,47
3,02	0,91	70,87	181,22
3,04	0,90	70,87	139,16
3,06	0,86	74,78	105,86
3,08	0,86	76,96	129,22
3,10	0,90	80,44	184,73
3,12	1,05	78,27	170,12
3,14	1,06	87,40	104,11
3,16	1,08	95,66	69,05
3,18	1,09	103,49	34,00
3,20	1,06	113,92	10,05
3,22	0,99	123,05	-23,25
3,24	0,98	130,88	-23,84
3,26	0,97	134,36	-19,16
3,28	0,98	136,53	-18,58
3,30	0,99	137,84	-21,50
3,32	1,06	133,06	-23,25
3,34	1,09	125,23	-33,77
3,36	1,15	119,14	-36,11
3,38	1,14	117,40	-43,11
3,40	1,10	111,75	-48,37
3,42	1,09	107,84	-50,13
3,44	1,05	107,84	-48,37
3,46	1,04	111,32	-44,87
3,48	1,03	116,53	-45,45
3,50	1,03	115,66	-40,78

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,52	1,02	115,66	-33,77
3,54	1,02	122,62	-32,02
3,56	1,05	120,01	-32,02
3,58	1,06	116,53	-34,35
3,60	1,03	120,88	-36,11
3,62	1,04	121,32	-37,27
3,64	1,05	122,19	-35,52
3,66	1,14	120,45	-30,26
3,68	1,18	122,19	-27,93
3,70	1,17	128,27	-33,77
3,72	1,11	130,01	-50,13
3,74	1,06	126,97	-54,80
3,76	1,03	120,88	-57,14
3,78	1,00	118,28	-57,14
3,80	0,97	115,23	-54,22
3,82	0,96	114,36	-51,30
3,84	0,99	116,54	-48,96
3,86	1,02	121,32	-46,62
3,88	1,03	126,10	-45,45
3,90	1,03	128,28	-45,45
3,92	1,03	127,41	-46,04
3,94	0,99	123,06	-47,21
3,96	0,93	120,02	-47,21
3,98	0,91	117,41	-45,45
4,00	0,91	109,15	-43,70
4,02	0,90	103,50	-42,53
4,04	0,86	99,59	-43,70
4,06	0,82	96,98	-43,70
4,08	0,79	94,37	-43,70
4,10	0,75	97,41	-41,95
4,12	0,75	87,86	121,05
4,14	0,75	87,86	112,28
4,16	0,75	84,38	116,37
4,18	0,76	75,69	111,70
4,20	0,77	70,91	96,51
4,22	0,77	73,08	101,77
4,24	0,80	72,21	114,62
4,26	0,83	72,21	94,76
4,28	0,86	73,08	76,65
4,30	0,87	75,26	86,58
4,32	0,88	77,43	86,00
4,34	0,88	81,35	60,29
4,36	0,83	87,00	46,85
4,38	0,80	89,61	38,09
4,40	0,76	92,22	35,17
4,42	0,74	94,39	41,59
4,44	0,71	90,91	47,44
4,46	0,71	87,00	59,70
4,48	0,71	81,78	72,56
4,50	0,70	77,44	76,65

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,52	0,70	73,09	81,32
4,54	0,71	70,05	98,85
4,56	0,74	64,83	110,53
4,58	0,79	60,05	132,73
4,60	0,86	56,57	111,70
4,62	0,86	60,05	84,24
4,64	0,84	61,36	53,28
4,66	0,80	63,09	48,02
4,68	0,78	60,49	70,80
4,70	0,82	53,10	89,50
4,72	0,88	51,79	97,10
4,74	0,96	57,88	83,66
4,76	0,93	63,53	39,26
4,78	0,82	67,45	17,06
4,80	0,72	59,19	16,47
4,82	0,65	50,49	46,85
4,84	0,71	42,23	121,05
4,86	0,96	40,93	248,40
4,88	1,26	37,02	56,78
4,90	1,32	48,76	-14,49
4,92	1,40	62,24	-30,85
4,94	1,56	80,50	-23,84
4,96	2,07	101,37	25,23
4,98	2,94	121,37	66,13
5,00	3,78	131,80	11,80
5,02	4,24	130,50	-20,33
5,04	4,50	134,41	-30,85
5,06	4,66	122,24	-5,73
5,08	4,80	113,54	18,22
5,10	4,76	83,13	46,27
5,12	4,75	71,82	42,76
5,14	4,69	73,13	40,43
5,16	4,57	76,60	41,01
5,18	4,47	79,65	39,84
5,20	4,25	77,91	35,17
5,22	4,00	76,60	31,08
5,24	3,62	80,08	17,06
5,26	3,16	87,91	3,62
5,28	2,62	92,69	-25,59
5,30	2,20	101,39	-45,45
5,32	1,91	116,17	-51,30
5,34	1,71	133,13	-51,88
5,36	1,52	164,00	-47,21
5,38	1,43	180,52	-33,19
5,40	1,25	183,13	-42,53
5,42	1,07	164,43	-48,37
5,44	0,94	132,69	-44,29
5,46	0,84	113,56	-26,76
5,48	0,78	99,21	-7,48
5,50	0,76	90,08	36,92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,52	0,71	74,86	79,57
5,54	0,70	67,47	98,26
5,56	0,66	64,00	115,21
5,58	0,65	58,78	148,50
5,60	0,70	54,86	191,15
5,62	0,94	51,39	248,99
5,64	1,25	54,00	202,84
5,66	1,29	63,56	68,47
5,68	1,06	75,73	-19,75
5,70	0,82	87,04	-48,96
5,72	0,76	94,00	-2,22
5,74	0,83	77,91	94,17
5,76	0,84	74,86	126,31
5,78	0,83	86,60	107,61
5,80	0,77	104,43	59,12
5,82	0,76	105,73	62,04
5,84	0,77	95,74	86,58
5,86	0,81	98,78	134,48
5,88	0,90	107,04	187,65
5,90	0,96	108,34	194,07
5,92	1,00	113,13	149,09
5,94	1,02	119,21	141,49
5,96	1,07	116,17	101,18
5,98	1,06	123,13	64,96
6,00	1,05	127,91	33,42
6,02	1,01	137,48	22,32
6,04	0,97	147,91	39,84
6,06	0,96	156,18	40,43
6,08	0,91	160,96	41,01
6,10	0,88	142,71	151,43
6,12	0,84	144,01	130,98
6,14	0,79	142,27	123,38
6,16	0,76	139,23	132,73
6,18	0,74	133,14	146,17
6,20	0,74	122,27	159,60
6,22	0,76	113,14	142,66
6,24	0,78	105,32	113,45
6,26	0,78	103,14	128,06
6,28	0,79	103,58	129,81
6,30	0,79	106,62	123,38
6,32	0,80	107,06	56,20
6,34	0,76	116,62	26,99
6,36	0,73	122,71	3,03
6,38	0,71	127,49	32,24
6,40	0,73	127,92	63,21
6,42	0,76	128,79	93,00
6,44	0,83	132,27	135,65
6,46	0,86	135,32	148,50
6,48	0,89	136,62	45,68
6,50	0,86	142,71	1,28

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,52	0,83	149,66	-13,32
6,54	0,83	147,06	-20,33
6,56	0,80	146,19	0,11
6,58	0,79	148,79	22,32
6,60	0,79	149,23	62,04
6,62	0,79	149,23	83,07
6,64	0,79	155,32	93,00
6,66	0,80	158,80	101,18
6,68	0,82	160,10	119,88
6,70	0,83	156,62	147,92
6,72	0,85	154,88	137,40
6,74	0,86	160,10	116,96
6,76	0,88	159,67	86,58
6,78	0,86	165,75	79,57
6,80	0,84	171,41	83,66
6,82	0,83	176,62	97,10
6,84	0,83	181,40	104,11
6,86	0,85	187,93	126,31
6,88	0,88	190,53	153,76
6,90	0,92	194,88	130,98
6,92	0,95	192,28	98,26
6,94	0,96	195,32	63,79
6,96	0,97	200,54	25,23
6,98	1,02	204,01	4,79
7,00	1,04	207,06	2,45
7,02	1,07	211,41	10,63
7,04	1,10	218,80	0,11
7,06	1,14	228,80	-12,74
7,08	1,14	243,58	-13,32
7,10	1,15	264,46	39,26
7,12	1,16	264,89	5,37
7,14	1,19	264,46	-18,00
7,16	1,19	264,89	-29,68
7,18	1,19	272,28	-37,27
7,20	1,16	281,85	-46,04
7,22	1,13	292,72	-51,30
7,24	1,10	297,50	-50,13
7,26	1,08	301,85	-50,13
7,28	1,04	301,41	-50,71
7,30	1,04	293,15	-48,96
7,32	1,07	281,85	-47,79
7,34	1,10	268,81	-50,71
7,36	1,08	259,67	-51,30
7,38	1,07	254,89	-53,63
7,40	1,04	250,98	-56,56
7,42	1,02	254,46	-59,47
7,44	0,99	249,67	-61,81
7,46	0,94	250,98	-61,81
7,48	0,92	255,76	-60,64
7,50	0,91	257,06	-60,64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,52	0,90	252,28	-59,47
7,54	0,87	244,89	-58,89
7,56	0,84	239,24	-58,31
7,58	0,85	234,02	-55,39
7,60	0,84	231,41	-55,39
7,62	0,84	228,37	-52,46
7,64	0,84	224,45	-47,79
7,66	0,84	217,06	-44,87
7,68	0,87	209,67	-38,44
7,70	0,92	203,15	-30,85
7,72	0,96	201,84	-26,18
7,74	1,02	204,45	-12,15
7,76	1,04	216,19	-1,05
7,78	1,07	223,58	5,96
7,80	1,08	233,58	5,96
7,82	1,08	245,32	-5,14
7,84	1,08	255,32	-15,08
7,86	1,07	264,45	-18,58
7,88	1,07	270,10	-16,24
7,90	1,08	271,41	-12,15
7,92	1,07	278,36	-1,64
7,94	1,14	283,58	12,38
7,96	1,18	287,06	9,46
7,98	1,21	288,36	4,79
8,00	1,21	292,71	-1,64
8,02	1,18	306,19	-16,83
8,04	1,09	310,97	-29,68
8,06	1,04	309,67	-38,44
8,08	0,97	320,10	-42,53
8,10	0,92	319,23	-44,87
8,12	0,85	297,94	101,18
8,14	0,83	301,85	73,73
8,16	0,80	300,98	53,28
8,18	0,78	297,50	50,36
8,20	0,77	289,68	59,70
8,22	0,78	276,20	48,02
8,24	0,78	262,28	35,75
8,26	0,77	250,54	32,83
8,28	0,75	238,37	49,77
8,30	0,78	227,93	81,90
8,32	0,84	214,02	124,55
8,34	0,92	204,02	166,61
8,36	1,02	192,28	174,79
8,38	1,16	185,76	190,57
8,40	1,28	184,02	142,66
8,42	1,33	185,33	87,75
8,44	1,37	188,81	19,39
8,46	1,37	202,72	-23,25
8,48	1,28	195,33	-45,45
8,50	1,25	204,46	-48,96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,52	1,22	211,85	-52,46
8,54	1,18	223,15	-53,63
8,56	1,18	219,24	-50,71
8,58	1,20	221,85	-48,37
8,60	1,23	220,11	-44,29
8,62	1,26	216,20	-43,70
8,64	1,26	212,72	-40,20
8,66	1,26	210,11	-43,11
8,68	1,26	210,54	-41,95
8,70	1,38	203,15	-30,26
8,72	1,50	200,54	-38,44
8,74	1,55	203,15	-43,11
8,76	1,56	209,24	-51,30
8,78	1,47	207,94	-41,95
8,80	1,51	207,07	-47,79
8,82	1,33	207,50	-17,41
8,84	1,33	211,41	46,27
8,86	1,47	213,59	64,96
8,88	1,32	216,63	140,91
8,90	1,55	203,15	182,97
8,92	1,56	204,02	157,85
8,94	1,68	192,72	22,32
8,96	1,49	200,55	31,66
8,98	1,55	187,94	45,68
9,00	1,39	188,81	154,93
9,02	1,40	187,50	223,87
9,04	1,51	184,02	272,36
9,06	1,75	210,55	330,78
9,08	1,85	214,03	189,98
9,10	1,58	230,55	195,82
9,12	1,59	214,46	284,63
9,14	1,79	199,24	370,50
9,16	1,88	195,77	133,90
9,18	1,80	218,37	50,36
9,20	1,87	228,81	71,39
9,22	1,92	254,46	42,76
9,24	2,00	247,94	33,42
9,26	2,09	262,72	49,19
9,28	2,15	284,90	44,52
9,30	2,25	300,98	46,85
9,32	2,29	316,20	43,93
9,34	2,28	333,59	39,84
9,36	2,32	343,15	39,26
9,38	2,37	345,77	32,24
9,40	2,42	353,59	45,68
9,42	2,40	365,33	36,33
9,44	2,40	364,89	28,16
9,46	2,45	361,41	29,91
9,48	2,53	357,06	24,65
9,50	2,54	367,93	18,81



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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9,52	2,56	374,45	23,48
9,54	2,52	391,85	32,83
9,56	2,51	390,54	10,05
9,58	2,46	418,37	-2,22
9,60	2,45	425,32	-13,90
9,62	2,48	442,71	-10,40
9,64	2,47	452,28	-20,33
9,66	2,45	466,19	-12,74
9,68	2,45	467,06	4,21
9,70	2,50	466,62	13,55
9,72	2,51	457,49	3,03
9,74	2,47	435,31	11,22
9,76	2,53	407,05	40,43
9,78	2,71	382,70	67,89
9,80	2,80	371,39	52,11
9,82	2,87	380,52	45,68
9,84	2,87	388,78	47,44
9,86	2,95	406,17	53,28
9,88	2,97	439,21	66,71
9,90	2,95	456,60	59,70
9,92	2,93	480,08	83,07
9,94	2,99	491,38	120,46
9,96	3,11	516,17	95,92
9,98	3,34	517,04	91,84
10,00	3,35	513,99	87,75
10,02	3,28	557,03	135,07
10,04	3,17	533,12	78,40
10,06	2,98	502,25	50,94
10,08	2,53	497,91	-18,00
10,10	2,23	499,65	-42,53
10,12	2,03	507,91	-53,63
10,14	1,88	517,04	-57,72
10,16	1,72	543,56	-53,05
10,18	1,71	507,04	-47,21
10,20	1,64	451,82	-29,68
10,22	1,56	383,12	-5,73
10,24	1,49	324,86	17,64
10,26	1,43	235,30	42,76
10,28	1,44	194,86	87,16
10,30	1,60	177,91	211,01
10,32	1,81	158,77	355,32
10,34	1,96	147,90	452,88
10,36	2,04	135,29	455,22
10,38	2,10	134,43	549,86
10,40	2,38	130,08	729,21
10,42	2,82	130,51	846,05
10,44	3,24	141,82	866,50
10,46	3,64	164,43	639,82
10,48	3,59	203,12	376,93
10,50	3,45	249,64	185,31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10,52	3,47	296,60	137,40
10,54	3,40	360,52	94,76
10,56	3,21	434,86	64,96
10,58	2,95	507,04	22,32
10,60	2,73	527,47	-16,83
10,62	2,47	533,99	-45,45
10,64	2,33	517,91	-60,06
10,66	2,29	491,38	-60,06
10,68	2,27	454,43	-58,89
10,70	2,21	438,34	-57,14
10,72	2,20	440,08	-48,96
10,74	2,26	440,52	-39,61
10,76	2,28	428,78	-30,85
10,78	2,33	413,12	-25,59
10,80	2,39	396,17	-22,67
10,82	2,37	403,99	-22,09
10,84	2,23	424,86	-30,26
10,86	2,21	423,99	-37,27
10,88	2,16	412,25	-47,79
10,90	2,08	418,34	-53,05
10,92	2,03	423,56	-51,88
10,94	2,01	417,03	-44,87
10,96	2,08	403,99	-37,86
10,98	2,11	392,25	-29,10
11,00	2,10	387,03	-26,18
11,02	2,11	370,94	-22,09
11,04	1,84	271,81	-40,20
11,06	2,14	366,59	56,20
11,08	2,08	373,55	29,33
11,10	1,99	371,38	8,29
11,12	1,95	368,77	-3,39
11,14	1,85	365,29	-17,41
11,16	1,79	370,94	-20,33
11,18	1,77	363,12	-18,58
11,20	1,71	354,42	-19,75
11,22	1,68	331,81	-27,93
11,24	1,65	307,90	-29,68
11,26	1,59	286,59	-32,60
11,28	1,50	271,81	-33,77
11,30	1,48	255,29	-35,52
11,32	1,45	239,20	-39,03
11,34	1,38	231,81	-38,44
11,36	1,36	223,55	-32,02
11,38	1,38	204,86	-22,09
11,40	1,44	177,90	-10,40
11,42	1,48	169,20	4,21
11,44	1,53	163,55	32,24
11,46	1,60	156,59	66,71
11,48	1,66	147,46	105,86
11,50	1,72	150,94	128,06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11,52	1,81	159,64	129,81
11,54	1,89	175,72	129,81
11,56	1,93	189,64	152,01
11,58	1,98	194,42	191,74
11,60	2,09	201,38	251,91
11,62	2,22	197,90	316,76
11,64	2,34	190,95	324,35
11,66	2,41	196,60	325,52
11,68	2,41	210,51	285,79
11,70	2,46	220,08	293,39
11,72	2,56	223,99	209,26
11,74	2,47	250,95	175,38
11,76	2,35	259,21	116,37
11,78	2,31	269,21	102,35
11,80	2,22	272,25	70,22
11,82	2,09	281,82	63,21
11,84	2,02	282,26	56,78
11,86	1,87	280,95	46,85
11,88	1,73	273,56	63,21
11,90	1,67	249,65	70,80
11,92	1,59	224,86	93,59
11,94	1,50	207,04	104,69
11,96	1,41	183,13	134,48
11,98	1,39	153,56	184,73
12,00	1,41	126,17	232,05
12,02	1,41	109,21	275,86
12,04	1,42	91,39	302,15
12,06	1,84	140,10	178,89
12,08	1,67	147,49	99,43
12,10	1,49	140,53	105,86
12,12	1,45	130,97	181,80
12,14	1,52	120,53	284,63
12,16	1,55	113,58	305,66
12,18	1,51	108,79	269,44
12,20	1,46	115,75	251,33
12,22	1,42	123,14	267,10
12,24	1,38	116,62	285,79
12,26	1,33	112,71	292,80
12,28	1,31	108,36	304,49
12,30	1,32	103,58	342,46
12,32	1,36	102,27	381,02
12,34	1,39	97,49	406,73
12,36	1,44	90,97	374,01
12,38	1,45	90,97	357,65
12,40	1,46	89,67	358,82
12,42	1,45	91,84	359,99
12,44	1,42	89,67	384,53
12,46	1,43	86,62	415,49
12,48	1,58	87,06	463,98
12,50	1,79	105,32	447,62

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12,52	1,76	101,40	225,03
12,54	1,60	110,97	95,34
12,56	1,45	121,41	109,36
12,58	1,43	117,49	142,08
12,60	1,39	117,93	177,13
12,62	1,33	125,32	210,43
12,64	1,31	126,19	243,15
12,66	1,28	128,80	251,91
12,68	1,22	115,32	274,11
12,70	1,25	96,62	300,40
12,72	1,39	84,88	377,52
12,74	1,68	82,28	465,73
12,76	2,18	89,67	441,19
12,78	2,69	92,71	298,65
12,80	3,11	120,54	128,06
12,82	3,22	164,01	39,26
12,84	3,24	190,54	-1,64
12,86	3,29	192,71	-23,84
12,88	3,19	202,28	-47,21
12,90	3,08	201,41	-58,89
12,92	2,96	200,11	-67,07
12,94	2,87	226,19	-70,57
12,96	2,77	247,93	-71,16
12,98	2,72	271,41	-68,82
13,00	2,75	293,58	-64,73
13,02	2,87	311,41	-55,97
13,04	3,22	210,54	101,77
13,06	3,20	241,40	23,48
13,08	3,32	270,54	7,12
13,10	3,58	288,80	21,73
13,12	4,04	303,14	68,47
13,14	4,32	286,19	66,13
13,16	4,38	277,06	38,67
13,18	4,36	281,84	18,81
13,20	4,31	264,01	0,70
13,22	4,25	235,32	-11,57
13,24	4,20	220,97	-20,92
13,26	4,21	223,14	-23,25
13,28	4,33	229,23	-17,41
13,30	4,50	240,53	-9,82
13,32	4,60	260,97	-8,65
13,34	4,56	280,10	-17,41
13,36	4,55	286,62	-18,58
13,38	4,50	279,23	-23,84
13,40	4,40	275,31	-30,85
13,42	4,26	252,27	-37,86
13,44	4,12	236,18	-43,11
13,46	3,98	233,58	-48,37
13,48	3,90	227,05	-50,71
13,50	3,86	242,27	-51,30

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13,52	3,78	253,57	-51,88
13,54	3,74	273,57	-53,63
13,56	3,54	272,70	-60,06
13,58	2,96	267,92	-71,74
13,60	2,24	252,70	-73,50
13,62	1,70	251,39	-78,17
13,64	1,38	288,79	-76,42
13,66	1,29	236,18	-71,74
13,68	1,36	224,44	-60,64
13,70	1,44	201,83	-43,70
13,72	1,51	167,91	-23,25
13,74	1,56	155,30	4,79
13,76	1,66	140,08	36,92
13,78	1,80	138,34	38,09
13,80	1,95	155,30	41,59
13,82	2,10	164,43	27,57
13,84	2,19	189,65	16,47
13,86	2,28	218,78	7,12
13,88	2,21	227,91	-9,82
13,90	2,15	223,99	-22,09
13,92	2,02	227,04	-34,94
13,94	1,92	210,08	-40,20
13,96	1,96	201,82	-36,11
13,98	2,10	188,34	-26,18
14,00	2,23	194,86	-18,00
14,02	2,40	218,34	-9,82
14,04	2,71	240,96	-6,31
14,06	2,60	267,48	-25,00
14,08	2,46	280,09	-34,94
14,10	2,28	283,57	-42,53
14,12	2,10	267,91	-46,04
14,14	1,97	230,96	-47,21
14,16	1,98	205,31	-42,53
14,18	2,12	190,96	-35,52
14,20	2,22	186,18	-31,43
14,22	2,24	203,13	-33,19
14,24	2,20	238,35	-34,94
14,26	2,22	239,22	-30,85
14,28	2,26	229,22	-33,19
14,30	2,24	238,35	-37,86
14,32	2,19	239,22	-39,03
14,34	2,22	225,74	-35,52
14,36	2,31	225,74	-32,02
14,38	2,50	223,57	-23,25
14,40	2,59	221,83	-23,84
14,42	2,56	229,65	-27,34
14,44	2,55	229,22	-27,93
14,46	2,36	232,70	-34,94
14,48	2,12	217,05	-45,45
14,50	1,99	176,18	-48,37

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14,52	2,03	163,13	-45,45
14,54	2,31	158,35	-32,02
14,56	3,24	157,04	43,34
14,58	4,67	194,87	125,13
14,60	5,87	228,78	189,40
14,62	6,52	226,61	168,37
14,64	6,61	217,04	126,31
14,66	6,23	190,96	92,42
14,68	5,54	128,78	39,84
14,70	4,90	91,39	10,63
14,72	4,50	73,13	1,87
14,74	4,30	68,78	1,28
14,76	4,33	77,91	12,97
14,78	4,55	93,57	26,40
14,80	4,76	124,00	18,22
14,82	4,83	163,57	5,37
14,84	5,17	183,13	10,63
14,86	5,70	200,52	36,92
14,88	6,13	204,43	65,55
14,90	6,89	182,70	116,37
14,92	9,07	207,48	277,03
14,94	11,20	217,48	293,39
14,96	12,61	227,91	231,46
14,98	13,38	212,26	176,55
15,00	13,45	181,39	133,90
15,02	12,95	119,21	211,60
15,04	12,83	126,17	166,03
15,06	12,78	128,35	159,60
15,08	12,80	137,91	164,86
15,10	12,94	140,09	174,79
15,12	13,15	143,13	184,73
15,14	13,64	143,13	199,33
15,16	14,04	140,52	204,00
15,18	14,16	139,21	196,41
15,20	14,33	140,08	196,41
15,22	14,61	144,87	199,33
15,24	14,88	152,26	202,25
15,26	15,15	154,86	203,42
15,28	15,13	157,47	195,24
15,30	14,59	156,17	175,38
15,32	13,96	147,47	159,02
15,34	13,43	143,12	153,76
15,36	13,56	148,77	174,79
15,38	14,11	153,99	194,07
15,40	14,47	163,99	198,16
15,42	14,65	164,42	188,81
15,44	14,62	162,24	178,30
15,46	14,46	158,76	166,61
15,48	14,28	155,28	161,94
15,50	14,12	152,67	163,69

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15,52	13,74	150,93	154,34
15,54	13,18	147,45	139,74
15,56	12,59	146,14	129,22
15,58	12,18	145,27	128,06
15,60	11,80	146,14	124,55
15,62	11,51	143,10	125,13
15,64	11,37	141,35	128,06
15,66	11,25	131,79	126,31
15,68	11,00	124,83	119,88
15,70	10,66	122,22	112,28
15,72	10,50	118,74	112,87
15,74	10,32	117,43	112,28
15,76	9,90	114,39	101,18
15,78	9,14	103,95	74,31
15,80	8,44	102,21	60,87
15,82	8,20	113,08	70,80
15,84	8,39	141,34	94,76
15,86	8,96	152,64	116,96
15,88	9,29	145,25	109,36
15,90	9,05	132,20	61,45
15,92	8,31	116,55	46,85
15,94	7,72	100,90	24,65
15,96	7,36	96,55	29,91
15,98	7,33	86,98	47,44
16,00	7,59	81,33	72,56
16,02	8,19	95,69	168,37
16,04	9,14	113,51	163,11
16,06	9,70	96,56	154,34
16,08	9,71	95,69	139,16
16,10	9,54	93,95	127,47
16,12	9,45	93,51	121,05
16,14	9,51	94,38	121,05
16,16	9,66	91,34	126,89
16,18	9,90	89,17	137,99
16,20	10,05	87,43	139,16
16,22	10,14	91,78	141,49
16,24	10,29	94,38	143,24
16,26	10,50	99,17	149,09
16,28	10,72	105,69	151,43
16,30	11,13	111,34	155,52
16,32	11,38	112,65	155,52
16,34	11,63	115,69	154,93
16,36	12,04	115,69	167,20
16,38	12,58	109,60	181,22
16,40	13,08	113,08	189,40
16,42	13,13	117,86	181,22
16,44	12,51	113,51	156,10
16,46	11,88	113,08	145,00
16,48	11,57	114,38	148,50
16,50	11,42	110,90	148,50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16,52	11,30	109,16	151,43
16,54	11,36	115,25	157,85
16,56	11,62	113,51	167,20
16,58	12,04	117,86	175,38
16,60	12,21	122,64	172,45
16,62	11,94	115,68	154,93
16,64	11,70	118,29	146,75
16,66	11,60	120,46	139,74
16,68	11,49	120,03	139,16
16,70	11,18	113,07	130,39
16,72	10,78	110,90	123,97
16,74	10,25	107,85	115,21
16,76	9,87	106,98	109,36
16,78	9,58	111,76	112,28
16,80	9,51	112,63	115,79
16,82	9,62	113,07	121,63
16,84	9,95	113,94	136,23
16,86	10,40	111,32	146,75
16,88	10,65	106,98	148,50
16,90	10,82	109,59	150,26
16,92	10,89	111,32	146,75
16,94	10,85	114,37	142,66
16,96	10,90	118,28	145,00
16,98	10,94	119,15	145,58
17,00	11,01	120,45	146,17
17,02	11,11	123,50	150,26
17,04	11,36	119,16	160,77
17,06	11,82	122,20	157,85
17,08	12,40	130,46	166,61
17,10	13,08	127,86	173,63
17,12	13,55	120,46	173,04
17,14	13,72	120,46	159,02
17,16	13,70	123,94	145,58
17,18	13,76	127,42	145,58
17,20	13,98	133,51	140,91
17,22	14,67	142,20	159,02
17,24	15,72	152,64	182,39
17,26	17,01	145,25	199,91
17,28	18,34	151,77	184,73
17,30	19,26	165,68	126,31
17,32	19,85	195,68	102,94
17,34	19,72	202,64	78,98
17,36	18,82	201,33	42,18
17,38	17,45	231,76	11,80
17,40	16,42	319,15	18,22
17,42	16,23	377,41	64,38
17,44	16,79	269,59	118,71
17,46	17,39	271,76	150,84
17,48	17,50	299,15	145,58
17,50	17,36	312,62	115,79

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17,52	17,15	323,06	111,11
17,54	16,90	317,40	112,87
17,56	16,66	280,01	123,38
17,58	16,31	238,27	135,07
17,60	15,62	204,79	122,22
17,62	14,66	179,14	107,61
17,64	13,47	168,27	93,00
17,66	12,55	169,57	86,00
17,68	11,88	170,44	84,24
17,70	11,52	172,61	89,50
17,72	11,41	166,96	97,68
17,74	11,28	147,82	97,10
17,76	10,75	140,43	81,32
17,78	10,09	133,47	67,30
17,80	9,38	130,86	51,53
17,82	8,68	132,60	43,34
17,84	7,90	125,20	29,91
17,86	7,10	130,85	12,38
17,88	5,99	139,98	-21,50
17,90	5,29	142,59	-30,85
17,92	4,50	163,89	-49,55
17,94	4,09	149,98	5,37
17,96	3,73	147,81	-40,78
17,98	3,48	135,63	-43,70
18,00	3,50	130,41	0,70
18,02	3,89	100,47	229,12
18,04	4,73	92,21	258,92
18,06	5,64	96,99	260,67
18,08	6,70	97,43	255,42
18,10	7,90	108,30	260,67
18,12	9,18	120,04	251,91
18,14	10,04	125,25	228,54
18,16	10,07	121,34	195,24
18,18	9,44	118,73	165,44
18,20	8,56	109,17	140,91
18,22	7,94	103,08	130,98
18,24	7,54	98,73	131,56
18,26	7,29	96,99	133,32
18,28	7,09	99,17	135,65
18,30	7,02	100,47	142,08
18,32	6,99	95,69	146,75
18,34	7,04	90,90	150,84
18,36	7,13	89,17	156,10
18,38	7,26	89,60	160,19
18,40	7,43	90,03	161,94
18,42	7,67	89,60	165,44
18,44	7,91	89,60	166,61
18,46	8,13	90,90	168,95
18,48	8,30	92,21	170,12
18,50	8,42	93,51	167,78

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18,52	8,32	94,38	160,77
18,54	7,83	93,51	142,08
18,56	6,85	93,95	111,70
18,58	5,39	96,55	57,95
18,60	3,87	108,29	-36,69
18,62	2,75	136,99	-81,09
18,64	2,11	176,12	-61,81
18,66	1,81	224,38	-69,41
18,68	1,41	309,60	-39,03
18,70	1,18	326,99	21,15
18,72	1,11	315,69	49,77
18,74	1,12	281,77	63,79
18,76	1,16	246,99	201,08
18,78	1,24	212,21	334,87
18,80	1,35	170,90	400,30
18,82	1,66	107,86	490,27
18,84	1,82	73,51	426,00
18,86	1,81	68,29	299,81
18,88	1,72	63,94	219,78
18,90	1,69	74,81	128,06
18,92	1,57	93,94	126,31
18,94	1,35	92,20	82,49
18,96	1,19	86,12	60,87
18,98	1,15	91,77	134,48
19,00	1,10	86,12	197,58
19,02	1,34	96,15	254,83
19,04	1,35	92,23	258,92
19,06	1,51	104,41	322,60
19,08	1,67	100,93	211,60
19,10	1,82	97,45	189,98
19,12	2,06	100,93	234,97
19,14	2,21	99,63	168,95
19,16	2,30	104,41	130,98
19,18	2,21	95,71	91,84
19,20	1,96	84,41	48,02
19,22	1,67	77,02	12,38
19,24	1,40	72,67	-10,99
19,26	1,29	74,85	63,21
19,28	1,58	86,59	284,04
19,30	1,97	97,02	320,26
19,32	2,04	100,50	148,50
19,34	1,79	101,37	-3,39
19,36	1,62	119,20	-4,56
19,38	2,50	122,24	379,85
19,40	6,06	128,33	430,68
19,42	10,89	138,33	206,92
19,44	13,39	177,90	49,19
19,46	14,28	140,50	67,89
19,48	13,97	141,81	132,15
19,50	13,61	141,37	154,93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19,52	13,98	139,20	199,33
19,54	14,27	149,20	240,22
19,56	14,86	152,68	208,68
19,58	15,07	159,64	198,16
19,60	14,78	173,55	189,98
19,62	13,96	173,55	178,30
19,64	12,59	171,81	156,10
19,66	11,13	180,94	141,49
19,68	9,95	176,59	138,57
19,70	9,24	169,20	139,16
19,72	8,76	169,63	145,00
19,74	8,49	163,11	152,59
19,76	8,39	155,29	163,69
19,78	8,44	148,76	174,21
19,80	8,68	138,33	188,81
19,82	9,15	132,67	204,59
19,84	9,91	132,24	220,95
19,86	11,03	133,10	239,64
19,88	12,13	134,84	247,23
19,90	12,88	138,32	239,06
19,92	13,31	147,45	230,29
19,94	13,48	155,27	222,11
19,96	13,55	164,84	215,69
19,98	13,63	176,14	213,35
20,00	13,79	187,44	215,11
20,02	14,16	190,05	188,81
20,04	14,10	192,22	182,97
20,06	13,96	193,09	187,06
20,08	13,92	191,79	192,32
20,10	14,13	188,31	200,50
20,12	14,45	184,83	206,34
20,14	14,94	179,18	212,77
20,16	15,53	176,13	219,78
20,18	16,15	175,70	225,62
20,20	16,79	173,96	228,54
20,22	17,55	175,70	234,97
20,24	18,37	180,48	243,73
20,26	18,87	182,22	239,64
20,28	18,69	186,13	223,28
20,30	18,05	190,04	208,10
20,32	17,10	197,00	191,74
20,34	16,13	204,39	185,89
20,36	15,27	212,21	181,80
20,38	14,94	221,78	190,57
20,40	15,42	224,38	211,01
20,42	16,92	226,12	244,90
20,44	18,60	220,90	257,17
20,46	19,78	217,42	256,00
20,48	20,99	216,98	258,33
20,50	22,00	222,20	257,17

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20,52	22,83	231,76	256,00
20,54	23,45	243,50	247,82
20,56	23,56	260,45	236,72
20,58	23,30	274,80	221,53
20,60	22,91	293,93	213,94
20,62	22,53	308,27	207,51
20,64	22,05	325,66	202,84
20,66	22,02	334,36	206,34
20,68	22,34	345,66	215,11
20,70	22,58	353,92	216,27
20,72	22,58	355,65	211,60
20,74	22,43	349,56	204,59
20,76	22,37	344,35	205,76
20,78	22,27	331,73	202,25
20,80	22,13	328,69	201,67
20,82	22,16	329,12	207,51
20,84	21,62	316,07	189,40
20,86	20,67	312,59	173,04
20,88	19,62	305,20	161,36
20,90	18,61	305,63	152,59
20,92	17,50	305,63	144,42
20,94	16,27	301,28	143,24
20,96	15,29	295,62	132,73
20,98	14,52	286,05	135,65
21,00	13,94	267,78	187,06
21,02	13,70	253,43	166,03
21,04	13,45	238,65	166,03
21,06	13,15	224,30	163,69
21,08	12,92	211,26	160,77
21,10	12,69	202,57	156,10
21,12	12,72	193,44	159,60
21,14	12,81	191,70	164,86
21,16	13,08	190,39	172,45
21,18	13,59	189,96	182,39
21,20	14,26	187,79	187,65
21,22	14,82	186,05	191,74
21,24	15,60	187,35	199,91
21,26	16,52	190,83	207,51
21,28	17,29	199,96	208,68
21,30	17,51	213,87	187,06
21,32	17,33	223,87	171,29
21,34	16,32	223,87	152,01
21,36	15,21	233,00	137,99
21,38	14,43	239,96	133,32
21,40	13,93	248,22	133,90
21,42	13,64	250,83	138,57
21,44	13,37	249,53	137,99
21,46	13,07	236,48	137,40
21,48	12,95	218,22	139,74
21,50	12,80	199,96	140,91

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21,52	12,66	189,53	142,08
21,54	12,54	180,40	142,66
21,56	12,59	169,09	149,09
21,58	12,74	161,26	154,93
21,60	12,76	149,96	151,43
21,62	12,69	143,00	147,92
21,64	12,56	139,09	146,75
21,66	12,35	138,22	145,00
21,68	12,14	144,31	143,24
21,70	11,89	158,22	158,44
21,72	11,66	186,92	143,24
21,74	11,88	213,87	155,52
21,76	12,42	230,40	167,78
21,78	13,19	230,40	184,73
21,80	14,34	235,18	194,07
21,82	15,38	227,79	206,34
21,84	16,58	219,09	230,29
21,86	17,46	227,79	198,16
21,88	18,02	230,83	202,25
21,90	18,18	249,97	177,13
21,92	18,75	231,71	184,14
21,94	19,31	238,67	184,73
21,96	18,90	211,76	206,34
21,98	19,79	216,11	208,10
22,00	20,32	209,15	217,44
22,02	20,92	221,33	232,05
22,04	21,38	222,20	243,15
22,06	21,34	230,46	230,29
22,08	21,52	242,19	246,65
22,10	21,97	263,93	247,82
22,12	22,47	263,93	254,24
22,14	22,52	270,45	248,99
22,16	22,16	280,01	237,89
22,18	21,35	287,84	222,70
22,20	19,78	276,10	192,32
22,22	18,01	275,22	168,37
22,24	16,39	276,53	159,02
22,26	15,15	279,57	155,52
22,28	14,32	271,30	154,34
22,30	13,78	262,17	155,52
22,32	13,50	245,21	159,60
22,34	13,22	226,08	158,44
22,36	12,92	207,38	154,93
22,38	12,86	186,95	158,44
22,40	12,63	176,51	161,36
22,42	12,52	164,77	168,37
22,44	12,55	160,86	174,21
22,46	12,56	155,20	179,47
22,48	12,60	151,72	183,56
22,50	12,69	149,11	190,57

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22,52	12,97	146,94	198,75
22,54	13,27	145,20	205,76
22,56	13,47	146,94	211,01
22,58	13,79	149,11	220,36
22,60	14,08	152,59	225,62
22,62	14,34	156,94	229,71
22,64	14,41	159,11	227,96
22,66	14,36	162,15	223,87
22,68	14,24	163,02	220,95
22,70	14,12	164,76	218,02
22,72	14,03	166,06	215,69
22,74	13,93	168,24	215,11
22,76	13,94	168,67	217,44
22,78	14,16	171,28	223,87
22,80	14,43	173,45	231,46
22,82	14,65	181,28	236,13
22,84	14,63	177,80	229,12
22,86	14,33	170,84	223,28
22,88	14,19	179,10	216,86
22,90	14,53	176,49	229,12
22,92	15,20	183,01	246,65
22,94	16,04	189,97	263,59
22,96	16,86	192,15	275,28
22,98	17,81	196,49	288,13
23,00	17,72	221,75	355,90
23,02	18,82	198,27	221,53
23,04	19,47	199,14	229,12
23,06	20,09	216,54	239,64
23,08	20,51	228,28	244,32
23,10	20,56	240,02	244,32
23,12	20,32	250,88	234,97
23,14	19,78	257,41	223,28
23,16	18,42	254,79	204,59
23,18	17,15	269,58	192,32
23,20	16,11	270,45	212,18
23,22	15,27	302,62	178,89
23,24	15,04	300,88	194,66
23,26	15,04	283,48	201,08
23,28	15,37	264,35	209,85
23,30	15,85	241,30	213,35
23,32	16,10	230,43	209,85
23,34	15,82	232,61	199,33
23,36	15,91	209,12	202,25
23,38	15,96	195,64	204,59
23,40	15,75	192,16	201,08
23,42	15,50	188,69	197,00
23,44	15,26	188,25	194,07
23,46	15,01	187,38	192,32
23,48	14,59	186,94	189,40
23,50	14,22	186,94	185,89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23,52	13,87	186,94	187,65
23,54	13,78	183,90	190,57
23,56	13,95	181,29	198,16
23,58	14,18	177,81	204,59
23,60	14,59	176,50	213,35
23,62	15,14	173,03	224,45
23,64	15,90	173,03	233,80
23,66	16,35	171,72	235,55
23,68	16,32	171,29	226,79
23,70	16,06	171,29	217,44
23,72	15,86	173,46	213,94
23,74	15,94	174,33	219,19
23,76	15,82	180,42	218,02
23,78	15,69	189,54	215,11
23,80	15,85	190,85	220,95
23,82	16,23	194,76	231,46
23,84	16,59	196,93	234,97
23,86	16,98	198,24	237,31
23,88	17,47	200,41	243,15
23,90	17,96	201,72	248,40
23,92	18,61	202,15	256,58
23,94	19,35	203,02	262,43
23,96	19,53	206,93	254,24
23,98	19,46	228,67	247,82
24,00	18,72	234,32	223,87
24,02	16,99	249,56	219,78
24,04	15,58	248,69	172,45
24,06	14,28	250,87	156,10
24,08	13,30	254,78	160,19
24,10	12,61	252,61	163,69
24,12	12,04	243,91	170,70
24,14	11,69	228,26	174,79
24,16	11,42	211,30	177,71
24,18	11,25	194,35	183,56
24,20	11,17	180,87	184,73
24,22	11,24	170,43	194,07
24,24	11,32	158,26	195,24
24,26	11,29	152,17	197,00
24,28	11,34	144,78	198,75
24,30	11,25	139,56	195,82
24,32	11,19	136,52	195,82
24,34	11,12	136,51	197,58
24,36	11,12	136,51	196,41
24,38	11,16	137,38	199,91
24,40	11,16	137,82	201,67
24,42	11,20	137,82	204,00
24,44	11,40	139,56	208,10
24,46	11,67	139,99	211,60
24,48	11,89	138,25	214,52
24,50	11,91	135,64	211,60

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Committente AUTOSTRADA DEL BRENNERO

Località ROLO

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,30 ml

Prova **CPTU14**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24,52	11,85	135,21	210,43
24,54	11,82	134,77	208,68
24,56	11,80	136,51	208,10
24,58	11,79	138,25	208,68
24,60	11,83	140,42	208,68
24,62	11,84	144,34	212,18
24,64	12,02	146,08	214,52
24,66	12,31	148,69	221,53
24,68	12,51	148,69	225,62
24,70	12,67	146,95	226,21
24,72	12,93	149,12	229,71
24,74	13,21	147,82	233,80
24,76	13,22	146,08	230,88
24,78	13,21	146,51	228,54
24,80	13,32	151,73	232,05
24,82	13,57	155,21	237,89
24,84	13,90	161,29	244,90
24,86	14,36	165,64	251,91
24,88	14,83	169,55	257,75
24,90	15,21	170,42	263,01
24,92	15,51	169,55	266,52
24,94	15,76	170,86	267,10
24,96	15,84	173,47	266,52
24,98	15,91	176,51	264,18
25,00	16,04	183,47	265,93
25,02	16,18	190,01	246,07
25,04	16,97	192,62	244,90
25,06	17,78	196,96	259,50
25,08	18,41	203,05	271,77
25,10	18,98	211,75	283,45
25,12	19,53	216,10	291,64
25,14	20,06	217,40	303,90
25,16	20,52	226,10	310,91
25,18	20,72	234,36	312,08
25,20	20,75	246,09	309,16
25,22	20,63	256,96	303,32
25,24	20,20	269,57	293,97
25,26	19,31	281,74	273,53
25,28	18,28	293,05	254,83
25,30	17,45	306,09	243,15
25,32	16,88	304,78	239,06
25,34	16,29	300,43	235,55
25,36	15,88	298,26	239,64
25,38	15,87	281,30	241,39
25,40	16,01	255,64	245,48
25,42	16,41	223,90	257,17
25,44	16,89	205,20	246,07
25,46	17,18	192,59	238,47
25,48	17,47	176,07	228,54
25,50	17,83	167,81	239,64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25,52	18,25	163,46	244,90
25,54	18,73	169,54	243,15
25,56	19,03	193,02	247,23
25,58	19,05	198,24	253,66
25,60	19,60	242,58	248,99
25,62	19,88	235,62	248,40
25,64	20,01	235,62	247,82
25,66	19,44	224,75	224,45
25,68	18,50	211,71	211,01
25,70	17,34	225,62	198,75
25,72	16,28	256,05	188,81
25,74	15,49	269,97	187,65
25,76	14,96	279,10	191,15
25,78	14,75	282,14	191,74
25,80	14,69	266,48	198,16
25,82	14,73	259,96	202,25
25,84	14,90	245,18	206,92
25,86	15,20	235,17	210,43
25,88	15,36	226,04	213,35
25,90	15,64	220,82	216,86
25,92	16,15	220,82	226,79
25,94	17,03	226,04	244,90
25,96	18,38	236,04	267,68
25,98	20,40	257,78	303,32
26,00	22,64	274,73	330,78
26,02	24,17	283,86	330,78
26,04	24,86	297,77	308,58
26,06	25,00	322,59	250,74
26,08	24,88	353,90	260,09
26,10	24,58	391,29	265,34
26,12	24,34	429,98	268,85
26,14	24,07	466,51	273,53
26,16	23,74	491,29	276,44
26,18	23,72	511,29	285,79
26,20	23,72	519,98	289,89
26,22	23,59	525,63	291,05
26,24	23,32	523,46	282,87
26,26	22,80	515,19	274,69
26,28	22,17	516,06	265,93
26,30	21,56	509,97	256,58
26,32	21,04	507,79	249,57
26,34	20,65	507,35	246,65
26,36	20,31	502,14	245,48
26,38	19,92	486,48	239,06
26,40	19,58	476,04	237,31
26,42	19,10	459,95	224,45
26,44	18,68	448,21	223,28
26,46	18,29	435,16	220,95
26,48	17,81	420,38	212,18
26,50	17,32	406,46	213,35

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26,52	16,80	389,94	201,67
26,54	16,27	372,54	200,50
26,56	15,67	361,67	196,41
26,58	15,03	349,50	188,81
26,60	14,57	338,19	188,81
26,62	13,99	320,80	184,14
26,64	13,37	308,62	184,73
26,66	12,76	294,27	175,38
26,68	12,17	281,23	171,87
26,70	11,69	269,49	175,96
26,72	11,40	255,14	170,12
26,74	11,09	240,79	161,36
26,76	10,92	229,49	163,69
26,78	10,79	216,01	172,45
26,80	10,54	202,97	167,78
26,82	10,50	190,36	177,13
26,84	10,37	179,93	174,79
26,86	10,29	172,97	175,38
26,88	10,36	169,06	179,47
26,90	10,74	167,76	192,90
26,92	11,44	170,37	204,00
26,94	12,71	180,37	225,62
26,96	14,39	199,07	240,81
26,98	16,20	220,81	261,84
27,00	17,50	236,51	244,90
27,02	18,52	246,94	242,56
27,04	18,61	258,25	239,06
27,06	17,94	286,08	229,71
27,08	17,00	322,16	221,53
27,10	15,97	350,86	222,70
27,12	15,01	367,38	220,95
27,14	14,22	383,03	221,53
27,16	13,56	385,64	226,79
27,18	13,42	376,08	230,88
27,20	13,23	357,82	228,54
27,22	13,30	331,73	231,46
27,24	13,81	305,20	244,32
27,26	14,30	274,77	245,48
27,28	15,21	253,02	261,26
27,30	16,09	230,41	247,82
27,32	16,02	216,06	232,05
27,34	15,21	209,98	218,02
27,36	14,39	208,67	201,08
27,38	14,07	205,20	208,10
27,40	13,56	205,20	202,25
27,42	13,32	202,59	204,59
27,44	13,01	203,02	206,92
27,46	12,75	204,33	211,60
27,48	12,50	203,90	212,77
27,50	12,49	198,24	216,27



**PROVA PENETROMETRICA STATICA**

**CPT 10S**

**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	----	----	--	-----	----	4,20	26,0	47,0	39,0	2,20	18,0
0,40	----	----	--	0,80	----	4,40	25,0	47,0	38,0	2,30	17,0
0,60	10,0	18,0	15,0	0,60	25,0	4,60	23,0	46,0	34,0	2,50	14,0
0,80	9,0	15,0	14,0	1,00	14,0	4,80	25,0	50,0	38,0	2,00	19,0
1,00	7,0	17,0	10,0	1,00	10,0	5,00	25,0	45,0	38,0	2,20	17,0
1,20	10,0	20,0	15,0	1,30	12,0	5,20	26,0	48,0	39,0	2,50	16,0
1,40	10,0	23,0	15,0	1,30	12,0	5,40	29,0	54,0	44,0	2,70	16,0
1,60	11,0	24,0	16,0	1,40	11,0	5,60	31,0	58,0	46,0	3,00	15,0
1,80	13,0	27,0	20,0	1,50	13,0	5,80	30,0	60,0	45,0	2,80	16,0
2,00	15,0	30,0	22,0	1,70	13,0	6,00	20,0	48,0	30,0	2,30	13,0
2,20	15,0	32,0	22,0	1,80	12,0	6,20	26,0	49,0	39,0	2,20	18,0
2,40	15,0	33,0	22,0	1,30	17,0	6,40	29,0	51,0	44,0	2,20	20,0
2,60	18,0	31,0	27,0	1,50	18,0	6,60	18,0	40,0	27,0	1,30	21,0
2,80	16,0	31,0	24,0	1,40	17,0	6,80	12,0	25,0	18,0	1,30	14,0
3,00	14,0	28,0	21,0	1,10	19,0	7,00	21,0	34,0	32,0	1,80	18,0
3,20	14,0	25,0	21,0	0,70	30,0	7,20	34,0	52,0	51,0	3,20	16,0
3,40	20,0	27,0	30,0	2,00	15,0	7,40	45,0	77,0	68,0	4,10	17,0
3,60	19,0	39,0	28,0	1,70	16,0	7,60	42,0	83,0	63,0	3,90	16,0
3,80	20,0	37,0	30,0	1,60	19,0	7,80	45,0	84,0	68,0	----	----
4,00	27,0	43,0	40,0	2,10	19,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 15 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann  $\phi = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)



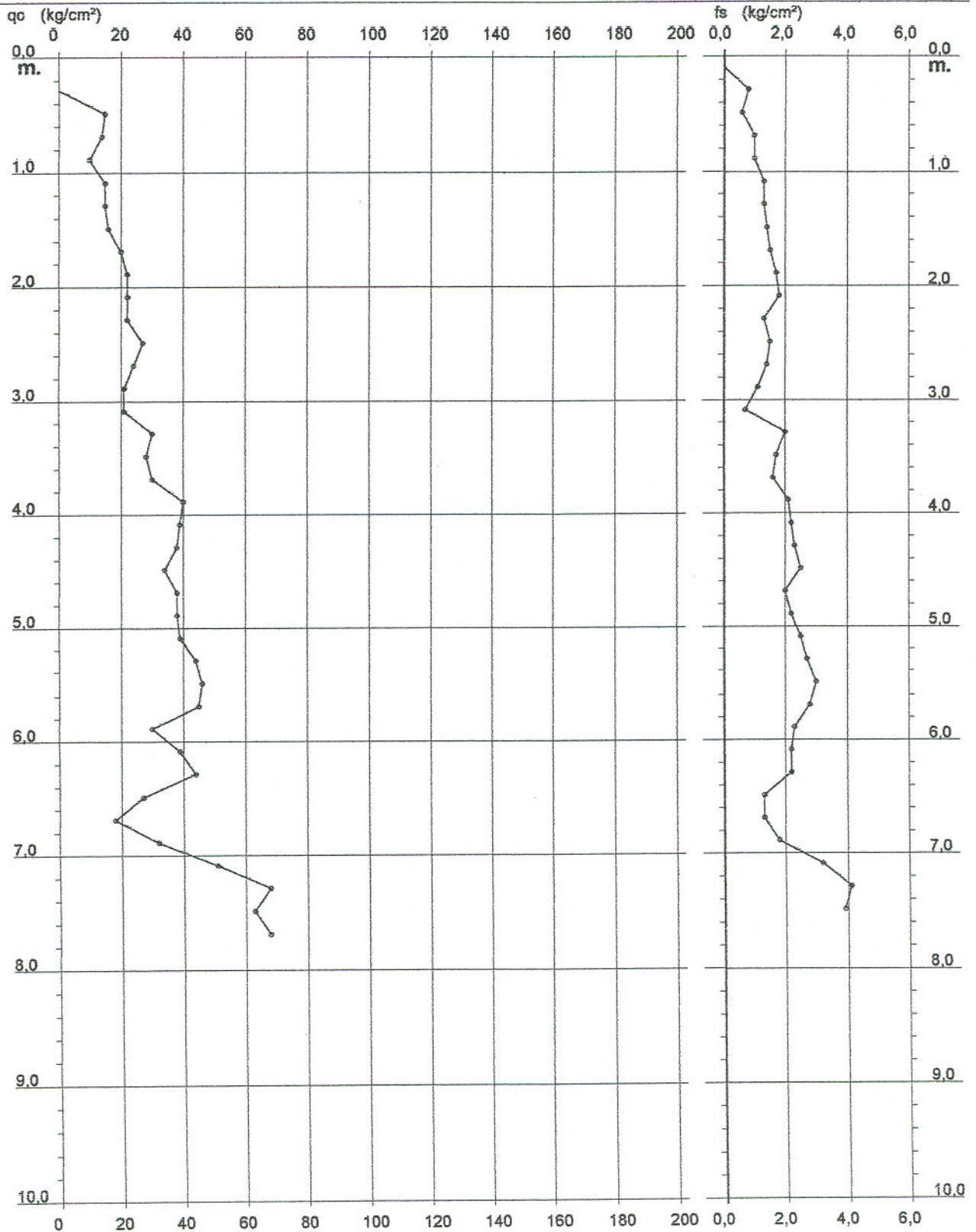
**PROVA PENETROMETRICA STATICA  
 DIAGRAMMA DI RESISTENZA**

**CPT 10S**

2.01PG05-027

- committente : Autostrada A22  
 - lavoro : Costruzione piazzole sosta di emergenza  
 - località : Pegognaga-Reggiolo Rolo

- data : 27/02/1902  
 - quota inizio : Piano Campagna  
 - prof. falda : Falda non rilevata  
 - scala vert.: 1 : 50







**PROVA PENETROMETRICA STATICA**  
**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

**CPT 11N**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

Prof. m	Letture di campagna		qc	fs	qc/fs	Prof. m	Letture di campagna		qc	fs	qc/fs
	punta	laterale	kg/cm <sup>2</sup>				punta	laterale	kg/cm <sup>2</sup>		
0,20	---	---	--	---	---	4,60	9,0	26,0	14,0	0,90	16,0
0,40	---	---	--	0,80	---	4,80	12,0	21,0	18,0	0,90	20,0
0,60	4,0	12,0	6,0	0,80	7,0	5,00	13,0	22,0	20,0	1,10	18,0
0,80	7,0	15,0	10,0	0,60	17,0	5,20	14,0	25,0	21,0	1,30	16,0
1,00	10,0	16,0	15,0	0,60	25,0	5,40	22,0	35,0	33,0	1,70	19,0
1,20	10,0	16,0	15,0	0,90	17,0	5,60	23,0	40,0	34,0	1,90	18,0
1,40	11,0	20,0	16,0	1,10	15,0	5,80	27,0	46,0	40,0	2,60	15,0
1,60	13,0	24,0	20,0	1,50	13,0	6,00	27,0	53,0	40,0	2,50	16,0
1,80	12,0	27,0	18,0	1,80	10,0	6,20	23,0	48,0	34,0	2,20	15,0
2,00	17,0	35,0	26,0	1,80	14,0	6,40	27,0	49,0	40,0	2,20	18,0
2,20	19,0	37,0	28,0	2,30	12,0	6,60	27,0	49,0	40,0	2,60	15,0
2,40	16,0	39,0	24,0	1,90	13,0	6,80	27,0	53,0	40,0	2,70	15,0
2,60	21,0	40,0	32,0	1,80	18,0	7,00	29,0	56,0	44,0	2,60	17,0
2,80	17,0	35,0	26,0	1,80	14,0	7,20	29,0	55,0	44,0	2,30	19,0
3,00	23,0	41,0	34,0	1,80	19,0	7,40	23,0	46,0	34,0	2,20	15,0
3,20	24,0	42,0	36,0	2,20	16,0	7,60	27,0	49,0	40,0	2,30	17,0
3,40	25,0	47,0	38,0	2,70	14,0	7,80	43,0	66,0	64,0	3,90	16,0
3,60	23,0	50,0	34,0	3,00	11,0	8,00	40,0	79,0	60,0	4,30	14,0
3,80	22,0	52,0	33,0	3,00	11,0	8,20	38,0	81,0	57,0	3,30	17,0
4,00	27,0	57,0	40,0	2,50	16,0	8,40	27,0	60,0	40,0	2,70	15,0
4,20	27,0	52,0	40,0	2,70	15,0	8,60	19,0	46,0	28,0	1,40	20,0
4,40	17,0	44,0	26,0	1,70	15,0	8,80	27,0	41,0	40,0	---	---

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 15 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann  $\phi = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)

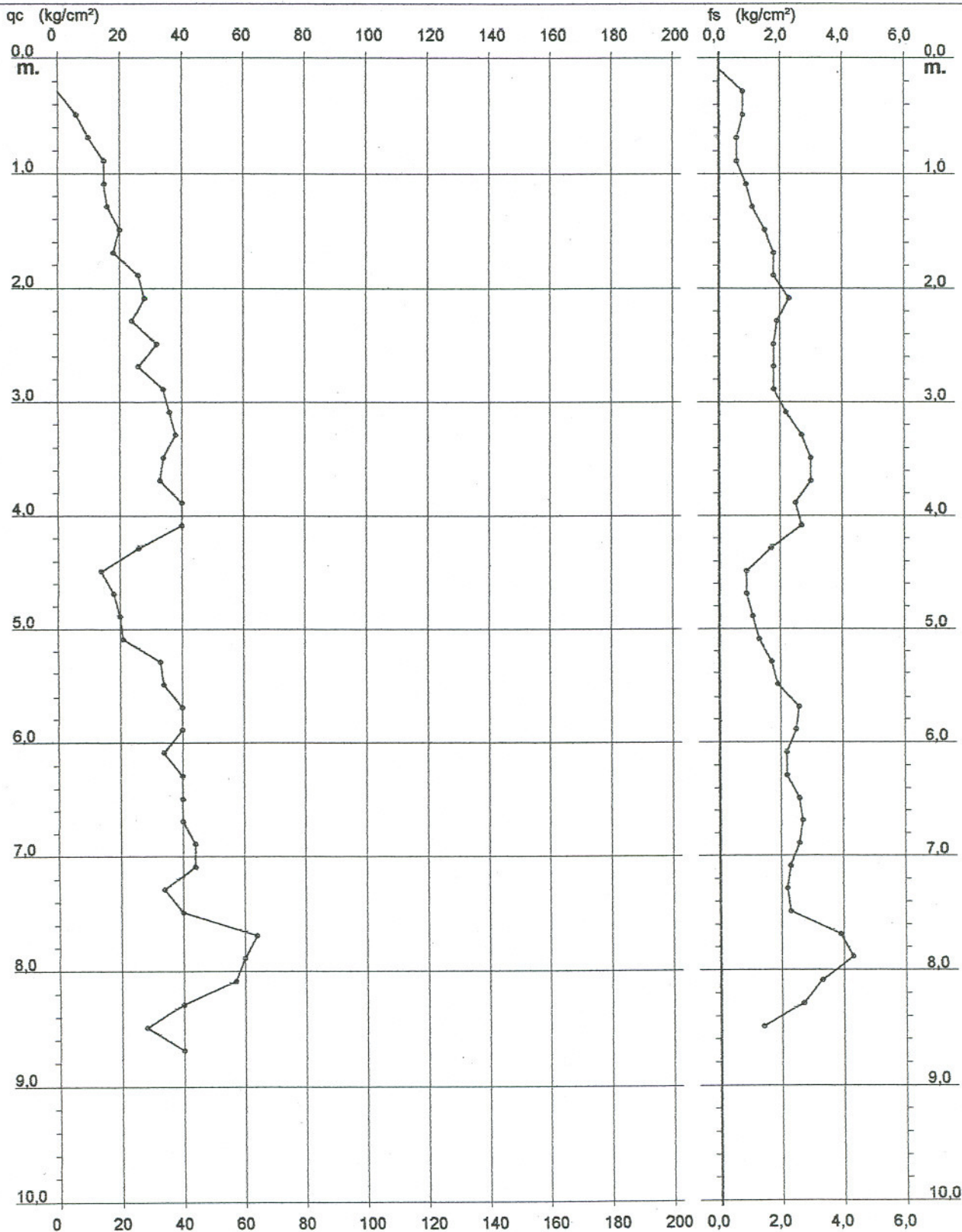
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

## CPT 11N

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- località : Pegognaga-Reggiolo Rolo

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- scala vert.: 1 : 50



**PROVA PENETROMETRICA STATICA**  
**TABELLA PARAMETRI GEOTECNICI**

**CPT 11N**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzole sosta di emergenza  
- localita' : Pegognaga-Reggiolo Rolo  
- note :

- data : 27/02/1902  
- quota inizio : Piano Campagna  
- prof. falda : Falda non rilevata  
- pagina : 1

Prof. m	qc kg/cm²	qc/fs (-)	Natura Litol.	Y' t/m³	d'vo kg/cm²	Cu kg/cm²	OCR (-)	Eu50 kg/cm²	Eu25 kg/cm²	Mo kg/cm²	Dr %	NATURA COESIVA				NATURA GRANULARE				Amax/g (-)	E'50 kg/cm²	E'25 kg/cm²	Mo kg/cm²		
												σ1s (°)	σ2s (°)	σ3s (°)	σ4s (°)	σdm (°)	σmy (°)								
0,20	-	-	????	1,85	0,04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0,40	-	-	????	1,85	0,07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0,60	6	7	1***	1,85	0,11	0,30	21,8	12	18	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0,80	10	17	2IIII	1,85	0,15	0,50	28,8	85	128	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,00	15	25	2IIII	1,85	0,19	0,67	31,2	113	170	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,20	15	17	2IIII	1,85	0,22	0,67	24,8	113	170	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,40	16	15	2IIII	1,85	0,26	0,70	21,6	118	177	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,60	20	13	4I:I	1,85	0,30	0,80	21,8	136	204	60	46	34	37	39	42	35	27	0,095	33	50	60	-	-	-	-
1,80	18	10	2IIII	1,85	0,33	0,75	17,3	128	191	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,00	26	14	4I:I	1,85	0,37	0,93	19,8	158	237	78	50	35	37	40	42	35	28	0,104	43	65	78	-	-	-	-
2,20	28	12	4I:I	1,85	0,41	0,97	18,5	164	246	84	50	35	37	40	42	35	28	0,104	47	70	84	-	-	-	-
2,40	24	13	4I:I	1,85	0,44	0,89	15,0	151	227	72	43	34	36	39	41	34	28	0,086	40	60	72	-	-	-	-
2,60	32	18	4I:I	1,85	0,48	1,07	17,0	181	272	96	51	35	37	40	42	35	29	0,106	53	80	96	-	-	-	-
2,80	26	14	4I:I	1,85	0,52	0,93	13,0	158	237	78	42	34	36	39	41	33	28	0,084	43	65	78	-	-	-	-
3,00	34	19	4I:I	1,85	0,55	1,13	15,3	193	289	102	49	35	37	39	42	34	29	0,102	57	85	102	-	-	-	-
3,20	36	16	4I:I	1,85	0,59	1,20	15,2	204	306	108	50	35	37	40	42	34	30	0,103	60	90	108	-	-	-	-
3,40	38	14	4I:I	1,85	0,63	1,27	15,1	215	323	114	50	35	37	40	42	34	30	0,104	63	95	114	-	-	-	-
3,60	34	11	4I:I	1,85	0,67	1,13	12,2	193	289	102	45	34	37	39	42	33	29	0,091	57	85	102	-	-	-	-
3,80	33	11	4I:I	1,85	0,70	1,10	11,0	187	281	99	42	34	36	39	41	33	29	0,086	55	83	99	-	-	-	-
4,00	40	16	4I:I	1,85	0,74	1,33	13,1	227	340	120	48	35	37	39	42	34	30	0,099	67	100	120	-	-	-	-
4,20	40	15	4I:I	1,85	0,78	1,33	12,3	227	340	120	47	35	37	39	42	33	30	0,096	67	100	120	-	-	-	-
4,40	26	15	4I:I	1,85	0,81	0,93	7,4	200	300	78	31	32	35	38	40	31	28	0,059	43	65	78	-	-	-	-
4,60	14	16	2IIII	1,85	0,85	0,64	4,4	238	356	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,80	18	20	2IIII	1,85	0,89	0,75	5,1	244	367	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5,00	20	18	4I:I	1,85	0,93	0,80	5,2	253	380	60	19	31	33	36	39	28	27	0,035	33	50	60	-	-	-	-
5,20	21	16	4I:I	1,85	0,96	0,82	5,2	264	396	63	19	31	34	36	40	28	27	0,037	35	53	63	-	-	-	-
5,40	33	19	4I:I	1,85	1,00	1,10	7,1	250	374	99	34	33	35	38	41	31	29	0,066	55	83	99	-	-	-	-
5,60	34	18	4I:I	1,85	1,04	1,13	7,0	260	389	102	34	33	35	38	41	31	29	0,066	57	85	102	-	-	-	-
5,80	40	15	4I:I	1,85	1,07	1,33	8,2	256	384	120	39	33	36	38	41	31	30	0,077	67	100	120	-	-	-	-
6,00	40	16	4I:I	1,85	1,11	1,33	7,9	267	401	120	38	33	36	38	41	31	30	0,075	67	100	120	-	-	-	-
6,20	34	15	4I:I	1,85	1,15	1,13	6,2	301	451	102	32	32	35	38	41	30	29	0,061	57	85	102	-	-	-	-
6,40	40	18	4I:I	1,85	1,18	1,33	7,3	293	439	120	36	33	36	38	41	31	30	0,072	67	100	120	-	-	-	-
6,60	40	15	4I:I	1,85	1,22	1,33	7,0	306	459	120	36	33	36	38	41	31	30	0,070	67	100	120	-	-	-	-
6,80	40	15	4I:I	1,85	1,26	1,33	6,8	320	480	120	35	33	36	38	41	31	30	0,068	67	100	120	-	-	-	-
7,00	44	17	4I:I	1,85	1,30	1,47	7,3	319	479	132	37	33	36	38	41	31	31	0,074	73	110	132	-	-	-	-
7,20	44	19	4I:I	1,85	1,33	1,47	7,1	333	499	132	37	33	36	38	41	31	31	0,072	73	110	132	-	-	-	-
7,40	34	15	4I:I	1,85	1,37	1,13	5,0	378	567	102	27	32	35	37	40	29	29	0,052	57	85	102	-	-	-	-
7,60	40	17	4I:I	1,85	1,41	1,33	5,9	374	562	120	32	33	36	38	41	30	30	0,062	67	100	120	-	-	-	-
7,80	64	16	4I:I	1,85	1,44	2,13	10,2	363	544	192	48	35	37	39	42	32	32	0,098	107	160	192	-	-	-	-
8,00	60	14	4I:I	1,85	1,48	2,00	9,1	352	528	180	45	34	37	39	42	32	32	0,091	100	150	180	-	-	-	-
8,20	57	17	4I:I	1,85	1,52	1,90	8,3	361	542	171	43	34	36	39	41	32	31	0,086	95	143	171	-	-	-	-
8,40	40	15	4I:I	1,85	1,55	1,33	5,2	426	639	120	30	32	35	38	40	29	30	0,057	67	100	120	-	-	-	-
8,60	28	20	4I:I	1,85	1,59	0,97	3,4	447	670	84	17	30	33	36	39	27	28	0,032	47	70	84	-	-	-	-
8,80	40	-	3:---	1,85	1,63	-	-	-	-	-	29	32	35	37	40	29	30	0,055	67	100	120	-	-	-	-



**PROVA PENETROMETRICA STATICA**

**CPT 14S-M**

**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena  
- note :

- data : 30/12/1899  
- quota inizio : Piano Campagna  
- prof. falda : 1,95 m da quota inizio  
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	---	---	--	---	---	5,20	13,0	25,0	13,0	0,73	18,0
0,40	---	---	--	0,73	---	5,40	21,0	32,0	21,0	1,33	16,0
0,60	13,0	24,0	13,0	1,60	8,0	5,60	22,0	42,0	22,0	1,20	18,0
0,80	13,0	37,0	13,0	1,27	10,0	5,80	15,0	33,0	15,0	1,13	13,0
1,00	16,0	35,0	16,0	1,53	10,0	6,00	11,0	28,0	11,0	1,00	11,0
1,20	17,0	40,0	17,0	1,13	15,0	6,20	16,0	31,0	16,0	0,67	24,0
1,40	23,0	40,0	23,0	1,67	14,0	6,40	13,0	23,0	13,0	0,67	19,0
1,60	23,0	48,0	23,0	2,20	10,0	6,60	10,0	20,0	10,0	0,73	14,0
1,80	18,0	51,0	18,0	2,20	8,0	6,80	15,0	26,0	15,0	0,87	17,0
2,00	13,0	46,0	13,0	1,67	8,0	7,00	16,0	29,0	16,0	0,73	22,0
2,20	17,0	42,0	17,0	1,27	13,0	7,20	16,0	27,0	16,0	0,93	17,0
2,40	18,0	37,0	18,0	1,33	13,0	7,40	12,0	26,0	12,0	0,80	15,0
2,60	11,0	31,0	11,0	0,93	12,0	7,60	11,0	23,0	11,0	0,80	14,0
2,80	9,0	23,0	9,0	0,60	15,0	7,80	20,0	32,0	20,0	1,07	19,0
3,00	11,0	20,0	11,0	0,47	24,0	8,00	18,0	34,0	18,0	1,00	18,0
3,20	8,0	15,0	8,0	0,40	20,0	8,20	21,0	36,0	21,0	1,40	15,0
3,40	7,0	13,0	7,0	0,40	17,0	8,40	18,0	39,0	18,0	1,47	12,0
3,60	14,0	20,0	14,0	1,13	12,0	8,60	17,0	39,0	17,0	1,47	12,0
3,80	7,0	24,0	7,0	0,93	7,0	8,80	20,0	42,0	20,0	1,53	13,0
4,00	13,0	27,0	13,0	0,67	19,0	9,00	18,0	41,0	18,0	1,47	12,0
4,20	13,0	23,0	13,0	0,67	19,0	9,20	20,0	42,0	20,0	1,40	14,0
4,40	11,0	21,0	11,0	0,80	14,0	9,40	16,0	37,0	16,0	1,33	12,0
4,60	15,0	27,0	15,0	0,80	19,0	9,60	16,0	36,0	16,0	1,33	12,0
4,80	16,0	28,0	16,0	0,93	17,0	9,80	17,0	37,0	17,0	---	---
5,00	13,0	27,0	13,0	0,80	16,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann ø = 35.7 mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)



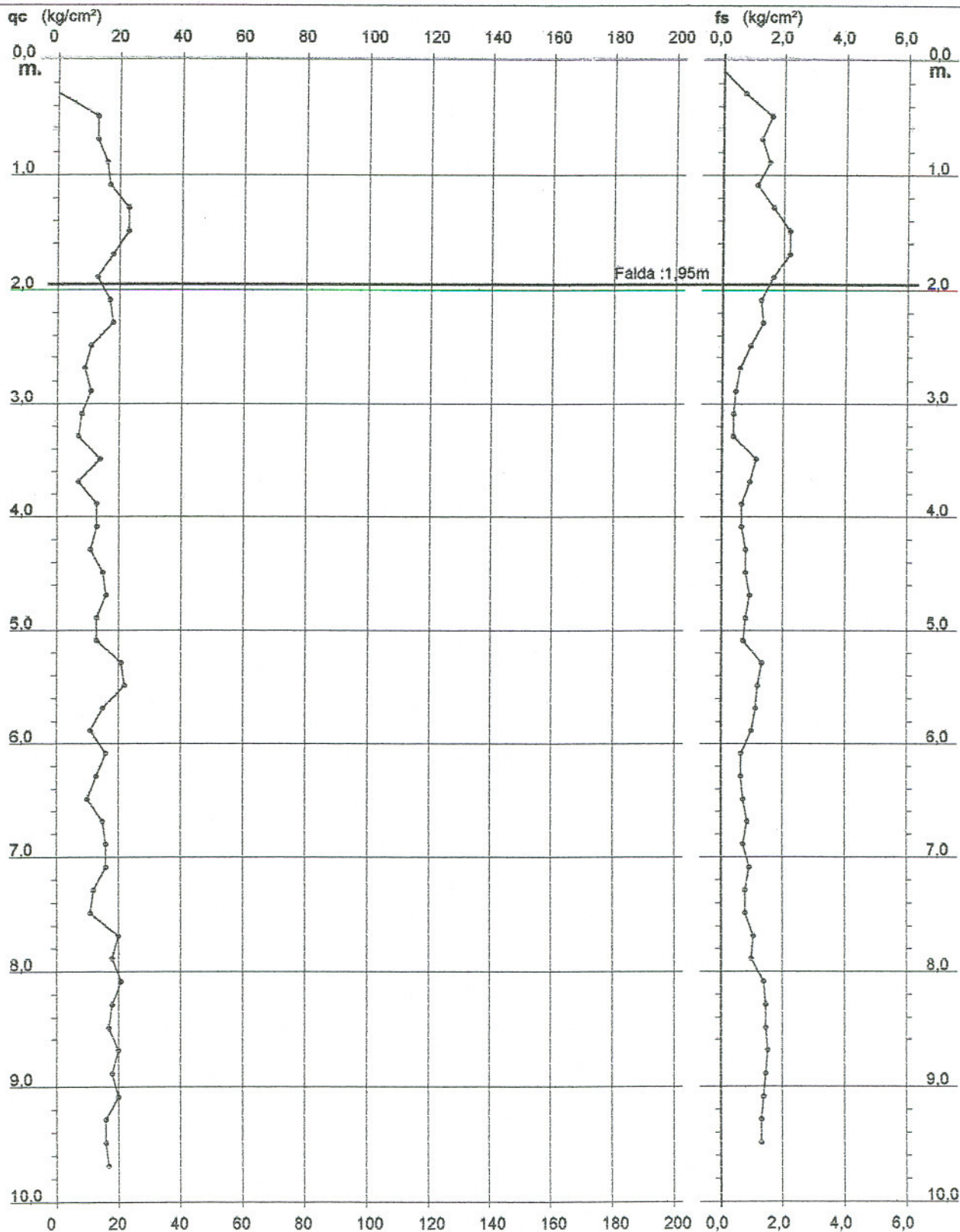
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 14S-M

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena

- data : 30/12/1899  
- quota inizio : Piano Campagna  
- prof. falda : 1,95 m da quota inizio  
- scala vert.: 1 : 50





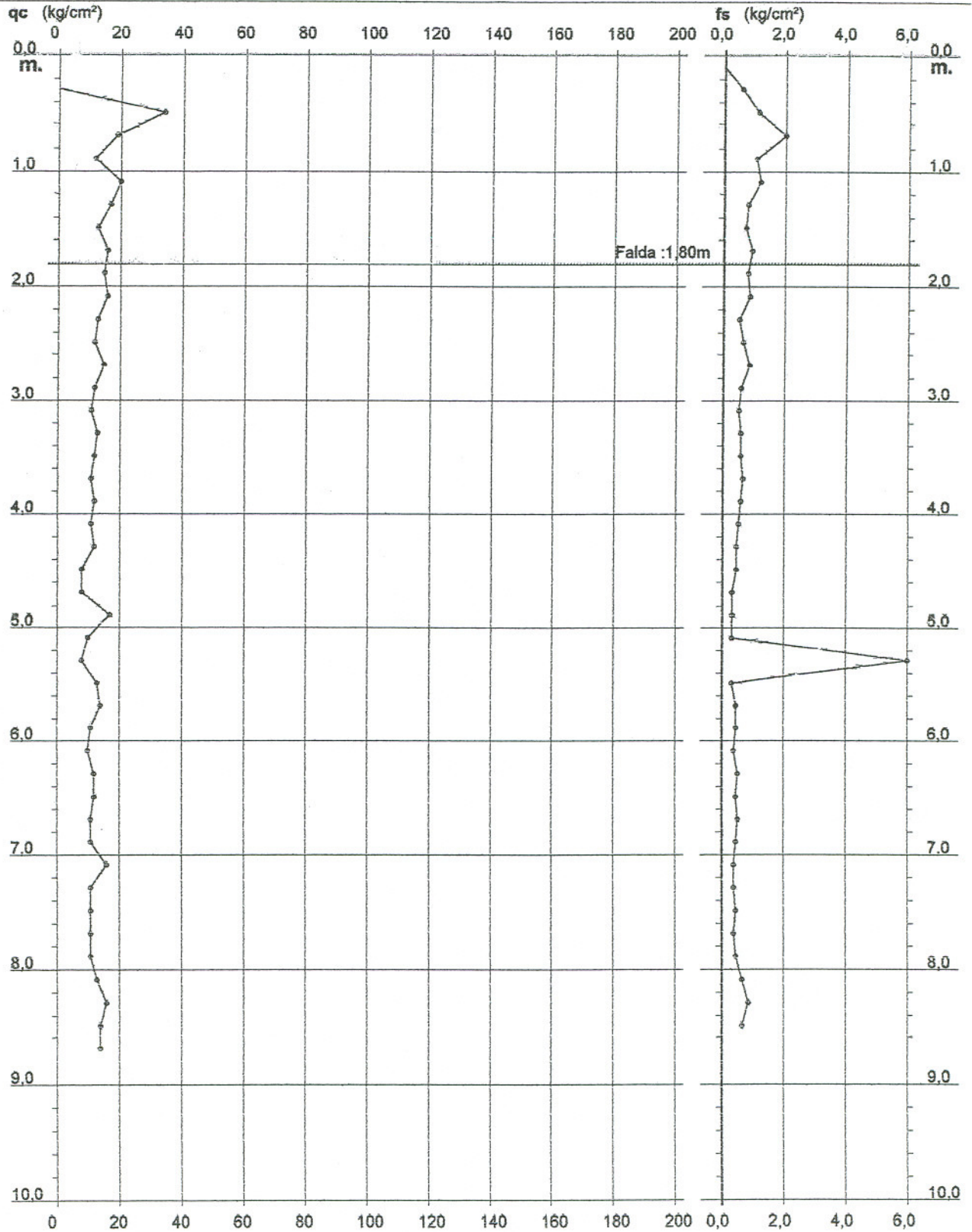
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 15N-M

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- localit  : Modena

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,80 m da quota inizio  
- scala vert. : 1 : 50



## PROVA PENETROMETRICA STATICA

CPT 15N-M

### LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena  
- note :

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,80 m da quota inizio  
- pagina : 1

Prof. m	Letture di campagna		qc	fs	qc/fs	Prof. m	Letture di campagna		qc	fs	qc/fs
	punta	laterale	kg/cm <sup>2</sup>				punta	laterale	kg/cm <sup>2</sup>		
0,20	---	---	--	----	---	4,60	8,0	15,0	8,0	0,47	17,0
0,40	---	---	--	0,60	---	4,80	8,0	15,0	8,0	0,33	24,0
0,60	34,0	43,0	34,0	1,13	30,0	5,00	17,0	22,0	17,0	0,33	51,0
0,80	19,0	36,0	19,0	2,00	10,0	5,20	10,0	15,0	10,0	0,33	30,0
1,00	12,0	42,0	12,0	1,07	11,0	5,40	8,0	13,0	8,0	6,87	1,0
1,20	20,0	36,0	20,0	1,20	17,0	5,60	13,0	116,0	13,0	0,33	39,0
1,40	17,0	35,0	17,0	0,80	21,0	5,80	14,0	19,0	14,0	0,47	30,0
1,60	13,0	25,0	13,0	0,73	18,0	6,00	11,0	18,0	11,0	0,47	24,0
1,80	16,0	27,0	16,0	0,93	17,0	6,20	10,0	17,0	10,0	0,40	25,0
2,00	15,0	29,0	15,0	0,80	19,0	6,40	12,0	18,0	12,0	0,53	22,0
2,20	16,0	28,0	16,0	0,87	18,0	6,60	12,0	20,0	12,0	0,47	26,0
2,40	13,0	26,0	13,0	0,53	24,0	6,80	11,0	18,0	11,0	0,53	21,0
2,60	12,0	20,0	12,0	0,67	18,0	7,00	11,0	19,0	11,0	0,47	24,0
2,80	15,0	25,0	15,0	0,87	17,0	7,20	16,0	23,0	16,0	0,40	40,0
3,00	12,0	25,0	12,0	0,60	20,0	7,40	11,0	17,0	11,0	0,40	27,0
3,20	11,0	20,0	11,0	0,53	21,0	7,60	11,0	17,0	11,0	0,47	24,0
3,40	13,0	21,0	13,0	0,60	22,0	7,80	11,0	18,0	11,0	0,40	27,0
3,60	12,0	21,0	12,0	0,60	20,0	8,00	11,0	17,0	11,0	0,47	24,0
3,80	11,0	20,0	11,0	0,67	16,0	8,20	13,0	20,0	13,0	0,67	19,0
4,00	12,0	22,0	12,0	0,60	20,0	8,40	16,0	26,0	16,0	0,87	18,0
4,20	11,0	20,0	11,0	0,53	21,0	8,60	14,0	27,0	14,0	0,67	21,0
4,40	12,0	20,0	12,0	0,47	26,0	8,80	14,0	24,0	14,0	----	----

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann  $\varnothing = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)



**PROVA PENETROMETRICA STATICA**  
**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

**CPT 17N-M**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena  
- note :

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,45 m da quota inizio  
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	---	---	--	-----	---	5,20	13,0	24,0	13,0	0,67	19,0
0,40	---	---	--	0,60	---	5,40	10,0	20,0	10,0	0,47	21,0
0,60	9,0	18,0	9,0	1,00	9,0	5,60	10,0	17,0	10,0	0,47	21,0
0,80	26,0	41,0	26,0	2,40	11,0	5,80	9,0	16,0	9,0	0,53	17,0
1,00	22,0	58,0	22,0	2,87	8,0	6,00	10,0	18,0	10,0	0,47	21,0
1,20	15,0	58,0	15,0	2,13	7,0	6,20	7,0	14,0	7,0	0,33	21,0
1,40	12,0	44,0	12,0	1,73	7,0	6,40	10,0	15,0	10,0	0,33	30,0
1,60	12,0	38,0	12,0	1,60	7,0	6,60	8,0	13,0	8,0	0,40	20,0
1,80	17,0	41,0	17,0	1,53	11,0	6,80	7,0	13,0	7,0	0,53	13,0
2,00	18,0	41,0	18,0	1,33	13,0	7,00	9,0	17,0	9,0	0,53	17,0
2,20	15,0	35,0	15,0	0,93	16,0	7,20	11,0	19,0	11,0	0,73	15,0
2,40	10,0	24,0	10,0	0,67	15,0	7,40	6,0	17,0	6,0	0,47	13,0
2,60	6,0	16,0	6,0	0,53	11,0	7,60	8,0	15,0	8,0	0,47	17,0
2,80	7,0	15,0	7,0	0,67	10,0	7,80	8,0	15,0	8,0	0,53	15,0
3,00	8,0	18,0	8,0	0,40	20,0	8,00	10,0	18,0	10,0	0,53	19,0
3,20	11,0	17,0	11,0	0,47	24,0	8,20	10,0	18,0	10,0	0,73	14,0
3,40	12,0	19,0	12,0	0,60	20,0	8,40	11,0	22,0	11,0	0,80	14,0
3,60	10,0	19,0	10,0	0,47	21,0	8,60	12,0	24,0	12,0	0,73	16,0
3,80	9,0	16,0	9,0	0,67	13,0	8,80	11,0	22,0	11,0	0,73	15,0
4,00	10,0	20,0	10,0	0,53	19,0	9,00	12,0	23,0	12,0	0,73	16,0
4,20	8,0	16,0	8,0	0,33	24,0	9,20	10,0	21,0	10,0	0,67	15,0
4,40	10,0	15,0	10,0	0,40	25,0	9,40	11,0	21,0	11,0	0,80	14,0
4,60	10,0	16,0	10,0	0,47	21,0	9,60	11,0	23,0	11,0	0,87	13,0
4,80	11,0	18,0	11,0	0,07	165,0	9,80	13,0	26,0	13,0	---	---
5,00	26,0	27,0	26,0	0,73	35,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s
- punta meccanica tipo Begemann ø = 35.7 mm (area punta 10 cm<sup>2</sup> - apertura 60°)
- manicotto laterale (superficie 150 cm<sup>2</sup>)

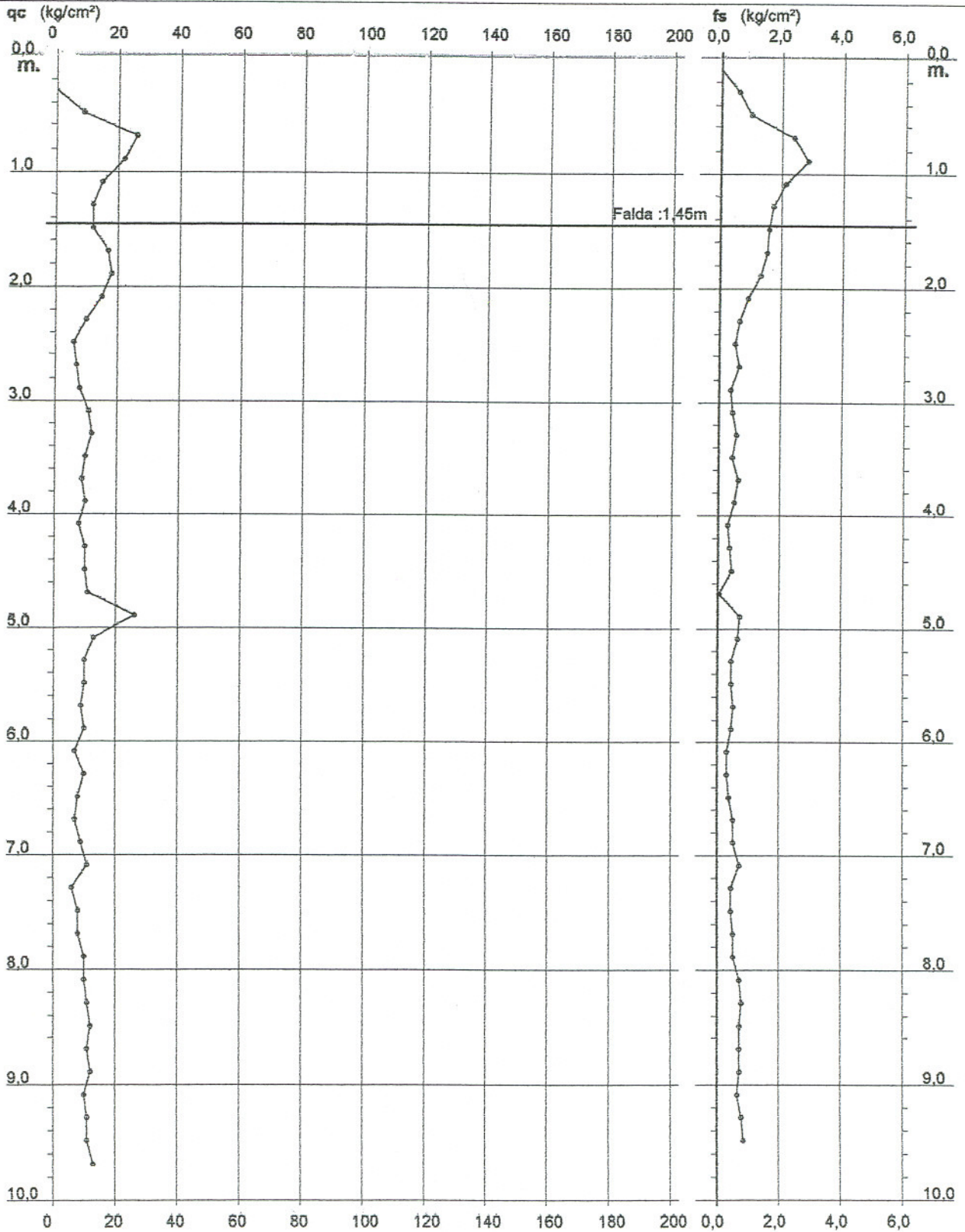
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 17N-M

2:01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,45 m da quota inizio  
- scala vert.: 1 : 50







**PROVA PENETROMETRICA STATICA**

**CPT 19S-M**

**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena  
- note :

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,50 m da quota inizio  
- pagina : 1

Prof. m	Letture di campagna		qc	fs	qc/fs	Prof. m	Letture di campagna		qc	fs	qc/fs
	punta	laterale	kg/cm <sup>2</sup>				punta	laterale	kg/cm <sup>2</sup>		
0,20	---	---	---	---	---	4,60	16,0	22,0	16,0	1,20	13,0
0,40	---	---	---	0,73	---	4,80	19,0	37,0	19,0	0,60	32,0
0,60	79,0	90,0	79,0	0,60	132,0	5,00	12,0	21,0	12,0	0,47	26,0
0,80	14,0	23,0	14,0	1,20	12,0	5,20	14,0	21,0	14,0	0,67	21,0
1,00	10,0	28,0	10,0	0,80	12,0	5,40	14,0	24,0	14,0	0,80	17,0
1,20	11,0	23,0	11,0	0,73	15,0	5,60	16,0	28,0	16,0	1,33	12,0
1,40	12,0	23,0	12,0	0,40	30,0	5,80	23,0	43,0	23,0	0,93	25,0
1,60	11,0	17,0	11,0	0,47	24,0	6,00	20,0	34,0	20,0	0,93	21,0
1,80	13,0	20,0	13,0	0,40	32,0	6,20	12,0	26,0	12,0	0,60	20,0
2,00	15,0	21,0	15,0	0,60	25,0	6,40	15,0	24,0	15,0	0,53	28,0
2,20	13,0	22,0	13,0	0,53	24,0	6,60	11,0	19,0	11,0	0,47	24,0
2,40	9,0	17,0	9,0	0,40	22,0	6,80	11,0	18,0	11,0	0,40	27,0
2,60	11,0	17,0	11,0	0,67	16,0	7,00	9,0	15,0	9,0	0,47	19,0
2,80	13,0	23,0	13,0	0,67	19,0	7,20	12,0	19,0	12,0	0,73	16,0
3,00	14,0	24,0	14,0	0,67	21,0	7,40	12,0	23,0	12,0	0,73	16,0
3,20	15,0	25,0	15,0	0,80	19,0	7,60	10,0	21,0	10,0	0,53	19,0
3,40	13,0	25,0	13,0	0,53	24,0	7,80	11,0	19,0	11,0	0,53	21,0
3,60	13,0	21,0	13,0	0,60	22,0	8,00	10,0	18,0	10,0	0,40	25,0
3,80	10,0	19,0	10,0	0,47	21,0	8,20	10,0	16,0	10,0	0,53	19,0
4,00	11,0	18,0	11,0	0,53	21,0	8,40	12,0	20,0	12,0	1,00	12,0
4,20	12,0	20,0	12,0	0,53	22,0	8,60	18,0	33,0	18,0	1,40	13,0
4,40	11,0	19,0	11,0	0,40	27,0	8,80	15,0	36,0	15,0	---	---

- PENETROMETRO STATICO tipo PAGANI da 10/20t
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s
- punta meccanica tipo Begemann  $\phi = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)
- manicotto laterale (superficie 150 cm<sup>2</sup>)

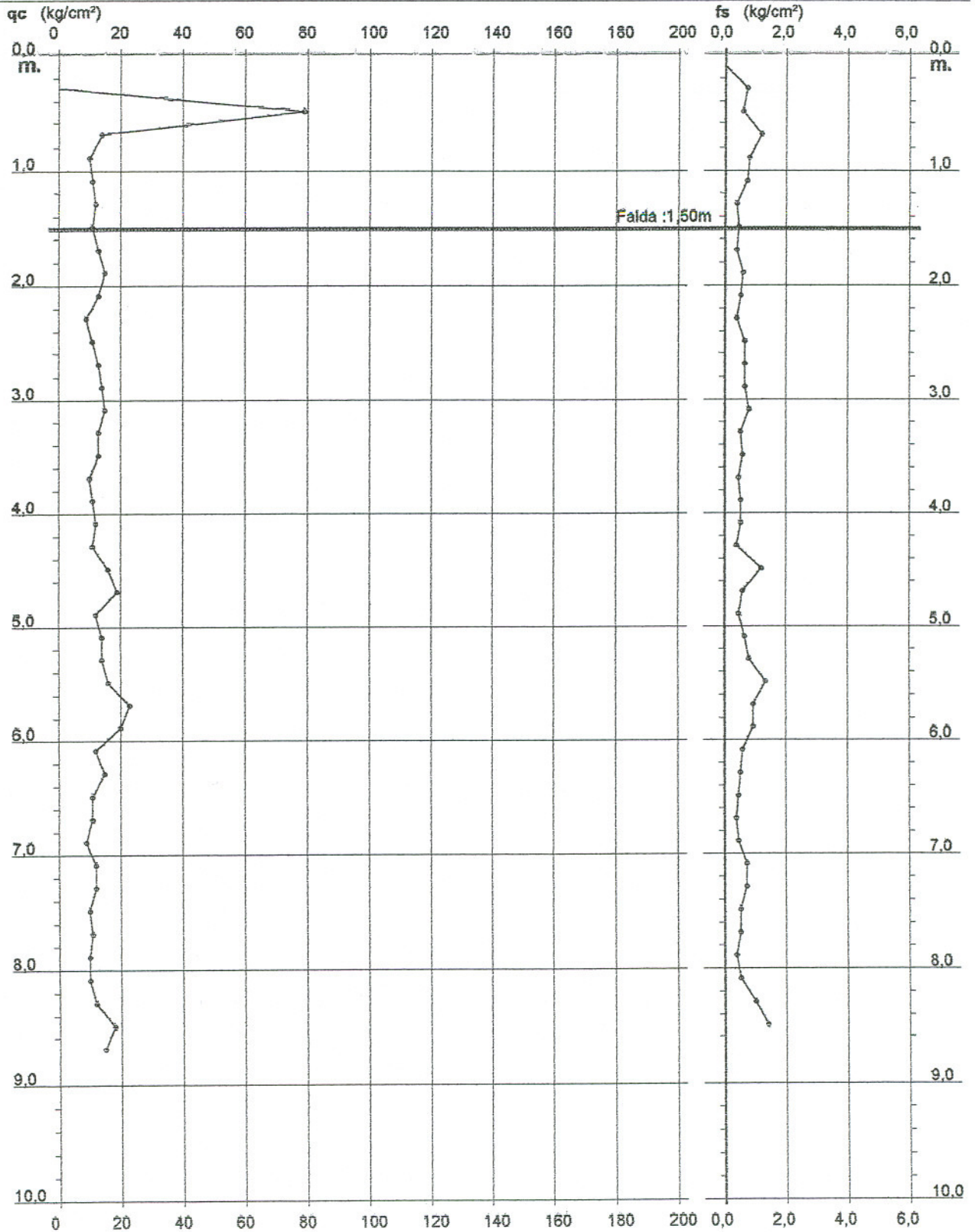
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 19S-M

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena

- data : 16/11/1901  
- quota inizio : Piano Campagna  
- prof. falda : 1,50 m da quota inizio  
- scala vert.: 1 : 50





**PROVA PENETROMETRICA STATICA**

**CPT 20S-M**

**LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena  
- note :

- data : 30/12/1899  
- quota inizio : Piano Campagna  
- prof. falda : 2,40 m da quota inizio  
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm <sup>2</sup>	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	---	---	--	---	---	5,20	33,0	46,0	33,0	0,33	99,0
0,40	---	---	--	0,40	---	5,40	40,0	45,0	40,0	0,60	67,0
0,60	8,0	14,0	8,0	0,73	11,0	5,60	36,0	45,0	36,0	0,47	77,0
0,80	9,0	20,0	9,0	0,07	135,0	5,80	26,0	33,0	26,0	0,80	32,0
1,00	77,0	78,0	77,0	2,20	35,0	6,00	28,0	40,0	28,0	0,47	60,0
1,20	17,0	50,0	17,0	1,53	11,0	6,20	28,0	35,0	28,0	0,47	60,0
1,40	15,0	38,0	15,0	1,53	10,0	6,40	27,0	34,0	27,0	0,13	202,0
1,60	11,0	34,0	11,0	1,53	7,0	6,60	28,0	30,0	28,0	0,87	42,0
1,80	19,0	42,0	19,0	1,80	11,0	6,80	20,0	30,0	20,0	0,27	75,0
2,00	17,0	44,0	17,0	0,93	18,0	7,00	17,0	21,0	17,0	0,67	25,0
2,20	14,0	28,0	14,0	0,60	23,0	7,20	19,0	29,0	19,0	0,53	36,0
2,40	12,0	21,0	12,0	0,47	26,0	7,40	22,0	30,0	22,0	0,07	330,0
2,60	8,0	15,0	8,0	0,33	24,0	7,60	30,0	31,0	30,0	0,40	75,0
2,80	7,0	12,0	7,0	0,33	21,0	7,80	32,0	38,0	32,0	0,13	240,0
3,00	11,0	16,0	11,0	0,40	27,0	8,00	39,0	41,0	39,0	0,07	585,0
3,20	11,0	17,0	11,0	0,47	24,0	8,20	32,0	33,0	32,0	2,33	14,0
3,40	13,0	20,0	13,0	0,67	19,0	8,40	12,0	47,0	12,0	0,33	36,0
3,60	17,0	27,0	17,0	0,60	28,0	8,60	25,0	30,0	25,0	0,60	42,0
3,80	19,0	28,0	19,0	0,87	22,0	8,80	24,0	33,0	24,0	0,47	51,0
4,00	23,0	36,0	23,0	0,80	29,0	9,00	44,0	51,0	44,0	0,07	660,0
4,20	38,0	50,0	38,0	0,07	570,0	9,20	36,0	37,0	36,0	0,67	54,0
4,40	33,0	34,0	33,0	0,27	124,0	9,40	13,0	23,0	13,0	0,47	28,0
4,60	38,0	42,0	38,0	0,40	95,0	9,60	43,0	50,0	43,0	1,00	43,0
4,80	31,0	37,0	31,0	0,20	155,0	9,80	11,0	26,0	11,0	---	---
5,00	39,0	42,0	39,0	0,87	45,0						

- PENETROMETRO STATICO tipo PAGANI da 10/20t  
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s  
- punta meccanica tipo Begemann  $\phi = 35.7$  mm (area punta 10 cm<sup>2</sup> - apertura 60°)  
- manicotto laterale (superficie 150 cm<sup>2</sup>)

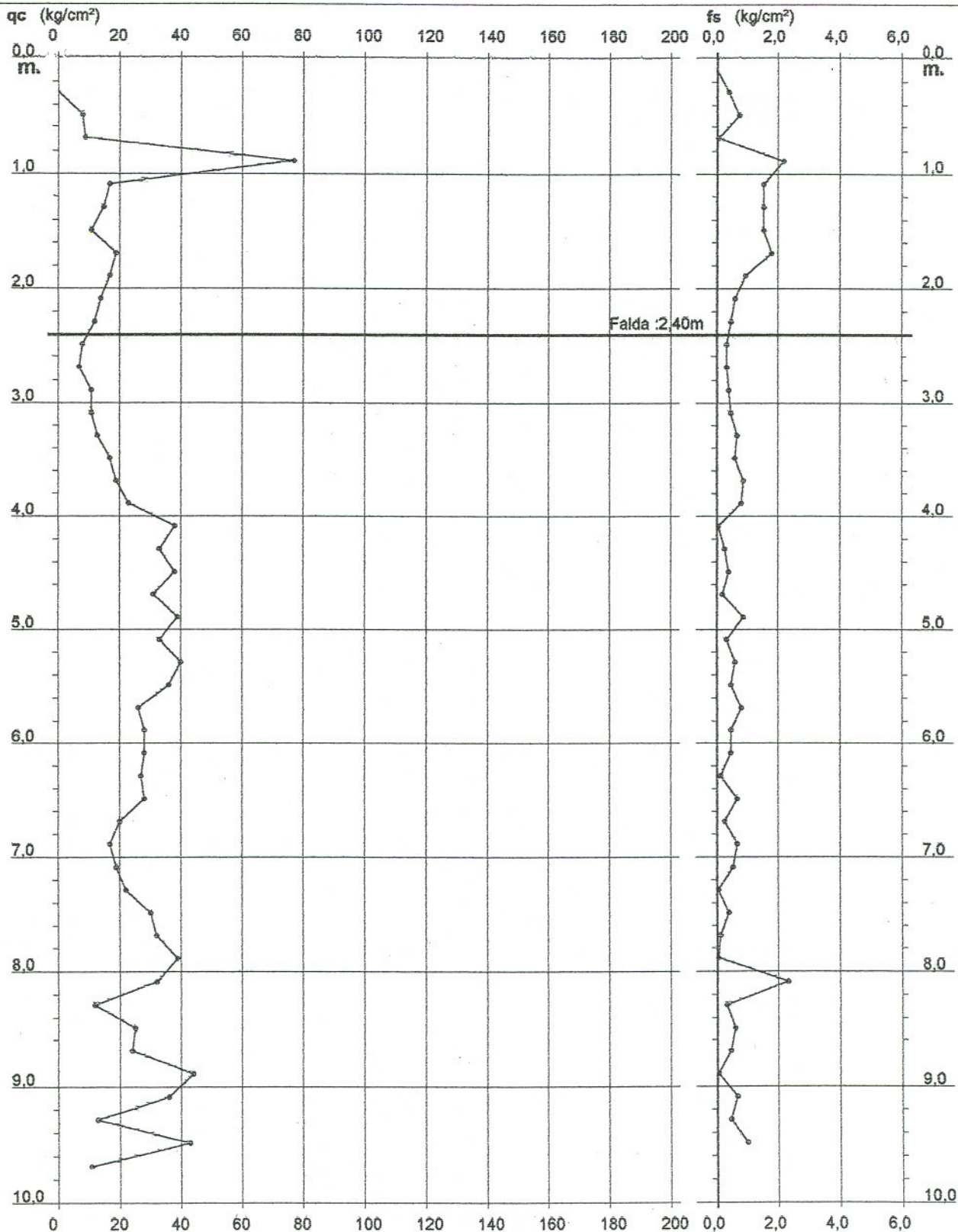
# PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

## CPT 20S-M

2.01PG05-027

- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- località : Modena

- data : 30/12/1899  
- quota inizio : Piano Campagna  
- prof. falda : 2,40 m da quota inizio  
- scala vert.: 1 : 50



**PROVA PENETROMETRICA STATICA**  
**TABELLA PARAMETRI GEOTECNICI**

**CPT 20S-M**

2.01PG05-027

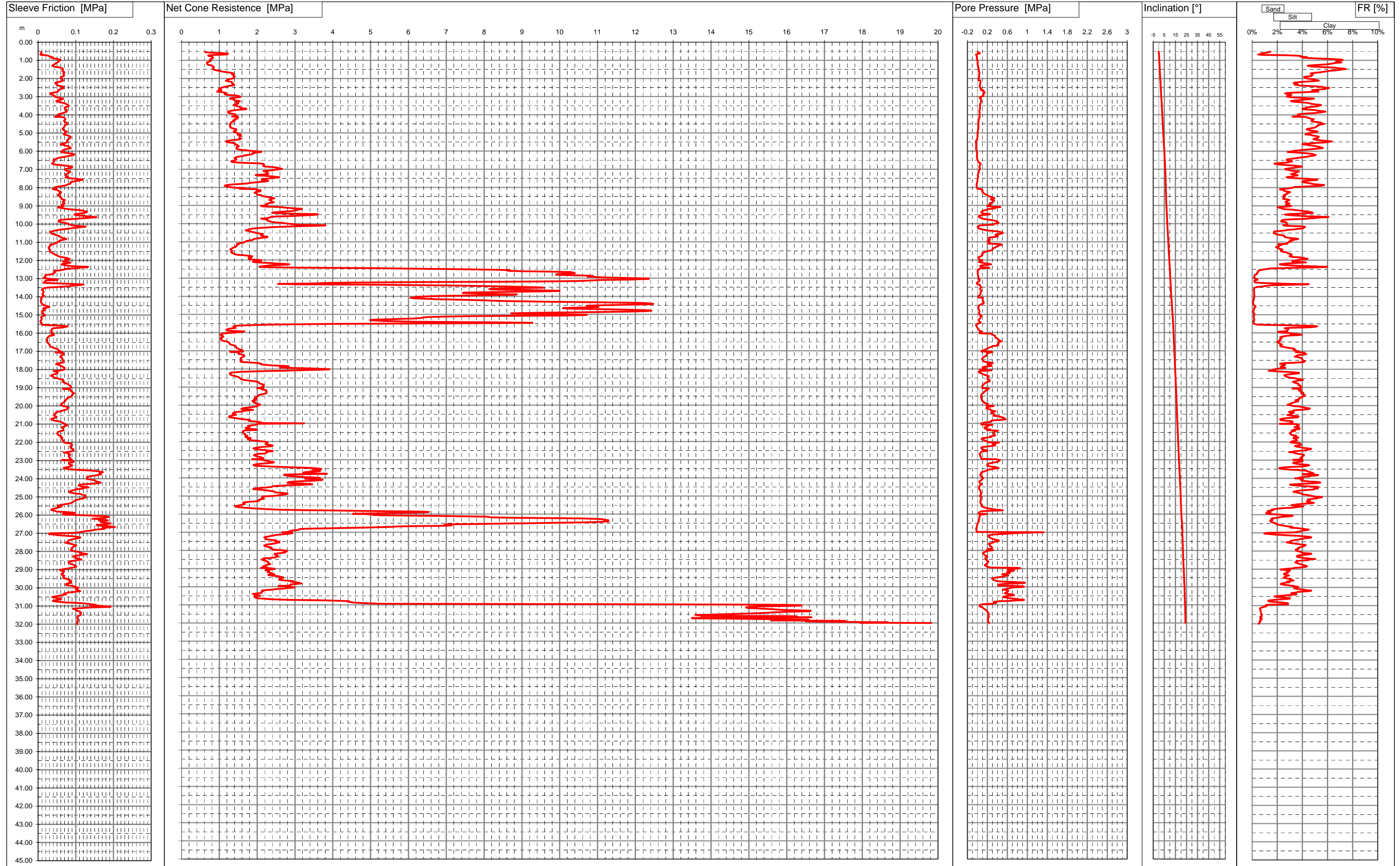
- committente : Autostrada A22  
- lavoro : Costruzione piazzola di sosta emergenza  
- localit  : Modena  
- note :  
- data : 30/12/1899  
- quota inizio : Piano Campagna  
- prof. falda : 2,40 m da quota inizio  
- pagina : 1

Prof. m	qc kg/cm <sup>2</sup>	qc/fs (-)	NATURA COESIVA					NATURA GRANULARE														
			Natura Litol.	Y' t/m <sup>3</sup>	d'vo kg/cm <sup>2</sup>	Cu kg/cm <sup>2</sup>	OCR (-)	Eu50 kg/cm <sup>2</sup>	Eu25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>	Dr %	s1s (°)	s2s (°)	s3s (°)	s4s (°)	sdm (°)	smv (°)	Amax/g (-)	E'50 kg/cm <sup>2</sup>	E'25 kg/cm <sup>2</sup>	Mo kg/cm <sup>2</sup>	
0,20	--	--	????	1,85	0,04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0,40	--	--	????	1,85	0,07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0,60	8	11	2////	1,85	0,11	0,40	31,2	68	102	35	--	--	--	--	--	--	--	--	--	--	--	
0,80	9	135	4//:	1,85	0,15	0,45	25,2	77	115	38	36	33	36	38	41	34	26	0,070	15	23	27	
1,00	77	35	3:::	1,85	0,19	--	--	--	--	--	100	42	43	45	46	43	33	0,258	128	193	231	
1,20	17	11	2////	1,85	0,22	0,72	27,5	123	184	54	--	--	--	--	--	--	--	--	--	--	--	
1,40	15	10	2////	1,85	0,26	0,67	20,5	113	170	50	--	--	--	--	--	--	--	--	--	--	--	
1,60	11	7	2////	1,85	0,30	0,54	13,2	91	137	42	--	--	--	--	--	--	--	--	--	--	--	
1,80	19	11	2////	1,85	0,33	0,78	18,1	132	198	58	--	--	--	--	--	--	--	--	--	--	--	
2,00	17	18	2////	1,85	0,37	0,72	14,5	123	184	54	--	--	--	--	--	--	--	--	--	--	--	
2,20	14	23	2////	1,85	0,41	0,64	11,0	108	162	48	--	--	--	--	--	--	--	--	--	--	--	
2,40	12	26	2////	0,92	0,43	0,57	9,1	101	151	45	--	--	--	--	--	--	--	--	--	--	--	
2,60	8	24	2////	0,86	0,44	0,40	5,5	120	180	35	--	--	--	--	--	--	--	--	--	--	--	
2,80	7	21	2////	0,84	0,46	0,35	4,5	128	192	32	--	--	--	--	--	--	--	--	--	--	--	
3,00	11	27	2////	0,91	0,48	0,54	7,3	118	177	42	--	--	--	--	--	--	--	--	--	--	--	
3,20	11	24	2////	0,91	0,50	0,54	6,9	125	187	42	--	--	--	--	--	--	--	--	--	--	--	
3,40	13	19	2////	0,93	0,51	0,60	7,7	125	187	47	--	--	--	--	--	--	--	--	--	--	--	
3,60	17	28	2////	0,97	0,53	0,72	9,2	127	190	54	--	--	--	--	--	--	--	--	--	--	--	
3,80	19	22	2////	0,99	0,55	0,78	9,6	133	200	58	--	--	--	--	--	--	--	--	--	--	--	
4,00	23	29	4//:	0,94	0,57	0,87	10,6	148	221	69	35	33	35	36	41	32	28	0,069	36	58	69	
4,20	38	570	3:::	0,90	0,59	--	--	--	--	--	52	35	37	40	42	35	30	0,108	63	95	114	
4,40	33	124	3:::	0,88	0,61	--	--	--	--	--	46	34	37	39	42	34	29	0,094	55	83	99	
4,60	38	95	3:::	0,90	0,63	--	--	--	--	--	50	35	37	40	42	34	30	0,104	63	95	114	
4,80	31	155	3:::	0,86	0,64	--	--	--	--	--	43	34	36	39	41	33	29	0,086	52	78	93	
5,00	39	45	3:::	0,90	0,66	--	--	--	--	--	50	35	37	40	42	34	30	0,103	65	98	117	
5,20	33	99	3:::	0,88	0,68	--	--	--	--	--	43	34	36	39	41	33	29	0,088	55	83	99	
5,40	40	67	3:::	0,90	0,70	--	--	--	--	--	49	35	37	39	42	34	30	0,102	67	100	120	
5,60	36	77	3:::	0,89	0,71	--	--	--	--	--	45	34	37	39	42	33	30	0,092	60	90	106	
5,80	26	32	3:::	0,87	0,73	--	--	--	--	--	33	33	35	38	41	31	28	0,065	43	65	78	
6,00	28	60	3:::	0,87	0,75	--	--	--	--	--	35	33	35	38	41	31	28	0,069	47	70	84	
6,20	28	60	3:::	0,87	0,77	--	--	--	--	--	35	33	35	38	41	31	28	0,068	47	70	84	
6,40	27	202	3:::	0,87	0,78	--	--	--	--	--	33	33	35	38	41	31	28	0,064	45	65	81	
6,60	28	42	3:::	0,87	0,80	--	--	--	--	--	34	33	35	38	41	31	28	0,066	47	70	84	
6,80	20	75	4//:	0,93	0,82	0,80	6,1	216	324	60	22	31	34	37	40	29	27	0,041	33	50	60	
7,00	17	25	2////	0,97	0,84	0,72	5,2	230	345	54	--	--	--	--	--	--	--	--	--	--	--	
7,20	19	36	4//:	0,92	0,86	0,78	5,5	232	348	58	19	31	33	36	39	29	27	0,036	32	48	57	
7,40	22	930	3:::	0,96	0,87	--	--	--	--	--	23	31	34	37	40	29	28	0,044	37	55	66	
7,60	30	75	3:::	0,88	0,89	--	--	--	--	--	33	33	35	38	41	31	29	0,065	50	75	90	
7,80	32	240	3:::	0,88	0,91	--	--	--	--	--	35	33	35	38	41	31	29	0,069	53	80	96	
8,00	39	565	3:::	0,90	0,93	--	--	--	--	--	41	34	36	39	41	32	30	0,083	65	98	117	
8,20	32	14	4//:	0,97	0,95	1,07	7,3	234	352	98	34	33	35	38	41	31	29	0,067	53	80	96	
8,40	12	36	4//:	0,88	0,96	0,57	3,3	269	404	45	--	28	31	35	38	25	26	--	20	30	38	
8,60	25	42	3:::	0,86	0,98	--	--	--	--	--	25	31	34	37	40	29	28	0,047	42	63	75	
8,80	24	51	3:::	0,86	1,00	--	--	--	--	--	23	31	34	37	40	29	28	0,044	40	60	72	
9,00	44	680	3:::	0,91	1,02	--	--	--	--	--	43	34	38	39	41	32	31	0,088	73	110	132	
9,20	36	54	3:::	0,89	1,04	--	--	--	--	--	36	33	36	38	41	31	30	0,071	60	90	108	
9,40	13	28	2////	0,93	1,05	0,60	3,1	292	437	47	--	--	--	--	--	--	--	--	--	--	--	
9,60	43	43	3:::	0,91	1,07	--	--	--	--	--	41	34	36	39	41	32	30	0,083	72	108	129	
9,80	11	--	2////	0,91	1,09	0,54	2,6	281	422	42	--	--	--	--	--	--	--	--	--	--	--	

Committente AUTOSTRADA DEL BRENNERO SPA  
 Località VIA VALLE  
 Cantiere SOVRAPASSO N° 128  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 107/2012  
 Data 16\03\12 Emesso il 19/03/12  
 Falda 3,50 ml  
 Preforo 0.50 m. p.c.

**MO-CPTU1**


  
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 Telefono +39 059 313999  
 Telefax +39 059 454827  
 Email [info@intergeosrl.it](mailto:info@intergeosrl.it)



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.63	9.26	3.02
0.54	0.63	8.82	11.16
0.56	0.65	8.60	19.30
0.58	0.77	8.82	34.42
0.60	1.04	8.16	50.70
0.62	1.17	8.16	47.21
0.64	1.23	8.83	23.37
0.66	1.16	10.39	-6.28
0.68	1.21	5.73	-27.21
0.70	0.90	7.95	-26.63
0.72	0.74	19.95	-13.26
0.74	0.70	26.18	-12.68
0.76	0.72	28.85	-12.10
0.78	0.76	30.18	-10.35
0.80	0.81	32.41	-9.19
0.82	0.82	37.30	-9.19
0.84	0.83	36.86	-10.35
0.86	0.83	35.08	-8.02
0.88	0.83	39.31	-9.19
0.90	0.81	45.09	-9.19
0.92	0.78	49.98	-8.61
0.94	0.76	54.65	-9.19
0.96	0.75	57.76	-9.19
0.98	0.76	59.32	-5.12
1.00	0.77	58.65	-2.21
1.02	0.78	56.88	-1.05
1.04	0.78	55.77	0.11
1.06	0.75	53.99	4.19
1.08	0.72	52.44	5.93
1.10	0.70	52.44	7.09
1.12	0.67	51.15	5.35
1.14	0.68	48.71	5.93
1.16	0.68	47.15	5.35
1.18	0.68	46.04	5.35
1.20	0.68	44.71	-1.05
1.22	0.68	43.15	1.86
1.24	0.70	40.93	3.60
1.26	0.73	39.37	7.67
1.28	0.79	37.82	11.74
1.30	0.81	37.37	13.49
1.32	0.82	39.37	14.07
1.34	0.84	41.82	14.07
1.36	0.85	46.71	14.07
1.38	0.85	53.16	16.40
1.40	0.84	58.49	17.56
1.42	0.84	60.71	19.30
1.44	0.84	63.16	23.95
1.46	0.82	65.38	25.11
1.48	0.82	66.49	28.60
1.50	0.85	65.60	29.77

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.87	65.38	25.70
1.54	0.90	65.60	28.02
1.56	0.93	64.49	29.19
1.58	0.99	64.49	29.77
1.60	1.03	65.16	30.93
1.62	1.08	66.49	33.26
1.64	1.15	67.83	35.58
1.66	1.22	70.05	39.65
1.68	1.29	69.16	41.98
1.70	1.33	68.05	40.81
1.72	1.38	67.16	40.81
1.74	1.36	66.94	38.49
1.76	1.33	67.60	35.58
1.78	1.33	67.60	33.84
1.80	1.36	68.49	34.42
1.82	1.39	69.16	35.00
1.84	1.39	68.94	35.00
1.86	1.38	68.49	34.42
1.88	1.39	66.05	33.84
1.90	1.41	62.27	33.26
1.92	1.40	60.27	31.51
1.94	1.38	60.27	30.35
1.96	1.38	60.71	30.35
1.98	1.38	60.93	29.19
2.00	1.35	61.82	28.60
2.02	1.32	63.38	28.02
2.04	1.27	64.27	25.11
2.06	1.22	64.27	22.79
2.08	1.22	64.71	22.79
2.10	1.21	66.49	23.37
2.12	1.17	65.60	61.75
2.14	1.20	63.16	60.58
2.16	1.24	59.38	59.42
2.18	1.30	54.93	61.16
2.20	1.33	51.60	60.00
2.22	1.34	47.60	58.26
2.24	1.33	45.60	57.68
2.26	1.33	45.82	58.84
2.28	1.34	49.38	57.68
2.30	1.34	50.49	55.35
2.32	1.39	48.71	55.93
2.34	1.39	48.49	55.93
2.36	1.39	51.16	55.35
2.38	1.36	52.49	53.60
2.40	1.30	56.05	49.53
2.42	1.24	61.60	47.79
2.44	1.20	65.60	47.21
2.46	1.14	67.60	48.37
2.48	1.10	66.04	51.28
2.50	1.08	66.04	51.28

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.04	67.82	54.77
2.54	1.04	65.15	72.21
2.56	1.03	62.04	71.63
2.58	0.98	60.93	71.05
2.60	0.99	57.37	71.63
2.62	1.04	55.82	73.38
2.64	1.06	52.93	74.54
2.66	1.02	54.04	121.05
2.68	0.98	54.26	119.30
2.70	0.96	53.37	114.66
2.72	0.94	52.03	112.33
2.74	1.01	50.03	135.59
2.76	1.08	44.92	141.40
2.78	1.14	38.70	145.47
2.80	1.17	33.36	141.98
2.82	1.20	32.03	136.17
2.84	1.15	32.47	128.61
2.86	1.14	32.92	118.72
2.88	1.15	35.81	114.66
2.90	1.19	38.69	114.08
2.92	1.32	42.25	118.14
2.94	1.44	43.14	121.05
2.96	1.49	44.25	119.30
2.98	1.53	43.36	104.77
3.00	1.55	44.47	76.28
3.02	1.56	47.13	54.77
3.04	1.51	50.91	48.95
3.06	1.40	54.24	47.21
3.08	1.32	59.13	45.47
3.10	1.28	66.02	71.05
3.12	1.29	66.46	70.47
3.14	1.36	65.13	73.38
3.16	1.40	60.90	73.38
3.18	1.38	57.35	72.79
3.20	1.39	52.46	70.47
3.22	1.44	49.79	71.05
3.24	1.51	48.23	72.79
3.26	1.55	50.01	75.70
3.28	1.52	52.90	72.21
3.30	1.48	56.90	68.72
3.32	1.44	61.79	65.23
3.34	1.46	67.12	63.49
3.36	1.49	70.89	63.49
3.38	1.50	72.89	62.33
3.40	1.49	74.23	59.42
3.42	1.46	76.23	55.35
3.44	1.39	78.22	51.86
3.46	1.38	80.22	50.70
3.48	1.40	80.00	51.28
3.50	1.42	79.55	51.28



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.45	80.44	51.86
3.54	1.49	79.33	51.86
3.56	1.54	76.66	51.28
3.58	1.55	72.66	51.28
3.60	1.57	69.99	50.12
3.62	1.56	70.88	50.12
3.64	1.60	71.32	50.12
3.66	1.70	70.87	51.86
3.68	1.72	71.76	51.28
3.70	1.66	73.09	48.37
3.72	1.55	75.32	45.47
3.74	1.44	76.42	41.98
3.76	1.38	75.09	39.07
3.78	1.31	74.20	37.32
3.80	1.27	75.75	36.74
3.82	1.23	76.64	36.74
3.84	1.22	73.75	40.23
3.86	1.22	71.30	40.81
3.88	1.23	68.41	41.40
3.90	1.26	66.41	42.56
3.92	1.30	60.85	43.14
3.94	1.34	56.85	44.89
3.96	1.38	54.63	44.89
3.98	1.42	53.96	45.47
4.00	1.41	54.18	44.30
4.02	1.42	53.29	43.72
4.04	1.43	54.40	43.14
4.06	1.46	56.62	41.98
4.08	1.48	58.62	40.81
4.10	1.33	44.40	36.74
4.12	1.50	66.85	45.47
4.14	1.50	68.17	43.14
4.16	1.50	69.51	40.23
4.18	1.48	70.62	38.49
4.20	1.49	71.29	36.74
4.22	1.46	71.73	30.93
4.24	1.41	72.62	28.02
4.26	1.42	71.51	28.02
4.28	1.42	71.28	27.44
4.30	1.38	69.95	26.28
4.32	1.36	69.28	25.70
4.34	1.40	69.06	25.11
4.36	1.40	69.50	24.53
4.38	1.36	70.84	22.79
4.40	1.33	72.83	21.63
4.42	1.31	75.28	21.63
4.44	1.31	75.50	21.05
4.46	1.31	76.61	21.05
4.48	1.29	77.27	21.05
4.50	1.28	77.94	21.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	1.28	75.72	21.05
4.54	1.29	73.94	21.05
4.56	1.28	71.49	20.46
4.58	1.29	71.27	20.46
4.60	1.29	70.60	19.88
4.62	1.28	70.15	19.88
4.64	1.29	69.93	19.30
4.66	1.29	69.49	19.30
4.68	1.29	68.37	18.72
4.70	1.29	68.15	18.72
4.72	1.32	67.04	19.30
4.74	1.33	65.71	19.30
4.76	1.39	65.26	19.30
4.78	1.42	65.04	18.72
4.80	1.45	65.70	16.40
4.82	1.45	67.48	14.07
4.84	1.44	68.14	11.74
4.86	1.45	69.26	10.58
4.88	1.41	71.92	7.09
4.90	1.38	74.81	6.51
4.92	1.38	76.14	6.51
4.94	1.38	75.03	5.93
4.96	1.39	73.70	4.77
4.98	1.45	71.92	5.35
5.00	1.48	70.80	4.77
5.02	1.50	70.14	2.44
5.04	1.51	68.80	2.44
5.06	1.53	68.14	2.44
5.08	1.56	69.25	1.86
5.10	1.48	72.58	3.02
5.12	1.57	78.14	3.60
5.14	1.58	80.36	3.02
5.16	1.57	82.36	2.44
5.18	1.54	84.36	1.86
5.20	1.53	85.91	1.28
5.22	1.54	86.14	0.11
5.24	1.54	85.91	-1.05
5.26	1.54	84.80	-1.05
5.28	1.53	84.36	-2.21
5.30	1.53	82.36	-2.80
5.32	1.56	81.24	-3.38
5.34	1.56	80.13	-3.96
5.36	1.52	79.24	-5.70
5.38	1.43	77.91	-8.61
5.40	1.34	76.35	-19.07
5.42	1.28	76.79	-26.05
5.44	1.22	77.68	-28.96
5.46	1.17	79.01	-29.54
5.48	1.19	78.57	-28.96
5.50	1.20	77.23	-28.96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	1.23	74.34	-27.80
5.54	1.32	72.34	-27.21
5.56	1.38	69.01	-26.05
5.58	1.39	65.00	-26.05
5.60	1.42	60.56	-25.47
5.62	1.42	59.45	-25.47
5.64	1.42	63.45	-26.05
5.66	1.47	69.22	-26.05
5.68	1.49	71.67	-26.05
5.70	1.49	75.22	-25.47
5.72	1.50	79.89	-25.47
5.74	1.52	81.66	-25.47
5.76	1.46	83.44	-26.05
5.78	1.46	83.66	-26.63
5.80	1.45	85.22	-26.63
5.82	1.46	87.44	-26.05
5.84	1.45	85.44	-26.05
5.86	1.45	79.88	-25.47
5.88	1.45	75.22	-24.89
5.90	1.48	70.33	-24.89
5.92	1.53	68.11	-23.72
5.94	1.62	66.55	-22.56
5.96	1.73	64.99	-20.82
5.98	1.82	63.21	-19.07
6.00	1.91	63.44	-17.33
6.02	2.04	62.99	-15.00
6.04	2.11	61.44	-13.26
6.06	2.06	66.99	-12.68
6.08	2.00	72.99	-12.10
6.10	1.88	80.34	-3.96
6.12	1.91	87.23	-4.54
6.14	1.89	93.23	-4.54
6.16	1.88	95.67	-5.12
6.18	1.85	95.89	-6.28
6.20	1.79	94.78	-7.44
6.22	1.73	92.34	-8.61
6.24	1.67	87.23	-9.19
6.26	1.63	80.56	-9.77
6.28	1.62	75.45	-9.77
6.30	1.53	71.22	-10.35
6.32	1.47	65.45	-10.35
6.34	1.44	59.44	-9.19
6.36	1.42	54.55	-8.02
6.38	1.40	52.11	-6.86
6.40	1.43	49.22	-5.70
6.42	1.44	46.55	-3.38
6.44	1.44	43.44	-0.47
6.46	1.45	41.22	2.44
6.48	1.45	41.00	4.77
6.50	1.42	40.55	6.51

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova 2

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	1.40	40.55	8.83
6.54	1.34	42.11	11.16
6.56	1.31	43.22	14.65
6.58	1.33	41.66	17.56
6.60	1.33	40.77	21.63
6.62	1.39	40.11	27.44
6.64	1.55	39.66	37.32
6.66	1.82	37.44	50.12
6.68	2.06	37.22	60.00
6.70	2.17	39.89	66.40
6.72	2.16	44.11	65.23
6.74	2.17	50.33	61.16
6.76	2.18	59.66	56.51
6.78	2.17	68.11	51.28
6.80	2.16	76.33	45.47
6.82	2.16	83.44	41.98
6.84	2.17	89.22	39.07
6.86	2.25	91.00	40.81
6.88	2.39	89.89	41.98
6.90	2.52	88.33	37.90
6.92	2.51	85.89	43.72
6.94	2.59	80.33	52.44
6.96	2.59	75.22	49.53
6.98	2.66	71.88	49.53
7.00	2.60	70.77	48.95
7.02	2.51	71.44	43.14
7.04	2.44	74.77	37.90
7.06	2.40	74.77	33.26
7.08	2.32	75.43	29.19
7.10	2.17	84.32	32.09
7.12	2.21	85.44	31.51
7.14	2.27	84.99	30.35
7.16	2.27	83.44	27.44
7.18	2.27	82.32	23.95
7.20	2.24	80.32	21.63
7.22	2.28	77.88	19.88
7.24	2.30	75.66	19.30
7.26	2.30	73.21	17.56
7.28	2.24	73.65	14.07
7.30	2.09	73.21	10.58
7.32	1.96	73.87	8.25
7.34	1.99	73.65	8.83
7.36	2.18	73.87	10.00
7.38	2.32	78.10	11.74
7.40	2.40	79.87	13.49
7.42	2.52	74.32	14.07
7.44	2.59	72.54	14.07
7.46	2.51	77.87	11.74
7.48	2.46	85.20	9.42
7.50	2.36	93.20	7.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	2.24	103.65	5.93
7.54	2.17	113.65	4.19
7.56	2.14	117.87	2.44
7.58	2.12	115.65	0.70
7.60	2.12	109.20	0.11
7.62	2.23	103.87	1.28
7.64	2.29	98.09	2.44
7.66	2.27	94.75	0.70
7.68	2.19	91.20	-0.47
7.70	2.07	86.08	-3.96
7.72	1.97	86.53	-5.70
7.74	1.88	85.42	-7.44
7.76	1.79	85.42	-8.02
7.78	1.76	85.86	-9.19
7.80	1.66	82.97	-11.51
7.82	1.49	78.97	-14.42
7.84	1.36	76.75	-16.17
7.86	1.23	75.19	-18.49
7.88	1.18	71.19	-18.49
7.90	1.15	66.75	-17.91
7.92	1.15	61.63	-16.75
7.94	1.18	54.74	-15.59
7.96	1.21	48.08	-13.84
7.98	1.26	44.08	-11.51
8.00	1.35	44.52	-9.77
8.02	1.44	47.19	-7.44
8.04	1.55	48.30	-5.12
8.06	1.69	48.97	-1.05
8.08	1.54	38.52	-1.63
8.10	1.99	44.99	87.91
8.12	1.97	48.99	82.68
8.14	1.98	51.44	87.33
8.16	2.09	53.22	97.21
8.18	2.08	54.11	104.77
8.20	2.05	55.66	105.35
8.22	2.08	57.66	98.96
8.24	1.97	61.44	94.89
8.26	1.97	61.44	101.86
8.28	1.94	59.22	110.00
8.30	1.93	57.88	118.14
8.32	1.99	56.55	127.45
8.34	1.99	56.11	133.84
8.36	1.99	56.55	147.80
8.38	2.00	54.33	161.17
8.40	2.00	53.44	175.12
8.42	2.06	53.22	192.57
8.44	2.12	53.88	196.64
8.46	2.12	57.22	214.08
8.48	2.15	56.77	229.78
8.50	2.18	57.66	243.15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	2.25	59.00	263.50
8.54	2.29	60.77	286.18
8.56	2.34	61.44	315.83
8.58	2.42	60.77	333.85
8.60	2.45	61.88	341.41
8.62	2.44	61.88	316.99
8.64	2.37	63.88	282.10
8.66	2.36	67.44	264.08
8.68	2.32	71.22	276.88
8.70	2.32	70.33	312.92
8.72	2.37	67.44	334.43
8.74	2.37	68.11	333.27
8.76	2.39	67.44	328.62
8.78	2.39	65.88	313.50
8.80	2.41	65.44	311.76
8.82	2.44	67.44	303.62
8.84	2.40	69.44	286.76
8.86	2.33	70.77	257.69
8.88	2.30	70.32	246.64
8.90	2.28	67.44	245.48
8.92	2.23	66.77	254.78
8.94	2.27	62.10	271.64
8.96	2.27	64.55	263.50
8.98	2.22	65.21	230.94
9.00	2.17	66.99	205.36
9.02	2.10	67.43	195.48
9.04	2.12	63.21	226.29
9.06	2.26	60.54	297.80
9.08	2.54	52.33	461.19
9.10	2.68	57.22	414.67
9.12	2.76	63.22	365.83
9.14	2.87	67.66	336.18
9.16	3.03	74.11	347.81
9.18	3.18	79.44	275.71
9.20	3.17	90.11	197.80
9.22	3.11	103.88	199.54
9.24	3.08	110.77	179.78
9.26	3.02	116.11	147.21
9.28	2.96	120.77	126.29
9.30	2.93	124.33	109.42
9.32	2.81	130.33	88.49
9.34	2.68	129.22	81.51
9.36	2.54	125.88	76.28
9.38	2.45	124.54	74.54
9.40	2.40	120.99	85.00
9.42	2.51	110.77	100.12
9.44	2.79	103.65	133.84
9.46	3.25	101.21	207.10
9.48	3.61	96.10	251.29
9.50	3.58	98.54	222.22

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	3.48	106.31	118.14
9.54	3.23	114.31	42.56
9.56	3.10	124.31	47.79
9.58	2.94	131.64	54.77
9.60	2.56	142.53	24.53
9.62	2.40	155.20	25.11
9.64	2.34	144.08	36.16
9.66	2.36	131.42	49.53
9.68	2.28	119.19	66.40
9.70	2.27	107.41	85.00
9.72	2.10	95.19	89.65
9.74	2.16	78.52	125.70
9.76	2.22	62.97	178.61
9.78	2.28	56.97	232.69
9.80	2.26	55.85	278.04
9.82	2.26	54.07	308.85
9.84	2.27	54.07	351.30
9.86	2.32	54.74	394.90
9.88	2.34	56.52	400.72
9.90	2.39	63.18	390.25
9.92	2.45	69.41	407.70
9.94	2.57	71.85	418.16
9.96	2.69	75.19	421.07
9.98	2.74	77.63	392.00
10.00	2.82	80.08	356.53
10.02	2.92	83.63	322.80
10.04	3.01	87.19	325.13
10.06	3.07	88.74	285.01
10.08	3.68	92.79	128.03
10.10	3.81	104.79	55.35
10.12	3.47	117.24	22.21
10.14	3.07	126.35	11.16
10.16	2.75	121.01	7.09
10.18	2.54	111.68	5.35
10.20	2.36	101.46	6.51
10.22	2.18	91.01	11.16
10.24	2.04	85.90	19.88
10.26	1.92	77.68	32.68
10.28	1.85	69.01	49.53
10.30	1.80	62.56	71.05
10.32	1.79	55.67	103.03
10.34	1.76	49.23	136.75
10.36	1.70	45.67	177.45
10.38	1.71	41.00	228.61
10.40	1.76	36.78	304.78
10.42	1.80	32.34	382.70
10.44	1.85	32.56	432.11
10.46	1.87	33.22	461.19
10.48	1.93	33.67	486.19
10.50	1.97	35.22	509.45

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	2.01	35.22	508.28
10.54	2.05	38.78	492.59
10.56	2.11	41.00	460.60
10.58	2.15	43.00	408.28
10.60	2.13	47.00	378.04
10.62	2.12	50.56	358.28
10.64	2.10	54.56	379.20
10.66	2.12	54.11	399.56
10.68	2.15	57.00	414.67
10.70	2.21	58.56	410.02
10.72	2.27	60.56	371.07
10.74	2.27	62.56	310.60
10.76	2.22	64.56	249.55
10.78	2.13	67.89	229.78
10.80	2.05	72.34	219.90
10.82	1.98	75.23	229.78
10.84	1.91	72.56	237.34
10.86	1.91	67.89	240.24
10.88	1.88	64.56	255.36
10.90	1.88	58.11	252.45
10.92	1.83	56.56	214.66
10.94	1.75	56.78	200.70
10.96	1.71	55.67	219.31
10.98	1.69	51.67	222.22
11.00	1.68	50.55	227.45
11.02	1.67	50.55	243.73
11.04	1.64	48.11	236.18
11.06	1.61	45.44	222.80
11.08	1.52	43.67	219.90
11.10	1.47	41.67	217.57
11.12	1.51	32.12	461.19
11.14	1.49	36.12	483.28
11.16	1.47	35.23	490.26
11.18	1.47	32.79	458.86
11.20	1.46	32.35	428.05
11.22	1.45	31.46	417.00
11.24	1.44	31.23	411.77
11.26	1.45	29.01	387.35
11.28	1.43	27.46	367.58
11.30	1.40	28.35	358.28
11.32	1.37	28.57	350.13
11.34	1.34	28.79	322.80
11.36	1.33	28.57	311.76
11.38	1.32	30.12	301.88
11.40	1.31	31.90	305.36
11.42	1.29	31.90	307.11
11.44	1.31	30.35	293.15
11.46	1.31	31.01	278.04
11.48	1.32	32.35	265.83
11.50	1.34	31.24	224.55

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	1.33	32.35	200.70
11.54	1.33	33.90	169.31
11.56	1.31	35.68	148.38
11.58	1.31	37.46	130.93
11.60	1.33	38.57	121.05
11.62	1.35	39.90	98.38
11.64	1.37	42.35	100.70
11.66	1.40	44.12	103.03
11.68	1.40	44.57	93.14
11.70	1.45	47.24	91.98
11.72	1.52	49.24	102.45
11.74	1.64	51.01	97.21
11.76	1.74	53.90	82.68
11.78	1.83	55.90	83.84
11.80	1.87	59.24	66.40
11.82	1.86	63.01	44.89
11.84	1.80	68.79	26.86
11.86	1.78	75.01	21.05
11.88	1.81	78.57	20.46
11.90	1.83	80.35	25.70
11.92	1.82	83.90	28.60
11.94	1.78	81.01	32.09
11.96	1.81	72.56	35.00
11.98	1.88	71.45	44.30
12.00	2.06	76.56	71.63
12.02	2.12	75.67	99.54
12.04	2.09	68.78	90.82
12.06	1.91	65.67	39.65
12.08	2.07	68.34	40.23
12.10	1.88	80.57	28.60
12.12	1.92	85.90	44.89
12.14	2.07	82.35	73.38
12.16	2.25	76.57	118.72
12.18	2.42	67.01	164.66
12.20	2.55	64.12	198.96
12.22	2.75	61.68	239.66
12.24	2.85	65.45	276.29
12.26	2.75	70.34	233.85
12.28	2.53	75.23	134.42
12.30	2.33	83.67	79.77
12.32	2.21	97.45	56.51
12.34	2.16	118.12	53.02
12.36	2.09	132.78	60.58
12.38	2.06	125.23	69.30
12.40	2.34	111.90	101.86
12.42	3.11	105.23	239.66
12.44	4.38	89.23	228.03
12.46	5.39	72.34	66.98
12.48	6.13	74.34	43.14
12.50	6.98	68.78	35.00

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	7.81	65.00	30.35
12.54	8.33	59.44	22.79
12.56	8.69	49.22	14.07
12.58	8.61	41.66	7.09
12.60	8.64	41.66	3.02
12.62	9.03	43.22	2.44
12.64	9.71	45.00	5.35
12.66	10.28	45.00	7.67
12.68	10.33	44.11	7.09
12.70	10.36	41.66	8.25
12.72	10.40	39.22	8.25
12.74	10.28	40.55	6.51
12.76	10.02	38.11	5.93
12.78	9.92	28.55	6.51
12.80	9.90	21.66	7.67
12.82	9.95	18.33	9.42
12.84	10.29	18.55	13.49
12.86	10.75	19.88	16.40
12.88	10.89	20.10	16.98
12.90	10.79	19.66	16.40
12.92	10.73	17.43	16.98
12.94	10.92	15.21	19.30
12.96	11.18	14.10	21.05
12.98	11.51	17.87	23.37
13.00	12.01	27.21	26.28
13.02	12.36	34.32	29.19
13.04	12.35	45.87	28.60
13.06	12.07	52.31	26.28
13.08	11.94	50.76	25.11
13.10	11.06	23.64	51.86
13.12	10.93	18.53	46.05
13.14	10.67	19.64	39.07
13.16	10.45	20.09	36.74
13.18	9.86	19.86	33.84
13.20	8.36	15.86	24.53
13.22	6.25	14.30	7.67
13.24	4.60	20.75	-3.96
13.26	3.96	45.64	-6.28
13.28	3.61	72.30	-8.61
13.30	3.21	98.97	-12.68
13.32	2.55	120.53	-10.93
13.34	3.17	117.41	15.23
13.36	4.81	111.19	37.90
13.38	6.12	98.08	56.51
13.40	6.91	87.85	53.60
13.42	7.50	80.29	53.60
13.44	8.11	68.29	57.68
13.46	8.59	48.07	61.16
13.48	8.98	34.29	66.98
13.50	9.37	23.40	72.21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	9.57	16.28	71.05
13.54	9.16	14.73	62.33
13.56	8.62	13.39	57.10
13.58	8.25	11.39	53.60
13.60	8.14	10.06	53.60
13.62	8.26	10.06	55.93
13.64	8.63	11.39	61.75
13.66	9.18	12.73	69.89
13.68	9.70	13.84	77.44
13.70	10.00	14.73	82.68
13.72	9.77	14.95	82.10
13.74	9.18	14.28	78.02
13.76	8.40	13.84	69.89
13.78	7.78	13.40	62.91
13.80	7.48	12.73	59.42
13.82	7.43	11.84	60.00
13.84	7.71	11.40	62.91
13.86	8.05	11.84	63.49
13.88	8.44	12.73	62.33
13.90	8.87	12.73	58.84
13.92	8.75	14.73	52.44
13.94	8.22	15.84	41.40
13.96	7.50	13.40	31.51
13.98	6.91	11.40	23.95
14.00	6.52	10.95	19.30
14.02	6.29	11.18	15.81
14.04	6.20	10.06	15.23
14.06	6.15	7.40	15.23
14.08	6.05	7.64	112.91
14.10	6.09	8.75	104.77
14.12	6.26	9.19	103.61
14.14	6.46	9.42	102.45
14.16	6.76	8.75	104.19
14.18	7.15	7.42	105.93
14.20	7.58	6.75	107.68
14.22	7.94	6.75	104.77
14.24	8.26	6.75	105.35
14.26	8.53	7.42	107.68
14.28	9.01	7.42	110.59
14.30	9.76	7.86	118.72
14.32	10.56	8.08	126.29
14.34	11.42	9.19	132.10
14.36	12.07	10.53	131.52
14.38	12.30	10.53	123.96
14.40	12.42	10.53	115.24
14.42	12.47	11.64	94.30
14.44	12.34	15.42	72.21
14.46	11.90	14.97	53.60
14.48	11.39	17.19	43.72
14.50	10.93	21.19	36.16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	10.72	28.08	29.77
14.54	10.72	29.64	25.70
14.56	10.91	30.08	22.79
14.58	11.03	27.41	19.88
14.60	10.84	22.08	18.14
14.62	10.54	16.53	16.98
14.64	10.12	13.63	17.56
14.66	10.08	14.30	20.46
14.68	10.30	16.30	22.21
14.70	10.87	17.63	25.70
14.72	11.47	18.30	28.60
14.74	11.86	16.07	29.77
14.76	12.19	13.41	33.26
14.78	12.42	10.96	36.74
14.80	12.42	10.07	39.07
14.82	12.24	10.51	40.23
14.84	11.89	12.29	40.23
14.86	11.35	12.95	39.65
14.88	10.62	11.62	36.74
14.90	9.73	9.84	33.84
14.92	9.00	11.17	30.93
14.94	8.71	13.62	30.93
14.96	8.93	15.84	35.00
14.98	9.47	17.39	40.81
15.00	10.26	18.73	48.37
15.02	10.72	18.28	54.19
15.04	10.60	16.05	53.60
15.06	10.05	13.83	48.95
15.08	8.43	11.40	87.33
15.10	7.50	9.40	73.38
15.12	6.91	8.51	67.56
15.14	6.55	7.62	65.23
15.16	6.40	8.07	63.49
15.18	6.37	9.18	64.07
15.20	6.35	9.84	62.33
15.22	6.18	10.07	55.35
15.24	5.91	9.18	47.79
15.26	5.56	8.95	37.32
15.28	5.17	8.73	31.51
15.30	4.99	7.62	29.19
15.32	4.99	6.29	29.77
15.34	5.14	5.40	32.68
15.36	5.32	6.06	35.00
15.38	5.67	7.40	39.07
15.40	6.22	8.06	44.89
15.42	7.14	8.95	55.93
15.44	8.29	7.84	65.81
15.46	9.28	9.84	65.81
15.48	8.38	9.84	44.89
15.50	6.03	9.18	17.56

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Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	4.09	9.18	-3.38
15.54	2.98	11.62	-16.75
15.56	2.35	30.07	-23.14
15.58	2.03	55.40	-21.98
15.60	1.66	71.40	-27.21
15.62	1.48	78.96	-25.47
15.64	1.38	75.40	-19.65
15.66	1.37	72.74	-15.00
15.68	1.37	67.85	-10.93
15.70	1.38	59.18	-7.44
15.72	1.38	44.07	-3.38
15.74	1.43	38.07	0.70
15.76	1.37	37.18	7.09
15.78	1.26	37.62	12.32
15.80	1.24	36.29	17.56
15.82	1.21	35.18	21.63
15.84	1.18	34.51	25.11
15.86	1.18	34.29	30.93
15.88	1.21	34.51	36.16
15.90	1.25	36.07	44.30
15.92	1.45	34.74	65.81
15.94	1.66	34.96	89.65
15.96	1.60	34.96	79.77
15.98	1.51	36.07	51.86
16.00	1.38	39.62	42.56
16.02	1.23	40.51	40.81
16.04	1.14	35.85	42.56
16.06	1.07	39.88	279.20
16.08	1.06	40.99	276.88
16.10	1.04	42.54	289.09
16.12	1.03	39.21	309.43
16.14	1.04	32.77	325.71
16.16	1.07	29.66	343.16
16.18	1.08	28.77	353.04
16.20	1.10	27.66	357.69
16.22	1.10	26.10	351.30
16.24	1.09	24.99	357.11
16.26	1.06	24.77	362.34
16.28	1.04	24.99	371.07
16.30	1.04	24.77	383.86
16.32	1.04	24.10	400.14
16.34	1.06	23.88	410.60
16.36	1.04	23.44	412.35
16.38	1.04	23.66	410.60
16.40	1.06	23.88	425.14
16.42	1.06	24.55	436.77
16.44	1.08	23.88	446.65
16.46	1.10	24.11	460.60
16.48	1.18	24.11	486.77
16.50	1.21	24.55	464.68

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.22	25.22	442.00
16.54	1.25	26.55	412.93
16.56	1.26	27.66	410.60
16.58	1.26	28.33	422.23
16.60	1.28	28.77	426.88
16.62	1.28	30.11	416.42
16.64	1.28	31.22	408.86
16.66	1.30	31.22	399.56
16.68	1.32	31.22	417.58
16.70	1.38	31.45	421.65
16.72	1.42	32.34	391.41
16.74	1.43	33.22	305.36
16.76	1.43	35.89	291.41
16.78	1.43	38.11	283.27
16.80	1.45	39.89	263.50
16.82	1.45	43.00	239.66
16.84	1.46	46.11	227.45
16.86	1.46	49.45	212.33
16.88	1.49	51.89	198.96
16.90	1.51	52.34	186.17
16.92	1.52	54.11	167.57
16.94	1.58	54.78	158.26
16.96	1.61	54.78	130.93
16.98	1.59	57.23	104.77
17.00	1.58	60.56	91.40
17.02	1.61	61.67	85.00
17.04	1.63	62.56	79.19
17.06	1.28	46.14	293.15
17.08	1.52	66.36	298.97
17.10	1.52	66.36	265.83
17.12	1.53	65.69	222.22
17.14	1.52	66.58	191.99
17.16	1.50	67.47	187.91
17.18	1.51	67.47	195.48
17.20	1.57	65.02	197.22
17.22	1.63	62.13	186.17
17.24	1.65	61.47	186.17
17.26	1.66	60.58	177.45
17.28	1.66	60.13	173.38
17.30	1.66	58.13	157.68
17.32	1.65	60.13	145.47
17.34	1.63	61.91	133.26
17.36	1.62	63.46	122.21
17.38	1.58	64.13	116.40
17.40	1.57	63.90	107.68
17.42	1.56	64.35	100.12
17.44	1.57	65.46	93.72
17.46	1.57	65.46	92.56
17.48	1.57	65.90	97.80
17.50	1.57	65.90	102.45

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.59	66.35	106.51
17.54	1.59	67.90	110.59
17.56	1.57	69.01	116.40
17.58	1.56	67.68	121.63
17.60	1.56	66.56	135.59
17.62	1.61	63.90	165.82
17.64	1.74	59.01	223.96
17.66	1.94	52.12	289.67
17.68	2.03	49.23	308.85
17.70	2.09	47.23	276.88
17.72	2.11	49.67	229.20
17.74	2.09	53.90	201.87
17.76	2.13	57.67	210.59
17.78	2.23	59.01	240.82
17.80	2.36	59.45	270.48
17.82	2.53	62.78	276.88
17.84	2.73	65.45	286.18
17.86	2.84	65.90	210.59
17.88	2.72	68.12	147.21
17.90	2.69	70.12	113.49
17.92	2.60	70.56	97.21
17.94	2.80	70.12	117.56
17.96	3.15	70.12	160.59
17.98	3.47	69.45	168.15
18.00	3.77	69.23	150.70
18.02	3.91	65.89	108.26
18.04	3.75	61.45	66.98
18.06	3.37	55.89	44.89
18.08	3.11	41.01	285.01
18.10	2.66	44.57	166.40
18.12	2.23	48.57	71.63
18.14	1.85	50.79	37.90
18.16	1.59	51.90	29.77
18.18	1.44	51.90	28.60
18.20	1.33	51.68	36.16
18.22	1.29	49.68	55.93
18.24	1.28	46.79	75.12
18.26	1.28	42.35	91.40
18.28	1.28	39.23	105.93
18.30	1.29	36.79	119.30
18.32	1.31	34.57	135.59
18.34	1.32	34.57	158.26
18.36	1.34	36.12	183.26
18.38	1.38	37.68	204.20
18.40	1.43	39.90	228.61
18.42	1.46	41.23	228.03
18.44	1.49	43.68	224.55
18.46	1.51	47.01	207.69
18.48	1.53	50.57	201.29
18.50	1.54	54.79	205.36

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova 2

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.57	57.90	197.22
18.54	1.56	62.12	200.12
18.56	1.58	65.68	203.61
18.58	1.59	67.01	216.99
18.60	1.63	67.68	234.43
18.62	1.70	65.45	243.73
18.64	1.80	65.45	243.73
18.66	1.85	66.34	247.22
18.68	1.94	65.68	245.48
18.70	1.99	66.79	221.06
18.72	2.00	69.01	203.03
18.74	2.05	71.67	178.61
18.76	2.05	75.01	164.08
18.78	2.06	76.56	154.19
18.80	2.06	78.56	143.73
18.82	2.09	80.34	135.00
18.84	2.13	81.45	133.84
18.86	2.16	82.56	120.47
18.88	2.17	84.78	109.42
18.90	2.15	86.34	104.19
18.92	2.16	86.56	102.45
18.94	2.17	86.78	98.96
18.96	2.16	87.67	97.21
18.98	2.15	87.23	93.72
19.00	2.11	86.34	94.89
19.02	2.12	84.11	101.86
19.04	2.15	81.67	108.84
19.06	2.00	65.89	97.21
19.08	2.16	84.12	233.27
19.10	2.13	85.01	206.52
19.12	2.12	85.90	197.22
19.14	2.13	86.34	205.36
19.16	2.21	85.23	194.89
19.18	2.24	87.90	176.87
19.20	2.24	90.12	169.89
19.22	2.25	89.89	153.61
19.24	2.24	90.78	148.96
19.26	2.25	90.78	135.00
19.28	2.25	92.78	129.77
19.30	2.25	95.89	128.03
19.32	2.25	93.22	118.14
19.34	2.24	91.00	111.75
19.36	2.21	92.11	98.38
19.38	2.16	92.11	89.65
19.40	2.12	91.67	86.17
19.42	2.08	89.89	79.19
19.44	2.04	89.66	76.86
19.46	2.04	88.33	76.28
19.48	2.04	87.22	78.02
19.50	2.03	85.22	75.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	2.00	83.66	69.89
19.54	2.00	80.99	77.44
19.56	1.98	78.55	75.70
19.58	1.94	78.11	80.35
19.60	1.97	76.33	76.86
19.62	1.97	76.10	75.70
19.64	1.96	74.77	77.44
19.66	1.92	74.32	83.84
19.68	1.93	72.32	90.82
19.70	1.97	70.32	92.56
19.72	1.93	70.77	87.33
19.74	1.92	71.88	91.40
19.76	1.87	71.44	97.80
19.78	1.87	69.21	101.28
19.80	1.89	68.10	113.49
19.82	1.94	66.77	127.45
19.84	1.94	65.66	139.08
19.86	1.92	62.10	136.75
19.88	1.94	61.66	146.63
19.90	1.98	62.10	172.80
19.92	1.99	61.88	195.48
19.94	2.05	59.66	214.08
19.96	2.08	60.77	208.27
19.98	2.06	64.33	190.82
20.00	2.04	66.77	186.17
20.02	2.01	67.44	175.70
20.04	2.00	74.79	325.71
20.06	2.00	79.23	290.25
20.08	1.93	80.57	254.20
20.10	1.86	81.01	210.01
20.12	1.80	79.23	187.33
20.14	1.70	79.01	194.89
20.16	1.63	78.79	183.26
20.18	1.61	76.34	174.54
20.20	1.58	73.23	204.20
20.22	1.65	70.56	246.06
20.24	1.80	67.90	263.50
20.26	1.89	64.34	261.76
20.28	1.81	62.12	272.80
20.30	1.69	57.01	304.20
20.32	1.62	53.01	339.09
20.34	1.62	49.01	361.18
20.36	1.52	47.01	321.64
20.38	1.45	47.45	289.67
20.40	1.39	47.89	272.22
20.42	1.37	45.67	278.62
20.44	1.37	43.67	299.55
20.46	1.35	42.56	309.43
20.48	1.39	42.56	322.22
20.50	1.42	42.56	338.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.45	41.89	341.41
20.54	1.40	43.67	340.25
20.56	1.37	45.67	325.71
20.58	1.30	48.34	318.16
20.60	1.27	49.00	440.84
20.62	1.27	47.45	432.11
20.64	1.25	47.01	442.00
20.66	1.26	44.12	483.86
20.68	1.33	40.12	518.75
20.70	1.38	37.01	526.30
20.72	1.45	35.23	535.03
20.74	1.51	35.67	555.38
20.76	1.59	35.90	553.63
20.78	1.69	38.56	565.84
20.80	1.80	41.90	492.59
20.82	1.80	46.56	378.04
20.84	1.82	51.90	296.06
20.86	1.77	57.68	272.80
20.88	1.83	61.01	275.13
20.90	1.97	63.01	279.78
20.92	2.06	64.34	247.22
20.94	2.10	66.79	173.38
20.96	2.10	69.45	137.33
20.98	2.11	70.34	108.84
21.00	3.24	72.40	82.68
21.02	2.04	71.23	73.38
21.04	1.99	75.01	78.02
21.06	1.99	76.79	79.77
21.08	1.97	73.02	301.30
21.10	1.89	72.79	267.57
21.12	1.81	69.46	214.66
21.14	1.76	67.46	190.24
21.16	1.77	65.46	199.54
21.18	1.81	63.01	207.10
21.20	1.78	63.46	169.31
21.22	1.75	65.24	145.47
21.24	1.70	66.57	139.66
21.26	1.70	66.79	146.05
21.28	1.70	66.79	152.45
21.30	1.74	67.01	159.42
21.32	1.95	67.01	201.29
21.34	1.98	67.68	255.94
21.36	1.99	65.01	190.82
21.38	1.74	61.90	239.08
21.40	1.65	57.23	412.35
21.42	1.63	54.35	376.30
21.44	1.62	53.01	362.34
21.46	1.62	51.46	337.92
21.48	1.62	51.01	333.85
21.50	1.62	51.46	327.46

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.63	50.57	324.55
21.54	1.65	51.46	336.76
21.56	1.66	51.68	340.25
21.58	1.68	53.46	332.69
21.60	1.69	54.12	336.18
21.62	1.69	55.46	332.69
21.64	1.68	58.57	344.90
21.66	1.69	61.68	357.11
21.68	1.73	60.35	335.60
21.70	1.74	60.79	287.92
21.72	1.73	59.68	258.27
21.74	1.69	63.46	281.52
21.76	1.69	64.57	240.82
21.78	1.76	63.24	197.22
21.80	1.83	62.13	143.73
21.82	1.80	63.24	103.61
21.84	1.80	63.90	78.60
21.86	1.77	64.35	82.68
21.88	1.75	64.35	92.56
21.90	1.80	66.79	111.75
21.92	1.82	67.46	126.87
21.94	1.89	67.90	150.12
21.96	2.02	66.35	171.05
21.98	2.06	67.68	179.78
22.00	2.17	69.02	195.48
22.02	2.25	70.35	203.61
22.04	2.25	73.68	219.90
22.06	2.28	86.36	430.37
22.08	2.25	89.03	390.25
22.10	2.25	90.14	375.72
22.12	2.25	89.25	348.39
22.14	2.22	89.69	299.55
22.16	2.23	90.36	322.80
22.18	2.30	89.03	333.85
22.20	2.38	87.47	360.60
22.22	2.41	84.80	348.97
22.24	2.40	86.36	302.46
22.26	2.37	86.58	240.82
22.28	2.24	87.24	179.78
22.30	2.13	86.13	131.52
22.32	2.04	86.35	88.49
22.34	1.98	87.91	78.02
22.36	1.93	90.79	75.70
22.38	1.90	93.46	82.10
22.40	1.93	93.90	89.65
22.42	1.97	92.57	98.38
22.44	2.04	93.90	112.91
22.46	2.13	93.90	150.70
22.48	2.23	91.01	184.43
22.50	2.33	86.34	202.45

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	2.40	82.56	190.24
22.54	2.41	80.56	135.00
22.56	2.24	67.89	83.84
22.58	2.27	77.23	74.54
22.60	2.25	77.89	67.56
22.62	2.24	79.01	61.16
22.64	2.23	82.34	56.51
22.66	2.22	84.78	54.19
22.68	2.05	85.23	44.30
22.70	1.99	84.78	46.63
22.72	1.95	83.67	49.53
22.74	1.92	82.78	55.35
22.76	1.91	81.67	54.77
22.78	1.93	81.45	55.93
22.80	1.98	81.45	57.10
22.82	1.99	82.78	60.00
22.84	2.04	84.78	67.56
22.86	2.10	84.11	73.38
22.88	2.12	84.34	74.54
22.90	2.11	85.89	75.70
22.92	2.15	87.45	80.35
22.94	2.17	87.67	82.68
22.96	2.16	90.11	83.84
22.98	1.87	62.96	381.53
23.00	2.10	87.41	418.16
23.02	2.14	90.07	453.05
23.04	2.19	91.63	441.42
23.06	2.27	94.96	436.77
23.08	2.27	93.18	429.79
23.10	2.32	88.74	419.90
23.12	2.38	84.74	404.79
23.14	2.45	82.52	364.09
23.16	2.43	81.63	318.16
23.18	2.35	81.63	285.01
23.20	2.26	82.52	250.13
23.22	2.13	83.85	224.55
23.24	2.03	87.18	212.92
23.26	1.97	90.29	201.29
23.28	1.90	90.74	194.31
23.30	1.90	87.63	193.73
23.32	1.91	85.41	192.57
23.34	1.97	85.41	207.10
23.36	2.19	78.52	235.59
23.38	2.39	72.96	269.31
23.40	2.63	68.74	340.25
23.42	2.92	67.41	382.70
23.44	3.19	70.52	411.77
23.46	3.43	75.41	419.32
23.48	3.59	84.30	369.90
23.50	3.65	96.08	328.04

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	3.70	111.86	281.52
23.54	3.58	130.30	248.39
23.56	3.54	143.63	215.82
23.58	3.45	154.97	194.31
23.60	3.52	161.64	179.20
23.62	3.67	169.41	163.50
23.64	3.64	172.30	148.96
23.66	3.46	166.53	122.80
23.68	3.30	163.63	99.54
23.70	3.24	162.52	80.35
23.72	3.21	163.41	72.79
23.74	3.24	167.41	73.38
23.76	3.57	166.07	84.42
23.78	3.85	160.96	86.75
23.80	3.15	158.96	60.58
23.82	2.74	152.07	54.19
23.84	2.70	146.51	54.19
23.86	2.76	138.28	55.35
23.88	2.77	134.95	64.65
23.90	2.86	133.17	73.38
23.92	3.00	129.61	78.60
23.94	3.12	129.17	83.26
23.96	3.28	130.28	94.30
23.98	3.47	130.94	100.12
24.00	3.66	129.17	111.75
24.02	3.36	129.66	117.56
24.04	3.27	137.66	96.63
24.06	3.36	141.44	84.42
24.08	3.65	147.21	89.65
24.10	3.73	152.55	91.40
24.12	3.72	151.66	86.75
24.14	3.58	152.54	74.54
24.16	3.48	155.87	58.26
24.18	3.26	160.98	46.05
24.20	3.01	164.09	40.81
24.22	2.90	165.87	41.40
24.24	2.82	162.09	41.40
24.26	2.80	154.08	44.89
24.28	2.82	140.08	51.28
24.30	2.95	126.97	57.10
24.32	3.19	114.97	75.12
24.34	3.42	108.30	81.51
24.36	3.46	107.41	80.35
24.38	3.22	108.52	69.30
24.40	2.97	110.07	58.84
24.42	2.76	112.07	48.95
24.44	2.61	118.30	37.90
24.46	2.43	131.86	33.26
24.48	2.40	133.86	36.16
24.50	2.40	124.74	38.49

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Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	2.29	118.52	36.16
24.54	2.21	119.63	33.84
24.56	2.07	114.08	30.93
24.58	1.98	102.97	32.09
24.60	1.91	98.74	30.35
24.62	1.90	96.97	34.42
24.64	1.98	92.52	39.65
24.66	2.09	88.75	48.95
24.68	2.19	85.19	53.02
24.70	2.28	84.08	59.42
24.72	2.34	82.53	62.91
24.74	2.43	82.75	66.40
24.76	2.46	85.87	65.23
24.78	2.47	91.42	65.23
24.80	2.47	93.65	64.65
24.82	2.58	102.54	68.72
24.84	2.71	111.87	75.12
24.86	2.78	114.54	81.51
24.88	2.81	116.54	77.44
24.90	2.79	121.65	71.05
24.92	2.72	126.54	67.56
24.94	2.64	125.21	65.23
24.96	2.56	125.88	63.49
24.98	2.50	124.10	55.35
25.00	2.39	125.87	46.63
25.02	2.16	124.12	74.54
25.04	2.13	125.90	75.12
25.06	2.18	121.90	74.54
25.08	2.13	118.34	72.21
25.10	2.12	115.45	71.05
25.12	2.13	111.00	71.05
25.14	2.16	107.22	71.63
25.16	2.17	101.00	72.21
25.18	2.12	99.44	71.05
25.20	2.05	99.44	68.72
25.22	2.04	97.00	66.98
25.24	2.06	94.55	66.40
25.26	2.05	93.66	66.40
25.28	2.03	92.33	66.40
25.30	1.93	91.66	62.91
25.32	1.80	88.77	57.68
25.34	1.69	86.33	53.60
25.36	1.63	84.11	55.35
25.38	1.63	78.55	59.42
25.40	1.65	71.44	64.07
25.42	1.67	65.44	69.89
25.44	1.68	60.77	75.12
25.46	1.64	56.11	78.02
25.48	1.62	52.11	79.77
25.50	1.57	52.78	81.51

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.52	57.89	79.77
25.54	1.46	61.89	80.93
25.56	1.42	57.23	86.75
25.58	1.42	53.89	94.30
25.60	1.45	51.67	106.51
25.62	1.50	49.67	125.70
25.64	1.63	43.01	149.54
25.66	1.75	38.12	172.80
25.68	1.87	37.01	202.45
25.70	2.05	35.01	256.52
25.72	2.23	35.24	312.34
25.74	2.40	37.68	336.76
25.76	2.61	44.13	366.41
25.78	3.19	46.13	511.19
25.80	4.04	49.91	459.44
25.82	4.75	61.02	193.73
25.84	5.48	75.47	98.38
25.86	6.25	89.69	62.91
25.88	6.54	97.69	48.95
25.90	6.46	82.80	36.16
25.92	6.15	68.36	27.44
25.94	5.61	65.69	24.53
25.96	5.00	67.47	22.21
25.98	4.53	75.47	21.05
26.00	4.86	113.47	185.59
26.02	5.04	131.02	83.84
26.04	5.04	158.36	53.02
26.06	5.29	177.24	48.95
26.08	5.88	184.36	50.12
26.10	6.73	188.35	51.28
26.12	7.50	184.57	48.95
26.14	8.04	174.79	45.47
26.16	8.16	177.46	40.81
26.18	8.18	153.01	34.42
26.20	8.89	144.34	35.00
26.22	9.78	155.89	37.32
26.24	10.60	163.67	37.90
26.26	10.95	167.22	37.32
26.28	11.13	184.55	34.42
26.30	11.17	184.77	32.68
26.32	11.21	163.65	30.93
26.34	11.28	164.98	29.77
26.36	11.24	170.09	27.44
26.38	11.18	166.98	25.70
26.40	11.29	170.98	25.11
26.42	11.15	180.53	22.21
26.44	10.85	185.86	18.14
26.46	10.48	192.30	15.23
26.48	9.88	186.07	11.74
26.50	9.23	184.51	8.25

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	8.52	164.73	4.19
26.54	7.87	158.73	1.28
26.56	7.06	155.84	-1.63
26.58	6.95	164.06	-2.21
26.60	7.12	176.72	-3.38
26.62	7.15	192.28	-4.54
26.64	6.99	198.05	-6.86
26.66	6.21	203.83	-9.77
26.68	5.64	187.38	-10.93
26.70	5.58	172.49	-12.10
26.72	5.30	170.04	-13.84
26.74	4.85	177.16	-15.59
26.76	4.40	176.27	-18.49
26.78	3.84	164.04	-20.82
26.80	3.40	151.15	-24.30
26.82	3.15	148.71	-24.89
26.84	3.10	144.71	-23.14
26.86	3.11	137.60	-20.82
26.88	3.05	126.49	-19.65
26.90	2.92	121.37	-19.07
26.92	2.88	116.04	-18.49
26.94	2.92	109.15	-15.59
26.96	2.83	103.60	-13.84
26.98	2.83	95.60	-12.68
27.00	2.66	33.16	1324.03
27.02	2.81	28.72	1001.91
27.04	2.92	28.50	822.25
27.06	2.93	35.83	690.27
27.08	2.82	44.73	607.12
27.10	2.73	50.95	455.95
27.12	2.62	62.06	332.69
27.14	2.52	76.28	276.29
27.16	2.46	90.06	230.36
27.18	2.42	99.62	219.31
27.20	2.37	104.95	222.22
27.22	2.32	110.51	224.55
27.24	2.28	112.29	229.20
27.26	2.21	109.18	233.85
27.28	2.18	103.62	245.48
27.30	2.23	97.40	253.62
27.32	2.22	94.51	267.57
27.34	2.22	89.18	284.43
27.36	2.22	86.29	307.69
27.38	2.22	84.29	326.30
27.40	2.30	80.51	351.88
27.42	2.39	80.29	400.14
27.44	2.49	79.85	423.40
27.46	2.51	78.96	428.63
27.48	2.47	77.18	403.62
27.50	2.47	75.63	399.56



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA VALLE

Cantiere SOVRAPASSO N° 128

Data 16\03\12

Preforo 0.50 m. p.c. Falda 3,50 ml

Prova **2**

Cert. N. 107/2012

Emesso il 19/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	2.59	72.52	331.53
27.54	2.59	76.29	318.16
27.56	2.59	81.41	320.48
27.58	2.52	85.18	305.95
27.60	2.49	89.63	265.25
27.62	2.45	93.85	234.43
27.64	2.39	95.63	227.45
27.66	2.29	101.41	239.08
27.68	2.25	100.52	247.80
27.70	2.23	96.97	252.45
27.72	2.19	94.97	253.62
27.74	2.19	93.19	248.97
27.76	2.21	92.08	258.27
27.78	2.23	91.63	274.55
27.80	2.29	88.74	282.69
27.82	2.34	89.19	288.50
27.84	2.37	90.08	300.71
27.86	2.33	90.08	296.64
27.88	2.34	90.30	293.73
27.90	2.39	87.41	270.48
27.92	2.40	86.08	233.27
27.94	2.41	87.64	201.29
27.96	2.46	91.19	191.99
27.98	2.60	93.67	316.99
28.00	2.73	101.45	280.94
28.02	2.78	106.34	218.15
28.04	2.79	112.34	195.48
28.06	2.78	114.78	167.57
28.08	2.77	113.44	150.70
28.10	2.70	111.00	132.10
28.12	2.73	120.33	110.59
28.14	2.64	130.11	108.84
28.16	2.56	127.00	111.17
28.18	2.49	119.44	116.98
28.20	2.45	112.55	125.70
28.22	2.46	104.55	133.84
28.24	2.53	98.10	136.75
28.26	2.51	94.99	148.38
28.28	2.54	93.43	156.52
28.30	2.50	97.43	173.96
28.32	2.56	95.88	190.82
28.34	2.56	96.54	198.96
28.36	2.48	102.54	191.99
28.38	2.48	104.99	179.20
28.40	2.42	108.54	162.33
28.42	2.32	111.88	158.26
28.44	2.17	114.99	162.91
28.46	2.21	108.32	166.99
28.48	2.17	102.32	164.66
28.50	2.11	99.43	171.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	2.15	90.10	177.45
28.54	2.17	83.87	183.26
28.56	2.21	81.43	191.99
28.58	2.23	81.43	207.10
28.60	2.26	82.99	217.57
28.62	2.29	81.65	222.22
28.64	2.30	81.65	218.15
28.66	2.27	84.32	202.45
28.68	2.30	86.10	197.22
28.70	2.30	89.21	198.38
28.72	2.32	91.65	194.31
28.74	2.34	94.99	193.15
28.76	2.35	96.99	171.63
28.78	2.30	98.99	157.68
28.80	2.26	99.88	146.63
28.82	2.23	101.21	152.45
28.84	2.21	100.99	158.26
28.86	2.18	98.77	167.57
28.88	2.16	94.99	182.10
28.90	2.18	88.32	202.45
28.92	2.22	82.77	228.03
28.94	2.28	77.88	250.13
28.96	2.10	69.87	785.04
28.98	2.32	66.32	858.89
29.00	2.44	60.32	810.62
29.02	2.47	57.21	687.94
29.04	2.38	61.65	618.17
29.06	2.30	66.32	603.06
29.08	2.22	69.21	723.99
29.10	2.24	66.99	735.62
29.12	2.30	65.43	719.92
29.14	2.32	66.77	684.46
29.16	2.29	67.88	634.45
29.18	2.29	66.77	592.59
29.20	2.28	66.77	600.73
29.22	2.32	63.44	645.50
29.24	2.36	61.88	650.73
29.26	2.36	62.99	634.45
29.28	2.42	62.55	589.68
29.30	2.34	65.22	515.84
29.32	2.46	68.33	496.07
29.34	2.30	69.88	530.96
29.36	2.29	68.11	592.59
29.38	2.37	67.00	618.17
29.40	2.44	66.33	557.70
29.42	2.57	69.22	536.77
29.44	2.58	67.66	521.66
29.46	2.63	68.11	472.81
29.48	2.68	69.22	409.44
29.50	2.69	75.00	357.69

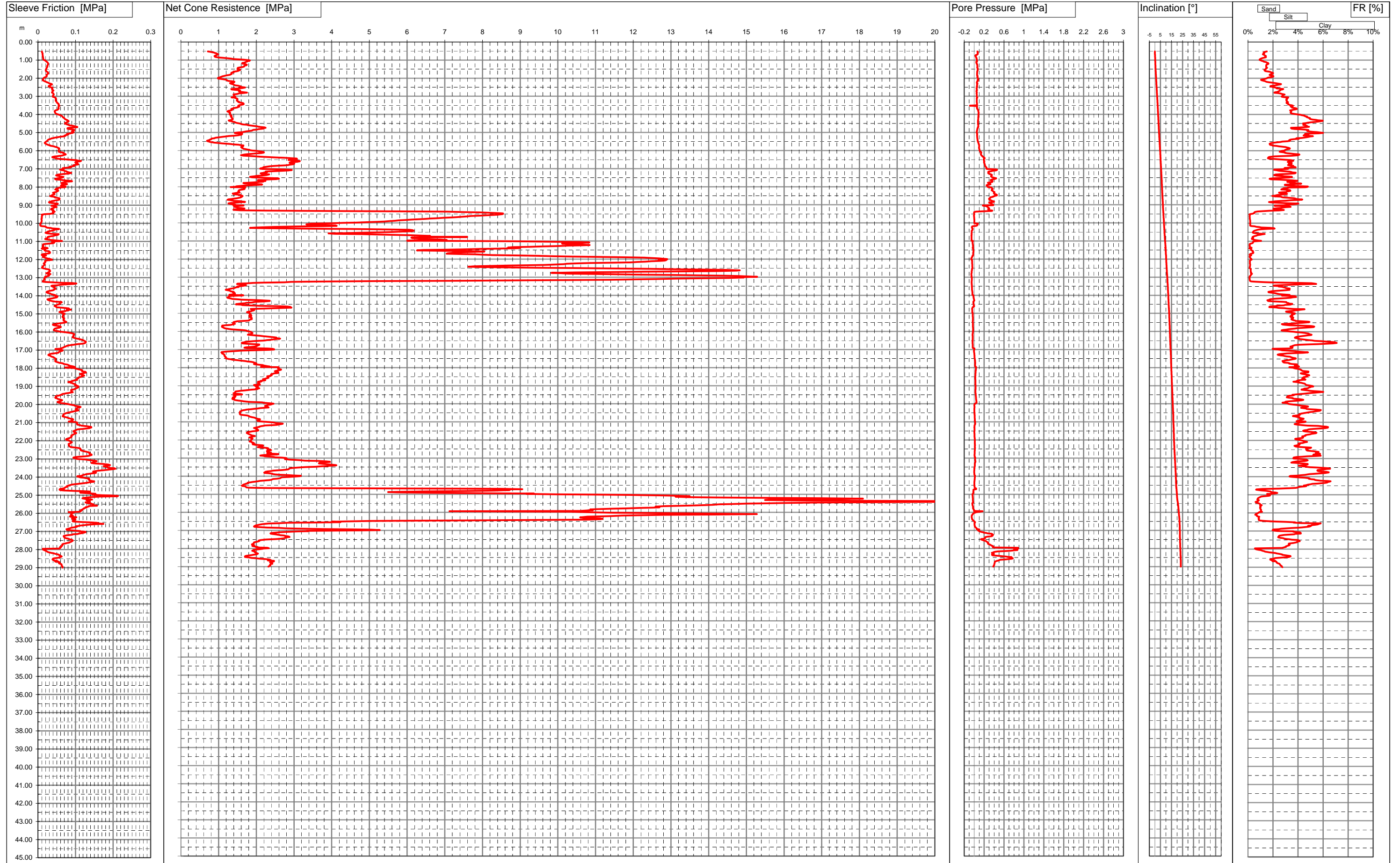
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	2.68	79.00	318.74
29.54	2.60	81.22	294.32
29.56	2.61	80.55	295.48
29.58	2.59	83.89	300.71
29.60	2.58	85.00	305.95
29.62	2.59	88.34	316.41
29.64	2.65	86.34	342.00
29.66	2.78	85.89	373.39
29.68	2.90	82.56	386.76
29.70	2.96	85.00	393.16
29.72	2.88	88.56	557.12
29.74	2.97	82.78	744.34
29.76	3.06	78.78	908.89
29.78	3.11	75.45	954.82
29.80	3.12	73.89	893.19
29.82	3.17	73.67	723.41
29.84	3.07	73.89	547.82
29.86	2.94	77.23	474.56
29.88	2.88	83.45	428.63
29.90	2.87	90.12	453.63
29.92	2.87	98.34	466.42
29.94	2.84	95.01	416.42
29.96	2.56	95.66	826.32
29.98	2.79	106.32	914.12
30.00	2.87	107.21	935.05
30.02	2.95	104.32	863.53
30.04	2.98	102.99	733.88
30.06	2.88	99.88	679.80
30.08	2.79	100.54	644.34
30.10	2.68	103.88	617.01
30.12	2.57	106.10	580.96
30.14	2.44	107.65	542.59
30.16	2.40	109.87	507.12
30.18	2.26	111.87	562.36
30.20	2.14	104.54	589.10
30.22	2.12	95.87	620.50
30.24	2.16	85.87	599.57
30.26	2.12	79.20	607.70
30.28	2.12	77.42	600.73
30.30	2.12	72.98	587.94
30.32	2.12	68.09	573.40
30.34	2.12	70.31	559.45
30.36	2.03	73.65	545.50
30.38	1.93	70.76	588.52
30.40	1.88	65.43	622.82
30.42	1.92	59.43	682.13
30.44	1.94	54.09	719.34
30.46	1.99	48.09	736.79
30.48	2.06	41.65	706.55
30.50	2.08	37.43	625.73



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località VIA CANALE ARGINE  
 Cantiere SOVRAPASSO N° 128  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 103/2012  
 Data 15/03/12 Emesso il 16/03/12  
 Falda 3.40 ml  
 Preforo 0.50 m. p.c.

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova **1**

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.71	10.93	64.07
0.54	0.77	10.93	68.72
0.56	0.83	10.93	76.86
0.58	0.87	10.94	69.30
0.60	0.89	11.39	66.98
0.62	0.93	12.28	72.79
0.64	0.95	11.84	75.12
0.66	0.97	12.29	72.79
0.68	0.99	11.85	68.14
0.70	0.97	12.29	58.26
0.72	0.95	12.52	37.90
0.74	0.93	12.75	26.86
0.76	0.90	12.75	22.21
0.78	0.89	12.98	31.51
0.80	0.90	12.76	29.77
0.82	0.91	12.99	35.58
0.84	0.94	13.66	38.49
0.86	1.02	13.89	42.56
0.88	1.13	13.89	45.47
0.90	1.25	13.89	44.89
0.92	1.33	13.90	48.37
0.94	1.40	13.90	48.95
0.96	1.52	14.35	50.12
0.98	1.66	15.47	54.77
1.00	1.78	17.47	58.26
1.02	1.83	19.03	57.10
1.04	1.82	20.37	56.51
1.06	1.76	21.70	57.68
1.08	1.76	22.37	58.26
1.10	1.73	24.00	41.98
1.12	1.70	25.34	47.21
1.14	1.69	26.00	46.63
1.16	1.63	26.45	47.79
1.18	1.63	26.67	47.21
1.20	1.64	27.34	52.44
1.22	1.70	27.12	57.68
1.24	1.74	26.68	60.00
1.26	1.75	26.23	64.07
1.28	1.74	25.79	64.65
1.30	1.70	24.90	65.81
1.32	1.69	24.90	64.65
1.34	1.68	24.90	64.07
1.36	1.68	24.90	67.56
1.38	1.63	24.01	65.23
1.40	1.59	23.79	62.91
1.42	1.51	23.57	62.91
1.44	1.51	22.91	67.56
1.46	1.53	22.69	70.47
1.48	1.52	21.80	72.79
1.50	1.50	21.35	71.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	1.52	21.13	70.47
1.54	1.57	20.91	73.38
1.56	1.56	20.91	70.47
1.58	1.53	21.13	68.72
1.60	1.52	21.14	66.98
1.62	1.47	22.69	60.58
1.64	1.39	24.03	61.75
1.66	1.39	25.81	59.42
1.68	1.40	26.47	62.33
1.70	1.34	27.14	61.16
1.72	1.34	27.36	62.33
1.74	1.35	27.14	58.84
1.76	1.35	26.03	60.00
1.78	1.33	24.70	57.68
1.80	1.32	23.37	58.84
1.82	1.28	22.48	60.58
1.84	1.23	22.70	60.00
1.86	1.18	23.59	62.91
1.88	1.14	23.59	69.30
1.90	1.09	22.70	66.40
1.92	1.08	21.82	64.65
1.94	1.05	20.04	62.33
1.96	1.04	17.37	68.72
1.98	0.98	15.60	74.54
2.00	0.99	15.15	75.12
2.02	0.98	14.48	74.54
2.04	1.05	14.26	76.86
2.06	1.14	13.82	78.60
2.08	1.18	12.49	83.26
2.10	1.22	12.94	66.40
2.12	1.23	13.83	66.98
2.14	1.24	15.60	76.28
2.16	1.30	17.83	74.54
2.18	1.39	20.05	64.07
2.20	1.42	21.38	57.10
2.22	1.41	24.05	57.10
2.24	1.40	26.71	55.93
2.26	1.36	28.71	53.60
2.28	1.30	30.27	54.77
2.30	1.32	32.71	66.40
2.32	1.35	36.49	64.65
2.34	1.39	37.38	57.68
2.36	1.40	34.94	61.75
2.38	1.42	33.38	55.93
2.40	1.45	32.05	55.93
2.42	1.52	28.94	59.42
2.44	1.56	28.27	60.58
2.46	1.58	30.05	53.02
2.48	1.60	31.60	51.86
2.50	1.65	34.71	58.84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.70	38.71	57.68
2.54	1.64	38.49	53.02
2.56	1.57	36.93	48.95
2.58	1.42	37.60	47.79
2.60	1.33	38.71	50.12
2.62	1.34	37.82	52.44
2.64	1.42	37.82	55.35
2.66	1.52	40.04	58.26
2.68	1.57	41.37	52.44
2.70	1.56	39.82	46.63
2.72	1.54	38.93	44.89
2.74	1.56	38.48	46.05
2.76	1.58	37.82	50.70
2.78	1.69	36.93	54.77
2.80	1.75	37.82	52.44
2.82	1.65	40.04	48.95
2.84	1.54	41.15	46.05
2.86	1.51	41.37	50.70
2.88	1.47	41.81	52.44
2.90	1.39	42.03	52.44
2.92	1.40	41.14	51.86
2.94	1.40	40.26	52.44
2.96	1.40	40.03	52.44
2.98	1.41	39.81	51.28
3.00	1.41	39.59	50.12
3.02	1.45	40.03	51.86
3.04	1.45	42.47	54.19
3.06	1.34	44.69	63.49
3.08	1.44	47.13	55.35
3.10	1.45	47.57	53.60
3.12	1.48	48.24	54.19
3.14	1.49	47.35	52.44
3.16	1.50	47.57	52.44
3.18	1.49	48.02	51.28
3.20	1.49	47.57	51.28
3.22	1.49	47.12	52.44
3.24	1.48	46.90	52.44
3.26	1.50	48.01	51.86
3.28	1.50	48.46	50.12
3.30	1.55	49.57	51.86
3.32	1.52	50.46	51.86
3.34	1.56	50.46	52.44
3.36	1.61	51.12	54.77
3.38	1.64	52.45	54.77
3.40	1.66	54.45	54.77
3.42	1.64	54.90	57.68
3.44	1.66	55.34	58.84
3.46	1.63	55.56	54.77
3.48	1.58	54.45	54.77
3.50	1.54	56.01	57.68

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.52	56.89	-84.60
3.54	1.52	54.89	58.84
3.56	1.55	54.89	58.84
3.58	1.54	55.34	57.68
3.60	1.51	54.89	56.51
3.62	1.50	54.67	57.68
3.64	1.44	54.67	57.10
3.66	1.39	55.56	57.68
3.68	1.37	55.33	58.84
3.70	1.33	54.00	60.58
3.72	1.35	53.33	73.38
3.74	1.36	51.77	76.86
3.76	1.35	48.66	80.93
3.78	1.32	46.00	80.93
3.80	1.28	45.10	80.93
3.82	1.24	44.44	84.42
3.84	1.23	44.21	85.00
3.86	1.26	44.88	85.59
3.88	1.28	45.55	88.49
3.90	1.31	45.99	90.82
3.92	1.31	46.21	90.23
3.94	1.31	46.88	88.49
3.96	1.30	48.43	87.33
3.98	1.31	50.88	86.75
4.00	1.29	53.99	87.33
4.02	1.31	57.10	86.17
4.04	1.33	59.76	86.17
4.06	1.32	62.64	85.59
4.08	1.34	63.31	86.17
4.10	1.34	64.64	85.00
4.12	1.32	65.53	85.00
4.14	1.34	65.98	83.84
4.16	1.34	66.86	83.84
4.18	1.34	68.42	83.26
4.20	1.34	69.98	83.26
4.22	1.37	70.64	83.84
4.24	1.38	71.31	83.26
4.26	1.38	72.42	82.10
4.28	1.36	74.42	81.51
4.30	1.35	77.53	78.60
4.32	1.31	77.75	77.44
4.34	1.27	80.42	79.19
4.36	1.29	81.75	79.77
4.38	1.34	81.52	78.02
4.40	1.36	79.97	77.44
4.42	1.42	77.75	78.02
4.44	1.44	75.08	77.44
4.46	1.46	73.08	76.28
4.48	1.49	71.96	77.44
4.50	1.56	71.52	78.60

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	1.59	74.85	78.02
4.54	1.61	76.85	78.02
4.56	1.66	79.52	79.77
4.58	1.77	81.74	81.51
4.60	1.78	84.40	82.68
4.62	1.86	91.51	82.10
4.64	1.96	96.62	82.68
4.66	2.02	98.62	82.68
4.68	2.04	104.62	84.42
4.70	2.13	104.84	82.68
4.72	2.21	94.84	73.96
4.74	2.25	79.95	72.21
4.76	2.20	78.62	69.89
4.78	2.19	78.62	63.49
4.80	2.14	82.62	63.49
4.82	2.06	91.06	64.07
4.84	2.00	95.28	62.91
4.86	1.92	97.28	61.16
4.88	1.90	95.72	61.16
4.90	1.88	93.50	56.51
4.92	1.82	90.83	54.77
4.94	1.73	90.16	53.60
4.96	1.70	92.39	54.19
4.98	1.63	95.27	53.60
5.00	1.52	93.72	51.28
5.02	1.42	91.05	52.44
5.04	1.45	86.38	54.77
5.06	1.57	77.27	61.16
5.08	1.63	77.71	59.42
5.10	1.60	81.04	60.58
5.12	1.61	77.71	60.00
5.14	1.55	74.16	61.16
5.16	1.52	70.60	59.42
5.18	1.40	72.82	59.42
5.20	1.27	69.49	59.42
5.22	1.18	61.71	60.58
5.24	1.12	56.60	61.16
5.26	1.03	50.60	61.75
5.28	0.96	45.04	62.33
5.30	0.91	40.60	62.91
5.32	0.89	35.71	64.07
5.34	0.81	34.37	64.65
5.36	0.81	31.93	65.81
5.38	0.80	28.82	67.56
5.40	0.77	26.60	68.14
5.42	0.76	25.71	69.30
5.44	0.72	25.04	68.72
5.46	0.69	24.15	70.47
5.48	0.70	22.82	72.79
5.50	0.75	21.04	74.54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.77	20.37	76.86
5.54	0.81	19.26	79.19
5.56	0.89	17.93	82.10
5.58	0.97	18.37	84.42
5.60	1.08	19.71	87.91
5.62	1.20	21.04	89.65
5.64	1.30	23.27	93.14
5.66	1.41	25.04	96.05
5.68	1.53	27.71	99.54
5.70	1.59	32.15	100.70
5.72	1.66	33.27	101.28
5.74	1.65	38.60	101.28
5.76	1.65	42.16	100.12
5.78	1.64	45.71	99.54
5.80	1.60	49.71	99.54
5.82	1.63	51.71	96.63
5.84	1.61	53.27	96.63
5.86	1.63	55.71	97.80
5.88	1.64	56.82	99.54
5.90	1.66	56.82	100.70
5.92	1.70	55.93	103.03
5.94	1.76	55.49	105.35
5.96	1.81	55.49	105.93
5.98	1.83	55.93	107.68
6.00	1.90	55.93	110.00
6.02	2.01	54.82	114.66
6.04	2.07	55.93	116.98
6.06	2.15	55.71	117.56
6.08	2.19	60.60	140.82
6.10	2.20	67.49	141.98
6.12	2.19	66.60	141.98
6.14	2.13	69.04	141.98
6.16	2.00	70.37	137.33
6.18	1.88	72.60	133.84
6.20	1.77	73.93	135.00
6.22	1.67	71.71	136.75
6.24	1.64	68.37	140.24
6.26	1.59	65.04	144.89
6.28	1.66	59.48	152.45
6.30	1.81	51.48	161.17
6.32	2.00	43.04	168.15
6.34	2.11	38.15	177.45
6.36	2.27	38.37	182.68
6.38	2.51	41.26	193.15
6.40	2.72	45.48	204.78
6.42	2.92	47.03	210.59
6.44	3.07	53.03	208.27
6.46	3.08	65.26	200.70
6.48	3.04	80.37	189.66
6.50	2.98	89.26	190.82

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	2.85	102.37	193.73
6.54	2.93	105.92	194.89
6.56	3.05	114.59	203.03
6.58	3.16	112.14	204.20
6.60	3.14	106.37	205.94
6.62	3.09	101.03	202.45
6.64	2.93	99.03	196.06
6.66	2.88	102.59	199.54
6.68	2.88	104.81	201.87
6.70	2.92	102.14	205.94
6.72	3.01	101.25	205.36
6.74	3.00	107.69	208.27
6.76	2.97	106.80	211.75
6.78	2.90	98.13	212.92
6.80	2.85	93.91	216.99
6.82	2.76	95.24	217.57
6.84	2.58	97.02	219.31
6.86	2.40	90.13	221.06
6.88	2.33	84.13	225.71
6.90	2.26	87.46	232.10
6.92	2.19	86.79	241.99
6.94	2.19	75.46	248.39
6.96	2.19	65.68	250.71
6.98	2.12	66.35	247.80
7.00	2.10	69.45	248.39
7.02	2.18	67.45	255.36
7.04	2.72	58.57	439.09
7.06	2.88	61.02	462.35
7.08	2.94	67.91	454.79
7.10	2.85	70.57	435.60
7.12	2.71	71.46	370.49
7.14	2.45	76.13	344.90
7.16	2.25	77.24	296.64
7.18	2.25	80.13	282.69
7.20	2.29	84.13	291.41
7.22	2.23	88.79	293.15
7.24	2.16	85.02	279.78
7.26	2.11	81.02	285.01
7.28	2.14	70.13	303.62
7.30	2.21	58.13	319.32
7.32	2.34	53.02	337.34
7.34	2.30	49.24	353.04
7.36	2.25	48.12	359.44
7.38	2.16	50.35	347.81
7.40	2.00	57.24	340.25
7.42	1.95	58.12	337.92
7.44	1.87	68.12	340.25
7.46	1.83	66.79	348.97
7.48	1.89	63.90	368.16
7.50	2.11	58.35	395.49

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	2.43	51.68	429.21
7.54	2.59	47.24	442.58
7.56	2.60	45.46	427.46
7.58	2.53	47.46	400.14
7.60	2.31	60.35	358.28
7.62	2.13	67.68	338.50
7.64	2.04	75.24	329.79
7.66	2.11	86.79	348.97
7.68	2.24	90.79	365.83
7.70	2.17	83.90	372.23
7.72	2.18	70.57	347.23
7.74	2.06	70.57	361.18
7.76	1.92	66.57	311.18
7.78	1.78	61.90	276.29
7.80	1.66	65.01	289.67
7.82	1.70	75.68	301.88
7.84	1.97	77.68	321.64
7.86	2.09	74.35	328.04
7.88	2.15	65.23	305.36
7.90	2.05	62.12	266.99
7.92	1.85	61.45	249.55
7.94	1.69	61.01	250.13
7.96	1.56	67.01	261.76
7.98	1.47	73.90	268.15
8.00	1.46	72.79	273.97
8.02	1.32	63.45	276.29
8.04	1.71	56.13	334.43
8.06	1.65	54.57	354.20
8.08	1.68	49.46	355.95
8.10	1.68	48.13	364.67
8.12	1.69	47.46	374.55
8.14	1.68	45.90	368.16
8.16	1.61	50.57	362.34
8.18	1.56	53.90	351.88
8.20	1.54	53.90	354.20
8.22	1.53	53.46	365.83
8.24	1.53	50.79	376.30
8.26	1.54	49.24	385.02
8.28	1.52	47.90	396.07
8.30	1.54	42.57	410.02
8.32	1.56	39.68	406.53
8.34	1.47	41.24	396.65
8.36	1.43	42.13	394.32
8.38	1.38	44.35	397.81
8.40	1.39	44.35	415.25
8.42	1.43	41.24	433.86
8.44	1.52	37.68	451.89
8.46	1.58	37.02	458.86
8.48	1.58	35.24	454.79
8.50	1.63	32.13	410.02

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	1.64	36.35	409.44
8.54	1.59	43.46	376.88
8.56	1.62	44.35	376.30
8.58	1.59	45.91	327.46
8.60	1.57	51.91	326.30
8.62	1.53	57.24	325.13
8.64	1.48	57.69	307.11
8.66	1.41	55.69	300.71
8.68	1.33	55.69	300.71
8.70	1.26	57.02	303.62
8.72	1.24	52.35	313.50
8.74	1.31	46.13	328.62
8.76	1.34	41.69	342.00
8.78	1.41	36.80	358.86
8.80	1.56	34.35	378.04
8.82	1.65	32.35	400.14
8.84	1.70	29.02	392.00
8.86	1.58	31.02	325.13
8.88	1.46	36.13	300.71
8.90	1.32	44.13	319.90
8.92	1.26	52.80	332.11
8.94	1.29	52.13	346.65
8.96	1.35	50.80	363.50
8.98	1.39	47.47	374.55
9.00	1.44	44.36	385.02
9.02	1.39	40.13	386.76
9.04	1.66	35.92	172.22
9.06	1.47	43.47	228.61
9.08	1.40	47.92	246.06
9.10	1.41	49.92	259.43
9.12	1.44	45.03	270.48
9.14	1.48	41.70	279.20
9.16	1.52	41.25	288.50
9.18	1.59	37.70	296.64
9.20	1.69	35.03	306.53
9.22	1.65	34.59	295.48
9.24	1.51	34.59	282.10
9.26	1.39	39.47	283.85
9.28	1.39	41.25	296.06
9.30	1.58	40.14	319.90
9.32	2.22	39.25	365.83
9.34	3.52	39.92	358.28
9.36	5.74	44.59	158.84
9.38	7.06	39.47	30.93
9.40	7.52	39.47	2.44
9.42	7.93	39.70	-2.21
9.44	8.23	41.25	-2.21
9.46	8.43	39.92	-1.63
9.48	8.54	31.03	-0.47
9.50	8.54	17.25	0.11

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	8.52	10.14	0.11
9.54	8.41	10.36	0.11
9.56	8.29	11.47	-1.63
9.58	8.13	11.47	-4.54
9.60	7.90	11.03	-3.96
9.62	7.70	10.36	-2.80
9.64	7.58	10.14	-2.21
9.66	7.47	10.14	-1.05
9.68	7.30	10.36	-0.47
9.70	7.15	10.58	0.11
9.72	6.97	10.36	0.70
9.74	6.79	9.47	1.28
9.76	6.62	9.02	1.86
9.78	6.44	9.02	2.44
9.80	6.28	9.47	3.02
9.82	6.12	10.13	3.60
9.84	5.94	10.13	4.19
9.86	5.79	10.13	4.77
9.88	5.67	10.13	4.77
9.90	5.54	9.46	5.35
9.92	5.40	9.46	5.93
9.94	5.20	9.24	5.93
9.96	4.97	9.01	5.93
9.98	4.66	8.12	5.93
10.00	4.30	7.46	5.93
10.02	3.98	6.35	5.93
10.04	3.44	6.34	78.02
10.06	3.43	6.12	69.89
10.08	3.33	5.68	67.56
10.10	3.42	6.12	68.14
10.12	3.73	6.56	65.23
10.14	4.10	7.01	58.26
10.16	4.13	9.90	38.49
10.18	3.79	20.12	-20.24
10.20	3.07	20.34	-41.75
10.22	2.45	22.12	-44.08
10.24	2.22	23.90	-45.24
10.26	1.92	33.90	-44.08
10.28	1.83	37.68	-44.08
10.30	2.35	51.01	-38.26
10.32	3.54	56.56	-28.38
10.34	4.58	47.01	-31.28
10.36	5.47	44.79	-30.12
10.38	6.06	42.34	-31.87
10.40	6.15	38.56	-38.26
10.42	6.15	33.45	-46.40
10.44	6.18	29.01	-48.72
10.46	6.11	26.12	-49.31
10.48	5.88	25.01	-49.89
10.50	5.61	22.56	-49.31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	5.30	19.90	-48.72
10.54	4.86	21.68	-48.72
10.56	4.40	25.23	-48.72
10.58	3.92	36.12	-52.21
10.60	4.08	55.45	-49.89
10.62	4.77	53.45	-49.31
10.64	5.24	53.01	-49.89
10.66	5.64	47.01	-52.21
10.68	6.01	42.56	-53.38
10.70	6.38	41.67	-54.54
10.72	6.61	33.67	-53.96
10.74	6.56	28.12	-53.96
10.76	6.45	25.67	-53.96
10.78	7.59	26.85	-53.96
10.80	6.13	25.00	-53.96
10.82	6.11	25.67	-53.38
10.84	6.14	23.23	-52.80
10.86	6.27	19.00	-52.80
10.88	6.39	19.67	-52.21
10.90	6.65	27.00	-51.63
10.92	6.89	33.45	-51.63
10.94	7.05	42.34	-51.63
10.96	6.53	54.34	-52.21
10.98	6.00	64.11	-51.63
11.00	7.71	42.14	-21.40
11.02	8.89	37.03	-31.28
11.04	9.85	39.91	-31.28
11.06	10.60	43.25	-31.28
11.08	10.84	43.02	-30.70
11.10	10.65	39.47	-30.70
11.12	10.29	30.80	-30.12
11.14	10.11	18.80	-28.96
11.16	10.22	13.91	-28.38
11.18	10.37	15.02	-27.21
11.20	10.65	13.69	-26.63
11.22	10.85	13.02	-21.98
11.24	10.65	14.13	-24.30
11.26	10.27	14.35	-23.72
11.28	9.98	14.13	-23.72
11.30	9.62	13.02	-22.56
11.32	9.26	11.90	-22.56
11.34	8.80	16.35	-24.30
11.36	8.68	24.56	-20.82
11.38	9.00	25.90	-30.70
11.40	8.93	9.89	-25.47
11.42	8.43	19.23	-19.07
11.44	7.93	19.90	-19.07
11.46	7.47	19.23	-18.49
11.48	7.01	17.45	-18.49
11.50	6.41	17.67	-17.91

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	6.26	20.78	-16.75
11.54	6.79	26.56	-15.00
11.56	7.65	30.78	-13.26
11.58	8.05	29.89	-13.26
11.60	7.77	31.88	-15.00
11.62	7.45	32.11	-16.75
11.64	7.28	31.88	-19.65
11.66	7.19	29.44	-20.82
11.68	7.08	22.32	-20.82
11.70	7.05	15.21	-20.82
11.72	7.37	10.54	-19.65
11.74	7.80	9.88	-19.07
11.76	8.05	10.54	-18.49
11.78	8.24	21.65	-19.65
11.80	9.02	16.10	-23.72
11.82	9.48	16.32	-35.93
11.84	9.90	13.87	-35.35
11.86	10.35	12.76	-35.93
11.88	11.03	16.54	-40.00
11.90	11.83	18.54	-44.66
11.92	12.29	21.43	-50.47
11.94	12.51	25.87	-54.54
11.96	12.67	29.87	-55.12
11.98	12.77	33.20	-57.45
12.00	12.90	37.20	-57.45
12.02	12.90	37.65	-57.45
12.04	12.66	26.10	-41.75
12.06	12.87	20.76	-42.33
12.08	12.83	18.54	-42.33
12.10	12.71	18.76	-41.75
12.12	12.48	20.10	-41.75
12.14	12.33	19.87	-41.17
12.16	12.11	18.54	-40.59
12.18	11.93	18.32	-40.59
12.20	11.42	16.31	-40.00
12.22	10.85	14.98	-40.00
12.24	10.46	16.09	-40.00
12.26	10.23	17.42	-39.42
12.28	10.15	18.31	-38.84
12.30	9.94	17.20	-38.84
12.32	9.64	16.31	-38.26
12.34	9.19	15.42	-38.26
12.36	8.66	14.08	-38.26
12.38	8.14	12.97	-38.26
12.40	7.78	12.53	-38.26
12.42	7.63	11.19	-37.68
12.44	7.92	10.30	-37.10
12.46	8.52	10.97	-35.93
12.48	9.42	12.97	-35.35
12.50	10.54	17.41	-34.77

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	11.62	21.63	-36.51
12.54	12.46	27.18	-41.17
12.56	13.22	30.74	-42.33
12.58	13.93	30.07	-42.33
12.60	14.47	31.18	-43.50
12.62	14.83	31.40	-44.66
12.64	14.74	32.52	-47.56
12.66	14.24	30.96	-48.72
12.68	13.38	29.40	-49.31
12.70	12.25	27.40	-49.31
12.72	11.28	29.40	-49.31
12.74	10.44	24.96	-49.31
12.76	9.83	22.07	-49.31
12.78	10.06	25.18	-51.63
12.80	10.27	33.62	-54.54
12.82	10.85	31.18	-54.54
12.84	11.44	28.51	-54.54
12.86	12.24	27.62	-54.54
12.88	13.07	30.06	-54.54
12.90	13.86	28.73	-53.96
12.92	14.43	24.95	-53.38
12.94	14.78	19.17	-53.38
12.96	15.06	19.17	-52.80
12.98	15.29	21.17	-52.80
13.00	14.82	20.06	-46.40
13.02	14.93	17.61	-46.98
13.04	14.53	16.72	-46.98
13.06	13.87	17.61	-46.98
13.08	13.20	16.72	-46.98
13.10	12.64	17.39	-46.98
13.12	12.12	16.50	-46.40
13.14	11.37	16.06	-46.98
13.16	10.32	15.39	-46.98
13.18	8.92	14.06	-47.56
13.20	7.11	12.50	-48.14
13.22	5.15	13.61	-48.72
13.24	3.58	21.17	-49.89
13.26	2.93	38.28	-50.47
13.28	2.74	56.94	-51.63
13.30	2.20	92.50	-50.47
13.32	1.92	102.28	-51.05
13.34	1.74	98.28	-50.47
13.36	1.50	86.72	-49.89
13.38	1.49	68.27	-48.14
13.40	1.60	59.16	-46.98
13.42	1.70	50.94	-46.40
13.44	1.73	37.38	-45.82
13.46	1.71	35.60	-45.82
13.48	1.64	41.16	-45.24
13.50	1.55	39.16	-45.82

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.49	41.60	-45.24
13.54	1.53	44.71	-45.24
13.56	1.48	44.93	-44.66
13.58	1.43	44.49	-44.08
13.60	1.42	46.49	-43.50
13.62	1.36	46.94	-42.91
13.64	1.32	44.49	-42.91
13.66	1.28	42.49	-42.33
13.68	1.23	42.27	-42.33
13.70	1.19	38.27	-42.33
13.72	1.24	33.61	-40.59
13.74	1.29	29.39	-39.42
13.76	1.31	25.83	-38.26
13.78	1.32	23.61	-37.68
13.80	1.36	22.50	-36.51
13.82	1.41	23.61	-35.93
13.84	1.38	26.28	-35.93
13.86	1.41	29.39	-35.35
13.88	1.43	32.73	-34.77
13.90	1.43	34.28	-34.19
13.92	1.43	36.73	-34.19
13.94	1.41	40.95	-33.61
13.96	1.32	45.62	-33.61
13.98	1.28	43.62	-33.61
14.00	1.65	45.90	-12.10
14.02	1.50	51.45	-15.00
14.04	1.34	52.34	-15.59
14.06	1.28	49.90	-15.00
14.08	1.26	50.56	-13.84
14.10	1.26	47.23	-12.68
14.12	1.23	43.45	-11.51
14.14	1.23	39.23	-10.35
14.16	1.28	33.23	-9.19
14.18	1.32	28.34	-7.44
14.20	1.37	25.23	-5.70
14.22	1.49	26.12	-3.38
14.24	1.61	29.01	-1.05
14.26	1.91	29.90	2.44
14.28	2.12	35.67	4.77
14.30	2.36	38.34	1.86
14.32	2.36	46.12	-7.44
14.34	2.21	62.56	-12.68
14.36	2.00	63.23	-15.59
14.38	1.94	61.45	-15.59
14.40	1.88	60.12	-15.00
14.42	1.73	57.90	-15.59
14.44	1.70	57.01	-14.42
14.46	1.58	57.90	-15.00
14.48	1.49	53.90	-14.42
14.50	1.46	51.01	-12.10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.59	48.34	-9.77
14.54	1.63	48.34	-8.02
14.56	1.80	43.67	-6.28
14.58	2.09	46.78	-2.21
14.60	2.52	48.34	1.28
14.62	2.78	48.56	-4.54
14.64	2.90	50.34	-19.07
14.66	2.89	66.56	-28.38
14.68	2.94	74.12	-33.03
14.70	2.73	82.34	-35.93
14.72	2.37	76.12	-39.42
14.74	2.10	79.45	-41.17
14.76	1.85	87.67	-40.59
14.78	1.87	81.89	-39.42
14.80	1.91	81.23	-38.84
14.82	1.95	75.45	-38.26
14.84	1.92	73.23	-37.68
14.86	1.89	65.89	-37.68
14.88	1.87	58.56	-37.10
14.90	1.82	57.00	-37.68
14.92	1.76	60.56	-37.68
14.94	1.75	63.89	-37.10
14.96	1.79	65.89	-36.51
14.98	1.82	70.78	-28.38
15.00	1.82	70.78	-28.38
15.02	1.83	70.34	-28.38
15.04	1.85	67.01	-28.38
15.06	1.83	66.34	-28.38
15.08	1.83	67.67	-27.80
15.10	1.86	66.78	-27.80
15.12	1.82	66.56	-27.80
15.14	1.87	65.45	-27.80
15.16	1.86	65.23	-27.80
15.18	1.85	65.23	-27.21
15.20	1.82	67.67	-26.63
15.22	1.85	69.45	-26.63
15.24	1.87	70.11	-26.05
15.26	1.88	67.89	-26.05
15.28	1.87	69.00	-25.47
15.30	1.87	69.45	-25.47
15.32	1.88	67.67	-25.47
15.34	1.85	67.89	-25.47
15.36	1.82	68.11	-26.05
15.38	1.81	70.78	-26.05
15.40	1.79	70.78	-26.63
15.42	1.64	72.34	-27.21
15.44	1.50	75.67	-27.80
15.46	1.45	74.78	-27.80
15.48	1.40	70.78	-27.21
15.50	1.40	64.11	-26.63



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.38	57.89	-25.47
15.54	1.38	51.67	-24.89
15.56	1.40	45.67	-24.30
15.58	1.43	39.89	-24.30
15.60	1.39	39.67	-24.30
15.62	1.37	41.67	-24.30
15.64	1.30	45.00	-24.89
15.66	1.18	51.89	-25.47
15.68	1.10	58.11	-25.47
15.70	1.10	60.34	-25.47
15.72	1.09	60.78	-24.89
15.74	1.09	60.11	-24.89
15.76	1.10	57.00	-24.30
15.78	1.13	51.67	-23.72
15.80	1.14	47.00	-23.72
15.82	1.15	44.78	-23.72
15.84	1.21	43.45	-23.14
15.86	1.26	42.56	-22.56
15.88	1.34	42.11	-21.98
15.90	1.46	42.34	-20.82
15.92	1.59	43.67	-20.82
15.94	1.71	48.11	-21.40
15.96	1.75	54.78	-23.14
15.98	1.76	61.02	-20.82
16.00	1.81	68.13	-23.14
16.02	1.85	75.02	-24.30
16.04	1.86	82.79	-24.89
16.06	1.88	89.24	-26.05
16.08	1.90	92.79	-26.63
16.10	1.90	96.13	-27.21
16.12	1.88	96.57	-27.80
16.14	1.85	96.13	-28.96
16.16	1.80	96.35	-30.12
16.18	1.78	94.79	-30.70
16.20	1.86	94.12	-30.70
16.22	1.98	94.12	-30.12
16.24	2.10	95.01	-29.54
16.26	2.19	93.23	-29.54
16.28	2.27	92.12	-28.96
16.30	2.36	93.23	-28.96
16.32	2.47	96.12	-28.38
16.34	2.53	98.78	-28.38
16.36	2.51	103.23	-28.96
16.38	2.54	108.34	-28.38
16.40	2.63	111.23	-27.80
16.42	2.53	115.67	-28.38
16.44	2.46	119.45	-28.96
16.46	2.37	120.34	-29.54
16.48	2.28	123.22	-30.12
16.50	2.21	124.11	-30.12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	2.04	126.78	-30.70
16.54	1.91	127.89	-31.28
16.56	1.79	127.00	-31.87
16.58	1.70	127.00	-31.87
16.60	1.67	125.66	-31.87
16.62	1.63	124.11	-31.87
16.64	1.61	117.44	-31.28
16.66	1.63	108.77	-31.28
16.68	1.74	102.10	-30.12
16.70	1.93	94.99	-29.54
16.72	2.08	87.87	-29.54
16.74	2.08	80.54	-28.96
16.76	2.03	77.21	-28.96
16.78	2.05	75.43	-28.38
16.80	2.00	73.87	-28.38
16.82	2.00	70.09	-27.80
16.84	1.92	68.76	-27.80
16.86	1.85	67.43	-28.38
16.88	1.73	63.87	-28.38
16.90	1.69	61.43	-27.80
16.92	1.75	59.20	-26.63
16.94	2.30	46.11	6.51
16.96	2.42	52.33	5.93
16.98	2.47	61.44	5.35
17.00	2.47	65.88	3.60
17.02	2.34	65.66	1.86
17.04	1.93	63.22	-1.63
17.06	1.61	60.77	-3.38
17.08	1.44	57.89	-3.38
17.10	1.32	55.66	-3.96
17.12	1.18	55.22	-2.21
17.14	1.08	54.55	-1.63
17.16	1.07	49.00	-0.47
17.18	1.08	41.66	0.70
17.20	1.09	35.00	1.86
17.22	1.09	31.22	3.02
17.24	1.13	29.00	3.60
17.26	1.14	27.67	4.77
17.28	1.15	28.33	5.35
17.30	1.15	30.78	5.93
17.32	1.15	33.44	6.51
17.34	1.16	34.78	7.09
17.36	1.16	37.22	7.67
17.38	1.16	40.56	8.25
17.40	1.18	42.11	8.25
17.42	1.20	43.45	8.83
17.44	1.20	44.34	8.83
17.46	1.18	46.56	8.83
17.48	1.18	47.23	10.00
17.50	1.22	47.23	11.16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.26	46.78	12.32
17.54	1.33	46.56	13.49
17.56	1.37	46.56	14.65
17.58	1.46	45.89	15.81
17.60	1.53	45.67	16.98
17.62	1.63	46.12	18.14
17.64	1.71	49.01	18.72
17.66	1.77	51.01	19.88
17.68	1.86	53.90	20.46
17.70	1.93	57.23	20.46
17.72	1.94	64.12	20.46
17.74	1.97	67.68	21.63
17.76	2.00	68.12	21.63
17.78	1.98	73.23	20.46
17.80	1.94	78.79	20.46
17.82	1.98	80.34	20.46
17.84	2.06	83.01	20.46
17.86	2.18	84.34	21.05
17.88	2.19	90.12	21.05
17.90	2.24	94.12	21.05
17.92	2.29	97.23	22.21
17.94	2.36	98.79	23.37
17.96	2.12	72.56	38.49
17.98	2.59	95.90	39.65
18.00	2.60	98.57	38.49
18.02	2.58	100.79	36.74
18.04	2.58	105.23	36.16
18.06	2.58	108.56	35.00
18.08	2.60	113.01	34.42
18.10	2.65	117.23	35.00
18.12	2.65	118.12	34.42
18.14	2.61	117.45	33.26
18.16	2.57	117.01	29.19
18.18	2.51	120.78	28.02
18.20	2.49	126.56	28.02
18.22	2.52	127.67	28.60
18.24	2.52	127.89	29.19
18.26	2.59	121.67	29.77
18.28	2.56	119.89	29.77
18.30	2.57	113.00	27.44
18.32	2.48	111.89	25.70
18.34	2.44	113.66	25.11
18.36	2.40	117.44	25.11
18.38	2.40	120.77	25.11
18.40	2.39	122.99	25.70
18.42	2.41	120.99	25.11
18.44	2.40	119.21	25.11
18.46	2.36	114.99	24.53
18.48	2.29	113.43	23.95
18.50	2.32	108.54	23.95

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova **1**

Cert. N. 103/2012

Emesso il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	2.32	106.99	23.95
18.54	2.30	108.54	23.95
18.56	2.33	105.87	24.53
18.58	2.30	103.87	23.95
18.60	2.26	102.98	23.37
18.62	2.22	102.98	23.37
18.64	2.17	104.54	23.95
18.66	2.20	98.09	24.53
18.68	2.21	94.54	25.70
18.70	2.24	91.42	25.11
18.72	2.15	90.98	25.11
18.74	2.11	84.31	25.11
18.76	2.14	80.53	25.11
18.78	2.04	85.87	25.11
18.80	2.10	87.20	25.11
18.82	2.05	90.98	24.53
18.84	2.04	93.42	24.53
18.86	2.04	96.09	25.11
18.88	2.07	99.42	24.53
18.90	2.09	100.09	24.53
18.92	2.09	100.76	24.53
18.94	2.10	102.31	23.95
18.96	1.94	98.54	29.77
18.98	2.00	106.32	29.19
19.00	1.97	107.44	28.60
19.02	1.97	108.55	28.60
19.04	2.05	106.10	29.19
19.06	2.03	106.32	28.60
19.08	2.04	104.32	28.02
19.10	2.00	101.88	28.02
19.12	2.00	100.54	28.02
19.14	2.08	97.66	29.19
19.16	1.99	96.54	29.77
19.18	2.04	91.66	29.77
19.20	1.97	87.88	28.60
19.22	1.86	88.77	26.86
19.24	1.76	88.77	26.28
19.26	1.69	88.32	25.11
19.28	1.60	89.65	24.53
19.30	1.51	91.65	24.53
19.32	1.45	92.77	25.11
19.34	1.45	88.54	25.70
19.36	1.44	81.65	26.28
19.38	1.43	76.10	26.28
19.40	1.42	70.10	26.86
19.42	1.39	65.43	27.44
19.44	1.45	63.21	28.60
19.46	1.58	62.76	31.51
19.48	1.62	59.65	31.51
19.50	1.49	56.76	30.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.39	51.43	31.51
19.54	1.42	47.43	32.68
19.56	1.44	46.99	33.84
19.58	1.45	46.99	35.00
19.60	1.45	46.54	35.58
19.62	1.44	45.87	35.58
19.64	1.38	47.21	36.16
19.66	1.37	50.99	37.32
19.68	1.42	52.10	37.90
19.70	1.42	54.32	38.49
19.72	1.36	58.32	38.49
19.74	1.37	62.10	39.07
19.76	1.40	64.54	40.23
19.78	1.42	63.43	41.40
19.80	1.45	61.66	42.56
19.82	1.53	58.55	43.72
19.84	1.60	54.32	44.89
19.86	1.67	51.88	45.47
19.88	1.75	53.44	45.47
19.90	1.84	55.66	44.30
19.92	2.17	61.44	47.79
19.94	2.17	70.12	49.53
19.96	2.31	75.67	38.49
19.98	2.41	81.01	32.68
20.00	2.46	85.45	12.90
20.02	2.39	91.01	7.09
20.04	2.39	97.01	6.51
20.06	2.31	97.67	5.35
20.08	2.28	101.23	4.19
20.10	2.24	107.01	3.60
20.12	2.23	112.34	4.77
20.14	2.25	113.45	6.51
20.16	2.29	110.56	7.09
20.18	2.31	105.89	7.09
20.20	2.33	103.00	6.51
20.22	2.21	103.45	6.51
20.24	2.11	102.56	5.35
20.26	2.03	99.89	5.35
20.28	1.94	101.44	4.77
20.30	1.86	106.77	4.77
20.32	1.75	108.11	4.19
20.34	1.69	104.33	4.19
20.36	1.64	99.66	4.19
20.38	1.62	95.00	4.77
20.40	1.61	90.77	4.77
20.42	1.57	85.88	4.77
20.44	1.57	81.66	5.35
20.46	1.57	77.88	5.93
20.48	1.56	74.77	6.51
20.50	1.57	71.88	7.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.57	69.88	7.09
20.54	1.57	68.10	7.67
20.56	1.56	67.66	7.67
20.58	1.58	66.77	8.83
20.60	1.58	68.10	8.83
20.62	1.65	67.66	9.42
20.64	1.74	65.21	10.00
20.66	1.79	66.54	10.58
20.68	1.81	70.77	10.58
20.70	1.81	74.32	10.58
20.72	1.84	78.99	11.16
20.74	1.88	80.54	11.16
20.76	1.94	82.77	11.74
20.78	1.97	87.43	11.74
20.80	1.98	92.32	11.74
20.82	2.03	93.65	12.32
20.84	2.06	93.43	12.90
20.86	2.10	90.99	12.90
20.88	2.05	90.32	13.49
20.90	2.06	88.32	12.90
20.92	2.08	87.21	12.90
20.94	2.03	81.65	11.74
20.96	2.06	99.44	16.98
20.98	2.15	102.55	18.14
21.00	2.27	104.78	18.72
21.02	2.41	103.89	19.88
21.04	2.48	103.22	20.46
21.06	2.52	104.55	21.05
21.08	2.63	104.33	21.63
21.10	2.70	104.55	21.63
21.12	2.66	108.11	21.05
21.14	2.61	111.89	19.30
21.16	2.54	114.77	13.49
21.18	2.44	121.66	9.42
21.20	2.24	132.55	6.51
21.22	2.18	137.00	6.51
21.24	2.13	141.66	6.51
21.26	2.08	142.33	6.51
21.28	2.08	140.55	5.93
21.30	2.00	136.55	6.51
21.32	1.98	130.10	5.93
21.34	1.94	120.32	6.51
21.36	1.98	110.10	7.09
21.38	2.00	104.32	7.09
21.40	2.02	102.10	7.09
21.42	2.00	100.09	7.67
21.44	2.04	97.43	8.25
21.46	2.05	94.98	7.67
21.48	2.05	94.53	7.67
21.50	1.99	94.98	6.51



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA CANALE ARGINE

Cantiere SOVRAPASSO N° 128

Data 15\03\12

Preforo 0.50 m. p.c. Falda 3.40 ml

Prova 1

Cert. N. 103/2012

Emissa il 16/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.62	78.95	6.51
24.54	1.63	77.40	7.09
24.56	1.70	73.62	7.67
24.58	1.72	71.84	7.67
24.60	1.73	71.18	8.83
24.62	1.74	68.95	10.00
24.64	1.84	63.40	12.32
24.66	2.30	58.29	21.05
24.68	5.97	69.41	39.65
24.70	8.51	57.18	40.81
24.72	9.06	59.18	41.40
24.74	8.30	68.30	-12.68
24.76	8.72	94.97	-12.68
24.78	8.57	121.41	-13.84
24.80	8.33	137.64	-15.00
24.82	7.54	138.97	-16.17
24.84	6.52	121.86	-17.33
24.86	5.82	112.53	-17.33
24.88	5.50	122.75	-16.75
24.90	5.75	138.08	-15.00
24.92	6.64	152.75	-13.26
24.94	7.66	153.41	-12.10
24.96	9.37	144.75	-24.30
24.98	9.16	149.19	-31.87
25.00	9.95	170.53	-30.70
25.02	11.06	197.20	-30.70
25.04	11.92	212.97	-30.70
25.06	12.66	210.31	-30.12
25.08	13.08	164.53	-30.12
25.10	13.49	144.30	-29.54
25.12	13.45	135.86	-28.96
25.14	13.12	123.85	-29.54
25.16	13.45	119.41	-28.96
25.18	14.20	118.52	-28.38
25.20	15.67	124.29	-26.63
25.22	16.99	133.84	-26.05
25.24	18.09	144.28	-25.47
25.26	17.45	130.50	-26.05
25.28	16.49	128.94	-26.05
25.30	15.59	138.28	-26.63
25.32	15.49	132.50	-24.89
25.34	16.35	134.49	-24.89
25.36	17.74	138.27	-24.89
25.38	20.04	136.27	-22.56
25.40	21.09	126.26	-23.14
25.42	20.24	130.92	-23.72
25.44	18.32	130.70	-20.24
25.46	16.85	141.59	-17.91
25.48	15.99	141.58	-35.93
25.50	15.59	147.58	-35.35

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	15.00	148.03	-36.51
25.54	14.61	145.58	-35.93
25.56	14.26	147.80	-34.77
25.58	14.12	157.35	-33.61
25.60	13.91	135.35	-32.45
25.62	13.66	135.13	-30.70
25.64	13.16	132.68	-28.96
25.66	12.82	127.12	-26.63
25.68	12.59	129.56	-23.72
25.70	12.67	126.45	-21.40
25.72	12.70	122.67	-20.82
25.74	12.52	122.66	-22.56
25.76	12.16	119.77	-23.14
25.78	11.80	118.88	-21.40
25.80	11.43	118.44	-19.07
25.82	11.05	113.55	-15.00
25.84	10.85	113.55	-9.77
25.86	10.88	115.32	-3.96
25.88	10.93	114.44	-1.63
25.90	10.77	112.21	-2.21
25.92	10.58	107.99	-3.96
25.94	7.12	81.12	169.89
25.96	10.34	95.12	121.05
25.98	10.59	92.01	68.72
26.00	10.89	90.68	39.07
26.02	11.47	90.02	12.90
26.04	12.41	88.68	-3.38
26.06	13.71	87.79	-12.10
26.08	14.61	89.57	-24.30
26.10	15.28	88.90	-27.21
26.12	14.18	91.57	-33.61
26.14	12.82	93.35	-38.26
26.16	12.09	85.35	-46.98
26.18	11.69	85.35	-47.56
26.20	11.43	92.46	-48.72
26.22	11.17	102.24	-50.47
26.24	10.78	93.13	-50.47
26.26	10.67	91.36	-49.31
26.28	10.59	92.69	-48.14
26.30	10.66	90.25	-45.82
26.32	10.87	96.47	-44.08
26.34	11.12	99.80	-42.91
26.36	11.19	97.36	-42.33
26.38	11.13	94.92	-40.00
26.40	10.82	93.36	-35.35
26.42	9.68	92.47	-28.96
26.44	7.78	92.03	-20.24
26.46	6.21	96.03	-13.26
26.48	5.01	115.81	-8.61
26.50	4.37	135.81	1.28

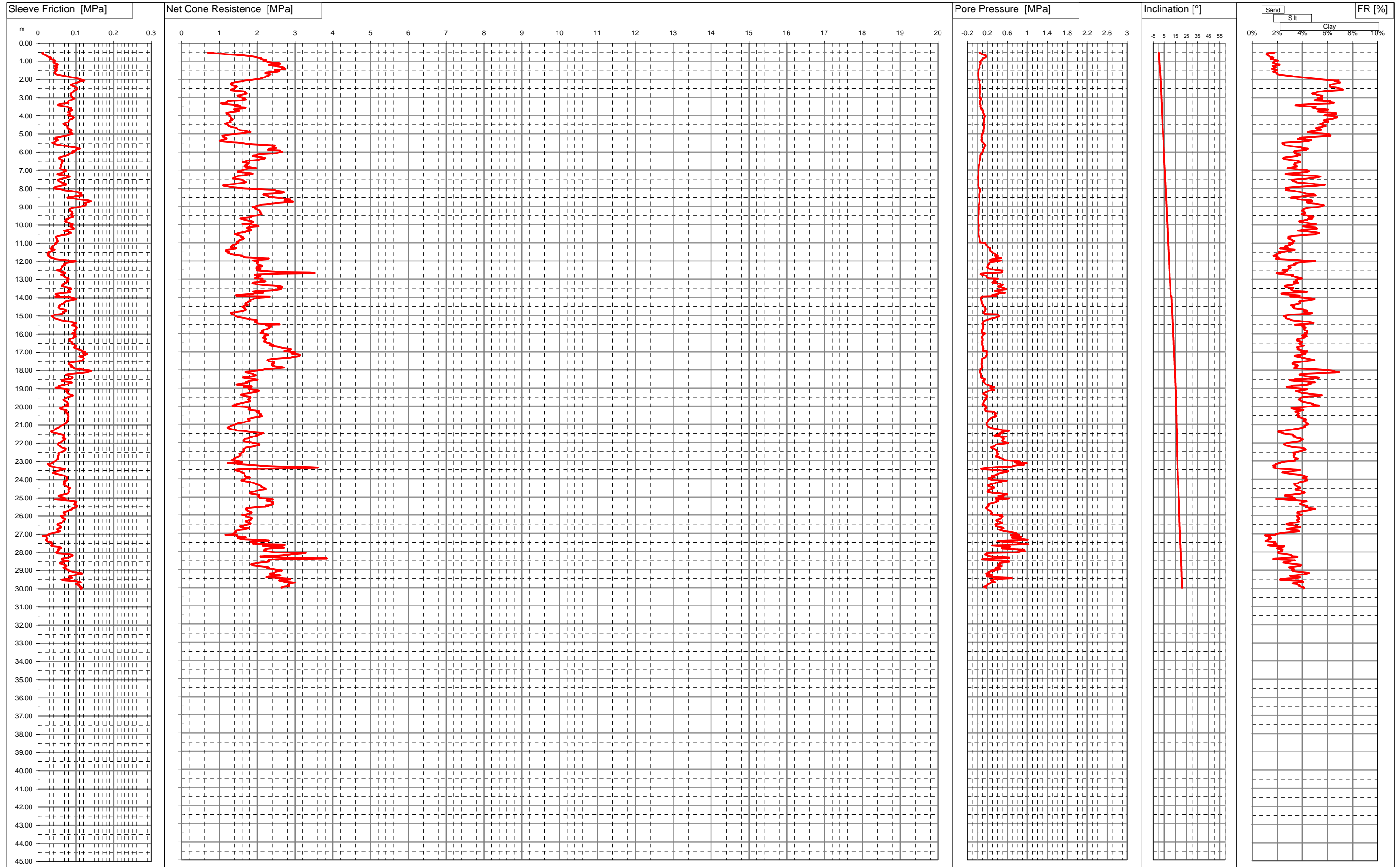
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	4.00	156.25	9.42
26.54	4.23	160.69	21.05
26.56	3.64	161.14	11.74
26.58	2.83	174.47	8.83
26.60	2.59	157.14	11.16
26.62	2.33	138.69	8.83
26.64	2.20	129.58	7.67
26.66	2.14	120.25	7.67
26.68	2.08	111.14	7.67
26.70	2.05	109.14	8.25
26.72	1.99	100.47	9.42
26.74	1.97	103.81	10.58
26.76	1.95	99.81	12.32
26.78	1.94	94.47	14.07
26.80	1.95	87.81	17.56
26.82	2.07	86.03	24.53
26.84	2.29	83.37	32.09
26.86	2.59	79.15	39.65
26.88	2.78	75.59	48.95
26.90	3.08	77.37	52.44
26.92	3.76	76.71	50.70
26.94	4.55	92.07	103.61
26.96	5.05	100.97	100.12
26.98	5.28	112.08	91.40
27.00	4.72	114.08	76.28
27.02	3.34	126.30	90.23
27.04	3.37	126.75	103.61
27.06	3.07	124.08	115.24
27.08	2.78	120.30	141.98
27.10	2.64	115.86	180.94
27.12	2.50	108.75	191.40
27.14	2.41	106.08	244.31
27.16	2.37	92.52	268.73
27.18	2.39	91.41	344.90
27.20	2.44	82.75	362.92
27.22	2.53	75.64	367.58
27.24	2.57	70.53	379.20
27.26	2.64	68.31	375.72
27.28	2.74	69.20	349.55
27.30	2.75	69.43	367.58
27.32	2.83	70.32	343.16
27.34	2.86	70.54	282.69
27.36	2.88	72.54	233.27
27.38	2.81	75.21	221.64
27.40	2.76	80.10	218.15
27.42	2.76	82.77	220.48
27.44	2.72	85.44	219.31
27.46	2.64	89.21	193.73
27.48	2.52	91.44	135.59
27.50	2.25	92.77	140.82



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località VIA DEI GRILLI  
 Cantiere SOVRAPASSO N°129  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 98/2012  
 Data 14/03/12 Emesso il 15/03/12  
 Falda 0.00 ml  
 Preforo 0.50 m. p.c.

**MO-CPTU3**


  
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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.70	12.61	48.95
0.54	0.79	11.28	54.77
0.56	0.90	11.28	60.00
0.58	0.99	11.95	71.05
0.60	1.11	12.61	85.00
0.62	1.23	14.39	100.12
0.64	1.38	16.61	118.72
0.66	1.53	18.84	160.59
0.68	1.65	21.50	157.68
0.70	1.75	23.50	159.42
0.72	1.84	25.50	162.91
0.74	1.90	26.84	171.05
0.76	1.96	29.06	166.40
0.78	1.98	32.39	158.84
0.80	2.02	34.84	148.96
0.82	2.11	34.61	138.50
0.84	2.11	31.06	118.72
0.86	2.10	31.72	108.84
0.88	2.12	34.61	100.12
0.90	2.16	37.95	94.30
0.92	2.23	41.06	90.23
0.94	2.24	44.39	85.00
0.96	2.19	46.17	75.70
0.98	2.16	45.72	69.89
1.00	2.16	44.39	64.65
1.02	2.32	43.28	64.65
1.04	2.26	39.72	55.35
1.06	2.34	41.50	68.14
1.08	2.36	40.39	62.91
1.10	2.48	41.94	63.49
1.12	2.59	47.05	68.14
1.14	2.61	48.61	67.56
1.16	2.55	50.16	64.65
1.18	2.34	52.39	51.86
1.20	2.31	51.72	43.14
1.22	2.37	48.16	45.47
1.24	2.43	43.27	43.72
1.26	2.57	42.61	44.89
1.28	2.54	42.83	40.81
1.30	2.60	48.38	40.23
1.32	2.66	50.82	46.63
1.34	2.71	50.60	47.21
1.36	2.71	47.49	43.14
1.38	2.70	48.82	41.40
1.40	2.65	47.04	35.00
1.42	2.75	43.93	35.58
1.44	2.72	45.04	32.09
1.46	2.64	46.15	26.28
1.48	2.46	49.26	22.21
1.50	2.48	49.70	23.95

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	2.59	48.37	25.70
1.54	2.59	47.70	25.70
1.56	2.58	46.37	22.79
1.58	2.53	43.26	22.21
1.60	2.37	42.81	17.56
1.62	2.24	42.59	15.23
1.64	2.22	45.26	15.81
1.66	2.22	45.92	17.56
1.68	2.30	45.92	18.72
1.70	2.29	47.25	15.81
1.72	2.36	48.80	15.81
1.74	2.32	51.69	16.40
1.76	2.30	57.47	16.40
1.78	2.32	63.02	17.56
1.80	2.28	69.46	17.56
1.82	2.24	73.02	18.14
1.84	2.22	77.02	18.14
1.86	2.22	83.24	21.05
1.88	2.20	89.90	22.21
1.90	2.15	94.79	22.79
1.92	2.14	99.90	23.95
1.94	2.11	104.57	25.11
1.96	2.09	108.56	27.44
1.98	2.02	110.34	28.60
2.00	1.92	113.67	29.19
2.02	1.88	117.00	30.93
2.04	1.80	118.78	31.51
2.06	1.66	123.43	50.70
2.08	1.63	114.54	46.63
2.10	1.59	112.32	44.30
2.12	1.52	109.66	41.98
2.14	1.45	106.54	39.07
2.16	1.40	105.87	37.90
2.18	1.37	102.76	36.74
2.20	1.32	98.76	40.23
2.22	1.32	96.54	43.72
2.24	1.31	93.42	47.21
2.26	1.31	90.53	51.28
2.28	1.31	87.86	55.35
2.30	1.32	86.97	57.10
2.32	1.34	88.75	58.84
2.34	1.36	90.53	58.26
2.36	1.41	92.75	59.42
2.38	1.46	95.86	61.75
2.40	1.47	96.75	61.16
2.42	1.46	98.74	59.42
2.44	1.41	100.30	57.68
2.46	1.40	102.74	55.93
2.48	1.41	104.07	54.77
2.50	1.39	104.74	53.60

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.37	104.51	51.86
2.54	1.34	103.62	50.12
2.56	1.31	102.29	47.79
2.58	1.30	98.95	46.63
2.60	1.33	96.73	48.95
2.62	1.42	95.17	52.44
2.64	1.55	94.95	54.77
2.66	1.63	95.39	55.93
2.68	1.69	94.06	56.51
2.70	1.70	90.94	54.19
2.72	1.69	89.83	51.86
2.74	1.66	89.38	50.70
2.76	1.71	88.49	50.70
2.78	1.73	86.49	50.12
2.80	1.70	86.71	50.12
2.82	1.66	87.60	48.95
2.84	1.61	87.60	48.37
2.86	1.58	86.71	47.79
2.88	1.53	86.49	46.63
2.90	1.47	87.82	46.63
2.92	1.49	88.71	46.63
2.94	1.53	90.48	48.95
2.96	1.54	90.48	49.53
2.98	1.57	90.93	51.28
3.00	1.60	91.82	53.60
3.02	1.68	92.70	55.93
3.04	1.62	96.48	78.60
3.06	1.64	92.93	76.86
3.08	1.63	91.81	75.70
3.10	1.71	91.81	78.02
3.12	1.71	90.48	75.70
3.14	1.64	85.59	71.63
3.16	1.54	80.70	65.81
3.18	1.35	81.14	60.58
3.20	1.22	80.70	54.77
3.22	1.22	80.25	51.86
3.24	1.21	79.14	51.28
3.26	1.20	80.47	50.12
3.28	1.16	81.14	49.53
3.30	1.13	76.25	50.70
3.32	1.03	68.03	51.86
3.34	1.09	59.80	53.02
3.36	1.17	56.25	55.93
3.38	1.28	53.35	62.33
3.40	1.41	53.13	65.81
3.42	1.50	53.58	66.98
3.44	1.53	59.13	66.40
3.46	1.55	64.46	65.23
3.48	1.52	69.58	63.49
3.50	1.41	75.35	60.58

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.52	80.02	61.16
3.54	1.67	83.80	72.21
3.56	1.70	86.02	73.96
3.58	1.69	87.79	72.79
3.60	1.63	86.68	78.02
3.62	1.56	85.12	82.68
3.64	1.43	86.68	80.35
3.66	1.38	89.12	85.59
3.68	1.43	90.90	93.72
3.70	1.49	89.79	108.84
3.72	1.52	87.79	113.49
3.74	1.52	85.34	119.30
3.76	1.48	81.56	119.30
3.78	1.39	79.56	116.40
3.80	1.30	79.11	111.17
3.82	1.24	80.45	110.59
3.84	1.18	84.22	115.24
3.86	1.19	85.33	121.63
3.88	1.19	84.22	124.54
3.90	1.19	85.33	128.03
3.92	1.23	84.00	131.52
3.94	1.25	80.66	133.84
3.96	1.28	78.22	134.42
3.98	1.30	79.10	135.00
4.00	1.28	81.99	135.00
4.02	1.25	87.77	148.38
4.04	1.28	90.44	145.47
4.06	1.30	92.44	141.98
4.08	1.30	94.21	140.82
4.10	1.31	94.66	139.66
4.12	1.32	92.44	137.91
4.14	1.32	91.77	136.17
4.16	1.32	90.88	134.42
4.18	1.32	88.43	134.42
4.20	1.36	85.32	133.84
4.22	1.33	83.10	133.26
4.24	1.35	81.98	131.52
4.26	1.30	81.98	127.45
4.28	1.27	81.54	124.54
4.30	1.29	81.53	123.96
4.32	1.27	81.76	126.29
4.34	1.30	80.20	128.61
4.36	1.30	78.64	128.61
4.38	1.26	75.09	125.70
4.40	1.19	71.75	123.38
4.42	1.17	69.09	121.63
4.44	1.15	67.53	122.21
4.46	1.19	68.19	124.54
4.48	1.20	70.41	125.12
4.50	1.23	72.41	125.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	1.23	74.19	126.29
4.54	1.23	76.19	125.70
4.56	1.24	77.52	126.87
4.58	1.26	77.52	129.77
4.60	1.32	77.97	128.61
4.62	1.32	77.97	128.03
4.64	1.38	77.30	128.61
4.66	1.43	77.52	128.61
4.68	1.46	77.74	128.03
4.70	1.48	79.29	125.70
4.72	1.48	82.85	123.38
4.74	1.49	85.96	121.63
4.76	1.50	86.63	121.05
4.78	1.53	89.07	120.47
4.80	1.56	89.29	121.63
4.82	1.64	88.85	122.80
4.84	1.67	86.85	122.21
4.86	1.73	85.29	122.21
4.88	1.76	83.96	121.63
4.90	1.82	84.18	121.05
4.92	1.76	84.84	116.40
4.94	1.70	87.29	113.49
4.96	1.65	90.18	110.59
4.98	1.54	90.84	105.35
5.00	1.41	91.51	98.96
5.02	1.35	85.51	100.12
5.04	1.26	81.29	95.47
5.06	1.19	77.51	92.56
5.08	1.13	75.29	88.49
5.10	1.07	70.85	86.17
5.12	1.09	65.29	85.00
5.14	1.12	59.73	85.59
5.16	1.11	54.62	86.17
5.18	1.13	47.07	86.17
5.20	1.17	45.73	86.75
5.22	1.18	47.95	86.75
5.24	1.16	50.62	87.33
5.26	1.17	45.73	87.91
5.28	1.19	44.84	87.33
5.30	1.17	47.28	85.59
5.32	1.12	51.06	83.84
5.34	1.06	52.40	82.68
5.36	1.04	50.40	82.68
5.38	1.01	47.51	83.84
5.40	1.05	46.62	87.33
5.42	1.13	45.95	91.40
5.44	1.21	44.17	97.80
5.46	1.34	40.62	107.10
5.48	1.48	37.06	116.40
5.50	1.60	39.28	121.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	1.65	41.95	124.54
5.54	1.70	44.17	130.35
5.56	1.83	45.95	137.33
5.58	1.95	51.95	143.73
5.60	2.15	57.06	153.03
5.62	2.33	61.51	157.10
5.64	2.47	68.84	156.52
5.66	2.43	76.17	148.96
5.68	2.40	81.06	144.31
5.70	2.43	85.95	141.40
5.72	2.43	93.73	138.50
5.74	2.43	99.06	137.33
5.76	2.48	101.95	135.00
5.78	2.50	105.06	132.68
5.80	2.40	111.28	129.77
5.82	2.32	108.17	124.54
5.84	2.31	103.94	118.72
5.86	2.31	100.16	114.66
5.88	2.27	101.94	113.49
5.90	2.48	100.61	115.24
5.92	2.61	96.61	116.98
5.94	2.61	91.71	113.49
5.96	2.62	90.82	108.26
5.98	2.61	90.38	103.03
6.00	2.67	95.26	103.61
6.02	2.62	93.48	99.54
6.04	2.56	92.60	94.30
6.06	2.53	89.26	89.07
6.08	2.41	85.48	82.68
6.10	2.25	82.37	75.70
6.12	2.12	80.37	72.21
6.14	2.01	80.59	69.30
6.16	1.99	78.81	65.81
6.18	1.99	75.48	65.23
6.20	1.90	71.92	62.91
6.22	1.88	69.03	61.75
6.24	1.92	65.92	61.75
6.26	1.98	62.14	62.33
6.28	2.10	57.91	62.91
6.30	2.14	55.91	62.91
6.32	2.16	55.69	61.16
6.34	2.22	55.69	60.00
6.36	2.19	55.91	58.84
6.38	2.18	58.36	56.51
6.40	2.07	60.80	54.19
6.42	2.04	63.24	52.44
6.44	2.01	65.02	50.70
6.46	1.90	66.36	48.37
6.48	1.74	66.80	45.47
6.50	1.70	65.91	43.72



Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	1.68	64.13	42.56
6.54	1.63	64.57	41.40
6.56	1.62	64.35	41.40
6.58	1.68	63.24	41.98
6.60	1.78	63.02	41.98
6.62	1.78	63.24	41.98
6.64	1.77	63.02	40.23
6.66	1.75	61.68	39.07
6.68	1.73	59.68	35.58
6.70	1.71	60.35	32.09
6.72	1.68	60.79	30.93
6.74	1.73	61.68	30.35
6.76	1.71	62.57	30.35
6.78	1.66	61.68	28.60
6.80	1.68	61.01	27.44
6.82	1.76	59.46	28.02
6.84	1.82	59.23	27.44
6.86	1.88	58.12	27.44
6.88	1.97	57.23	28.02
6.90	1.87	59.01	26.86
6.92	1.76	60.34	25.11
6.94	1.71	62.79	23.95
6.96	1.69	65.45	22.79
6.98	1.62	72.36	22.21
7.00	1.62	73.69	21.63
7.02	1.60	73.92	20.46
7.04	1.57	73.69	19.88
7.06	1.50	71.47	19.30
7.08	1.48	68.14	19.30
7.10	1.50	67.69	19.88
7.12	1.59	65.47	21.05
7.14	1.68	63.02	21.63
7.16	1.77	59.69	22.21
7.18	1.86	55.24	22.79
7.20	1.89	51.02	22.21
7.22	1.82	53.24	21.63
7.24	1.75	58.58	19.88
7.26	1.69	64.58	18.72
7.28	1.65	71.46	18.14
7.30	1.59	77.91	17.56
7.32	1.51	82.80	16.40
7.34	1.46	84.35	15.81
7.36	1.44	81.91	15.23
7.38	1.41	77.46	14.65
7.40	1.40	75.46	14.65
7.42	1.40	72.35	15.23
7.44	1.38	65.91	14.65
7.46	1.36	62.13	15.23
7.48	1.41	58.35	15.81
7.50	1.50	55.24	16.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	1.58	53.02	17.56
7.54	1.62	52.13	18.14
7.56	1.62	53.24	18.72
7.58	1.63	53.91	19.30
7.60	1.65	55.68	19.88
7.62	1.66	59.46	20.46
7.64	1.69	61.91	21.05
7.66	1.71	62.13	21.63
7.68	1.68	65.24	21.05
7.70	1.62	68.79	21.05
7.72	1.54	71.91	20.46
7.74	1.46	73.69	19.88
7.76	1.39	73.24	19.30
7.78	1.29	74.13	18.14
7.80	1.19	73.69	17.56
7.82	1.12	67.46	16.98
7.84	1.11	62.80	17.56
7.86	1.12	59.46	18.72
7.88	1.17	54.35	19.88
7.90	1.23	49.24	21.63
7.92	1.28	46.13	22.79
7.94	1.34	43.69	25.11
7.96	1.46	42.13	26.86
7.98	1.54	42.35	28.60
8.00	1.64	47.48	47.79
8.02	1.82	52.81	50.12
8.04	2.05	60.37	52.44
8.06	2.24	67.48	55.35
8.08	2.44	66.81	58.26
8.10	2.49	73.70	57.10
8.12	2.49	84.14	55.93
8.14	2.54	89.70	54.77
8.16	2.61	95.03	54.19
8.18	2.67	101.26	51.86
8.20	2.71	109.92	50.12
8.22	2.72	114.37	48.95
8.24	2.68	114.81	47.21
8.26	2.59	113.26	44.30
8.28	2.49	109.48	41.40
8.30	2.30	110.59	38.49
8.32	2.17	111.25	35.58
8.34	2.16	113.47	34.42
8.36	2.22	116.14	34.42
8.38	2.18	117.02	33.84
8.40	2.25	105.02	33.26
8.42	2.29	98.13	33.26
8.44	2.30	94.13	34.42
8.46	2.33	87.24	34.42
8.48	2.42	77.46	35.00
8.50	2.49	78.56	36.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	2.58	83.68	39.07
8.54	2.65	91.23	39.65
8.56	2.71	98.34	40.23
8.58	2.78	104.34	40.81
8.60	2.88	112.34	41.98
8.62	2.88	119.45	41.40
8.64	2.78	128.34	40.23
8.66	2.73	135.00	40.23
8.68	2.73	135.67	39.65
8.70	2.78	139.89	40.23
8.72	2.93	135.22	41.40
8.74	2.95	134.11	41.98
8.76	2.83	129.00	40.23
8.78	2.68	122.11	38.49
8.80	2.56	122.11	37.32
8.82	2.47	124.55	36.16
8.84	2.40	127.88	35.58
8.86	2.32	128.11	33.84
8.88	2.23	126.77	32.09
8.90	2.12	126.32	30.93
8.92	2.08	126.32	29.77
8.94	2.04	122.10	29.19
8.96	1.99	116.76	28.02
8.98	1.97	114.99	28.02
9.00	1.96	113.43	27.44
9.02	1.87	103.88	29.77
9.04	1.92	98.33	30.35
9.06	1.94	92.77	30.93
9.08	1.96	88.99	30.93
9.10	1.96	87.22	30.35
9.12	1.94	84.11	30.35
9.14	1.97	84.33	30.35
9.16	2.00	84.33	30.35
9.18	2.01	85.44	30.35
9.20	2.04	85.22	29.77
9.22	2.06	84.99	29.77
9.24	2.06	86.33	29.19
9.26	2.08	90.11	29.19
9.28	2.09	90.77	29.19
9.30	2.09	90.33	28.60
9.32	2.06	90.77	28.60
9.34	2.08	90.77	28.02
9.36	2.10	91.66	28.60
9.38	2.11	90.32	28.02
9.40	2.11	87.88	28.02
9.42	2.12	86.55	28.02
9.44	2.10	87.21	26.86
9.46	2.06	89.66	26.86
9.48	2.00	91.66	25.70
9.50	1.98	90.77	25.11

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.91	91.21	23.95
9.54	1.84	92.77	22.79
9.56	1.81	92.77	22.21
9.58	1.85	88.54	21.63
9.60	1.80	84.99	21.05
9.62	1.72	82.77	20.46
9.64	1.63	78.99	19.88
9.66	1.56	78.54	19.30
9.68	1.60	74.10	18.72
9.70	1.61	73.87	19.30
9.72	1.63	75.65	19.30
9.74	1.69	74.10	19.30
9.76	1.73	73.65	19.88
9.78	1.79	71.88	20.46
9.80	1.85	71.65	21.05
9.82	1.87	72.99	21.63
9.84	1.91	76.32	21.63
9.86	1.86	78.54	21.63
9.88	1.85	82.99	21.05
9.90	1.85	85.88	21.05
9.92	1.80	87.88	20.46
9.94	1.73	91.66	19.88
9.96	1.61	86.34	25.11
9.98	1.75	91.67	26.86
10.00	1.86	89.23	28.02
10.02	1.94	88.34	28.60
10.04	1.98	90.78	29.77
10.06	2.01	87.45	30.35
10.08	2.03	85.45	30.35
10.10	1.98	88.34	28.60
10.12	1.85	90.78	26.86
10.14	1.77	93.23	26.28
10.16	1.74	93.90	25.70
10.18	1.74	93.89	25.70
10.20	1.74	95.01	25.70
10.22	1.76	93.23	26.28
10.24	1.81	85.89	27.44
10.26	1.83	77.89	27.44
10.28	1.82	75.23	27.44
10.30	1.83	71.67	28.02
10.32	1.85	69.45	27.44
10.34	1.79	73.89	26.86
10.36	1.75	80.34	26.28
10.38	1.71	83.67	26.28
10.40	1.70	84.11	25.11
10.42	1.62	87.89	25.11
10.44	1.58	87.45	23.95
10.46	1.51	85.45	23.95
10.48	1.49	80.56	24.53
10.50	1.45	76.78	24.53

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	1.40	74.78	24.53
10.54	1.45	66.78	25.70
10.56	1.47	61.67	26.28
10.58	1.51	56.78	27.44
10.60	1.55	53.00	29.19
10.62	1.56	49.67	30.35
10.64	1.59	47.22	32.09
10.66	1.59	47.45	33.26
10.68	1.62	48.11	35.00
10.70	1.61	48.34	36.16
10.72	1.58	49.89	37.90
10.74	1.64	48.56	40.23
10.76	1.65	49.00	41.98
10.78	1.64	49.67	43.14
10.80	1.63	50.56	43.72
10.82	1.61	51.45	43.72
10.84	1.57	50.78	44.89
10.86	1.53	51.45	46.05
10.88	1.53	52.12	47.21
10.90	1.51	53.01	48.37
10.92	1.50	51.01	50.12
10.94	1.50	49.90	51.86
10.96	1.46	49.90	53.02
10.98	1.46	49.23	54.19
11.00	1.51	45.48	151.87
11.02	1.45	48.59	150.70
11.04	1.45	45.48	153.61
11.06	1.45	44.37	159.42
11.08	1.42	43.26	164.08
11.10	1.40	43.04	169.31
11.12	1.35	42.15	176.29
11.14	1.34	39.48	182.10
11.16	1.34	37.04	191.40
11.18	1.35	35.71	195.48
11.20	1.32	37.26	197.22
11.22	1.30	37.04	201.29
11.24	1.30	38.15	207.69
11.26	1.34	37.48	222.80
11.28	1.40	34.82	243.15
11.30	1.44	32.82	257.69
11.32	1.42	35.93	255.94
11.34	1.35	41.71	252.45
11.36	1.29	44.82	251.87
11.38	1.21	42.60	246.06
11.40	1.18	39.26	247.22
11.42	1.17	37.26	253.03
11.44	1.18	34.60	257.69
11.46	1.18	32.60	269.90
11.48	1.23	29.04	282.10
11.50	1.27	27.26	289.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	1.23	27.26	286.76
11.54	1.21	28.37	292.57
11.56	1.22	28.37	309.43
11.58	1.25	27.48	336.76
11.60	1.28	25.04	347.81
11.62	1.29	26.37	351.88
11.64	1.32	25.93	351.88
11.66	1.40	26.15	365.83
11.68	1.42	28.37	389.67
11.70	1.58	27.26	406.53
11.72	1.57	28.37	346.06
11.74	1.59	33.26	373.97
11.76	1.64	32.82	407.11
11.78	1.64	31.93	370.49
11.80	1.70	35.04	367.58
11.82	1.88	41.04	408.28
11.84	2.14	43.49	482.12
11.86	2.31	44.37	443.16
11.88	2.27	47.49	346.65
11.90	2.26	56.82	297.22
11.92	2.17	70.15	273.39
11.94	2.05	78.60	256.52
11.96	1.99	85.49	251.87
11.98	1.88	99.72	476.89
12.00	1.94	99.50	440.26
12.02	1.95	97.05	405.37
12.04	1.99	88.83	344.32
12.06	2.02	81.94	293.15
12.08	2.02	77.27	256.52
12.10	2.00	73.71	246.06
12.12	1.99	70.82	244.31
12.14	2.00	70.16	235.59
12.16	2.01	68.38	229.78
12.18	2.02	72.60	243.15
12.20	2.02	70.60	219.31
12.22	2.03	68.37	208.85
12.24	2.10	66.37	210.59
12.26	2.14	64.37	211.75
12.28	2.14	63.48	209.43
12.30	2.13	64.15	203.61
12.32	2.05	63.48	192.57
12.34	1.98	62.59	191.40
12.36	1.99	61.92	201.87
12.38	2.01	61.03	216.99
12.40	1.98	59.48	221.06
12.42	1.98	59.70	225.13
12.44	2.10	62.14	250.13
12.46	2.02	54.36	295.48
12.48	2.00	52.36	336.18
12.50	2.00	49.70	358.86

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.99	56.14	442.58
12.54	2.05	58.59	506.54
12.56	2.23	58.59	490.26
12.58	2.36	63.92	483.28
12.60	2.49	67.92	496.07
12.62	2.77	70.81	503.63
12.64	3.39	72.59	472.81
12.66	3.52	69.03	233.85
12.68	3.15	68.14	111.75
12.70	2.64	66.36	75.12
12.72	2.25	59.70	65.81
12.74	2.00	62.59	75.70
12.76	1.94	65.70	97.80
12.78	1.96	66.59	121.63
12.80	2.03	67.48	154.78
12.82	2.10	67.92	189.08
12.84	2.08	70.37	179.20
12.86	2.03	71.48	174.54
12.88	1.99	71.25	178.03
12.90	1.98	74.36	184.43
12.92	2.02	78.81	199.54
12.94	1.99	81.48	209.43
12.96	1.94	80.14	211.75
12.98	2.14	81.03	414.67
13.00	2.14	79.92	400.72
13.02	2.15	77.48	381.53
13.04	2.10	76.14	342.00
13.06	2.08	77.26	327.46
13.08	2.08	77.70	327.46
13.10	2.13	78.81	351.88
13.12	2.22	75.48	366.41
13.14	2.19	75.48	377.46
13.16	2.05	75.25	326.30
13.18	1.93	73.25	296.64
13.20	1.88	70.59	312.34
13.22	1.87	68.14	359.44
13.24	1.87	67.47	407.70
13.26	1.93	65.25	457.70
13.28	2.00	65.92	457.70
13.30	2.05	67.92	503.63
13.32	2.12	64.36	512.35
13.34	2.23	62.14	493.17
13.36	2.40	64.36	494.91
13.38	2.55	67.91	485.60
13.40	2.62	70.14	414.09
13.42	2.64	73.69	412.35
13.44	2.67	77.91	440.26
13.46	2.62	82.80	474.56
13.48	2.55	87.25	511.19
13.50	2.62	87.69	535.61

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	2.64	88.36	554.80
13.54	2.62	85.91	581.54
13.56	2.61	83.02	572.82
13.58	2.53	82.36	497.82
13.60	2.45	80.13	432.70
13.62	2.31	78.80	379.79
13.64	2.12	81.46	347.23
13.66	1.95	84.79	355.95
13.68	1.89	86.57	379.79
13.70	1.92	84.79	415.25
13.72	2.04	77.46	482.12
13.74	2.16	67.01	553.63
13.76	2.16	57.24	550.73
13.78	2.07	49.46	461.77
13.80	1.92	47.01	410.60
13.82	1.90	46.57	418.74
13.84	1.73	49.68	379.79
13.86	1.58	51.46	315.25
13.88	1.47	54.12	296.64
13.90	1.43	55.90	319.90
13.92	1.45	51.46	351.30
13.94	1.47	45.90	383.28
13.96	2.34	85.02	86.75
13.98	2.30	87.47	85.00
14.00	2.17	91.47	78.60
14.02	2.06	94.58	74.54
14.04	2.00	98.36	73.38
14.06	1.98	100.58	73.38
14.08	1.92	100.80	75.12
14.10	1.90	98.80	75.12
14.12	1.87	95.02	76.28
14.14	1.83	90.13	76.86
14.16	1.81	84.79	78.60
14.18	1.80	78.79	81.51
14.20	1.82	73.68	83.26
14.22	1.82	70.57	84.42
14.24	1.77	70.35	85.00
14.26	1.77	70.13	87.33
14.28	1.77	69.01	89.65
14.30	1.73	69.01	91.98
14.32	1.70	66.57	92.56
14.34	1.69	63.90	93.72
14.36	1.68	61.46	97.21
14.38	1.68	60.12	103.03
14.40	1.70	57.23	110.00
14.42	1.75	55.68	114.66
14.44	1.71	56.12	116.98
14.46	1.64	56.79	118.72
14.48	1.65	55.68	122.80
14.50	1.63	54.56	126.87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.59	54.79	132.68
14.54	1.62	53.90	136.75
14.56	1.62	55.45	141.40
14.58	1.63	56.12	146.63
14.60	1.65	57.01	152.45
14.62	1.69	61.46	156.52
14.64	1.68	66.57	160.00
14.66	1.69	71.90	164.66
14.68	1.71	73.68	159.42
14.70	1.69	74.12	151.87
14.72	1.66	75.46	152.45
14.74	1.63	74.35	154.19
14.76	1.61	69.90	146.05
14.78	1.54	65.90	135.00
14.80	1.47	66.35	125.12
14.82	1.43	66.79	119.89
14.84	1.35	66.35	119.89
14.86	1.31	65.68	123.96
14.88	1.31	63.45	131.52
14.90	1.33	58.12	139.66
14.92	1.34	51.90	150.12
14.94	1.33	41.91	390.25
14.96	1.39	41.02	408.86
14.98	1.40	37.69	420.49
15.00	1.41	36.13	425.14
15.02	1.41	37.24	437.35
15.04	1.44	37.47	430.37
15.06	1.45	39.24	420.49
15.08	1.48	41.24	404.20
15.10	1.53	42.36	385.60
15.12	1.60	44.58	366.41
15.14	1.65	45.47	325.71
15.16	1.69	49.02	290.25
15.18	1.74	51.91	260.01
15.20	1.78	55.47	247.80
15.22	1.84	57.91	228.61
15.24	1.94	61.47	208.85
15.26	1.99	66.80	180.94
15.28	1.99	72.80	153.61
15.30	1.99	79.02	137.33
15.32	1.98	85.47	125.70
15.34	1.94	92.13	117.56
15.36	1.93	96.13	113.49
15.38	1.98	100.13	111.75
15.40	1.98	101.47	109.42
15.42	2.00	99.47	105.35
15.44	2.01	95.69	102.45
15.46	2.02	92.80	98.38
15.48	2.34	92.57	108.84
15.50	2.59	91.24	116.40

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova **1**

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	2.34	90.13	120.47
15.54	2.22	94.79	113.49
15.56	2.25	98.35	115.24
15.58	2.33	99.01	118.14
15.60	2.37	99.01	117.56
15.62	2.37	101.23	114.66
15.64	2.35	103.90	112.91
15.66	2.30	102.12	112.33
15.68	2.30	100.56	112.33
15.70	2.33	99.45	110.59
15.72	2.28	99.45	108.84
15.74	2.27	99.00	107.68
15.76	2.24	97.00	102.45
15.78	2.21	95.22	97.21
15.80	2.17	95.00	92.56
15.82	2.15	97.00	90.23
15.84	2.13	97.66	90.82
15.86	2.13	97.44	91.98
15.88	2.15	97.44	90.82
15.90	2.13	97.22	87.91
15.92	2.13	97.00	88.49
15.94	2.16	96.33	90.23
15.96	2.08	90.33	90.82
15.98	2.13	97.02	145.47
16.00	2.18	97.68	140.82
16.02	2.22	99.46	141.40
16.04	2.24	97.68	132.10
16.06	2.28	95.90	125.70
16.08	2.30	95.24	116.98
16.10	2.24	97.24	107.68
16.12	2.19	99.46	103.03
16.14	2.19	95.90	100.70
16.16	2.21	93.68	98.96
16.18	2.21	93.68	95.47
16.20	2.18	94.79	92.56
16.22	2.15	93.23	93.14
16.24	2.18	88.56	94.89
16.26	2.16	86.12	98.38
16.28	2.17	83.67	100.12
16.30	2.23	82.78	103.61
16.32	2.23	82.34	103.61
16.34	2.21	83.67	104.19
16.36	2.21	83.45	105.35
16.38	2.21	81.89	100.70
16.40	2.21	86.11	99.54
16.42	2.18	87.89	96.63
16.44	2.17	90.11	96.05
16.46	2.22	89.67	97.21
16.48	2.24	91.23	98.96
16.50	2.25	91.67	101.28

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	2.33	90.34	100.12
16.54	2.35	92.34	100.70
16.56	2.36	93.45	96.63
16.58	2.37	95.23	97.80
16.60	2.41	97.45	97.21
16.62	2.39	97.45	97.80
16.64	2.33	100.78	96.63
16.66	2.36	99.89	102.45
16.68	2.37	97.22	103.61
16.70	2.45	96.56	107.10
16.72	2.52	95.67	108.84
16.74	2.57	95.22	107.10
16.76	2.60	98.33	108.84
16.78	2.65	99.00	110.59
16.80	2.66	101.89	112.33
16.82	2.76	105.89	117.56
16.84	2.87	107.00	121.63
16.86	2.90	109.44	118.72
16.88	2.87	114.11	112.91
16.90	2.82	116.11	114.08
16.92	2.87	114.77	112.33
16.94	2.87	119.00	110.59
16.96	2.72	125.23	189.66
16.98	2.85	125.45	191.99
17.00	2.96	123.01	200.12
17.02	3.00	119.67	185.59
17.04	2.94	118.12	177.45
17.06	2.88	123.23	179.78
17.08	2.91	128.12	176.29
17.10	2.95	130.56	182.68
17.12	2.91	127.23	184.43
17.14	3.01	126.78	187.91
17.16	3.11	124.56	193.15
17.18	3.13	118.11	193.73
17.20	3.14	113.00	189.08
17.22	3.13	109.67	178.03
17.24	3.12	111.67	168.73
17.26	3.07	115.66	161.75
17.28	3.00	119.00	165.24
17.30	2.93	120.55	160.00
17.32	2.90	120.77	147.80
17.34	2.78	121.88	131.52
17.36	2.66	120.33	116.40
17.38	2.52	119.66	102.45
17.40	2.40	117.88	95.47
17.42	2.33	117.88	94.30
17.44	2.28	118.54	96.05
17.46	2.28	116.10	96.63
17.48	2.26	109.65	93.72
17.50	2.30	102.32	94.89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	2.30	96.54	94.89
17.54	2.35	91.21	95.47
17.56	2.44	85.87	94.89
17.58	2.45	82.98	91.98
17.60	2.45	81.21	90.23
17.62	2.44	80.32	87.33
17.64	2.41	81.21	86.75
17.66	2.44	81.65	86.75
17.68	2.38	84.98	85.00
17.70	2.39	88.76	85.59
17.72	2.40	88.54	85.59
17.74	2.38	90.32	88.49
17.76	2.44	86.54	91.40
17.78	2.42	87.43	90.82
17.80	2.45	90.10	91.40
17.82	2.54	93.43	95.47
17.84	2.63	94.54	96.05
17.86	2.69	96.54	100.12
17.88	2.72	93.87	99.54
17.90	2.60	97.21	84.42
17.92	2.50	107.65	72.79
17.94	2.41	115.65	64.65
17.96	2.21	120.34	73.38
17.98	2.19	130.34	69.30
18.00	2.15	136.34	66.98
18.02	2.07	140.34	61.75
18.04	1.99	138.12	55.35
18.06	1.91	134.12	51.28
18.08	1.86	131.89	50.70
18.10	1.71	127.23	48.95
18.12	1.68	118.56	52.44
18.14	1.73	107.22	58.26
18.16	1.77	95.67	61.16
18.18	1.80	87.22	65.23
18.20	1.86	79.44	69.30
18.22	1.89	73.89	72.79
18.24	1.89	73.66	73.38
18.26	1.92	77.44	75.70
18.28	1.96	78.11	78.02
18.30	1.96	81.89	78.02
18.32	1.96	86.55	79.77
18.34	1.92	88.55	76.28
18.36	1.86	90.11	72.79
18.38	1.76	91.44	71.63
18.40	1.65	91.00	72.21
18.42	1.62	91.00	74.54
18.44	1.65	89.67	81.51
18.46	1.70	85.22	100.70
18.48	1.85	72.78	122.21
18.50	1.93	67.67	134.42

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.95	68.78	154.78
18.54	2.01	61.67	150.12
18.56	1.93	62.11	138.50
18.58	1.88	65.22	125.12
18.60	1.80	75.45	116.98
18.62	1.76	85.23	110.59
18.64	1.75	89.23	118.14
18.66	1.71	89.89	132.10
18.68	1.75	84.34	136.75
18.70	1.75	81.45	140.82
18.72	1.71	81.01	141.98
18.74	1.62	80.34	145.47
18.76	1.57	76.56	151.87
18.78	1.50	70.34	157.10
18.80	1.45	67.90	169.89
18.82	1.45	63.45	188.50
18.84	1.50	58.12	210.59
18.86	1.64	54.12	232.10
18.88	1.71	55.68	254.20
18.90	1.77	55.45	282.69
18.92	1.86	52.79	277.46
18.94	1.64	46.80	339.09
18.96	1.82	57.25	296.06
18.98	1.81	63.91	271.06
19.00	1.80	70.36	258.27
19.02	1.77	75.25	260.60
19.04	1.77	81.02	273.97
19.06	1.84	81.91	296.06
19.08	1.89	81.02	327.46
19.10	1.96	77.47	336.76
19.12	2.02	73.91	294.32
19.14	2.06	74.14	251.87
19.16	2.04	74.36	219.90
19.18	2.01	76.36	212.33
19.20	2.00	77.25	200.70
19.22	1.98	77.69	179.78
19.24	1.90	77.25	157.68
19.26	1.86	78.14	147.80
19.28	1.77	81.25	128.03
19.30	1.75	83.02	119.89
19.32	1.68	85.02	115.24
19.34	1.64	87.91	117.56
19.36	1.57	92.13	136.75
19.38	1.57	92.36	155.36
19.40	1.59	90.13	168.73
19.42	1.62	87.25	179.78
19.44	1.68	82.80	194.31
19.46	1.75	79.24	201.87
19.48	1.81	76.36	196.06
19.50	1.82	74.36	187.33

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.81	71.69	153.61
19.54	1.81	71.91	158.26
19.56	1.80	71.24	163.50
19.58	1.78	69.24	168.15
19.60	1.77	67.69	166.99
19.62	1.76	67.47	167.57
19.64	1.76	68.80	166.99
19.66	1.78	70.80	142.56
19.68	1.80	71.91	141.40
19.70	1.80	72.80	140.82
19.72	1.81	76.13	129.77
19.74	1.81	75.69	126.29
19.76	1.77	77.24	123.96
19.78	1.72	77.91	124.54
19.80	1.66	78.13	120.47
19.82	1.62	78.80	118.14
19.84	1.56	79.47	119.89
19.86	1.53	76.13	118.72
19.88	1.47	74.36	110.00
19.90	1.44	74.36	105.93
19.92	1.40	74.13	101.28
19.94	1.40	79.25	147.21
19.96	1.35	71.92	135.59
19.98	1.36	69.03	141.40
20.00	1.45	66.59	166.40
20.02	1.53	64.36	185.59
20.04	1.66	60.80	191.99
20.06	1.80	58.14	187.33
20.08	1.80	58.14	186.17
20.10	1.82	58.58	175.12
20.12	1.80	61.69	157.10
20.14	1.80	65.92	150.12
20.16	1.77	71.47	142.56
20.18	1.77	75.47	141.98
20.20	1.80	75.69	149.54
20.22	1.87	75.25	160.00
20.24	1.96	73.69	170.47
20.26	2.01	72.36	161.17
20.28	2.05	73.25	161.75
20.30	1.98	72.59	326.88
20.32	2.00	76.14	326.30
20.34	2.05	77.70	334.43
20.36	2.02	77.70	342.00
20.38	2.05	78.81	365.83
20.40	2.07	79.03	385.60
20.42	2.10	77.70	379.20
20.44	2.11	77.70	362.92
20.46	2.10	77.92	349.55
20.48	2.07	79.03	337.92
20.50	2.06	79.47	347.81

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	2.07	80.59	358.28
20.54	2.12	81.25	384.44
20.56	2.13	80.14	383.28
20.58	2.08	79.25	358.28
20.60	2.02	80.14	328.04
20.62	1.95	79.47	297.22
20.64	1.89	79.25	284.43
20.66	1.86	79.25	271.64
20.68	1.80	79.03	264.66
20.70	1.76	78.58	255.94
20.72	1.75	78.58	243.73
20.74	1.77	76.36	229.20
20.76	1.78	77.25	225.13
20.78	1.78	76.80	222.80
20.80	1.80	76.80	219.90
20.82	1.77	76.58	214.08
20.84	1.74	76.36	204.78
20.86	1.70	76.14	207.69
20.88	1.66	74.36	204.78
20.90	1.63	72.80	197.22
20.92	1.57	71.25	180.36
20.94	1.52	70.13	178.61
20.96	1.48	69.25	182.68
20.98	1.44	67.91	183.26
21.00	1.44	65.69	187.33
21.02	1.40	63.24	189.66
21.04	1.38	61.02	190.24
21.06	1.35	58.36	192.57
21.08	1.31	57.02	198.38
21.10	1.29	56.58	207.69
21.12	1.27	55.69	214.08
21.14	1.26	53.91	224.55
21.16	1.23	51.69	241.99
21.18	1.22	49.02	258.85
21.20	1.22	47.47	283.27
21.22	1.24	46.13	307.11
21.24	1.27	44.58	353.62
21.26	1.31	43.25	392.58
21.28	1.35	41.69	435.02
21.30	1.41	38.80	475.72
21.32	1.46	37.69	511.77
21.34	1.45	34.36	644.34
21.36	1.65	35.25	619.33
21.38	1.70	35.70	565.26
21.40	1.76	37.70	518.17
21.42	1.83	42.37	476.89
21.44	1.93	46.14	527.47
21.46	2.06	51.70	517.00
21.48	2.17	54.81	472.23
21.50	2.11	60.15	433.86

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	2.12	64.37	431.53
21.54	2.08	68.81	444.32
21.56	2.06	69.48	455.95
21.58	2.01	67.70	389.09
21.60	1.96	68.15	354.20
21.62	1.96	69.26	332.69
21.64	1.99	68.81	365.83
21.66	1.99	67.03	364.09
21.68	1.81	65.48	578.05
21.70	1.88	67.70	493.17
21.72	1.83	67.04	474.56
21.74	1.79	70.59	488.51
21.76	1.79	72.37	514.68
21.78	1.76	71.93	530.38
21.80	1.69	71.26	526.30
21.82	1.66	69.26	525.72
21.84	1.66	67.04	529.21
21.86	1.65	65.48	511.19
21.88	1.65	65.04	498.40
21.90	1.63	63.92	490.84
21.92	1.63	63.03	496.07
21.94	1.66	60.15	510.03
21.96	1.72	56.81	528.05
21.98	1.81	54.59	556.54
22.00	1.86	54.14	583.87
22.02	1.91	53.48	617.01
22.04	1.96	53.03	577.47
22.06	2.01	52.14	540.26
22.08	2.05	52.37	443.16
22.10	2.06	54.14	398.39
22.12	2.07	55.70	365.83
22.14	2.07	56.59	362.34
22.16	2.00	57.92	351.88
22.18	1.96	59.26	354.20
22.20	1.94	60.37	337.34
22.22	1.89	62.14	319.32
22.24	1.83	64.59	288.50
22.26	1.74	68.36	271.64
22.28	1.70	70.81	271.64
22.30	1.70	73.25	283.27
22.32	1.69	73.03	301.88
22.34	1.64	72.36	322.80
22.36	1.63	72.59	346.06
22.38	1.63	71.25	357.11
22.40	1.64	69.92	370.49
22.42	1.63	68.14	379.79
22.44	1.64	65.92	385.60
22.46	1.64	63.25	393.16
22.48	1.63	61.03	401.30
22.50	1.63	59.03	404.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.62	55.25	392.58
22.54	1.62	54.14	391.41
22.56	1.60	53.92	394.32
22.58	1.59	54.14	396.65
22.60	1.54	54.36	398.98
22.62	1.53	54.36	400.72
22.64	1.53	54.58	410.02
22.66	1.54	54.14	413.51
22.68	1.57	53.03	406.53
22.70	1.57	53.03	395.49
22.72	1.54	52.80	384.44
22.74	1.54	53.03	385.60
22.76	1.53	52.36	376.88
22.78	1.51	51.92	368.16
22.80	1.48	52.14	442.00
22.82	1.45	51.70	438.51
22.84	1.41	51.48	437.35
22.86	1.39	52.81	462.35
22.88	1.41	51.70	486.19
22.90	1.41	50.37	501.89
22.92	1.38	49.26	527.47
22.94	1.36	47.48	522.24
22.96	1.34	47.26	523.40
22.98	1.32	47.03	575.73
23.00	1.34	45.03	656.55
23.02	1.44	43.03	746.09
23.04	1.51	40.15	819.35
23.06	1.55	38.37	851.32
23.08	1.60	37.26	811.20
23.10	1.57	35.92	747.25
23.12	1.57	33.26	785.04
23.14	1.21	25.71	990.87
23.16	1.44	27.26	785.62
23.18	1.51	29.49	822.83
23.20	1.57	29.93	873.42
23.22	1.70	31.49	934.47
23.24	1.87	31.49	884.47
23.26	1.99	33.71	783.30
23.28	2.11	38.15	730.97
23.30	2.25	42.38	709.46
23.32	2.55	46.60	698.99
23.34	3.03	52.38	605.38
23.36	3.40	58.60	378.62
23.38	3.62	66.60	257.10
23.40	3.56	70.60	163.50
23.42	3.04	71.27	91.98
23.44	2.39	67.71	82.10
23.46	1.83	60.38	76.86
23.48	1.52	56.15	126.87
23.50	1.44	56.82	241.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.42	51.93	347.81
23.54	1.45	49.48	451.30
23.56	1.46	48.37	538.52
23.58	1.53	45.93	614.69
23.60	1.55	40.82	605.38
23.62	1.58	38.82	583.29
23.64	1.60	41.70	550.73
23.66	1.60	44.37	507.70
23.68	1.63	48.15	480.38
23.70	1.66	52.81	444.32
23.72	1.66	57.70	401.30
23.74	1.67	62.15	402.46
23.76	1.67	66.81	408.86
23.78	1.67	69.48	381.53
23.80	1.67	71.48	351.88
23.82	1.69	72.59	308.27
23.84	1.67	75.48	288.50
23.86	1.67	76.15	282.10
23.88	1.69	75.70	300.71
23.90	1.75	75.26	337.92
23.92	1.79	75.03	349.55
23.94	1.81	76.14	297.22
23.96	1.79	77.48	248.39
23.98	1.71	76.14	221.06
24.00	1.69	76.36	224.55
24.02	1.66	76.36	238.50
24.04	1.64	75.47	264.66
24.06	1.60	73.70	279.20
24.08	1.59	69.25	322.80
24.10	1.58	69.48	588.52
24.12	1.66	71.26	529.21
24.14	1.69	69.48	495.49
24.16	1.76	69.26	475.72
24.18	1.81	69.26	437.93
24.20	1.83	69.93	413.51
24.22	1.88	71.48	367.58
24.24	1.94	69.92	369.32
24.26	1.95	67.70	298.39
24.28	1.96	68.37	297.22
24.30	1.98	70.37	273.39
24.32	2.01	71.48	257.10
24.34	2.05	73.26	223.96
24.36	2.07	75.03	207.10
24.38	2.10	77.48	214.66
24.40	2.11	79.25	219.90
24.42	2.10	79.92	238.50
24.44	2.11	81.92	278.62
24.46	2.13	85.48	322.80
24.48	2.17	84.14	323.97
24.50	2.20	83.47	325.71

Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	2.19	81.03	300.13
24.54	2.20	80.14	300.71
24.56	2.23	79.92	298.39
24.58	2.17	81.03	249.55
24.60	2.10	81.69	223.96
24.62	2.05	81.69	219.90
24.64	2.02	81.91	229.20
24.66	2.00	82.58	235.59
24.68	1.96	81.69	213.50
24.70	1.93	80.58	196.06
24.72	1.88	81.47	204.78
24.74	1.83	80.13	239.08
24.76	1.82	78.13	276.29
24.78	1.80	74.80	342.00
24.80	1.80	70.36	425.14
24.82	1.83	66.36	500.72
24.84	1.90	62.80	590.26
24.86	1.98	58.36	597.24
24.88	2.04	54.36	529.21
24.90	2.05	54.13	522.24
24.92	2.05	57.02	527.47
24.94	2.06	59.25	419.32
24.96	2.04	64.36	422.23
24.98	2.02	67.69	523.40
25.00	2.06	68.14	521.08
25.02	2.07	71.69	447.23
25.04	2.10	70.80	416.42
25.06	2.07	73.25	368.16
25.08	2.32	44.36	645.50
25.10	2.37	52.81	617.01
25.12	2.42	63.25	547.24
25.14	2.42	73.70	468.75
25.16	2.32	83.70	380.37
25.18	2.25	91.70	380.37
25.20	2.24	98.59	388.51
25.22	2.26	102.59	415.25
25.24	2.34	99.47	408.86
25.26	2.38	97.25	378.04
25.28	2.41	99.02	376.30
25.30	2.42	98.58	350.71
25.32	2.40	98.36	318.74
25.34	2.42	95.69	285.60
25.36	2.42	95.69	254.20
25.38	2.42	98.58	232.69
25.40	2.38	100.58	225.71
25.42	2.36	102.35	218.73
25.44	2.37	104.80	226.87
25.46	2.22	101.91	222.22
25.48	2.25	102.57	227.45
25.50	2.31	103.24	226.87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	2.24	101.46	225.13
25.54	2.22	98.79	216.99
25.56	2.00	94.57	189.66
25.58	1.92	91.01	176.29
25.60	1.83	88.79	165.82
25.62	1.74	90.78	170.47
25.64	1.71	90.34	181.52
25.66	1.73	86.78	191.40
25.68	1.71	83.67	200.70
25.70	1.71	81.45	210.01
25.72	1.74	79.89	223.96
25.74	1.75	76.56	235.59
25.76	1.74	72.34	250.71
25.78	1.76	68.78	265.25
25.80	1.81	67.89	273.39
25.82	1.82	68.78	278.04
25.84	1.85	68.78	282.10
25.86	1.86	69.45	284.43
25.88	1.85	70.79	286.76
25.90	1.85	71.90	283.27
25.92	1.85	72.56	262.92
25.94	1.74	71.90	269.90
25.96	1.70	70.12	281.52
25.98	1.70	68.79	299.55
26.00	1.60	59.26	494.91
26.02	1.70	62.81	480.96
26.04	1.71	64.14	458.86
26.06	1.72	65.25	446.07
26.08	1.69	63.04	509.45
26.10	1.74	66.81	493.17
26.12	1.78	67.48	483.86
26.14	1.83	70.81	485.60
26.16	1.84	71.48	475.72
26.18	1.87	71.26	471.07
26.20	1.84	70.59	446.07
26.22	1.84	70.14	436.77
26.24	1.84	67.92	410.60
26.26	1.82	67.48	385.02
26.28	1.77	66.36	381.53
26.30	1.75	66.36	382.70
26.32	1.70	65.70	392.58
26.34	1.69	65.48	421.07
26.36	1.71	63.92	432.11
26.38	1.71	62.59	457.70
26.40	1.74	58.59	476.30
26.42	1.76	54.59	489.68
26.44	1.77	53.25	503.05
26.46	1.82	51.47	470.49
26.48	1.83	51.47	422.23
26.50	1.81	53.25	380.37

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.76	55.25	354.20
26.54	1.71	58.59	360.60
26.56	1.66	60.14	364.67
26.58	1.63	61.03	371.07
26.60	1.62	59.47	368.74
26.62	1.55	61.70	397.23
26.64	1.57	60.36	437.93
26.66	1.59	55.70	469.91
26.68	1.60	53.03	491.42
26.70	1.70	51.03	491.42
26.72	1.79	50.59	526.89
26.74	1.79	50.59	487.35
26.76	1.71	52.81	480.38
26.78	1.70	53.03	457.70
26.80	1.62	55.48	435.60
26.82	1.54	58.14	450.14
26.84	1.51	57.70	487.35
26.86	1.44	55.48	505.96
26.88	1.42	52.14	537.93
26.90	1.42	47.26	585.61
26.92	1.42	43.03	648.40
26.94	1.44	37.70	686.78
26.96	1.44	33.48	716.43
26.98	1.39	31.03	740.85
27.00	1.39	27.70	777.49
27.02	1.38	26.37	742.60
27.04	1.36	26.14	758.30
27.06	1.35	24.59	807.72
27.08	1.16	11.93	838.53
27.10	1.48	16.16	669.92
27.12	1.45	20.16	677.48
27.14	1.44	21.27	747.83
27.16	1.45	21.49	820.51
27.18	1.59	21.71	876.91
27.20	1.70	22.60	880.40
27.22	1.71	23.49	805.98
27.24	1.66	25.27	694.92
27.26	1.55	24.16	697.83
27.28	1.49	22.16	791.44
27.30	1.53	19.94	878.07
27.32	1.58	20.16	894.93
27.34	1.64	21.27	936.80
27.36	1.89	23.27	1010.06
27.38	2.18	24.61	891.44
27.40	2.32	24.83	601.89
27.42	2.27	30.38	441.42
27.44	2.08	35.94	400.72
27.46	1.87	35.05	494.33
27.48	1.83	34.38	609.45
27.50	1.97	34.38	776.32

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N°129

Data 14/03/12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 98/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.95	37.27	832.72
27.54	1.93	37.72	812.95
27.56	1.89	37.49	804.23
27.58	2.00	35.72	914.12
27.60	2.37	35.72	1020.52
27.62	2.71	33.72	882.14
27.64	2.74	34.61	560.03
27.66	2.60	36.83	320.48
27.68	2.29	45.71	291.99
27.70	2.15	56.83	418.16
27.72	2.27	56.83	597.82
27.74	2.36	58.38	661.78
27.76	2.55	61.94	617.59
27.78	2.68	60.16	612.94
27.80	2.72	54.16	553.05
27.82	2.50	53.49	485.60
27.84	2.31	52.38	496.65
27.86	2.24	54.60	630.38
27.88	2.20	54.60	775.74
27.90	2.24	52.82	935.63
27.92	2.19	52.15	887.38
27.94	2.17	53.49	836.79
27.96	2.18	50.60	907.72
27.98	2.19	49.26	958.31
28.00	2.25	46.60	912.38
28.02	2.32	48.60	858.30
28.04	2.42	50.82	830.98
28.06	2.48	52.15	713.53
28.08	3.29	69.93	261.18
28.10	3.23	79.49	187.33
28.12	3.17	87.49	189.66
28.14	3.05	90.15	171.63
28.16	2.93	91.49	155.36
28.18	2.86	91.49	151.29
28.20	2.77	89.26	187.91
28.22	2.65	86.37	214.66
28.24	2.55	84.37	207.10
28.26	2.24	83.93	222.22
28.28	2.08	77.70	280.36
28.30	2.13	73.03	407.70
28.32	2.42	66.81	586.20
28.34	2.72	62.59	645.50
28.36	3.38	61.70	551.89
28.38	3.84	65.26	494.91
28.40	3.48	61.70	158.26
28.42	2.90	66.81	98.38
28.44	2.52	72.59	94.30
28.46	2.30	81.26	153.03
28.48	2.32	73.70	258.27
28.50	2.29	70.59	368.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	2.29	69.92	485.02
28.54	2.32	66.81	572.82
28.56	2.32	61.70	639.69
28.58	2.24	56.81	593.75
28.60	2.12	57.03	552.47
28.62	2.05	60.81	485.60
28.64	2.00	63.25	446.65
28.66	1.95	68.14	451.89
28.68	1.88	71.25	459.44
28.70	1.84	73.70	429.21
28.72	1.84	74.81	415.83
28.74	1.86	75.25	416.42
28.76	1.89	74.81	461.19
28.78	1.96	73.25	482.70
28.80	2.05	70.59	493.17
28.82	2.12	69.03	474.56
28.84	2.22	67.03	420.49
28.86	2.28	69.25	430.37
28.88	2.32	70.80	385.60
28.90	2.25	73.92	369.90
28.92	2.25	74.36	376.88
28.94	2.30	76.36	354.20
28.96	2.36	81.69	418.74
28.98	2.41	80.14	459.44
29.00	2.46	79.47	430.37
29.02	2.53	82.58	364.09
29.04	2.62	87.25	321.64
29.06	2.65	91.69	273.39
29.08	2.50	91.70	332.11
29.10	2.54	102.15	262.92
29.12	2.50	107.48	229.78
29.14	2.48	114.59	226.87
29.16	2.46	117.03	226.87
29.18	2.46	114.37	244.31
29.20	2.43	107.48	198.96
29.22	2.34	102.59	173.96
29.24	2.35	98.80	179.20
29.26	2.43	94.80	212.33
29.28	2.50	89.69	257.69
29.30	2.60	83.69	298.97
29.32	2.62	81.47	261.76
29.34	2.60	83.69	193.73
29.36	2.48	87.69	184.43
29.38	2.33	88.80	194.31
29.40	2.28	90.36	237.92
29.42	2.24	84.80	365.25
29.44	2.35	83.69	515.26
29.46	2.54	75.47	653.64
29.48	2.67	69.91	693.18
29.50	2.78	64.14	568.75

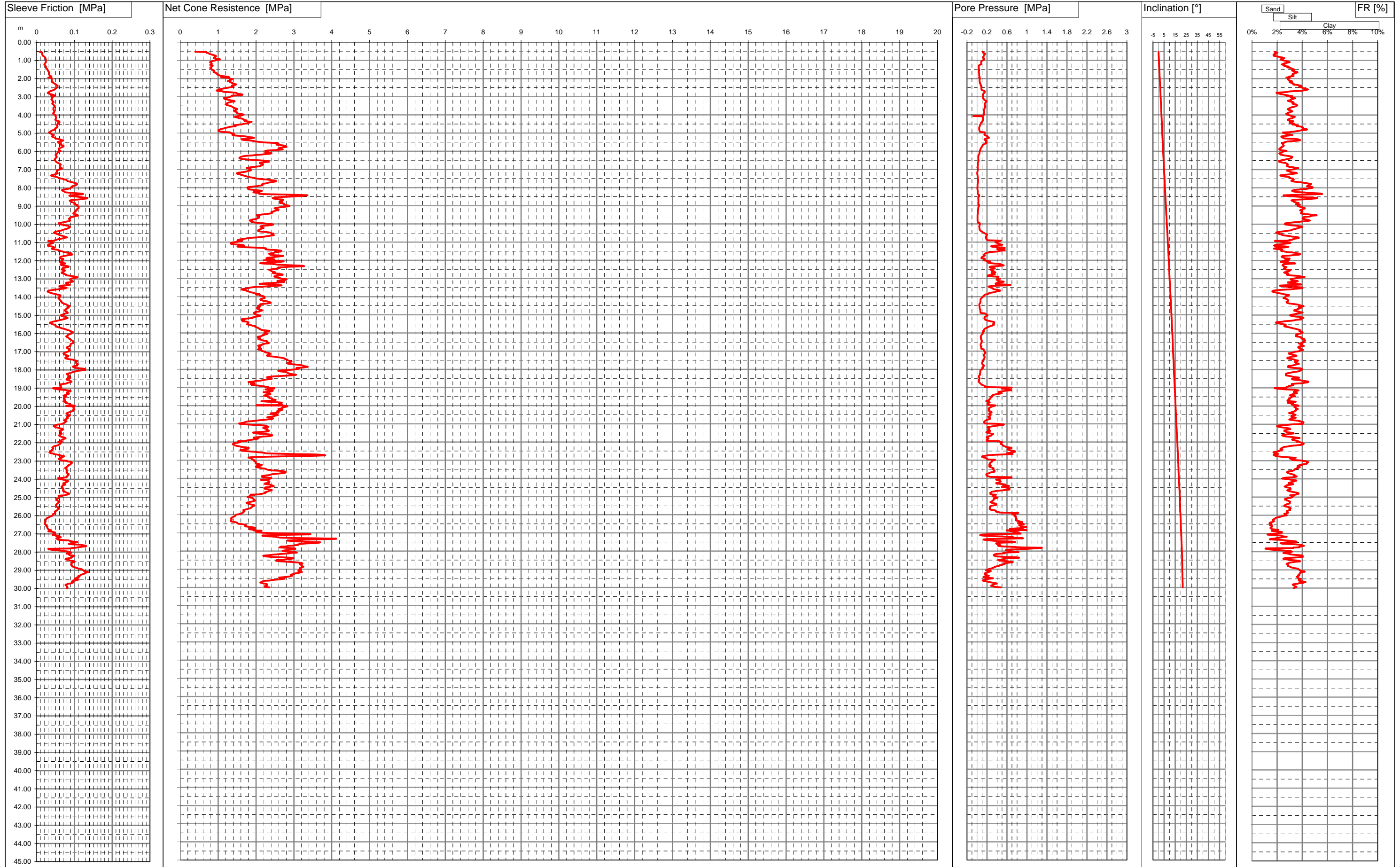
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	2.88	65.02	403.04
29.54	2.88	72.80	317.58
29.56	2.77	87.69	285.01
29.58	2.64	101.92	269.31
29.60	2.58	107.25	291.99
29.62	2.64	109.92	309.43
29.64	2.66	113.25	300.71
29.66	2.72	111.02	287.92
29.68	2.79	106.80	341.41
29.70	2.90	101.25	362.34
29.72	3.00	99.02	291.41
29.74	2.95	99.91	256.52
29.76	2.85	105.24	254.78
29.78	2.85	106.13	244.90
29.80	2.85	106.80	216.99
29.82	2.83	109.47	206.52
29.84	2.83	110.80	201.29
29.86	2.84	112.13	193.15
29.88	2.83	109.69	180.94
29.90	2.84	114.13	165.82
29.92	2.79	115.68	154.78
29.94	2.72	116.57	131.52
29.96	2.69	114.57	135.00
29.98	2.64	114.35	154.78
30.00	2.65	113.02	183.26



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località VIA DEI GRILLI  
 Cantiere SOVRAPASSO N° 129  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 104/2012  
 Data 15/03/12 Emesso il 15/03/12  
 Falda ml  
 Preforo 0.50 m. p.c.

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.39	7.17	131.52
0.54	0.69	12.95	119.89
0.56	0.69	13.62	118.14
0.58	0.69	14.29	121.63
0.60	0.73	14.07	135.00
0.62	0.76	14.29	157.10
0.64	0.77	14.96	164.66
0.66	0.80	14.29	159.42
0.68	0.82	15.18	145.47
0.70	0.87	14.96	141.40
0.72	0.89	15.63	136.75
0.74	0.93	16.30	135.59
0.76	0.95	17.63	136.75
0.78	0.95	19.19	129.77
0.80	0.94	20.30	125.12
0.82	0.93	20.97	129.19
0.84	0.89	22.30	129.77
0.86	0.88	22.53	126.29
0.88	0.89	23.42	128.61
0.90	0.92	23.64	143.15
0.92	0.98	23.86	145.47
0.94	1.05	24.31	145.47
0.96	1.02	24.12	142.56
0.98	0.97	23.67	129.77
1.00	0.93	23.67	118.14
1.02	0.89	23.89	100.12
1.04	0.85	24.12	88.49
1.06	0.82	24.34	85.00
1.08	0.81	24.78	82.10
1.10	0.78	24.12	83.84
1.12	0.79	23.45	85.00
1.14	0.81	22.78	82.10
1.16	0.82	21.90	82.68
1.18	0.84	21.45	86.75
1.20	0.84	21.23	92.56
1.22	0.82	19.90	86.17
1.24	0.79	20.34	61.16
1.26	0.79	21.23	47.79
1.28	0.85	21.67	40.81
1.30	0.86	22.78	38.49
1.32	0.85	23.90	36.16
1.34	0.82	24.78	35.00
1.36	0.81	24.12	34.42
1.38	0.81	23.45	34.42
1.40	0.79	23.90	35.58
1.42	0.79	25.23	37.90
1.44	0.81	26.34	38.49
1.46	0.82	27.23	39.65
1.48	0.82	27.90	40.23
1.50	0.82	28.56	39.65

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.84	29.01	42.56
1.54	0.88	29.01	46.05
1.56	0.89	29.23	42.56
1.58	0.90	30.34	40.81
1.60	0.90	31.01	39.07
1.62	0.88	31.45	37.32
1.64	0.88	32.78	38.49
1.66	0.89	33.45	39.07
1.68	0.93	33.45	40.23
1.70	0.94	33.89	41.98
1.72	0.98	33.45	43.72
1.74	0.98	32.56	43.14
1.76	0.97	32.56	42.56
1.78	0.97	33.45	42.56
1.80	1.01	33.67	43.14
1.82	1.03	33.89	43.72
1.84	1.05	35.44	43.14
1.86	1.09	37.44	45.47
1.88	1.18	37.44	49.53
1.90	1.27	37.89	51.86
1.92	1.29	39.44	50.70
1.94	1.08	30.33	41.40
1.96	1.24	38.55	58.26
1.98	1.29	38.55	57.10
2.00	1.31	39.66	54.77
2.02	1.37	40.10	54.19
2.04	1.37	40.10	54.19
2.06	1.36	40.32	53.60
2.08	1.32	39.66	51.86
2.10	1.32	39.88	51.28
2.12	1.29	39.88	50.12
2.14	1.25	40.99	49.53
2.16	1.29	40.32	51.86
2.18	1.32	40.32	55.35
2.20	1.32	43.21	55.93
2.22	1.36	43.21	57.68
2.24	1.38	44.54	60.58
2.26	1.37	46.10	60.00
2.28	1.41	47.65	62.91
2.30	1.43	49.43	66.98
2.32	1.48	50.09	72.21
2.34	1.46	52.09	75.70
2.36	1.41	53.42	75.12
2.38	1.37	54.76	75.70
2.40	1.36	55.64	78.02
2.42	1.41	55.42	83.84
2.44	1.41	54.97	89.07
2.46	1.40	54.31	93.72
2.48	1.32	54.08	89.65
2.50	1.27	53.19	84.42

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.22	51.19	86.17
2.54	1.17	51.19	86.75
2.56	1.12	49.41	87.33
2.58	1.05	48.08	87.91
2.60	1.01	47.19	88.49
2.62	1.00	45.18	93.72
2.64	0.99	42.52	101.86
2.66	0.96	40.29	125.12
2.68	1.00	38.29	142.56
2.70	1.12	34.74	158.84
2.72	1.13	32.96	154.19
2.74	1.17	33.62	149.54
2.76	1.34	31.18	150.70
2.78	1.46	28.95	148.96
2.80	1.48	29.84	143.15
2.82	1.50	32.73	134.42
2.84	1.53	34.73	126.87
2.86	1.60	37.84	125.12
2.88	1.64	42.50	123.96
2.90	1.64	44.73	129.19
2.92	1.59	46.95	127.45
2.94	1.36	38.28	111.75
2.96	1.39	46.05	124.54
2.98	1.36	44.49	122.21
3.00	1.32	42.49	121.63
3.02	1.30	41.16	122.80
3.04	1.27	41.38	121.05
3.06	1.22	40.71	118.72
3.08	1.15	40.93	117.56
3.10	1.16	39.60	122.80
3.12	1.17	39.60	133.26
3.14	1.21	38.71	139.08
3.16	1.25	39.60	143.73
3.18	1.29	41.15	148.38
3.20	1.34	41.37	165.24
3.22	1.42	41.37	183.26
3.24	1.42	42.70	192.57
3.26	1.44	44.26	193.15
3.28	1.35	44.70	186.17
3.30	1.32	44.92	176.87
3.32	1.27	43.59	168.73
3.34	1.25	42.03	163.50
3.36	1.23	40.92	161.17
3.38	1.23	40.92	158.84
3.40	1.22	41.81	155.36
3.42	1.20	43.58	155.94
3.44	1.22	44.47	157.10
3.46	1.23	45.80	157.10
3.48	1.27	46.91	160.59
3.50	1.31	48.24	161.75

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.33	48.24	166.40
3.54	1.37	47.35	168.73
3.56	1.38	47.13	163.50
3.58	1.40	45.13	160.59
3.60	1.41	44.46	158.26
3.62	1.43	44.24	156.52
3.64	1.46	44.24	151.29
3.66	1.49	44.24	147.80
3.68	1.50	43.79	144.31
3.70	1.48	44.23	140.24
3.72	1.49	44.68	138.50
3.74	1.45	45.79	136.17
3.76	1.44	46.23	136.75
3.78	1.42	46.01	138.50
3.80	1.42	47.34	141.40
3.82	1.46	47.11	143.15
3.84	1.49	46.67	143.73
3.86	1.50	45.78	144.31
3.88	1.50	43.78	140.82
3.90	1.50	44.22	135.59
3.92	1.52	43.33	132.10
3.94	1.57	43.77	132.68
3.96	1.61	45.77	146.63
3.98	1.68	47.99	144.31
4.00	1.66	49.10	135.00
4.02	1.63	50.65	130.35
4.04	1.60	50.43	123.38
4.06	1.53	49.77	-74.66
4.08	1.48	49.76	110.00
4.10	1.44	50.65	108.84
4.12	1.45	50.65	115.24
4.14	1.50	50.87	119.30
4.16	1.53	50.87	122.21
4.18	1.54	50.65	121.63
4.20	1.61	50.43	122.80
4.22	1.65	50.65	122.21
4.24	1.67	49.53	123.38
4.26	1.68	49.09	121.05
4.28	1.69	50.42	114.08
4.30	1.75	51.76	111.75
4.32	1.69	54.64	110.59
4.34	1.72	58.42	112.33
4.36	1.77	60.20	111.17
4.38	1.89	58.42	110.00
4.40	1.83	60.42	90.23
4.42	1.84	57.30	82.10
4.44	1.81	55.97	78.60
4.46	1.79	57.75	77.44
4.48	1.71	59.30	74.54
4.50	1.67	54.63	72.21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	1.62	54.19	69.30
4.54	1.53	53.96	65.23
4.56	1.46	53.96	60.58
4.58	1.42	54.18	57.68
4.60	1.47	53.96	57.10
4.62	1.47	54.18	54.77
4.64	1.37	55.29	51.86
4.66	1.30	54.40	49.53
4.68	1.28	52.85	47.21
4.70	1.23	52.18	44.89
4.72	1.18	49.95	44.30
4.74	1.16	48.62	43.14
4.76	1.11	48.39	43.14
4.78	1.07	48.62	43.14
4.80	1.05	47.95	43.72
4.82	1.02	45.06	44.89
4.84	1.00	41.28	46.63
4.86	1.00	39.50	48.95
4.88	1.00	38.39	51.28
4.90	1.01	36.17	55.35
4.92	1.07	35.28	60.00
4.94	1.12	34.83	66.40
4.96	1.31	32.84	155.36
4.98	1.31	33.72	153.61
5.00	1.35	35.28	152.45
5.02	1.40	37.73	156.52
5.04	1.42	39.50	155.94
5.06	1.42	41.06	153.61
5.08	1.37	43.06	146.63
5.10	1.37	45.72	153.03
5.12	1.40	44.17	165.24
5.14	1.47	41.72	179.20
5.16	1.59	40.84	198.38
5.18	1.71	40.84	212.92
5.20	1.76	41.95	209.43
5.22	1.80	44.61	214.66
5.24	1.91	47.06	236.18
5.26	1.95	49.28	239.08
5.28	1.90	49.50	224.55
5.30	1.83	52.83	187.33
5.32	1.70	59.72	160.00
5.34	1.61	61.94	154.78
5.36	1.63	63.05	148.96
5.38	1.68	66.83	155.94
5.40	1.78	70.61	173.96
5.42	1.88	67.72	183.26
5.44	1.95	62.61	194.31
5.46	1.99	57.94	185.59
5.48	2.05	55.94	180.36
5.50	2.15	56.83	175.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	2.26	60.16	185.01
5.54	2.44	59.49	197.22
5.56	2.58	62.82	191.40
5.58	2.60	64.60	169.31
5.60	2.58	65.04	147.80
5.62	2.54	64.60	134.42
5.64	2.54	64.15	123.38
5.66	2.63	66.60	115.24
5.68	2.71	70.60	111.75
5.70	2.77	71.71	108.84
5.72	2.79	70.82	104.19
5.74	2.79	70.37	101.28
5.76	2.81	67.92	97.21
5.78	2.73	64.59	92.56
5.80	2.64	63.03	85.59
5.82	2.61	60.36	79.19
5.84	2.59	58.14	74.54
5.86	2.61	57.92	72.21
5.88	2.66	59.03	72.79
5.90	2.71	60.14	71.63
5.92	2.62	59.47	66.40
5.94	2.47	58.36	60.00
5.96	2.30	63.25	63.49
5.98	2.24	63.25	59.42
6.00	2.31	60.80	60.00
6.02	2.30	57.69	57.10
6.04	2.26	55.69	53.60
6.06	2.24	55.25	50.12
6.08	2.30	54.80	50.12
6.10	2.41	54.36	50.70
6.12	2.41	53.47	51.28
6.14	2.35	53.02	47.79
6.16	2.25	51.69	42.56
6.18	2.14	50.35	38.49
6.20	2.02	49.69	34.42
6.22	1.93	50.35	32.09
6.24	1.81	51.46	29.19
6.26	1.71	51.91	26.86
6.28	1.65	52.79	25.70
6.30	1.62	53.46	25.11
6.32	1.59	52.35	25.11
6.34	1.58	51.46	25.11
6.36	1.56	51.02	25.11
6.38	1.56	49.46	25.11
6.40	1.57	48.57	25.11
6.42	1.62	47.90	25.11
6.44	1.71	47.46	26.28
6.46	1.82	48.35	27.44
6.48	1.95	47.90	29.19
6.50	2.06	49.01	30.93

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	2.25	49.46	32.09
6.54	2.31	51.01	30.93
6.56	2.34	52.12	29.19
6.58	2.34	51.90	26.86
6.60	2.25	53.23	23.37
6.62	2.17	55.23	19.88
6.64	2.10	57.68	17.56
6.66	2.10	59.23	16.40
6.68	2.13	61.45	16.40
6.70	2.18	63.01	18.14
6.72	2.19	64.34	18.14
6.74	2.19	63.01	18.14
6.76	2.16	62.12	16.98
6.78	2.13	61.89	15.81
6.80	2.12	61.00	15.23
6.82	2.12	60.78	14.65
6.84	2.05	60.78	12.90
6.86	1.95	61.89	11.16
6.88	1.86	64.11	8.83
6.90	1.81	63.00	8.25
6.92	1.75	67.01	15.81
6.94	1.83	66.78	17.56
6.96	1.86	65.45	17.56
6.98	1.82	62.78	16.40
7.00	1.82	59.67	15.23
7.02	1.86	56.12	15.23
7.04	1.87	53.45	14.65
7.06	1.85	52.78	13.49
7.08	1.82	53.23	12.32
7.10	1.76	53.89	11.74
7.12	1.74	53.89	10.00
7.14	1.67	53.45	8.83
7.16	1.61	54.34	7.09
7.18	1.53	55.45	5.93
7.20	1.50	55.67	5.93
7.22	1.49	53.23	5.35
7.24	1.51	50.34	5.93
7.26	1.53	48.11	7.09
7.28	1.59	44.11	8.25
7.30	1.62	39.89	9.42
7.32	1.64	37.67	10.00
7.34	1.68	39.45	10.58
7.36	1.71	41.89	11.16
7.38	1.75	46.78	12.32
7.40	1.77	51.45	12.90
7.42	1.81	55.45	13.49
7.44	1.87	57.22	14.65
7.46	1.95	60.11	15.23
7.48	1.97	63.22	15.81
7.50	2.01	67.45	16.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	2.09	71.22	16.98
7.54	2.18	73.89	18.14
7.56	2.28	78.56	20.46
7.58	2.37	79.45	21.63
7.60	2.45	81.00	22.21
7.62	2.52	81.22	23.37
7.64	2.53	83.45	22.21
7.66	2.53	87.89	21.63
7.68	2.48	91.67	20.46
7.70	2.39	95.67	19.30
7.72	2.35	99.89	17.56
7.74	2.30	102.11	16.40
7.76	2.27	105.67	15.23
7.78	2.23	107.00	14.07
7.80	2.17	107.44	12.32
7.82	2.16	105.22	11.74
7.84	2.16	104.55	11.16
7.86	2.17	103.66	11.16
7.88	2.17	100.55	10.58
7.90	2.08	96.11	10.00
7.92	2.04	93.22	12.90
7.94	1.94	92.55	11.16
7.96	1.86	93.44	10.00
7.98	1.79	90.77	8.83
8.00	1.77	89.88	8.25
8.02	1.79	88.77	8.25
8.04	1.81	85.88	8.25
8.06	1.80	81.66	8.83
8.08	1.79	75.66	8.83
8.10	1.82	70.55	9.42
8.12	1.91	66.99	10.58
8.14	1.97	66.77	11.74
8.16	2.09	68.77	13.49
8.18	2.16	71.21	14.65
8.20	2.15	72.77	15.23
8.22	2.09	73.88	15.81
8.24	2.00	75.66	14.65
8.26	1.93	84.32	12.90
8.28	1.98	95.21	12.90
8.30	2.08	110.54	14.65
8.32	2.10	122.10	16.40
8.34	2.08	123.21	16.98
8.36	2.21	117.88	19.88
8.38	2.58	107.21	25.70
8.40	3.01	94.99	35.58
8.42	3.35	85.88	46.05
8.44	3.34	87.21	47.21
8.46	3.22	96.32	45.47
8.48	3.03	106.99	41.98
8.50	2.87	113.21	37.32

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	2.68	119.88	32.68
8.54	2.51	128.10	29.19
8.56	2.47	134.54	26.86
8.58	2.44	132.99	25.70
8.60	2.45	125.65	25.70
8.62	2.50	117.21	26.86
8.64	2.58	109.43	28.02
8.66	2.71	98.53	29.77
8.68	2.72	89.64	29.77
8.70	2.70	87.42	29.19
8.72	2.67	88.31	28.02
8.74	2.64	89.64	27.44
8.76	2.63	90.31	27.44
8.78	2.67	92.31	28.02
8.80	2.69	96.53	27.44
8.82	2.67	98.75	26.86
8.84	2.63	101.42	26.28
8.86	2.68	102.30	26.86
8.88	2.73	100.53	26.86
8.90	2.75	99.42	26.86
8.92	2.74	102.30	26.86
8.94	2.73	108.57	40.81
8.96	2.80	107.68	40.23
8.98	2.83	106.79	40.23
9.00	2.87	108.57	39.65
9.02	2.89	110.12	37.32
9.04	2.83	111.24	35.00
9.06	2.72	110.79	31.51
9.08	2.65	111.01	29.19
9.10	2.59	111.68	27.44
9.12	2.52	110.56	25.70
9.14	2.49	109.23	24.53
9.16	2.52	107.45	24.53
9.18	2.54	106.11	23.95
9.20	2.56	107.00	24.53
9.22	2.60	104.78	23.95
9.24	2.58	102.55	23.37
9.26	2.53	103.00	22.21
9.28	2.51	103.66	21.05
9.30	2.47	103.44	19.30
9.32	2.44	100.54	18.14
9.34	2.41	100.10	18.14
9.36	2.42	99.88	18.14
9.38	2.44	98.76	18.14
9.40	2.40	96.98	16.98
9.42	2.40	97.43	16.40
9.44	2.32	100.54	15.23
9.46	2.24	104.31	14.07
9.48	2.17	107.64	12.90
9.50	2.07	108.76	11.16

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 2

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	2.02	109.42	10.58
9.54	2.09	103.42	10.58
9.56	2.05	101.19	10.00
9.58	2.04	98.08	10.00
9.60	2.07	90.75	10.00
9.62	2.08	88.53	10.58
9.64	2.08	89.64	11.16
9.66	2.08	87.63	11.16
9.68	2.04	86.52	11.16
9.70	2.03	84.97	10.58
9.72	2.02	86.75	10.58
9.74	1.96	87.63	10.58
9.76	1.91	87.86	10.00
9.78	1.86	88.30	10.00
9.80	1.84	88.97	10.00
9.82	1.83	86.30	11.16
9.84	1.87	81.86	12.32
9.86	1.91	76.75	13.49
9.88	1.87	72.52	15.81
9.90	1.92	66.97	18.72
9.92	1.97	62.52	21.05
9.94	2.03	58.08	23.95
9.96	2.16	58.10	55.35
9.98	2.27	60.99	56.51
10.00	2.37	63.22	58.26
10.02	2.45	66.77	58.26
10.04	2.45	72.33	57.10
10.06	2.40	76.55	54.19
10.08	2.33	81.88	52.44
10.10	2.22	84.77	48.95
10.12	2.13	86.55	44.89
10.14	2.12	87.66	44.30
10.16	2.13	88.33	45.47
10.18	2.15	87.44	47.21
10.20	2.17	84.33	48.37
10.22	2.20	82.77	48.95
10.24	2.18	80.11	48.37
10.26	2.15	77.22	50.12
10.28	2.13	73.22	51.86
10.30	2.10	70.33	53.60
10.32	2.09	67.88	55.35
10.34	2.06	65.66	60.58
10.36	2.06	60.99	65.81
10.38	2.05	56.77	73.38
10.40	2.08	51.88	82.68
10.42	2.12	48.99	94.30
10.44	2.23	46.55	106.51
10.46	2.33	45.44	118.72
10.48	2.39	46.99	131.52
10.50	2.40	49.66	142.56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	2.42	52.77	156.52
10.54	2.46	54.10	169.89
10.56	2.41	58.10	183.85
10.58	2.44	58.99	202.45
10.60	2.45	60.55	202.45
10.62	2.47	65.22	197.22
10.64	2.40	68.99	190.24
10.66	2.33	72.33	185.59
10.68	2.28	73.66	184.43
10.70	2.21	77.66	178.61
10.72	2.12	80.55	182.10
10.74	2.03	74.11	175.12
10.76	1.89	73.22	178.03
10.78	1.81	67.44	183.85
10.80	1.74	61.44	184.43
10.82	1.68	56.77	185.01
10.84	1.61	53.88	186.75
10.86	1.56	51.00	194.89
10.88	1.55	47.22	204.78
10.90	1.51	46.55	217.57
10.92	1.64	30.35	476.30
10.94	1.62	36.35	458.86
10.96	1.57	36.80	424.56
10.98	1.51	38.35	383.86
11.00	1.44	42.13	367.00
11.02	1.38	43.69	370.49
11.04	1.35	42.13	396.07
11.06	1.33	39.24	416.42
11.08	1.33	35.24	435.60
11.10	1.35	32.13	444.90
11.12	1.43	29.91	467.00
11.14	1.57	29.69	506.54
11.16	1.64	31.24	492.59
11.18	1.68	29.91	411.77
11.20	1.68	32.36	319.32
11.22	1.57	40.58	285.01
11.24	1.51	45.02	283.27
11.26	1.54	45.02	311.76
11.28	1.69	46.13	400.72
11.30	1.95	44.36	515.84
11.32	2.18	42.36	558.29
11.34	2.26	39.91	484.44
11.36	2.26	42.36	430.37
11.38	2.25	48.13	400.72
11.40	2.26	54.58	417.00
11.42	2.37	58.58	494.91
11.44	2.55	59.47	558.29
11.46	2.65	62.58	533.87
11.48	2.67	65.02	465.84
11.50	2.65	69.24	437.35

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	2.65	72.58	398.98
11.54	2.58	75.69	309.43
11.56	2.50	83.02	250.71
11.58	2.49	89.91	215.82
11.60	2.45	91.69	183.26
11.62	2.38	92.58	166.40
11.64	2.34	93.24	155.94
11.66	2.35	93.90	149.54
11.68	2.36	90.79	141.40
11.70	2.40	83.01	137.33
11.72	2.47	77.68	147.80
11.74	2.65	72.79	159.42
11.76	2.72	67.68	142.56
11.78	2.65	63.90	123.96
11.80	2.57	62.12	110.00
11.82	2.48	61.01	100.70
11.84	2.39	61.01	95.47
11.86	2.31	61.45	90.82
11.88	2.28	62.56	86.75
11.90	2.28	70.35	144.31
11.92	2.35	70.35	150.70
11.94	2.48	69.23	159.42
11.96	2.48	67.46	153.61
11.98	2.29	66.79	137.33
12.00	2.21	66.79	135.59
12.02	2.31	68.12	160.00
12.04	2.61	66.34	228.03
12.06	2.73	64.34	264.08
12.08	2.66	62.12	243.73
12.10	2.47	63.23	219.31
12.12	2.31	66.78	216.40
12.14	2.22	75.45	236.18
12.16	2.11	75.23	276.88
12.18	2.21	69.23	359.44
12.20	2.40	63.23	430.95
12.22	2.51	63.45	483.86
12.24	2.57	65.89	487.35
12.26	2.75	68.12	508.86
12.28	3.01	76.12	536.77
12.30	3.23	82.34	493.75
12.32	3.27	85.00	375.72
12.34	3.13	84.34	290.83
12.36	2.87	81.23	258.85
12.38	2.70	75.45	250.13
12.40	2.59	69.45	276.29
12.42	2.61	68.11	322.80
12.44	2.63	68.11	358.28
12.46	2.54	67.67	346.65
12.48	2.48	65.89	302.46
12.50	2.41	68.11	276.88

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	2.35	72.78	278.04
12.54	2.37	74.78	310.01
12.56	2.40	73.22	318.74
12.58	2.40	72.78	330.95
12.60	2.41	71.44	300.71
12.62	2.44	70.78	331.53
12.64	2.47	66.33	344.32
12.66	2.51	65.67	367.58
12.68	2.49	66.78	322.80
12.70	2.44	70.11	289.67
12.72	2.48	73.89	307.11
12.74	2.63	74.33	339.09
12.76	2.64	77.89	358.86
12.78	2.70	76.77	331.53
12.80	2.70	78.55	275.71
12.82	2.63	86.11	230.94
12.84	2.54	93.22	220.48
12.86	2.52	99.00	223.96
12.88	2.49	100.55	219.31
12.90	2.49	108.78	432.11
12.92	2.53	106.78	422.81
12.94	2.56	101.89	423.98
12.96	2.63	96.11	405.37
12.98	2.58	92.11	414.09
13.00	2.65	89.22	437.35
13.02	2.76	88.55	462.93
13.04	2.81	88.33	400.72
13.06	2.76	89.89	388.51
13.08	2.78	90.77	393.16
13.10	2.75	93.22	410.60
13.12	2.59	95.66	426.88
13.14	2.56	96.99	445.49
13.16	2.65	93.66	491.42
13.18	2.75	86.77	537.35
13.20	2.75	80.11	505.38
13.22	2.65	77.21	429.21
13.24	2.50	80.55	397.81
13.26	2.29	82.99	379.20
13.28	2.16	80.54	371.65
13.30	2.09	82.54	370.49
13.32	2.17	88.54	458.28
13.34	2.47	83.66	603.06
13.36	2.62	70.77	676.31
13.38	2.68	60.54	558.87
13.40	2.59	59.65	389.09
13.42	2.45	62.99	295.48
13.44	2.24	64.32	229.20
13.46	2.05	74.99	235.01
13.48	1.92	79.43	257.10
13.50	1.85	77.88	269.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.81	75.43	295.48
13.54	1.80	68.77	318.74
13.56	1.74	60.99	323.39
13.58	1.64	51.88	322.22
13.60	1.61	43.43	350.13
13.62	1.64	37.65	398.39
13.64	1.72	32.10	435.60
13.66	1.73	29.65	460.60
13.68	1.75	28.77	462.35
13.70	1.76	28.99	412.35
13.72	1.81	30.77	385.02
13.74	1.84	32.77	360.60
13.76	1.86	36.32	328.62
13.78	1.92	39.21	287.92
13.80	1.94	42.99	248.97
13.82	1.97	48.11	233.85
13.84	2.03	52.11	234.43
13.86	2.09	54.55	213.50
13.88	2.00	60.34	170.47
13.90	2.11	62.79	159.42
13.92	2.10	63.45	145.47
13.94	2.10	61.90	140.24
13.96	2.15	59.68	140.24
13.98	2.19	59.68	132.10
14.00	2.22	61.01	122.21
14.02	2.22	60.56	112.33
14.04	2.22	58.56	105.35
14.06	2.23	57.23	98.38
14.08	2.23	58.12	91.98
14.10	2.18	59.45	82.68
14.12	2.13	61.01	75.70
14.14	2.13	61.45	73.96
14.16	2.11	61.90	71.05
14.18	2.12	62.56	69.89
14.20	2.16	64.12	70.47
14.22	2.17	64.56	68.72
14.24	2.23	65.45	71.05
14.26	2.30	65.00	72.79
14.28	2.33	66.34	69.89
14.30	2.35	66.56	67.56
14.32	2.39	68.11	65.81
14.34	2.39	70.56	65.23
14.36	2.36	72.34	61.75
14.38	2.28	74.78	55.93
14.40	2.18	77.89	50.70
14.42	2.11	79.44	46.63
14.44	2.12	81.22	45.47
14.46	2.12	84.33	46.05
14.48	2.11	86.11	44.89
14.50	2.05	87.89	46.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	2.05	87.44	48.95
14.54	2.08	85.44	52.44
14.56	2.10	81.44	53.02
14.58	2.08	80.99	51.86
14.60	2.04	82.55	51.86
14.62	2.04	81.21	53.02
14.64	2.03	79.44	54.77
14.66	2.05	77.44	55.93
14.68	2.08	77.21	58.84
14.70	2.06	75.66	62.91
14.72	2.12	74.10	66.98
14.74	2.15	74.77	68.14
14.76	2.17	75.21	66.98
14.78	2.12	78.10	65.81
14.80	2.10	80.54	67.56
14.82	2.08	80.32	68.72
14.84	2.00	80.99	68.14
14.86	1.97	82.76	69.89
14.88	1.97	78.54	70.47
14.90	1.94	75.43	74.54
14.92	1.97	71.66	157.68
14.94	1.96	72.77	166.99
14.96	1.96	68.33	178.03
14.98	1.99	64.55	186.17
15.00	2.04	63.89	197.22
15.02	2.06	64.33	205.94
15.04	2.12	68.33	211.75
15.06	2.11	71.66	198.38
15.08	2.08	74.77	182.68
15.10	2.01	77.88	163.50
15.12	1.96	81.00	153.61
15.14	1.92	81.89	151.87
15.16	1.89	80.55	153.61
15.18	1.91	76.33	146.63
15.20	1.79	73.88	147.80
15.22	1.74	69.00	149.54
15.24	1.63	66.33	154.19
15.26	1.69	61.44	162.33
15.28	1.64	57.66	172.80
15.30	1.63	54.33	191.40
15.32	1.63	49.22	216.99
15.34	1.68	44.33	247.80
15.36	1.65	41.22	281.52
15.38	1.76	37.66	315.25
15.40	1.79	35.00	344.32
15.42	1.80	34.77	345.48
15.44	1.80	36.77	343.74
15.46	1.79	39.22	343.74
15.48	1.79	41.66	329.79
15.50	1.79	45.00	322.22

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.76	48.33	326.88
15.54	1.80	49.66	342.58
15.56	1.86	49.66	337.34
15.58	1.88	49.44	313.50
15.60	1.91	52.78	302.46
15.62	1.98	52.11	267.57
15.64	1.98	55.22	250.71
15.66	1.98	58.55	232.69
15.68	2.00	62.11	218.15
15.70	2.03	65.89	204.78
15.72	2.05	68.11	191.99
15.74	2.06	72.34	173.96
15.76	2.09	75.67	158.84
15.78	2.11	78.11	148.38
15.80	2.11	81.67	142.56
15.82	2.13	84.34	140.82
15.84	2.17	87.22	137.91
15.86	2.25	89.67	136.17
15.88	2.36	92.11	135.59
15.90	2.30	90.78	114.08
15.92	2.33	95.90	137.33
15.94	2.24	93.68	123.96
15.96	2.22	93.23	118.14
15.98	2.23	92.34	115.24
16.00	2.23	91.67	114.08
16.02	2.27	89.67	115.24
16.04	2.31	86.56	114.66
16.06	2.29	83.45	107.68
16.08	2.24	82.34	99.54
16.10	2.18	81.89	93.14
16.12	2.21	81.89	88.49
16.14	2.17	79.00	82.68
16.16	2.15	77.89	80.93
16.18	2.12	78.78	78.60
16.20	2.06	81.44	76.86
16.22	2.04	83.44	76.86
16.24	2.06	83.89	78.02
16.26	2.06	85.22	80.93
16.28	2.11	85.88	82.68
16.30	2.11	87.22	80.35
16.32	2.06	89.66	78.60
16.34	2.06	89.88	80.35
16.36	2.10	91.44	81.51
16.38	2.15	93.21	86.17
16.40	2.16	95.21	92.56
16.42	2.20	96.32	98.38
16.44	2.28	97.21	98.96
16.46	2.30	96.99	96.63
16.48	2.29	96.99	92.56
16.50	2.29	97.65	93.14

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	2.32	96.32	93.14
16.54	2.33	93.87	90.82
16.56	2.34	90.76	86.75
16.58	2.27	89.65	79.77
16.60	2.20	89.87	75.70
16.62	2.16	90.10	74.54
16.64	2.18	89.21	75.12
16.66	2.14	87.87	74.54
16.68	2.09	89.20	75.12
16.70	2.05	88.31	78.02
16.72	2.12	82.98	79.19
16.74	2.11	80.54	78.60
16.76	2.10	80.98	80.93
16.78	2.11	80.31	81.51
16.80	2.10	80.54	82.68
16.82	2.08	82.54	81.51
16.84	2.10	85.87	83.84
16.86	2.12	86.31	86.75
16.88	2.14	85.43	89.65
16.90	2.05	86.33	134.42
16.92	2.11	89.00	137.91
16.94	2.13	87.22	133.84
16.96	2.15	84.33	134.42
16.98	2.15	83.66	140.82
17.00	2.18	81.66	148.96
17.02	2.24	77.66	153.61
17.04	2.24	76.77	155.36
17.06	2.23	74.99	162.33
17.08	2.28	72.77	168.73
17.10	2.34	70.33	166.40
17.12	2.35	72.55	166.40
17.14	2.39	72.55	155.94
17.16	2.36	76.11	148.38
17.18	2.34	77.88	140.82
17.20	2.32	80.55	136.17
17.22	2.30	84.11	134.42
17.24	2.29	84.11	136.75
17.26	2.30	82.77	140.24
17.28	2.37	78.99	145.47
17.30	2.45	76.77	148.96
17.32	2.53	77.88	154.19
17.34	2.59	75.44	154.19
17.36	2.66	76.55	153.03
17.38	2.71	78.77	147.80
17.40	2.76	84.33	140.24
17.42	2.76	91.44	135.59
17.44	2.78	96.11	140.82
17.46	2.82	98.77	135.00
17.48	2.83	103.44	125.70
17.50	2.82	107.44	123.96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	2.86	107.21	124.54
17.54	2.90	105.66	125.70
17.56	2.94	102.99	123.38
17.58	2.94	103.66	114.08
17.60	2.89	105.26	108.26
17.62	2.89	104.54	105.35
17.64	2.86	104.99	100.70
17.66	2.83	108.10	100.12
17.68	2.83	109.65	103.03
17.70	2.88	108.54	105.93
17.72	2.95	106.10	106.51
17.74	3.05	106.98	112.33
17.76	3.16	107.65	123.96
17.78	3.22	101.87	135.59
17.80	3.25	96.31	137.33
17.82	3.26	95.64	136.17
17.84	3.31	97.20	133.84
17.86	3.37	99.42	125.12
17.88	3.30	102.53	114.08
17.90	3.25	109.19	102.45
17.92	3.07	123.01	125.12
17.94	3.13	127.23	113.49
17.96	3.12	129.01	105.35
17.98	3.11	128.12	99.54
18.00	3.06	126.34	94.30
18.02	2.96	119.23	83.84
18.04	2.82	111.01	73.38
18.06	2.68	105.00	66.98
18.08	2.59	102.34	64.65
18.10	2.61	98.33	64.65
18.12	2.66	94.55	66.40
18.14	2.77	92.33	68.72
18.16	2.81	89.22	67.56
18.18	2.82	86.11	65.23
18.20	2.83	81.88	62.91
18.22	2.87	79.22	59.42
18.24	2.88	80.11	56.51
18.26	2.93	81.88	57.68
18.28	3.02	84.33	60.00
18.30	3.06	84.33	60.58
18.32	2.99	84.10	55.93
18.34	2.89	86.77	47.21
18.36	2.72	87.21	41.40
18.38	2.52	83.44	36.16
18.40	2.39	82.77	35.00
18.42	2.32	85.88	35.58
18.44	2.29	89.21	38.49
18.46	2.32	88.32	44.30
18.48	2.41	81.66	50.12
18.50	2.42	79.21	51.28

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Proforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	2.42	79.44	48.95
18.54	2.36	80.32	44.30
18.56	2.29	85.21	40.81
18.58	2.20	87.88	39.65
18.60	2.18	89.88	43.14
18.62	2.11	90.99	40.23
18.64	2.00	92.32	37.32
18.66	1.94	91.21	35.58
18.68	1.87	87.66	36.74
18.70	1.80	82.99	40.81
18.72	1.84	80.10	44.30
18.74	1.88	79.43	51.86
18.76	1.96	73.21	65.23
18.78	1.96	63.88	71.63
18.80	1.87	60.99	76.28
18.82	1.86	60.77	83.26
18.84	1.89	63.44	92.56
18.86	1.89	64.10	103.61
18.88	1.97	62.11	126.87
18.90	2.09	62.99	146.05
18.92	2.13	64.55	161.17
18.94	2.21	63.22	168.15
18.96	2.25	63.22	158.84
18.98	2.32	65.66	151.87
19.00	2.31	42.93	696.09
19.02	2.47	45.37	637.36
19.04	2.49	51.59	548.40
19.06	2.48	56.71	493.75
19.08	2.38	64.49	570.50
19.10	2.25	75.38	594.33
19.12	2.27	84.27	618.75
19.14	2.34	90.04	685.04
19.16	2.42	90.04	646.66
19.18	2.45	86.49	573.99
19.20	2.41	85.38	529.21
19.22	2.39	81.82	489.10
19.24	2.29	79.38	432.11
19.26	2.20	80.05	429.21
19.28	2.25	80.49	465.26
19.30	2.29	85.83	489.10
19.32	2.36	82.49	498.98
19.34	2.37	79.38	447.23
19.36	2.38	78.94	407.11
19.38	2.37	75.16	362.92
19.40	2.28	70.72	335.02
19.42	2.25	72.28	316.99
19.44	2.21	74.05	301.88
19.46	2.22	78.94	311.76
19.48	2.31	76.06	310.01
19.50	2.32	76.06	304.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	2.33	73.84	284.43
19.54	2.32	72.95	271.64
19.56	2.34	73.62	271.06
19.58	2.37	72.28	265.83
19.60	2.42	73.17	271.06
19.62	2.42	74.28	267.57
19.64	2.42	74.29	249.55
19.66	2.45	74.73	247.80
19.68	2.52	73.18	238.50
19.70	2.51	74.95	239.08
19.72	2.43	70.51	214.66
19.74	2.23	72.29	185.01
19.76	2.14	77.18	183.85
19.78	2.30	78.96	214.08
19.80	2.44	79.40	241.99
19.82	2.64	77.18	255.94
19.84	2.69	82.96	243.15
19.86	2.64	87.85	225.71
19.88	2.61	88.96	218.73
19.90	2.64	88.29	213.50
19.92	2.68	87.19	208.85
19.94	2.69	94.07	206.52
19.96	2.69	100.74	207.69
19.98	2.01	77.22	369.32
20.00	2.75	97.44	361.76
20.02	2.82	98.33	339.67
20.04	2.83	98.55	310.01
20.06	2.79	97.44	290.83
20.08	2.72	96.99	271.06
20.10	2.69	97.66	261.76
20.12	2.70	98.32	248.39
20.14	2.70	99.66	236.76
20.16	2.65	100.10	235.59
20.18	2.59	96.99	233.85
20.20	2.68	96.54	241.40
20.22	2.70	97.65	238.50
20.24	2.68	97.65	239.66
20.26	2.64	93.87	233.27
20.28	2.63	91.43	236.18
20.30	2.56	89.65	247.22
20.32	2.58	85.87	273.97
20.34	2.57	83.43	286.76
20.36	2.57	81.65	291.99
20.38	2.60	78.76	293.15
20.40	2.53	78.54	261.76
20.42	2.39	81.20	246.06
20.44	2.38	81.65	243.15
20.46	2.41	84.31	243.73
20.48	2.47	88.54	254.20
20.50	2.55	88.54	271.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	2.58	86.31	272.80
20.54	2.53	84.09	268.73
20.56	2.48	80.54	261.76
20.58	2.48	79.87	245.48
20.60	2.41	80.31	230.36
20.62	2.33	81.20	227.45
20.64	2.29	82.76	237.34
20.66	2.38	81.87	258.27
20.68	2.45	78.10	259.43
20.70	2.41	78.10	253.62
20.72	2.45	76.32	267.57
20.74	2.41	73.65	247.80
20.76	2.30	73.21	219.90
20.78	2.21	75.21	200.12
20.80	2.10	77.87	182.10
20.82	2.00	79.43	173.38
20.84	1.94	76.10	165.24
20.86	1.85	74.99	151.87
20.88	1.75	74.99	143.15
20.90	1.72	73.21	142.56
20.92	1.69	71.88	144.31
20.94	1.67	69.21	147.80
20.96	1.61	66.99	148.38
20.98	1.55	64.99	152.45
21.00	1.57	54.79	434.44
21.02	1.68	52.79	501.89
21.04	1.82	49.46	538.52
21.06	1.99	45.90	499.56
21.08	2.15	44.79	457.12
21.10	2.27	45.68	396.07
21.12	2.28	48.12	353.04
21.14	2.30	49.68	299.55
21.16	2.33	54.35	251.29
21.18	2.29	57.90	214.08
21.20	2.21	61.01	204.78
21.22	2.19	66.35	228.03
21.24	2.21	68.79	241.40
21.26	2.23	70.35	247.22
21.28	2.29	68.79	242.57
21.30	2.31	66.79	240.24
21.32	2.30	63.46	230.36
21.34	2.30	60.35	220.48
21.36	2.28	60.79	240.24
21.38	2.34	61.90	264.66
21.40	2.33	63.46	258.27
21.42	2.30	64.35	221.64
21.44	2.19	63.23	199.54
21.46	1.99	63.90	185.01
21.48	1.92	65.46	193.73
21.50	1.94	66.35	225.71



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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.99	65.01	257.10
21.54	2.09	63.46	296.64
21.56	2.21	61.01	326.88
21.58	2.34	59.23	310.01
21.60	2.42	59.23	294.90
21.62	2.43	60.12	289.67
21.64	2.43	61.68	287.92
21.66	2.41	63.90	266.41
21.68	2.34	67.68	241.40
21.70	2.18	71.68	219.31
21.72	2.11	75.01	200.70
21.74	2.00	76.57	189.66
21.76	1.94	76.35	203.03
21.78	2.04	73.01	223.96
21.80	2.07	70.57	229.20
21.82	2.05	67.90	226.87
21.84	1.99	65.46	212.92
21.86	1.94	64.35	197.22
21.88	1.86	64.35	192.57
21.90	1.81	65.46	192.57
21.92	1.75	66.35	194.89
21.94	1.74	66.79	194.89
21.96	1.53	56.10	450.14
21.98	1.58	62.77	447.23
22.00	1.58	63.43	487.35
22.02	1.55	64.10	511.19
22.04	1.50	62.54	483.86
22.06	1.44	61.66	478.05
22.08	1.42	60.54	474.56
22.10	1.40	58.99	473.98
22.12	1.38	57.88	485.60
22.14	1.40	55.43	499.56
22.16	1.42	51.88	512.93
22.18	1.44	47.21	515.26
22.20	1.46	44.77	521.08
22.22	1.52	44.32	537.93
22.24	1.57	42.10	561.78
22.26	1.60	41.22	573.99
22.28	1.67	42.11	607.12
22.30	1.75	42.55	648.99
22.32	1.81	43.66	684.46
22.34	1.81	42.11	690.27
22.36	1.79	41.22	651.90
22.38	1.75	42.33	621.66
22.40	1.70	42.11	610.03
22.42	1.64	39.89	621.66
22.44	1.58	37.44	653.06
22.46	1.61	34.56	661.78
22.48	1.63	35.89	710.62
22.50	1.75	34.56	760.62

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.86	33.45	761.79
22.54	1.97	33.89	758.30
22.56	2.07	36.34	721.67
22.58	2.16	40.56	682.71
22.60	2.23	44.12	632.13
22.62	2.25	47.23	593.75
22.64	2.47	52.34	632.71
22.66	2.92	57.23	714.11
22.68	3.49	60.79	583.87
22.70	3.74	65.46	360.02
22.72	3.81	71.90	249.55
22.74	3.83	72.79	204.78
22.76	3.49	71.90	150.70
22.78	2.92	67.01	116.40
22.80	2.43	63.46	100.12
22.82	2.04	63.01	101.28
22.84	1.83	65.90	122.21
22.86	1.80	63.01	154.19
22.88	1.87	57.90	172.22
22.90	1.88	59.45	185.01
22.92	1.88	61.68	196.64
22.94	1.89	63.45	209.43
22.96	1.91	63.45	215.82
22.98	1.94	76.58	361.76
23.00	1.95	81.91	340.83
23.02	1.93	81.69	310.60
23.04	1.95	88.35	303.62
23.06	1.98	91.69	304.78
23.08	2.00	93.24	300.71
23.10	2.00	93.46	290.25
23.12	1.98	91.46	277.46
23.14	1.98	89.90	266.99
23.16	1.98	90.35	258.27
23.18	2.01	90.13	253.62
23.20	2.06	87.90	262.34
23.22	2.09	83.90	252.45
23.24	2.04	84.35	246.06
23.26	2.15	83.45	248.39
23.28	2.09	82.56	262.34
23.30	2.13	79.90	278.62
23.32	2.01	79.01	243.15
23.34	2.00	78.78	244.90
23.36	2.01	79.45	253.03
23.38	2.00	74.78	264.08
23.40	2.07	78.56	289.09
23.42	2.10	79.45	310.01
23.44	2.13	77.89	329.79
23.46	2.21	78.56	331.53
23.48	2.25	78.78	312.92
23.50	2.27	79.89	321.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	2.30	79.45	333.85
23.54	2.35	80.11	339.67
23.56	2.41	79.89	339.09
23.58	2.60	79.00	353.62
23.60	2.72	79.45	335.02
23.62	2.75	81.00	354.79
23.64	2.78	79.00	344.90
23.66	2.77	80.11	293.73
23.68	2.78	82.56	267.57
23.70	2.75	84.11	251.87
23.72	2.65	84.78	241.99
23.74	2.59	82.78	212.33
23.76	2.48	84.12	195.48
23.78	2.40	84.12	185.59
23.80	2.37	82.78	184.43
23.82	2.34	80.34	189.66
23.84	2.27	79.45	189.66
23.86	2.19	80.56	197.22
23.88	2.15	79.45	219.31
23.90	2.15	75.45	246.06
23.92	2.19	70.34	267.57
23.94	2.17	56.77	683.29
23.96	2.33	60.77	693.18
23.98	2.41	58.54	575.15
24.00	2.40	64.99	482.12
24.02	2.36	69.21	465.26
24.04	2.35	73.66	434.44
24.06	2.33	77.44	381.53
24.08	2.13	77.22	387.93
24.10	2.29	83.66	454.79
24.12	2.30	81.22	453.63
24.14	2.33	81.00	462.93
24.16	2.33	78.55	472.23
24.18	2.36	76.33	475.14
24.20	2.36	73.89	446.65
24.22	2.34	70.33	451.89
24.24	2.34	70.11	403.04
24.26	2.28	72.33	383.86
24.28	2.23	74.78	385.60
24.30	2.23	75.45	449.56
24.32	2.27	71.89	518.17
24.34	2.35	68.11	568.75
24.36	2.40	67.67	519.33
24.38	2.42	68.34	540.26
24.40	2.41	67.45	593.17
24.42	2.47	65.45	643.18
24.44	2.47	67.01	611.78
24.46	2.37	66.78	587.36
24.48	2.30	67.45	496.65
24.50	2.24	70.34	567.00

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Committente AUTOSTRADA DEL BRENNERO SPA

Località VIA DEI GRILLI

Cantiere SOVRAPASSO N° 129

Data 15\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova **2**

Cert. N. 104/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	2.24	70.12	634.45
24.54	2.22	70.35	646.08
24.56	2.22	70.57	652.48
24.58	2.24	69.90	621.66
24.60	2.31	71.68	650.15
24.62	2.41	70.35	644.92
24.64	2.42	69.46	568.75
24.66	2.42	72.57	512.93
24.68	2.36	71.68	414.67
24.70	2.33	75.46	375.72
24.72	2.31	77.68	329.20
24.74	2.29	79.46	293.73
24.76	2.23	82.79	286.76
24.78	2.23	85.46	280.36
24.80	2.26	85.90	262.92
24.82	2.21	85.24	266.99
24.84	2.19	81.90	268.15
24.86	2.10	76.57	270.48
24.88	2.12	74.79	269.31
24.90	1.86	57.91	379.79
24.92	1.96	68.14	371.07
24.94	1.89	61.47	324.55
24.96	1.84	59.47	311.18
24.98	1.83	59.47	309.43
25.00	1.80	59.25	322.22
25.02	1.77	58.36	344.90
25.04	1.81	57.25	386.18
25.06	1.87	54.80	414.67
25.08	1.90	53.47	406.53
25.10	1.92	51.69	365.83
25.12	1.92	51.69	342.00
25.14	1.93	51.91	332.11
25.16	1.96	54.36	337.92
25.18	1.96	55.47	335.60
25.20	1.96	57.25	329.20
25.22	1.98	59.47	314.67
25.24	1.96	60.36	308.85
25.26	1.92	60.36	297.22
25.28	1.89	58.13	291.99
25.30	1.82	56.13	267.57
25.32	1.78	55.47	272.22
25.34	1.75	54.36	293.15
25.36	1.76	53.91	324.55
25.38	1.77	51.91	353.62
25.40	1.80	51.02	375.13
25.42	1.84	51.02	390.25
25.44	1.88	50.58	390.83
25.46	1.93	51.47	377.46
25.48	1.96	51.02	339.67
25.50	1.96	51.91	300.71

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.95	53.91	280.36
25.54	1.90	55.69	262.92
25.56	1.90	57.02	262.92
25.58	1.89	57.02	254.78
25.60	1.88	59.02	257.10
25.62	1.86	59.25	265.25
25.64	1.86	57.91	270.48
25.66	1.83	55.91	262.34
25.68	1.78	54.58	250.13
25.70	1.75	54.58	258.85
25.72	1.71	53.47	273.39
25.74	1.66	50.36	306.53
25.76	1.68	49.03	357.11
25.78	1.70	47.92	380.95
25.80	1.70	48.14	371.65
25.82	1.70	48.14	373.97
25.84	1.66	48.36	394.90
25.86	1.66	49.25	437.35
25.88	1.66	48.59	446.65
25.90	1.64	45.45	824.58
25.92	1.62	42.56	814.11
25.94	1.61	43.45	775.16
25.96	1.57	42.56	733.30
25.98	1.53	42.12	708.30
26.00	1.47	41.90	726.32
26.02	1.46	39.46	757.13
26.04	1.46	36.12	771.09
26.06	1.45	34.57	755.39
26.08	1.44	33.24	750.74
26.10	1.43	31.46	764.11
26.12	1.40	29.01	784.46
26.14	1.39	26.57	785.62
26.16	1.35	25.68	772.83
26.18	1.35	25.02	771.09
26.20	1.33	24.57	773.41
26.22	1.33	23.69	789.11
26.24	1.36	22.80	793.18
26.26	1.36	23.24	791.44
26.28	1.36	22.80	770.50
26.30	1.35	23.69	774.58
26.32	1.34	23.69	785.04
26.34	1.32	23.47	814.11
26.36	1.34	22.36	846.68
26.38	1.36	21.69	874.58
26.40	1.43	21.03	904.23
26.42	1.48	21.03	901.91
26.44	1.50	21.03	831.56
26.46	1.50	22.36	820.51
26.48	1.51	23.70	840.86
26.50	1.55	24.59	894.35

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.63	24.81	940.29
26.54	1.70	24.59	902.49
26.56	1.72	25.25	865.28
26.58	1.74	27.70	841.44
26.60	1.74	28.59	862.37
26.62	1.71	27.70	867.02
26.64	1.72	27.48	896.10
26.66	1.79	28.15	962.96
26.68	1.88	28.37	989.70
26.70	1.94	28.81	929.24
26.72	1.98	29.92	923.42
26.74	1.96	30.37	859.47
26.76	1.95	31.03	749.00
26.78	1.87	33.48	657.13
26.80	1.82	38.81	740.85
26.82	1.91	38.15	900.17
26.84	1.99	35.92	993.20
26.86	1.93	30.82	593.75
26.88	2.15	38.37	636.78
26.90	2.05	44.15	669.34
26.92	2.00	48.60	702.48
26.94	2.00	48.60	733.88
26.96	2.01	49.04	817.02
26.98	2.10	48.60	844.35
27.00	2.26	46.59	755.39
27.02	2.56	43.26	842.02
27.04	3.04	42.37	874.00
27.06	3.43	42.37	513.51
27.08	3.44	48.15	175.12
27.10	2.97	59.70	75.12
27.12	2.46	60.59	62.91
27.14	2.17	52.82	94.30
27.16	2.18	54.37	172.22
27.18	2.26	64.15	332.27
27.20	2.42	61.70	505.96
27.22	2.54	60.15	672.25
27.24	2.56	55.92	728.64
27.26	2.66	51.48	682.71
27.28	2.95	54.81	818.19
27.30	3.56	55.48	920.51
27.32	4.12	58.37	625.73
27.34	3.92	69.48	204.20
27.36	3.48	84.81	126.87
27.38	3.19	86.81	139.08
27.40	2.96	90.14	211.17
27.42	2.83	96.14	285.01
27.44	2.88	104.36	346.06
27.46	2.97	108.81	540.26
27.48	3.20	99.47	704.22
27.50	3.48	93.25	769.92





# PROVA PENETROMETRICA STATICA

secondo Raccomandazioni AGI (1977)

Data	apr-07	Certificato N°	C01475	COMM.	004CM07	PAG.	1	DI	2	Verbale di accettazione C004/07
Sperimentatore	P. I. E. Calore			Il Direttore	Dott. Geol. V. Vicenzetto					

COMMITTENTE: AUTOSTRADA DEL BRENNERO S. p. A.

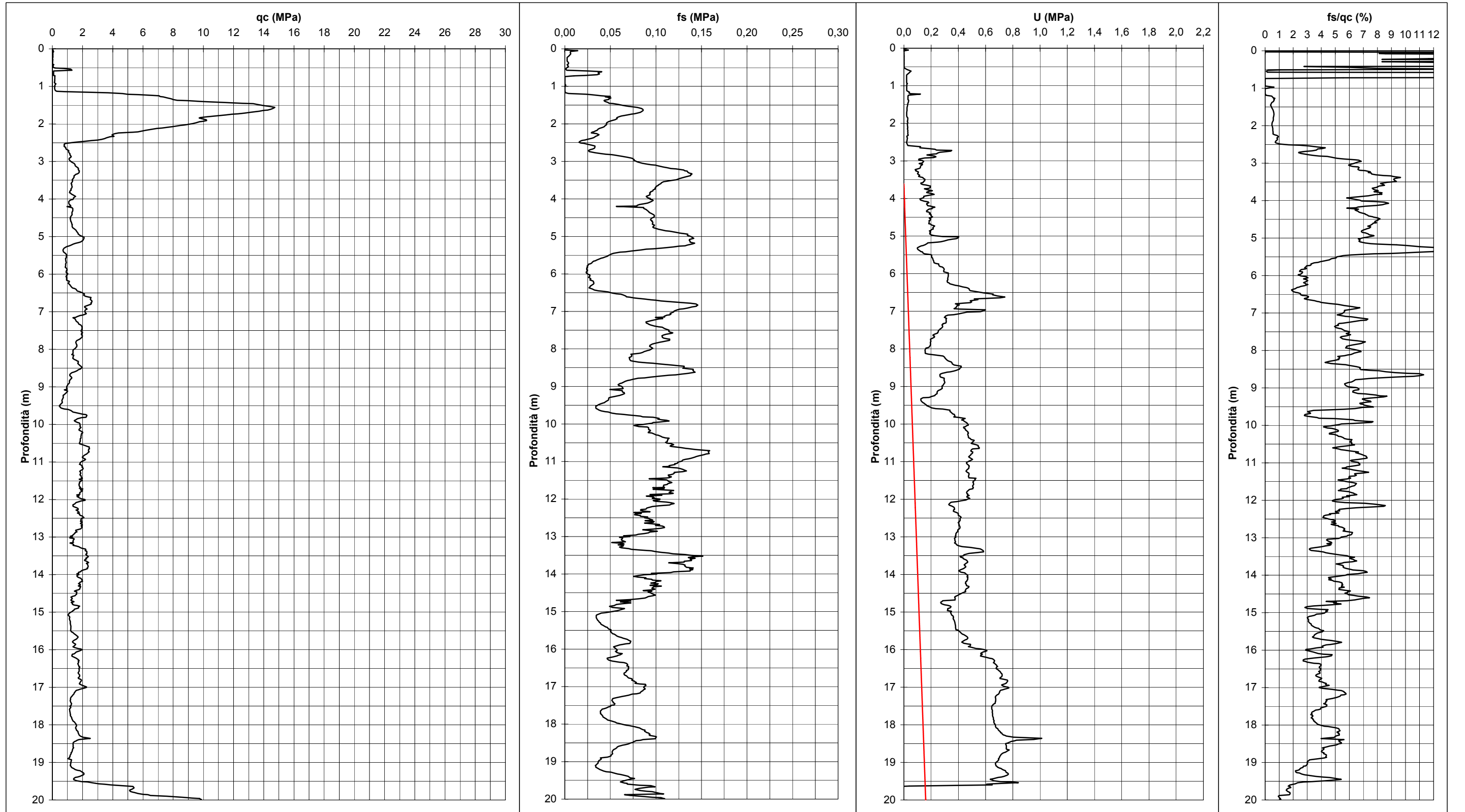
CANTIERE: TERZA CORSIA A22, TRATTO VERONA - MODENA

PROVA N°: CPT 9      DATA PROVA: 21/03/2007      OPERATORE: P.I. E. CALORE

Punta	M 18	Quota p.c.:	-	m.s.l.m.	Coordinate X	-	Y	-
Preforo	-	m	Livello acqua	3.60	m da p.c.	Profondità finale	25,00	m da p.c.

NOTE: -

VICENZETTO S.r.l. 35040 VILLA ESTENSE (PD) VIA MUNICIPIO N° 18 TEL. 0429/91798 FAX 0429/91200





# PROVA PENETROMETRICA STATICA

secondo Raccomandazioni AGI (1977)

Data	apr-07	Certificato N°	C01475	COMM.	004CM07	PAG.	2	DI	2	Verbale di accettazione
Sperimentatore	P. I. E. Calore			Il Direttore	Dott. Geol. V. Vicenzetto			C004/07		

COMMITTENTE: AUTOSTRADA DEL BRENNERO S. p. A.

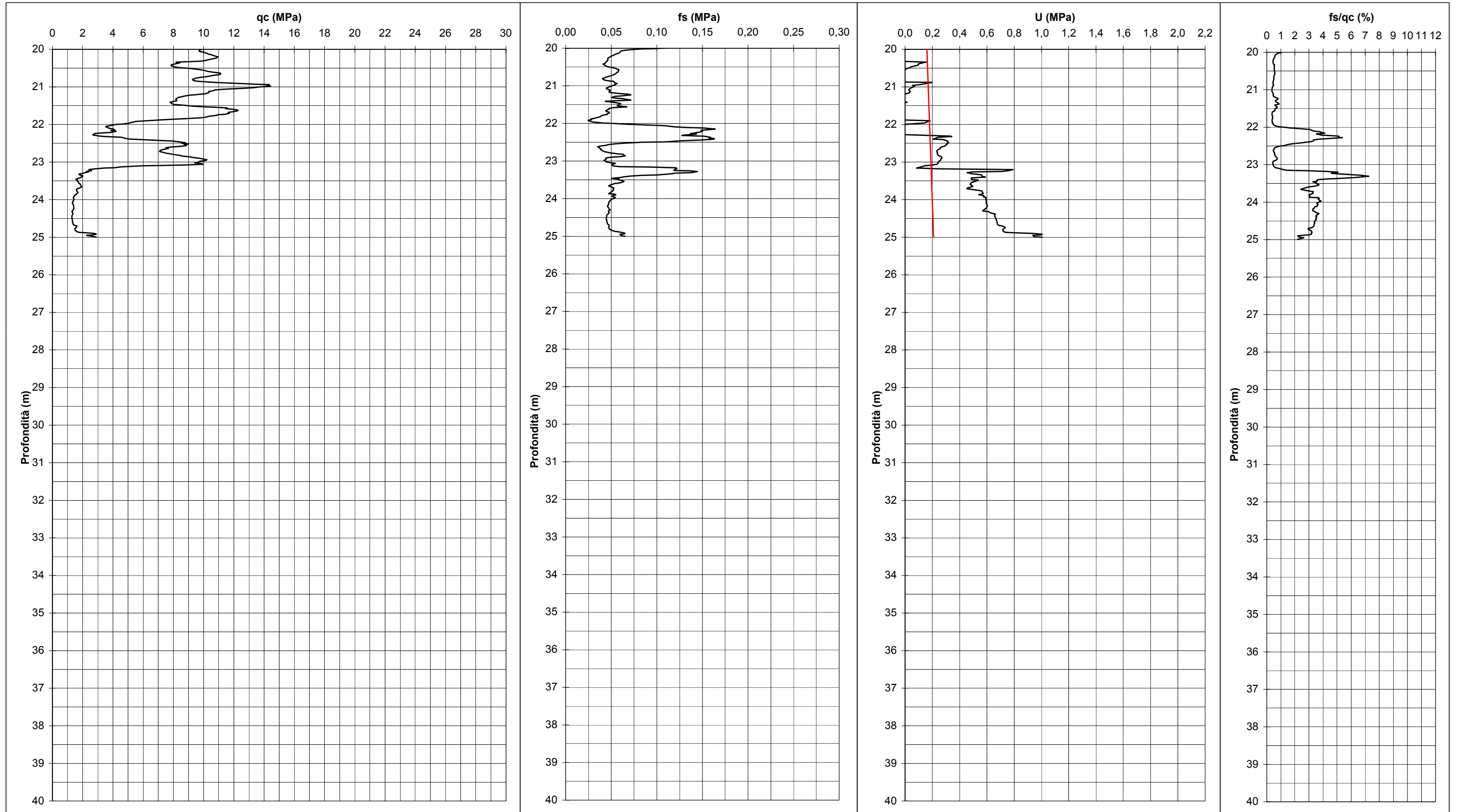
CANTIERE: TERZA CORSIA A22, TRATTO VERONA - MODENA

PROVA N°: CPT 9      DATA PROVA: 21/03/2007      OPERATORE: P.I. E. CALORE

Punta	M 18	Quota p.c.:	-	m.s.l.m.	Coordinate X	-	Y	-
Preforo	-	m	Livello acqua	3.60	m da p.c.	Profondità finale	25,00	m da p.c.

NOTE: -

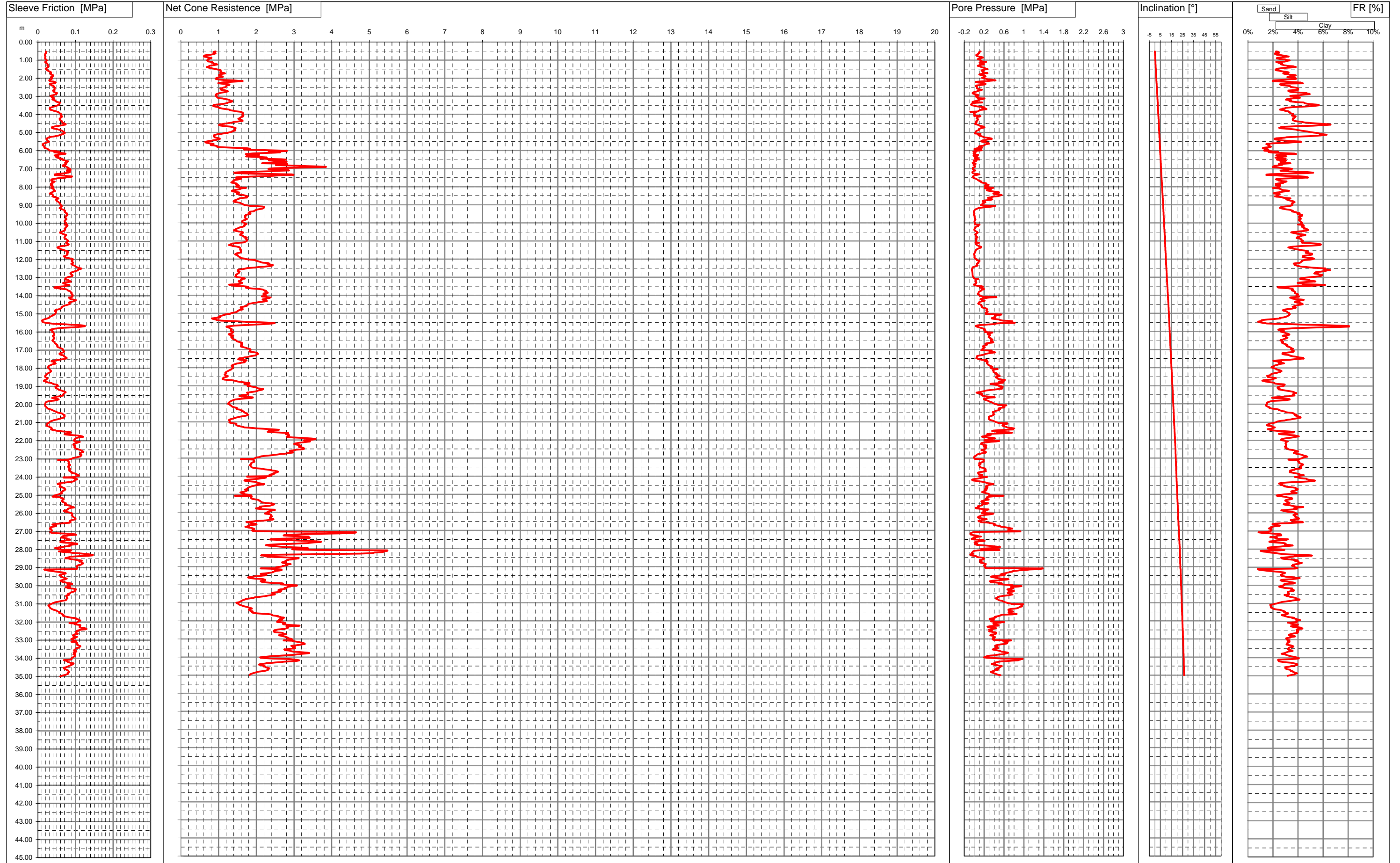
VICENZETTO S.r.l. 35040 VILLA ESTENSE (PD) VIA MUNICIPIO N° 18 TEL. 0429/91798 FAX 0429/91200



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località BUDRIONE  
 Cantiere SOVRAPASSO N° 130  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 97/2012  
 Data 14/03/12 Emesso il 15/03/12  
 Falda 1.60 ml  
 Preforo 0.50 m. p.c.

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.92	21.07	131.52
0.54	0.88	21.74	113.49
0.56	0.87	21.51	101.86
0.58	0.87	21.96	96.63
0.60	0.87	21.96	105.35
0.62	0.92	20.41	97.80
0.64	0.91	20.18	91.40
0.66	0.88	19.29	83.26
0.68	0.84	19.07	64.65
0.70	0.79	18.63	50.12
0.72	0.70	18.63	41.40
0.74	0.64	18.18	43.72
0.76	0.62	18.85	47.79
0.78	0.61	19.07	65.23
0.80	0.61	20.41	93.14
0.82	0.64	19.96	116.40
0.84	0.70	19.30	156.52
0.86	0.76	19.30	178.61
0.88	0.81	19.30	158.26
0.90	0.80	18.85	136.17
0.92	0.77	19.07	104.77
0.94	0.74	19.52	74.54
0.96	0.71	21.52	90.23
0.98	0.71	21.96	112.91
1.00	0.71	23.08	126.29
1.02	0.69	23.96	137.91
1.04	0.71	22.63	126.29
1.06	0.71	22.41	135.00
1.08	0.73	21.96	167.57
1.10	0.83	19.08	241.99
1.12	0.81	19.53	118.72
1.14	0.82	20.19	107.68
1.16	0.86	21.75	138.50
1.18	0.87	24.42	139.66
1.20	0.88	24.86	162.91
1.22	0.94	25.08	199.54
1.24	0.97	26.42	195.48
1.26	0.93	26.42	154.19
1.28	0.86	25.08	104.77
1.30	0.81	25.08	82.68
1.32	0.76	25.08	71.63
1.34	0.74	27.75	105.93
1.36	0.73	27.75	132.10
1.38	0.69	27.31	136.17
1.40	0.70	26.42	160.59
1.42	0.75	24.19	196.64
1.44	0.80	22.64	215.82
1.46	0.83	21.08	212.33
1.48	0.88	20.42	230.94
1.50	0.93	23.08	271.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.98	22.86	206.52
1.54	1.03	23.08	199.54
1.56	1.06	24.41	158.26
1.58	1.04	26.41	148.96
1.60	1.04	27.97	154.78
1.62	1.07	29.97	178.03
1.64	1.07	32.41	183.85
1.66	1.05	34.19	179.20
1.68	1.04	35.08	182.68
1.70	1.10	34.19	202.45
1.72	1.16	34.63	272.22
1.74	1.17	33.96	203.61
1.76	1.10	33.08	147.21
1.78	1.03	34.19	123.96
1.80	1.03	35.08	100.12
1.82	1.01	38.63	129.77
1.84	1.03	41.07	185.59
1.86	1.05	41.07	215.82
1.88	1.06	39.96	221.06
1.90	1.09	38.85	230.94
1.92	1.12	36.40	201.29
1.94	1.05	34.18	204.78
1.96	0.99	36.63	169.89
1.98	0.94	37.07	158.84
2.00	0.94	36.62	187.33
2.02	0.93	37.29	212.33
2.04	0.92	36.40	237.92
2.06	0.97	33.73	270.48
2.08	1.03	31.51	340.25
2.10	1.14	30.40	384.44
2.12	1.41	29.72	432.11
2.14	1.51	31.05	317.58
2.16	1.64	32.83	285.01
2.18	1.53	40.83	150.12
2.20	1.34	43.27	31.51
2.22	1.16	46.83	33.26
2.24	1.07	47.27	85.59
2.26	1.03	44.38	138.50
2.28	0.99	45.27	192.57
2.30	1.07	32.61	225.71
2.32	1.17	31.27	228.61
2.34	1.28	33.49	222.22
2.36	1.29	35.49	181.52
2.38	1.28	35.05	116.40
2.40	1.22	37.05	49.53
2.42	1.20	39.71	36.74
2.44	1.20	42.16	32.68
2.46	1.21	42.60	44.89
2.48	1.20	42.15	58.26
2.50	1.17	43.26	59.42

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.13	45.04	55.35
2.54	1.10	45.04	54.77
2.56	1.07	44.37	48.95
2.58	1.05	43.70	65.23
2.60	1.07	43.93	102.45
2.62	1.07	43.92	119.89
2.64	1.07	44.59	157.68
2.66	1.13	41.92	147.80
2.68	1.19	39.92	115.24
2.70	1.23	40.81	78.60
2.72	1.25	41.92	60.58
2.74	1.23	42.14	47.21
2.76	1.20	43.25	17.56
2.78	1.14	45.69	-12.10
2.80	1.08	48.58	-27.21
2.82	1.04	51.02	-27.80
2.84	1.00	49.91	-30.12
2.86	0.96	49.69	-12.10
2.88	0.94	48.80	17.56
2.90	0.95	45.24	36.16
2.92	0.94	42.13	72.79
2.94	0.92	39.01	87.33
2.96	0.95	35.24	68.72
2.98	0.95	33.01	25.11
3.00	0.93	35.45	29.19
3.02	0.96	35.90	33.84
3.04	0.96	39.01	55.35
3.06	0.97	41.45	87.33
3.08	0.98	42.34	84.42
3.10	1.00	42.56	68.72
3.12	1.11	38.98	209.43
3.14	1.14	39.65	180.94
3.16	1.21	38.32	167.57
3.18	1.25	38.98	106.51
3.20	1.28	42.32	83.26
3.22	1.29	46.32	94.30
3.24	1.32	45.87	62.91
3.26	1.36	46.32	41.40
3.28	1.37	47.65	4.19
3.30	1.35	50.76	-17.91
3.32	1.30	53.43	-35.35
3.34	1.25	58.52	162.91
3.36	1.24	58.30	36.16
3.38	1.22	57.86	-17.91
3.40	1.18	57.41	-42.33
3.42	1.12	57.41	-52.21
3.44	1.04	56.74	-52.80
3.46	0.94	55.63	-63.26
3.48	0.88	52.97	-59.19
3.50	0.86	51.63	-41.75

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova 2

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	0.86	48.74	-3.96
3.54	0.86	46.30	18.14
3.56	0.89	42.52	61.75
3.58	0.94	39.41	125.12
3.60	1.00	37.18	179.78
3.62	1.01	33.63	208.27
3.64	1.01	31.18	155.36
3.66	1.05	32.07	172.22
3.68	1.11	31.40	193.73
3.70	1.16	32.51	247.22
3.72	1.22	32.29	248.39
3.74	1.29	33.62	172.22
3.76	1.29	37.84	119.30
3.78	1.33	40.73	108.84
3.80	1.40	42.51	91.40
3.82	1.43	46.95	86.75
3.84	1.50	50.73	78.60
3.86	1.58	53.40	-81.11
3.88	1.61	55.84	41.98
3.90	1.63	56.28	21.05
3.92	1.64	57.84	2.44
3.94	1.65	58.72	-3.96
3.96	1.63	60.50	-5.12
3.98	1.63	61.61	12.32
4.00	1.63	61.17	-1.63
4.02	1.64	61.17	18.72
4.04	1.64	61.83	23.95
4.06	1.66	60.27	16.98
4.08	1.64	60.27	-1.05
4.10	1.62	64.48	129.19
4.12	1.64	64.04	101.86
4.14	1.62	62.93	73.96
4.16	1.59	62.04	64.07
4.18	1.58	60.70	61.75
4.20	1.57	59.81	58.26
4.22	1.57	58.03	47.21
4.24	1.52	57.36	54.77
4.26	1.53	57.81	75.12
4.28	1.57	58.03	82.10
4.30	1.59	58.70	73.38
4.32	1.62	60.25	65.23
4.34	1.63	62.25	62.33
4.36	1.64	63.36	50.70
4.38	1.56	63.58	41.98
4.40	1.49	64.69	42.56
4.42	1.41	64.47	51.28
4.44	1.38	64.69	39.65
4.46	1.33	66.69	39.65
4.48	1.28	68.91	35.00
4.50	1.21	70.69	26.86

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	1.15	73.13	16.98
4.54	1.08	74.02	32.68
4.56	1.03	72.46	50.12
4.58	1.01	67.79	77.44
4.60	1.01	62.68	90.23
4.62	1.05	57.35	103.61
4.64	1.13	50.90	129.77
4.66	1.22	44.23	162.33
4.68	1.32	39.34	189.66
4.70	1.36	36.90	194.31
4.72	1.39	37.34	208.85
4.74	1.45	36.89	176.87
4.76	1.46	38.45	139.66
4.78	1.43	43.34	115.82
4.80	1.42	49.56	106.51
4.82	1.42	53.56	93.14
4.84	1.43	57.11	106.51
4.86	1.44	59.56	97.21
4.88	1.44	62.22	83.84
4.90	1.43	64.45	61.16
4.92	1.39	65.56	44.30
4.94	1.36	67.78	36.16
4.96	1.36	69.33	33.26
4.98	1.32	69.33	29.19
5.00	1.28	70.89	25.11
5.02	1.23	71.77	22.21
5.04	1.18	70.44	17.56
5.06	1.11	68.00	15.81
5.08	1.06	64.21	131.52
5.10	0.97	62.88	86.75
5.12	0.92	61.55	78.60
5.14	0.91	57.99	95.47
5.16	0.87	53.99	88.49
5.18	0.88	49.55	105.93
5.20	0.87	44.88	137.91
5.22	0.87	38.66	165.24
5.24	0.88	33.55	179.78
5.26	0.91	28.88	196.06
5.28	0.91	27.32	224.55
5.30	0.95	25.99	282.10
5.32	1.00	23.32	328.04
5.34	1.03	22.43	354.20
5.36	1.03	22.43	353.04
5.38	1.01	22.65	307.69
5.40	0.97	23.77	266.99
5.42	0.91	24.21	219.31
5.44	0.85	25.10	171.05
5.46	0.80	26.43	147.21
5.48	0.73	28.65	141.40
5.50	0.68	29.99	145.47

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.64	28.43	183.85
5.54	0.65	24.21	230.36
5.56	0.66	21.54	265.83
5.58	0.71	18.43	282.10
5.60	0.77	15.32	296.06
5.62	0.84	13.54	301.30
5.64	0.87	12.88	265.83
5.66	0.84	13.77	216.40
5.68	0.78	13.54	211.17
5.70	0.80	13.10	208.27
5.72	0.87	14.43	205.94
5.74	0.95	15.99	161.17
5.76	0.97	17.54	104.19
5.78	0.95	17.77	94.89
5.80	0.97	17.77	113.49
5.82	1.09	16.65	129.77
5.84	1.37	17.54	162.33
5.86	1.62	19.32	97.21
5.88	1.77	23.77	55.35
5.90	1.84	25.77	18.72
5.92	1.72	27.10	3.02
5.94	1.68	27.77	16.40
5.96	1.94	29.54	108.26
5.98	2.34	30.43	150.70
6.00	2.64	34.88	101.86
6.02	2.82	45.77	41.40
6.04	2.68	54.21	0.11
6.06	2.33	57.32	-17.91
6.08	2.62	43.54	31.51
6.10	2.63	50.65	25.11
6.12	2.50	59.32	25.11
6.14	2.16	69.10	11.16
6.16	1.91	73.76	-11.51
6.18	1.79	71.76	-13.26
6.20	1.72	60.43	1.28
6.22	1.84	50.87	35.58
6.24	2.08	49.54	81.51
6.26	1.92	44.20	18.14
6.28	1.81	51.76	-13.84
6.30	1.80	54.42	-6.28
6.32	1.73	54.64	11.74
6.34	1.86	48.20	26.86
6.36	2.09	50.86	48.37
6.38	2.28	50.86	75.70
6.40	2.26	54.20	44.30
6.42	2.22	60.64	11.16
6.44	2.10	65.53	38.49
6.46	2.29	59.08	68.14
6.48	2.67	66.42	97.21
6.50	2.79	65.75	84.42



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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova 2

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	2.58	69.30	35.58
6.54	2.33	73.30	-10.35
6.56	2.45	76.41	10.58
6.58	2.63	80.41	37.90
6.60	2.75	76.19	35.58
6.62	2.81	74.41	10.58
6.64	2.74	77.96	-2.21
6.66	2.49	71.96	-21.98
6.68	2.18	73.96	-30.70
6.70	2.15	75.74	-23.72
6.72	2.56	76.18	12.90
6.74	2.82	71.29	32.09
6.76	2.82	71.29	18.14
6.78	2.57	72.40	-10.35
6.80	2.52	65.95	-12.68
6.82	2.73	65.51	-1.05
6.84	3.08	65.95	11.16
6.86	3.33	72.84	17.56
6.88	3.64	75.73	22.79
6.90	3.85	77.28	21.05
6.92	3.62	79.50	5.93
6.94	3.13	79.06	-20.24
6.96	2.79	79.94	-27.80
6.98	2.50	84.17	-25.47
7.00	2.33	85.28	-24.89
7.02	2.32	77.94	-28.38
7.04	2.50	81.72	-18.49
7.06	2.65	87.27	-6.86
7.08	2.79	82.38	-8.02
7.10	2.87	76.38	25.70
7.12	2.61	78.83	1.28
7.14	2.39	81.49	-15.00
7.16	2.11	85.49	-27.80
7.18	1.75	84.83	-35.93
7.20	1.54	81.72	-38.84
7.22	1.41	77.72	-37.10
7.24	1.42	69.94	-28.96
7.26	1.61	59.72	-16.17
7.28	1.95	52.83	19.30
7.30	2.48	44.60	69.30
7.32	2.93	44.60	108.26
7.34	2.99	44.38	68.14
7.36	2.77	58.60	16.98
7.38	2.53	69.93	-2.80
7.40	2.41	81.27	-8.02
7.42	2.13	91.27	-21.40
7.44	1.82	88.38	-26.05
7.46	1.67	75.49	-28.38
7.48	1.47	73.93	-27.80
7.50	1.45	65.71	-19.65

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	1.48	53.04	-5.70
7.54	1.55	45.93	12.90
7.56	1.61	41.04	38.49
7.58	1.55	35.27	47.79
7.60	1.52	35.93	61.16
7.62	1.45	38.60	70.47
7.64	1.41	35.04	81.51
7.66	1.39	36.38	91.40
7.68	1.41	39.71	101.28
7.70	1.40	44.60	133.26
7.72	1.37	42.60	146.05
7.74	1.37	37.49	136.17
7.76	1.33	39.27	144.89
7.78	1.36	39.27	172.80
7.80	1.42	37.49	218.73
7.82	1.48	35.04	247.80
7.84	1.49	33.49	244.90
7.86	1.46	36.38	229.20
7.88	1.45	38.38	247.80
7.90	1.51	35.71	293.73
7.92	1.53	34.38	239.66
7.94	1.54	37.27	221.06
7.96	1.52	40.16	224.55
7.98	1.49	38.60	218.73
8.00	1.47	36.83	239.08
8.02	1.52	37.05	287.92
8.04	1.55	39.71	303.04
8.06	1.73	35.06	386.18
8.08	1.66	39.73	210.59
8.10	1.58	41.95	243.73
8.12	1.58	41.73	304.20
8.14	1.55	42.61	337.34
8.16	1.49	41.06	328.04
8.18	1.45	41.73	285.01
8.20	1.37	44.39	253.03
8.22	1.35	45.95	285.01
8.24	1.35	42.39	336.76
8.26	1.37	39.95	375.72
8.28	1.43	38.39	433.86
8.30	1.49	37.50	490.84
8.32	1.55	35.06	504.80
8.34	1.52	32.17	464.68
8.36	1.49	31.28	419.32
8.38	1.49	33.95	382.11
8.40	1.48	38.84	403.62
8.42	1.55	39.28	469.33
8.44	1.59	39.50	528.05
8.46	1.65	39.50	555.38
8.48	1.70	40.17	526.89
8.50	1.71	40.84	492.59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	1.75	38.61	492.59
8.54	1.78	41.06	406.53
8.56	1.73	46.61	357.11
8.58	1.73	49.95	350.71
8.60	1.75	50.39	293.15
8.62	1.65	54.61	276.29
8.64	1.55	54.39	321.64
8.66	1.55	49.72	327.46
8.68	1.53	47.95	346.65
8.70	1.49	47.50	365.83
8.72	1.47	48.61	336.18
8.74	1.46	49.28	283.85
8.76	1.42	49.95	218.15
8.78	1.41	51.50	185.59
8.80	1.40	52.39	169.31
8.82	1.41	53.95	179.20
8.84	1.43	55.28	203.61
8.86	1.48	56.17	225.71
8.88	1.55	56.83	207.10
8.90	1.58	58.61	182.68
8.92	1.59	59.05	177.45
8.94	1.61	58.39	172.22
8.96	1.64	59.27	168.73
8.98	1.64	60.16	151.87
9.00	1.68	61.72	139.66
9.02	1.71	62.83	135.00
9.04	1.77	62.83	156.52
9.06	1.85	63.50	423.98
9.08	2.03	63.27	393.16
9.10	2.18	61.50	354.79
9.12	2.21	59.72	289.67
9.14	2.21	58.16	208.27
9.16	2.20	57.27	128.61
9.18	2.20	59.27	89.65
9.20	2.18	61.50	68.14
9.22	2.14	63.05	56.51
9.24	2.09	66.38	36.16
9.26	2.02	68.38	23.95
9.28	1.99	70.61	16.98
9.30	1.99	71.72	8.25
9.32	1.95	72.38	0.11
9.34	1.95	71.27	-0.47
9.36	1.93	70.61	2.44
9.38	1.85	71.49	-5.70
9.40	1.82	72.83	-8.02
9.42	1.84	73.27	-2.21
9.44	1.79	75.71	-8.02
9.46	1.79	77.49	-1.05
9.48	1.85	76.38	7.09
9.50	1.85	76.38	5.93

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.83	76.83	-1.63
9.54	1.75	78.82	-7.44
9.56	1.73	76.38	-7.44
9.58	1.73	75.04	-2.21
9.60	1.69	76.38	1.28
9.62	1.70	73.71	12.90
9.64	1.71	72.38	9.42
9.66	1.71	73.26	10.00
9.68	1.70	73.26	6.51
9.70	1.69	73.93	10.58
9.72	1.70	72.82	14.07
9.74	1.71	73.71	10.00
9.76	1.72	76.15	12.90
9.78	1.76	75.48	23.37
9.80	1.72	75.26	28.60
9.82	1.72	72.82	25.11
9.84	1.70	71.93	19.30
9.86	1.67	71.48	15.23
9.88	1.63	70.59	9.42
9.90	1.62	70.81	8.25
9.92	1.62	71.26	5.35
9.94	1.62	72.37	8.83
9.96	1.63	73.26	11.16
9.98	1.66	74.81	12.90
10.00	1.69	75.03	13.49
10.02	1.70	75.03	16.40
10.04	1.70	76.59	17.56
10.06	1.74	76.36	16.40
10.08	1.70	70.59	14.07
10.10	1.71	78.82	109.42
10.12	1.69	78.82	86.17
10.14	1.67	77.93	69.30
10.16	1.69	77.70	76.28
10.18	1.67	75.48	81.51
10.20	1.67	74.82	53.60
10.22	1.63	75.26	33.26
10.24	1.57	74.37	18.72
10.26	1.55	72.81	22.21
10.28	1.53	71.26	25.70
10.30	1.51	70.37	18.72
10.32	1.47	72.59	12.90
10.34	1.46	72.37	7.09
10.36	1.45	71.70	2.44
10.38	1.42	71.70	4.19
10.40	1.42	70.14	5.93
10.42	1.41	69.26	12.32
10.44	1.45	66.59	22.21
10.46	1.50	63.48	34.42
10.48	1.55	61.70	50.70
10.50	1.62	58.59	61.16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	1.64	58.59	68.72
10.54	1.65	61.92	73.38
10.56	1.63	63.48	62.33
10.58	1.62	65.48	50.70
10.60	1.60	68.14	36.16
10.62	1.58	71.70	26.86
10.64	1.58	74.81	18.72
10.66	1.57	75.48	25.70
10.68	1.60	74.14	32.09
10.70	1.64	71.92	35.00
10.72	1.64	72.59	40.23
10.74	1.65	71.70	41.98
10.76	1.66	71.25	44.89
10.78	1.72	70.14	58.26
10.80	1.72	70.59	68.72
10.82	1.75	70.59	55.93
10.84	1.71	71.92	32.68
10.86	1.71	73.70	28.60
10.88	1.72	76.14	41.98
10.90	1.74	76.58	50.70
10.92	1.75	77.47	32.68
10.94	1.76	79.03	28.60
10.96	1.76	80.36	44.89
10.98	1.75	80.58	40.81
11.00	1.74	79.02	43.14
11.02	1.74	77.25	46.63
11.04	1.71	77.69	44.89
11.06	1.70	77.25	39.07
11.08	1.65	74.36	24.53
11.10	1.53	77.48	101.28
11.12	1.45	79.26	54.19
11.14	1.36	81.26	29.77
11.16	1.34	81.92	29.19
11.18	1.32	81.70	35.00
11.20	1.30	79.92	42.56
11.22	1.28	76.59	51.28
11.24	1.32	70.59	68.14
11.26	1.35	62.59	79.19
11.28	1.38	58.14	97.80
11.30	1.46	54.14	117.56
11.32	1.50	52.81	139.08
11.34	1.55	51.48	140.24
11.36	1.55	52.81	139.66
11.38	1.57	54.81	118.72
11.40	1.58	57.92	97.21
11.42	1.58	60.37	83.84
11.44	1.58	62.14	64.65
11.46	1.57	65.92	53.02
11.48	1.59	69.03	46.63
11.50	1.59	71.70	35.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	1.58	75.26	28.02
11.54	1.59	77.92	25.11
11.56	1.59	79.48	28.02
11.58	1.60	80.59	26.28
11.60	1.59	80.14	20.46
11.62	1.58	79.03	21.63
11.64	1.59	76.81	21.63
11.66	1.52	77.25	11.74
11.68	1.48	79.25	4.19
11.70	1.47	79.47	0.11
11.72	1.47	78.14	-2.80
11.74	1.44	77.47	-3.38
11.76	1.46	76.81	-1.05
11.78	1.50	75.25	3.60
11.80	1.51	71.70	10.58
11.82	1.51	69.03	8.83
11.84	1.52	69.92	10.58
11.86	1.53	70.36	10.00
11.88	1.57	71.25	5.35
11.90	1.57	74.80	4.19
11.92	1.57	80.36	7.09
11.94	1.59	86.36	14.65
11.96	1.64	91.69	22.21
11.98	1.71	92.80	32.09
12.00	1.72	93.47	33.84
12.02	1.78	92.14	45.47
12.04	1.90	90.36	55.93
12.06	1.98	90.80	56.51
12.08	1.98	89.26	107.68
12.10	2.01	91.03	101.86
12.12	2.05	91.70	106.51
12.14	2.08	92.37	97.21
12.16	2.11	92.81	87.33
12.18	2.13	93.48	80.93
12.20	2.18	92.59	82.68
12.22	2.31	90.36	87.91
12.24	2.34	88.59	72.79
12.26	2.32	89.92	57.10
12.28	2.30	90.81	55.35
12.30	2.37	91.47	60.00
12.32	2.44	94.81	62.91
12.34	2.44	98.59	66.98
12.36	2.42	99.47	69.30
12.38	2.37	100.14	43.14
12.40	2.30	101.47	26.28
12.42	2.18	103.03	7.67
12.44	2.06	105.91	-16.75
12.46	2.00	109.47	-30.12
12.48	1.88	112.36	-35.93
12.50	1.76	116.13	-35.35

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova 2

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.72	113.47	-35.93
12.54	1.68	108.58	-39.42
12.56	1.62	105.91	-44.08
12.58	1.53	106.80	-44.66
12.60	1.52	106.79	-42.33
12.62	1.53	102.57	-42.33
12.64	1.51	99.68	-41.17
12.66	1.51	96.57	-40.59
12.68	1.53	94.13	-38.26
12.70	1.56	90.35	-36.51
12.72	1.54	87.24	-36.51
12.74	1.53	86.35	-35.35
12.76	1.53	86.35	-33.61
12.78	1.54	85.90	-33.61
12.80	1.51	87.46	-33.03
12.82	1.49	89.68	-31.87
12.84	1.49	90.13	-31.87
12.86	1.46	92.13	-31.28
12.88	1.47	92.35	-30.70
12.90	1.46	91.68	-29.54
12.92	1.46	90.35	-28.38
12.94	1.45	86.57	-27.80
12.96	1.44	81.91	-24.89
12.98	1.47	78.57	-19.65
13.00	1.50	76.35	-17.91
13.02	1.57	74.13	-11.51
13.04	1.64	72.57	-9.77
13.06	1.68	73.24	-2.80
13.08	1.70	73.90	-1.05
13.10	1.61	71.50	83.26
13.12	1.61	77.50	47.79
13.14	1.59	81.50	33.26
13.16	1.61	82.61	33.26
13.18	1.60	85.05	33.84
13.20	1.56	86.16	25.11
13.22	1.53	87.50	23.95
13.24	1.53	82.39	27.44
13.26	1.54	73.05	36.74
13.28	1.58	68.16	47.21
13.30	1.61	66.38	37.90
13.32	1.63	68.38	36.16
13.34	1.59	72.38	39.65
13.36	1.59	72.38	31.51
13.38	1.51	77.27	14.07
13.40	1.37	83.04	-4.54
13.42	1.28	84.16	-3.38
13.44	1.29	76.82	4.77
13.46	1.35	72.82	23.95
13.48	1.48	68.16	80.93
13.50	1.65	57.04	144.89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.76	48.38	177.45
13.54	1.78	43.26	172.22
13.56	1.79	44.37	137.91
13.58	1.72	50.82	121.05
13.60	1.77	59.26	157.68
13.62	1.88	65.49	164.08
13.64	2.00	74.15	191.99
13.66	2.08	78.15	200.70
13.68	2.17	79.04	186.17
13.70	2.19	79.48	151.87
13.72	2.20	80.37	148.96
13.74	2.23	83.48	136.17
13.76	2.27	86.37	135.00
13.78	2.23	86.82	113.49
13.80	2.24	87.26	107.10
13.82	2.26	87.93	96.05
13.84	2.30	90.15	87.91
13.86	2.31	89.92	86.17
13.88	2.26	88.37	87.91
13.90	2.20	89.70	81.51
13.92	2.19	90.81	70.47
13.94	2.19	91.26	78.60
13.96	2.23	92.81	89.65
13.98	2.25	92.59	104.77
14.00	2.26	91.03	115.82
14.02	2.26	91.70	105.35
14.04	2.22	92.36	130.35
14.06	2.14	91.25	162.33
14.08	2.20	88.58	166.40
14.10	2.31	81.70	448.40
14.12	2.38	83.03	332.69
14.14	2.35	86.14	269.31
14.16	2.34	85.25	235.01
14.18	2.29	85.92	171.63
14.20	2.23	91.70	136.17
14.22	2.18	97.03	125.70
14.24	2.16	101.03	144.89
14.26	2.25	99.03	167.57
14.28	2.26	97.47	179.78
14.30	2.26	97.70	213.50
14.32	2.28	90.81	190.24
14.34	2.22	86.59	145.47
14.36	2.14	83.69	119.30
14.38	2.08	82.80	102.45
14.40	2.01	84.36	95.47
14.42	1.95	85.02	95.47
14.44	1.89	85.25	89.65
14.46	1.84	83.69	80.93
14.48	1.78	81.47	93.14
14.50	1.78	78.80	118.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.77	74.80	131.52
14.54	1.77	71.91	141.40
14.56	1.77	69.02	140.24
14.58	1.75	66.80	146.05
14.60	1.69	65.24	155.94
14.62	1.69	62.58	164.66
14.64	1.64	62.80	149.54
14.66	1.58	63.02	153.03
14.68	1.58	62.58	173.96
14.70	1.62	61.02	199.54
14.72	1.59	59.46	236.76
14.74	1.62	55.46	249.55
14.76	1.64	51.91	255.36
14.78	1.64	48.13	268.73
14.80	1.59	45.91	252.45
14.82	1.54	45.02	242.57
14.84	1.54	44.80	245.48
14.86	1.52	46.80	247.22
14.88	1.50	48.36	258.85
14.90	1.50	48.13	275.71
14.92	1.48	47.91	270.48
14.94	1.44	47.24	248.39
14.96	1.39	47.02	237.92
14.98	1.35	45.91	230.94
15.00	1.32	45.47	233.27
15.02	1.31	44.36	233.27
15.04	1.26	43.69	235.59
15.06	1.16	39.71	550.15
15.08	1.17	39.71	509.45
15.10	1.13	38.15	475.72
15.12	1.09	35.93	446.65
15.14	1.05	33.93	425.14
15.16	1.03	32.60	413.51
15.18	1.00	30.82	405.95
15.20	1.01	29.71	426.30
15.22	1.04	28.60	424.56
15.24	1.01	26.15	418.74
15.26	0.89	23.71	353.04
15.28	0.82	19.93	351.88
15.30	0.84	17.27	385.02
15.32	0.88	14.38	441.42
15.34	0.92	12.82	487.35
15.36	0.94	10.38	514.68
15.38	0.99	10.60	532.70
15.40	1.06	11.93	579.80
15.42	1.24	11.93	711.20
15.44	1.46	11.71	768.76
15.46	1.65	13.94	762.37
15.48	1.91	17.94	728.64
15.50	2.18	25.05	758.88

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	2.36	31.49	819.93
15.54	2.49	37.72	555.38
15.56	2.42	57.27	444.90
15.58	2.32	76.83	427.46
15.60	2.17	96.38	375.72
15.62	1.97	109.94	256.52
15.64	1.76	119.94	151.87
15.66	1.59	125.27	73.38
15.68	1.43	125.27	44.30
15.70	1.34	117.27	30.93
15.72	1.23	108.16	38.49
15.74	1.21	92.61	59.42
15.76	1.23	74.38	85.00
15.78	1.27	60.82	107.10
15.80	1.28	50.82	132.68
15.82	1.29	43.71	154.78
15.84	1.32	37.71	177.45
15.86	1.34	35.04	203.03
15.88	1.35	33.48	218.73
15.90	1.34	33.48	209.43
15.92	1.33	37.04	201.29
15.94	1.32	38.59	204.20
15.96	1.32	39.26	214.66
15.98	1.33	39.26	227.45
16.00	1.39	37.48	241.99
16.02	1.39	39.70	234.43
16.04	1.39	41.26	217.57
16.06	1.37	41.93	367.58
16.08	1.37	43.04	339.09
16.10	1.33	43.49	311.18
16.12	1.30	43.49	301.30
16.14	1.28	43.49	268.15
16.16	1.27	43.49	272.22
16.18	1.28	41.93	298.39
16.20	1.33	39.93	321.06
16.22	1.39	39.49	320.48
16.24	1.39	41.04	304.20
16.26	1.36	41.93	306.53
16.28	1.33	41.27	297.22
16.30	1.33	41.71	289.67
16.32	1.33	43.49	290.25
16.34	1.36	43.71	301.30
16.36	1.37	43.49	329.79
16.38	1.36	41.93	336.76
16.40	1.37	40.82	328.62
16.42	1.39	40.16	328.04
16.44	1.41	39.49	364.09
16.46	1.44	38.38	367.58
16.48	1.45	38.82	362.34
16.50	1.47	39.93	344.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.48	41.04	336.18
16.54	1.48	42.60	332.11
16.56	1.51	43.71	348.39
16.58	1.54	44.38	381.53
16.60	1.60	44.60	387.35
16.62	1.61	45.04	355.95
16.64	1.63	46.60	288.50
16.66	1.61	48.16	242.57
16.68	1.60	49.27	222.80
16.70	1.60	50.38	246.06
16.72	1.61	51.71	266.41
16.74	1.63	51.05	249.55
16.76	1.61	52.38	224.55
16.78	1.60	52.16	215.24
16.80	1.60	51.05	191.99
16.82	1.59	51.94	174.54
16.84	1.60	54.38	185.59
16.86	1.64	57.04	205.36
16.88	1.67	59.49	216.40
16.90	1.72	60.82	200.12
16.92	1.75	63.93	183.85
16.94	1.76	65.71	166.40
16.96	1.81	66.60	177.45
16.98	1.85	65.71	172.80
17.00	1.85	67.04	173.38
17.02	1.85	67.71	152.45
17.04	1.84	68.38	141.40
17.06	1.84	69.94	354.20
17.08	1.85	68.16	333.27
17.10	1.81	68.16	309.43
17.12	1.83	67.94	351.30
17.14	1.90	63.94	396.65
17.16	1.97	60.60	421.07
17.18	2.02	57.27	347.23
17.20	2.03	58.16	312.34
17.22	2.03	57.27	258.27
17.24	2.05	59.04	229.20
17.26	2.03	61.93	215.24
17.28	2.01	66.38	196.64
17.30	2.00	69.27	168.15
17.32	2.00	69.27	123.38
17.34	1.93	69.27	87.91
17.36	1.88	70.60	64.65
17.38	1.82	72.82	50.70
17.40	1.79	74.82	51.28
17.42	1.77	75.04	54.19
17.44	1.67	76.82	51.86
17.46	1.66	73.93	50.12
17.48	1.55	72.37	41.98
17.50	1.58	65.71	61.75

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.53	58.60	80.35
17.54	1.52	52.82	104.77
17.56	1.57	47.04	151.29
17.58	1.66	41.70	226.87
17.60	1.74	35.93	259.43
17.62	1.72	35.93	226.29
17.64	1.69	42.37	216.40
17.66	1.67	45.48	251.87
17.68	1.70	42.37	274.55
17.70	1.69	42.59	271.64
17.72	1.64	45.70	268.15
17.74	1.59	47.26	253.62
17.76	1.53	43.04	254.78
17.78	1.47	38.37	263.50
17.80	1.45	36.15	268.15
17.82	1.42	35.04	278.04
17.84	1.40	32.37	278.04
17.86	1.36	30.15	293.73
17.88	1.35	28.60	304.78
17.90	1.34	28.15	320.48
17.92	1.35	27.04	339.09
17.94	1.37	26.60	358.28
17.96	1.39	26.37	369.90
17.98	1.39	27.48	360.60
18.00	1.39	28.15	337.34
18.02	1.37	29.71	333.27
18.04	1.36	30.37	351.88
18.06	1.34	31.04	363.50
18.08	1.35	31.50	475.14
18.10	1.34	32.61	417.58
18.12	1.31	33.94	400.14
18.14	1.30	34.61	386.76
18.16	1.27	35.05	377.46
18.18	1.25	34.39	387.35
18.20	1.24	33.27	386.76
18.22	1.22	32.39	389.67
18.24	1.21	30.16	387.35
18.26	1.19	28.39	400.14
18.28	1.18	26.39	415.83
18.30	1.19	25.27	437.35
18.32	1.21	23.72	455.95
18.34	1.19	22.39	453.05
18.36	1.18	22.16	442.58
18.38	1.15	21.50	438.51
18.40	1.17	20.39	460.60
18.42	1.18	19.28	488.51
18.44	1.21	18.61	509.45
18.46	1.24	19.72	512.35
18.48	1.24	19.72	499.56
18.50	1.23	19.94	458.28

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.19	22.39	435.02
18.54	1.16	24.61	431.53
18.56	1.12	25.72	450.72
18.58	1.12	24.61	467.00
18.60	1.12	23.28	472.23
18.62	1.10	22.61	480.38
18.64	1.10	20.84	508.28
18.66	1.16	17.72	563.52
18.68	1.24	15.50	617.59
18.70	1.35	15.50	603.06
18.72	1.42	18.84	608.29
18.74	1.47	20.17	560.61
18.76	1.49	23.50	520.49
18.78	1.55	27.06	500.72
18.80	1.60	32.39	541.42
18.82	1.70	36.17	586.78
18.84	1.77	38.62	572.82
18.86	1.82	39.95	492.59
18.88	1.78	43.28	362.92
18.90	1.68	49.06	326.30
18.92	1.71	51.95	389.67
18.94	1.76	51.06	400.72
18.96	1.78	52.84	455.95
18.98	1.82	53.51	500.72
19.00	1.84	53.95	485.02
19.02	1.77	45.95	540.84
19.04	1.84	46.62	535.61
19.06	1.92	47.06	575.15
19.08	1.97	47.51	573.99
19.10	2.01	48.39	536.77
19.12	2.02	51.06	531.54
19.14	2.04	53.06	544.33
19.16	2.11	53.95	562.94
19.18	2.18	54.39	514.10
19.20	2.18	58.17	443.74
19.22	2.16	61.50	376.88
19.24	2.11	64.39	318.74
19.26	2.06	67.06	250.71
19.28	2.04	69.95	221.64
19.30	2.01	72.39	201.87
19.32	1.97	73.95	164.66
19.34	1.90	72.39	130.93
19.36	1.83	70.83	85.00
19.38	1.75	70.39	46.63
19.40	1.77	69.05	68.14
19.42	1.78	67.72	105.35
19.44	1.77	67.05	147.80
19.46	1.78	65.94	162.91
19.48	1.77	65.72	131.52
19.50	1.75	67.49	158.26

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.65	63.94	148.38
19.54	1.60	57.72	160.00
19.56	1.55	51.94	166.99
19.58	1.55	46.83	227.45
19.60	1.64	43.49	291.99
19.62	1.77	38.82	378.04
19.64	1.91	37.27	417.58
19.66	1.91	41.71	321.64
19.68	1.87	49.49	274.55
19.70	1.73	53.93	234.43
19.72	1.61	55.27	210.01
19.74	1.52	52.38	191.99
19.76	1.45	48.16	198.38
19.78	1.41	43.49	221.06
19.80	1.39	35.71	245.48
19.82	1.36	27.27	267.57
19.84	1.33	24.60	287.92
19.86	1.32	23.27	299.55
19.88	1.30	21.49	311.18
19.90	1.29	20.38	333.85
19.92	1.28	19.93	360.02
19.94	1.27	19.93	371.65
19.96	1.27	19.27	380.95
19.98	1.25	19.27	392.58
20.00	1.25	19.27	418.16
20.02	1.27	18.82	443.16
20.04	1.29	18.83	467.00
20.06	1.30	19.05	480.38
20.08	1.31	19.06	648.40
20.10	1.33	20.39	622.82
20.12	1.34	20.84	598.99
20.14	1.35	21.72	577.47
20.16	1.36	23.28	585.61
20.18	1.40	24.84	609.45
20.20	1.43	25.28	607.70
20.22	1.48	25.95	543.17
20.24	1.48	28.84	508.28
20.26	1.47	32.17	487.35
20.28	1.47	35.28	502.47
20.30	1.49	37.73	522.24
20.32	1.56	39.28	514.10
20.34	1.58	41.06	493.17
20.36	1.61	44.39	482.12
20.38	1.64	45.73	446.07
20.40	1.61	48.39	432.70
20.42	1.65	50.61	412.93
20.44	1.68	51.95	383.28
20.46	1.68	55.95	372.81
20.48	1.68	61.06	390.25
20.50	1.71	65.06	382.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.73	65.50	384.44
20.54	1.75	67.06	392.00
20.56	1.76	69.06	394.90
20.58	1.78	71.50	406.53
20.60	1.79	69.50	391.41
20.62	1.78	69.28	377.46
20.64	1.75	70.39	379.20
20.66	1.72	71.28	353.04
20.68	1.66	70.39	329.20
20.70	1.60	69.50	306.53
20.72	1.56	68.16	292.57
20.74	1.51	66.38	294.32
20.76	1.47	62.16	293.73
20.78	1.45	59.27	302.46
20.80	1.40	54.38	296.06
20.82	1.37	50.83	293.15
20.84	1.34	47.27	294.32
20.86	1.30	43.05	304.78
20.88	1.29	39.94	307.69
20.90	1.27	38.16	325.13
20.92	1.28	34.83	361.18
20.94	1.29	32.38	385.02
20.96	1.30	31.27	397.81
20.98	1.30	30.16	414.67
21.00	1.29	29.49	430.95
21.02	1.28	28.16	446.65
21.04	1.29	25.94	471.07
21.06	1.34	25.94	497.82
21.08	1.41	23.28	668.18
21.10	1.47	24.84	631.55
21.12	1.47	25.28	655.97
21.14	1.45	23.50	579.22
21.16	1.47	22.39	601.89
21.18	1.47	23.50	570.50
21.20	1.48	27.28	567.00
21.22	1.52	29.95	578.63
21.24	1.56	31.06	601.31
21.26	1.61	32.84	624.57
21.28	1.66	36.39	647.82
21.30	1.68	35.95	662.94
21.32	1.80	35.28	684.46
21.34	1.91	37.50	752.48
21.36	2.02	36.39	806.56
21.38	2.19	34.84	750.16
21.40	2.35	39.95	749.58
21.42	2.49	45.95	786.79
21.44	2.60	48.17	637.36
21.46	2.54	57.06	495.49
21.48	2.44	65.73	393.16
21.50	2.33	77.73	358.86

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	2.32	85.28	413.51
21.54	2.30	87.73	453.63
21.56	2.32	87.28	555.96
21.58	2.52	83.50	692.60
21.60	2.73	78.84	758.30
21.62	2.85	74.17	692.01
21.64	2.81	70.61	457.70
21.66	2.79	75.72	288.50
21.68	2.79	87.72	260.60
21.70	2.86	99.05	335.60
21.72	2.85	110.61	336.18
21.74	2.87	114.61	269.31
21.76	2.85	117.94	225.13
21.78	2.85	120.83	223.38
21.80	2.84	113.71	179.78
21.82	2.80	107.27	153.61
21.84	2.86	103.71	215.24
21.86	2.95	100.82	283.27
21.88	3.20	100.16	375.72
21.90	3.32	98.38	408.86
21.92	3.45	98.15	422.81
21.94	3.57	97.48	351.30
21.96	3.57	96.15	289.09
21.98	3.48	95.26	249.55
22.00	3.36	95.92	216.40
22.02	3.26	98.81	205.94
22.04	3.33	102.59	249.55
22.06	3.40	111.70	503.05
22.08	3.43	108.81	437.35
22.10	3.36	105.70	336.18
22.12	3.26	102.14	273.39
22.14	3.19	98.81	219.31
22.16	3.13	96.36	164.66
22.18	3.07	95.25	141.40
22.20	3.02	94.14	136.17
22.22	3.00	93.70	136.17
22.24	3.02	95.69	151.87
22.26	3.09	97.03	185.59
22.28	3.14	98.36	209.43
22.30	3.16	99.69	244.31
22.32	3.16	97.47	232.69
22.34	3.18	96.36	214.08
22.36	3.15	97.02	194.31
22.38	3.13	98.14	222.22
22.40	3.14	100.13	243.73
22.42	3.24	99.47	239.08
22.44	3.25	103.02	239.66
22.46	3.27	105.91	233.27
22.48	3.27	109.24	227.45
22.50	3.26	111.02	215.24

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	3.18	114.80	184.43
22.54	3.06	115.69	161.75
22.56	3.01	117.91	147.21
22.58	2.96	117.91	171.05
22.60	2.89	121.02	193.73
22.62	2.90	120.57	206.52
22.64	2.95	116.13	223.96
22.66	2.96	114.13	235.59
22.68	2.97	113.46	240.24
22.70	2.95	112.12	231.52
22.72	2.84	112.57	207.69
22.74	2.83	113.68	153.61
22.76	2.75	115.90	120.47
22.78	2.64	116.12	85.00
22.80	2.57	116.12	62.91
22.82	2.49	114.78	52.44
22.84	2.41	113.23	47.21
22.86	2.33	113.23	43.14
22.88	2.24	109.23	23.37
22.90	2.13	106.11	12.90
22.92	2.11	101.00	10.58
22.94	2.09	95.89	-1.63
22.96	2.03	92.11	-7.44
22.98	1.99	90.78	-5.70
23.00	1.97	87.44	10.00
23.02	1.97	84.11	9.42
23.04	1.92	81.22	11.74
23.06	1.59	53.01	108.84
23.08	1.92	80.12	195.48
23.10	1.93	81.23	191.40
23.12	1.94	80.12	194.89
23.14	1.93	80.35	189.08
23.16	1.93	81.90	186.75
23.18	1.95	83.01	196.06
23.20	1.95	82.57	193.15
23.22	1.94	81.46	165.24
23.24	1.90	81.46	149.54
23.26	1.89	81.68	121.05
23.28	1.86	81.46	98.38
23.30	1.85	83.01	105.93
23.32	1.86	85.46	130.35
23.34	1.86	86.12	128.03
23.36	1.86	83.46	114.08
23.38	1.83	81.46	97.21
23.40	1.82	81.90	94.89
23.42	1.85	80.57	100.70
23.44	1.85	79.90	110.59
23.46	1.85	82.35	111.75
23.48	1.86	83.01	121.05
23.50	1.87	82.35	115.82

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.88	83.90	137.33
23.54	1.93	85.90	183.85
23.56	1.99	85.01	200.12
23.58	2.10	82.79	225.13
23.60	2.18	83.01	223.96
23.62	2.22	86.12	229.20
23.64	2.31	85.01	233.27
23.66	2.40	83.46	207.10
23.68	2.40	86.35	208.27
23.70	2.47	87.46	226.29
23.72	2.53	90.12	239.08
23.74	2.57	88.57	214.66
23.76	2.58	89.01	158.26
23.78	2.55	92.79	104.77
23.80	2.52	97.68	80.93
23.82	2.49	99.46	83.84
23.84	2.45	102.57	80.93
23.86	2.45	104.35	81.51
23.88	2.47	107.01	87.33
23.90	2.39	105.23	105.93
23.92	2.35	109.68	157.10
23.94	2.39	106.12	163.50
23.96	2.40	102.56	135.00
23.98	2.36	100.56	115.24
24.00	2.34	97.45	98.38
24.02	1.75	67.69	162.91
24.04	2.22	92.58	260.60
24.06	2.25	94.58	215.82
24.08	2.26	99.47	175.70
24.10	2.22	103.25	128.61
24.12	2.13	104.80	98.38
24.14	2.06	101.91	54.77
24.16	1.98	99.02	0.11
24.18	1.87	97.47	-28.38
24.20	1.76	97.69	-43.50
24.22	1.69	95.91	-38.26
24.24	1.68	93.91	-18.49
24.26	1.70	90.36	32.09
24.28	1.81	83.46	87.33
24.30	1.90	73.69	142.56
24.32	2.00	64.58	185.01
24.34	2.02	58.35	218.15
24.36	2.02	54.13	245.48
24.38	2.06	52.13	250.71
24.40	2.11	55.46	315.25
24.42	2.16	60.35	375.13
24.44	2.21	59.02	392.58
24.46	2.19	59.02	358.28
24.48	2.07	59.69	304.78
24.50	2.00	60.58	285.01

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.95	57.91	252.45
24.54	1.92	57.69	243.15
24.56	1.88	60.36	235.59
24.58	1.86	65.47	245.48
24.60	1.81	68.80	271.06
24.62	1.80	71.25	266.41
24.64	1.78	70.80	243.73
24.66	1.77	71.47	232.69
24.68	1.76	73.02	245.48
24.70	1.76	73.02	259.43
24.72	1.76	69.91	216.99
24.74	1.70	68.80	207.69
24.76	1.71	67.69	228.03
24.78	1.76	65.03	244.31
24.80	1.75	64.36	236.18
24.82	1.74	62.14	212.92
24.84	1.71	61.47	195.48
24.86	1.68	62.58	169.89
24.88	1.62	63.47	158.84
24.90	1.58	63.91	180.94
24.92	1.60	61.47	216.99
24.94	1.63	56.80	233.85
24.96	1.63	54.80	272.22
24.98	1.68	50.36	291.99
25.00	1.71	46.58	301.30
25.02	1.76	43.47	300.13
25.04	1.82	42.36	312.34
25.06	1.87	44.58	299.55
25.08	1.43	38.61	590.26
25.10	1.87	53.94	462.35
25.12	1.88	59.28	371.65
25.14	1.87	60.17	306.53
25.16	1.87	63.50	258.27
25.18	1.87	66.83	256.52
25.20	1.85	67.94	263.50
25.22	1.87	67.72	246.06
25.24	1.88	68.39	233.85
25.26	1.90	65.72	251.87
25.28	1.96	64.16	287.34
25.30	2.03	63.05	291.99
25.32	2.07	63.05	233.27
25.34	2.07	64.61	191.40
25.36	2.09	66.38	201.29
25.38	2.11	66.61	150.70
25.40	2.11	69.27	141.40
25.42	2.13	71.49	149.54
25.44	2.14	73.72	154.78
25.46	2.18	75.27	205.94
25.48	2.26	74.38	278.62
25.50	2.35	73.05	287.34

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	2.45	71.71	279.20
25.54	2.47	73.27	180.94
25.56	2.48	78.82	153.61
25.58	2.44	83.93	169.89
25.60	2.41	86.15	162.33
25.62	2.39	89.04	155.36
25.64	2.34	91.04	98.38
25.66	2.22	95.26	75.70
25.68	2.08	96.60	99.54
25.70	2.10	89.71	98.38
25.72	2.13	83.48	90.82
25.74	2.12	81.04	80.35
25.76	2.06	79.26	29.19
25.78	1.98	81.04	43.72
25.80	2.03	78.15	104.77
25.82	2.13	75.70	197.22
25.84	2.30	73.92	291.41
25.86	2.49	68.14	278.04
25.88	2.49	71.26	224.55
25.90	2.42	72.59	193.15
25.92	2.38	74.14	183.26
25.94	2.36	78.59	186.17
25.96	2.30	84.81	206.52
25.98	2.30	89.03	228.03
26.00	2.34	91.03	196.64
26.02	2.30	91.26	151.29
26.04	2.26	91.26	151.29
26.06	2.22	91.04	388.51
26.08	2.26	91.48	379.20
26.10	2.34	90.82	351.30
26.12	2.39	89.71	292.57
26.14	2.39	91.48	223.38
26.16	2.39	92.37	180.94
26.18	2.39	92.82	135.00
26.20	2.39	94.59	125.70
26.22	2.42	94.59	104.77
26.24	2.41	97.26	90.82
26.26	2.39	98.37	80.35
26.28	2.36	99.48	73.96
26.30	2.37	99.92	91.40
26.32	2.36	100.59	110.00
26.34	2.36	98.81	160.00
26.36	2.42	93.70	214.08
26.38	2.46	89.03	254.78
26.40	2.44	86.14	209.43
26.42	2.37	85.92	169.31
26.44	2.25	83.92	128.61
26.46	2.14	83.92	86.75
26.48	2.01	87.25	85.59
26.50	1.90	86.81	98.96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.82	83.47	125.12
26.54	1.74	72.36	140.82
26.56	1.78	60.80	249.55
26.58	1.84	49.47	299.55
26.60	1.87	41.69	331.53
26.62	1.93	38.36	391.41
26.64	1.99	40.58	417.00
26.66	2.01	44.58	392.58
26.68	1.98	46.58	390.83
26.70	1.83	47.92	410.60
26.72	1.83	45.47	430.37
26.74	1.82	40.81	486.77
26.76	1.78	35.25	521.66
26.78	1.75	32.81	525.72
26.80	1.71	33.48	551.89
26.82	1.76	32.81	603.06
26.84	1.79	32.14	661.78
26.86	1.86	31.48	696.67
26.88	1.91	35.70	734.46
26.90	1.94	36.37	767.60
26.92	1.95	35.70	689.10
26.94	1.93	37.26	685.62
26.96	1.91	36.82	713.53
26.98	1.90	35.93	697.83
27.00	1.89	35.26	685.62
27.02	1.90	33.26	723.41
27.04	2.05	32.82	845.51
27.06	2.50	33.93	932.14
27.08	4.30	36.12	43.72
27.10	4.64	51.01	-20.24
27.12	4.63	71.23	-42.33
27.14	4.51	89.23	-60.94
27.16	4.23	98.79	-72.57
27.18	3.79	102.12	-74.89
27.20	3.37	90.12	-77.21
27.22	3.09	81.01	-74.31
27.24	2.82	77.24	-45.82
27.26	2.73	66.57	-13.84
27.28	2.72	64.35	46.05
27.30	2.84	64.57	61.16
27.32	3.12	64.35	92.56
27.34	3.39	61.01	137.33
27.36	3.38	70.79	47.21
27.38	3.25	77.23	-9.77
27.40	3.42	76.12	16.40
27.42	3.37	76.79	19.30
27.44	2.97	84.34	-26.63
27.46	2.60	85.90	-51.63
27.48	2.40	76.79	-49.89
27.50	2.36	73.90	0.70

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	2.55	66.56	136.17
27.54	2.87	62.56	187.33
27.56	3.11	61.67	193.15
27.58	3.38	59.45	212.92
27.60	3.59	61.90	101.86
27.62	3.72	73.67	72.79
27.64	3.71	88.56	21.63
27.66	3.53	101.45	8.25
27.68	3.45	104.78	18.72
27.70	3.36	104.56	37.32
27.72	3.13	95.90	40.81
27.74	2.92	88.34	65.23
27.76	2.60	82.56	13.49
27.78	2.45	86.12	25.70
27.80	2.29	84.79	58.84
27.82	2.25	78.12	154.19
27.84	2.33	70.12	258.85
27.86	2.43	65.23	330.95
27.88	2.57	57.01	411.77
27.90	2.65	49.01	471.65
27.92	2.76	45.45	520.49
27.94	3.09	49.45	505.96
27.96	3.33	53.23	484.44
27.98	3.37	54.79	335.02
28.00	3.20	65.45	201.29
28.02	2.96	81.01	140.24
28.04	2.95	88.79	170.47
28.06	3.08	86.12	329.79
28.08	3.61	83.90	510.03
28.10	5.48	55.49	76.86
28.12	5.48	60.83	12.90
28.14	5.46	69.94	-6.28
28.16	5.37	83.72	-19.07
28.18	5.38	91.49	-21.40
28.20	5.34	104.38	-30.12
28.22	5.13	117.94	-42.33
28.24	5.11	124.83	-37.68
28.26	5.05	134.38	-40.59
28.28	4.76	141.71	-45.82
28.30	4.16	146.60	-19.65
28.32	3.27	145.04	-75.47
28.34	2.61	135.93	-78.38
28.36	2.19	118.15	-65.00
28.38	2.13	97.26	-55.70
28.40	2.20	85.26	-21.40
28.42	2.23	82.81	40.81
28.44	2.26	78.58	47.21
28.46	2.41	75.25	55.93
28.48	2.67	72.58	77.44
28.50	2.86	81.24	144.31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	3.07	86.13	187.33
28.54	3.13	91.68	187.33
28.56	3.06	99.90	205.36
28.58	2.97	106.35	185.01
28.60	2.95	115.68	175.70
28.62	2.83	117.23	159.42
28.64	2.84	109.68	120.47
28.66	2.80	114.12	120.47
28.68	2.77	114.79	112.91
28.70	2.76	116.56	132.10
28.72	2.77	115.90	151.29
28.74	2.78	117.01	152.45
28.76	2.69	120.78	130.35
28.78	2.69	119.23	126.29
28.80	2.73	115.67	171.63
28.82	2.77	115.45	194.89
28.84	2.87	113.45	232.10
28.86	2.91	108.11	235.59
28.88	2.83	105.67	215.24
28.90	2.78	106.11	222.22
28.92	2.83	102.56	217.57
28.94	2.76	102.56	198.38
28.96	2.70	103.45	206.52
28.98	2.72	105.00	229.20
29.00	2.66	103.23	211.17
29.02	2.60	103.23	208.85
29.04	2.52	104.34	223.38
29.06	2.54	104.34	226.87
29.08	2.53	98.34	235.01
29.10	2.11	16.17	1382.17
29.12	2.38	19.28	1344.96
29.14	2.57	22.83	1301.93
29.16	2.67	27.28	1117.62
29.18	2.68	35.28	1040.29
29.20	2.65	42.17	917.03
29.22	2.61	49.50	882.72
29.24	2.49	56.84	805.39
29.26	2.50	64.61	762.95
29.28	2.45	71.28	762.37
29.30	2.45	73.72	713.53
29.32	2.42	73.94	687.94
29.34	2.36	70.83	654.22
29.36	2.31	65.72	639.10
29.38	2.19	61.94	593.75
29.40	2.11	58.16	568.17
29.42	2.13	57.05	537.35
29.44	2.21	59.72	586.20
29.46	2.27	62.16	618.75
29.48	2.26	61.94	593.17
29.50	2.17	63.94	510.03

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	2.06	63.94	410.02
29.54	1.97	66.60	354.20
29.56	1.88	70.16	337.92
29.58	1.81	73.04	354.20
29.60	1.78	76.82	400.14
29.62	1.81	74.82	435.02
29.64	1.85	73.27	475.14
29.66	1.96	70.82	559.45
29.68	2.13	65.49	643.76
29.70	2.19	61.93	693.18
29.72	2.24	59.71	639.69
29.74	2.22	60.37	552.47
29.76	2.23	62.60	469.33
29.78	2.18	64.59	373.97
29.80	2.11	68.82	318.16
29.82	2.14	74.15	324.55
29.84	2.14	78.59	326.30
29.86	2.20	85.48	338.50
29.88	2.29	88.81	435.60
29.90	2.44	91.26	508.86
29.92	2.68	83.48	554.80
29.94	2.71	81.03	548.40
29.96	2.67	77.92	496.07
29.98	2.65	79.92	545.50
30.00	2.80	81.48	647.82
30.02	2.92	85.48	757.71
30.04	3.08	81.26	780.97
30.06	3.07	85.26	729.80
30.08	2.86	73.05	951.33
30.10	2.90	78.60	889.70
30.12	2.84	79.49	808.30
30.14	2.81	84.16	757.13
30.16	2.81	93.49	741.43
30.18	2.75	100.83	759.46
30.20	2.78	100.60	785.62
30.22	2.78	99.04	733.88
30.24	2.73	100.16	695.50
30.26	2.63	99.93	667.01
30.28	2.62	97.27	674.57
30.30	2.58	98.15	701.32
30.32	2.67	95.04	767.02
30.34	2.66	91.48	800.16
30.36	2.66	87.70	797.25
30.38	2.65	86.82	771.67
30.40	2.60	86.15	710.62
30.42	2.54	83.92	685.04
30.44	2.42	79.92	674.57
30.46	2.41	81.48	693.18
30.48	2.46	81.70	705.39
30.50	2.44	82.59	717.01



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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 14/03/12

Preforo 0.50 m. p.c. Falda 1.60 ml

Prova **2**

Cert. N. 97/2012

Emesso il 15/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	2.49	78.81	744.92
30.54	2.49	75.03	770.50
30.56	2.43	75.03	738.53
30.58	2.37	75.03	693.18
30.60	2.32	75.70	644.34
30.62	2.25	77.25	565.26
30.64	2.22	77.25	544.33
30.66	2.14	77.92	506.54
30.68	2.05	78.81	471.65
30.70	1.96	77.92	483.28
30.72	1.94	76.59	447.23
30.74	1.89	75.25	442.00
30.76	1.84	75.03	431.53
30.78	1.75	75.48	446.07
30.80	1.71	73.03	470.49
30.82	1.70	66.81	479.21
30.84	1.67	61.03	485.02
30.86	1.63	57.92	507.12
30.88	1.62	53.03	533.29
30.90	1.60	47.92	567.00
30.92	1.60	44.59	579.22
30.94	1.57	42.59	592.59
30.96	1.55	39.48	611.20
30.98	1.51	37.26	635.03
31.00	1.47	35.03	653.06
31.02	1.48	32.81	687.36
31.04	1.50	32.15	723.41
31.06	1.53	30.37	757.71
31.08	1.53	27.50	983.89
31.10	1.55	28.61	951.33
31.12	1.58	28.61	942.61
31.14	1.60	29.50	948.42
31.16	1.63	30.39	965.29
31.18	1.65	31.28	965.29
31.20	1.70	31.50	959.47
31.22	1.73	32.17	932.14
31.24	1.78	33.72	911.80
31.26	1.80	35.95	898.42
31.28	1.82	37.06	886.21
31.30	1.87	38.61	862.37
31.32	1.89	41.28	816.44
31.34	1.85	44.61	736.20
31.36	1.82	48.39	702.48
31.38	1.80	49.95	687.36
31.40	1.82	51.06	686.20
31.42	1.82	53.28	711.20
31.44	1.84	55.28	725.16
31.46	1.87	57.28	763.53
31.48	1.91	57.72	778.65
31.50	1.91	56.61	722.83

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	1.88	60.61	691.43
31.54	1.89	62.83	690.85
31.56	1.94	64.17	710.04
31.58	2.01	65.94	768.76
31.60	2.13	67.94	832.72
31.62	2.27	67.94	855.40
31.64	2.39	66.39	767.02
31.66	2.41	67.50	567.59
31.68	2.41	71.27	537.35
31.70	2.45	74.16	515.26
31.72	2.50	79.05	518.17
31.74	2.59	84.16	473.40
31.76	2.57	88.61	440.26
31.78	2.63	97.72	410.60
31.80	2.65	101.94	437.93
31.82	2.74	100.61	422.81
31.84	2.71	105.71	401.30
31.86	2.68	108.16	375.13
31.88	2.70	107.71	318.16
31.90	2.63	111.27	307.69
31.92	2.61	113.04	346.06
31.94	2.63	111.04	399.56
31.96	2.68	107.49	396.65
31.98	2.62	106.82	365.25
32.00	2.58	105.93	349.55
32.02	2.56	103.70	331.53
32.04	2.55	102.59	362.34
32.06	2.55	83.71	604.22
32.08	2.72	94.60	545.50
32.10	2.74	98.16	532.12
32.12	2.77	98.16	439.09
32.14	2.77	103.05	388.51
32.16	2.71	112.60	383.86
32.18	2.72	113.04	399.56
32.20	2.73	112.16	423.40
32.22	2.85	111.27	466.42
32.24	2.98	110.82	493.75
32.26	3.15	112.15	485.60
32.28	3.08	111.71	392.00
32.30	2.93	110.60	301.30
32.32	2.80	117.48	267.57
32.34	2.81	125.26	298.39
32.36	2.84	126.59	332.69
32.38	2.84	129.48	401.88
32.40	2.81	126.37	442.00
32.42	2.79	115.92	423.98
32.44	2.74	110.59	355.37
32.46	2.65	107.70	335.02
32.48	2.56	103.70	295.48
32.50	2.53	106.81	317.58

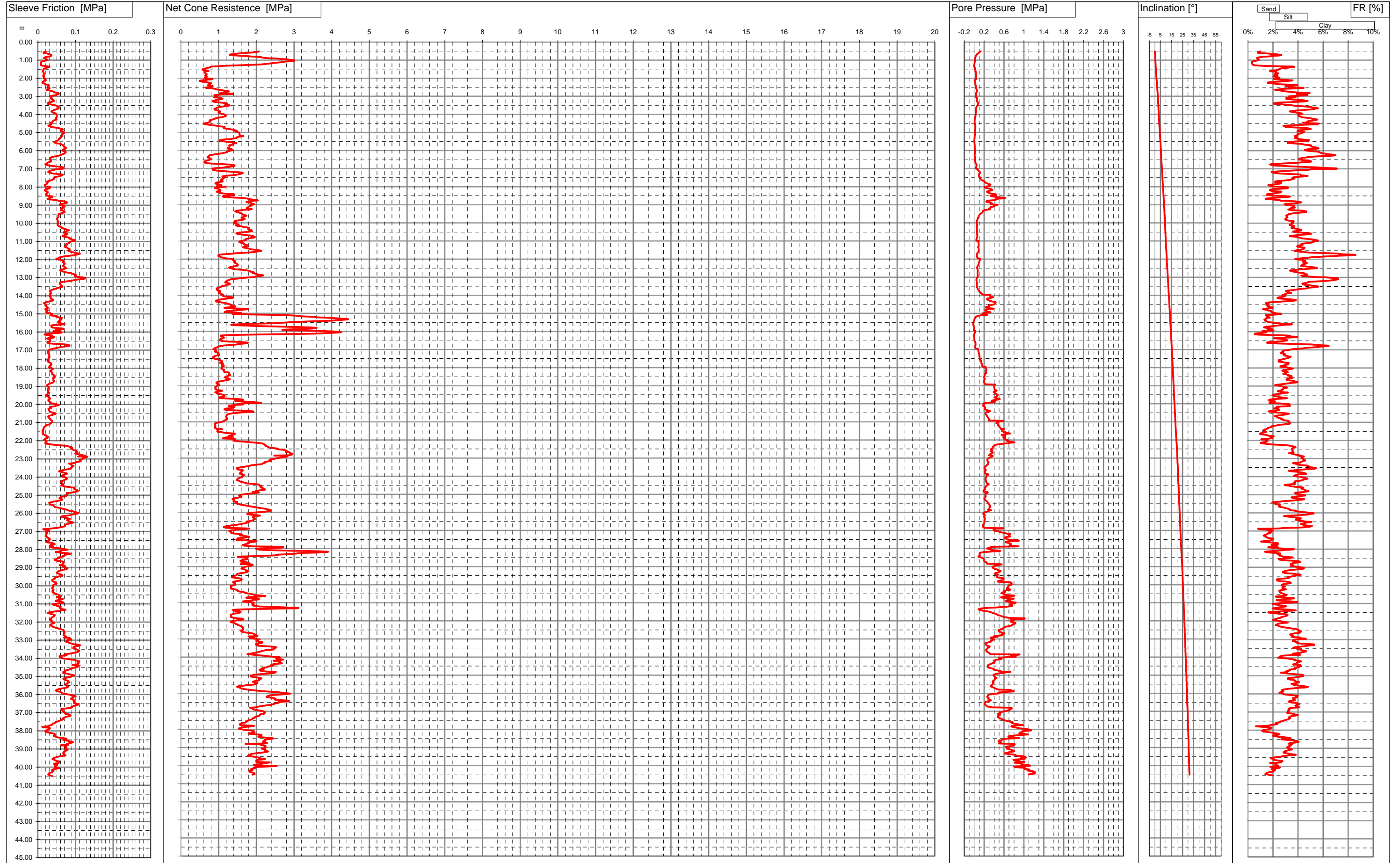
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	2.48	103.69	360.60
32.54	2.49	100.80	334.43
32.56	2.46	102.36	318.16
32.58	2.46	102.58	300.71
32.60	2.49	101.47	353.04
32.62	2.48	101.25	375.13
32.64	2.59	106.36	439.68
32.66	2.71	103.25	428.05
32.68	2.71	98.14	418.16
32.70	2.71	95.91	443.16
32.72	2.74	93.25	428.63
32.74	2.79	93.91	397.23
32.76	2.71	93.69	339.09
32.78	2.61	96.13	331.53
32.80	2.61	100.13	322.22
32.82	2.65	103.91	355.95
32.84	2.69	102.13	389.09
32.86	2.73	93.91	392.00
32.88	2.79	98.58	415.83
32.90	2.78	95.24	419.90
32.92	2.83	89.69	397.81
32.94	2.82	88.35	377.46
32.96	2.85	91.02	392.58
32.98	2.90	92.80	408.28
33.00	2.94	94.58	389.67
33.02	2.91	96.58	367.00
33.04	2.94	100.80	383.86
33.06	2.97	101.24	398.39
33.08	2.72	88.82	748.41
33.10	2.96	98.60	607.70
33.12	2.97	102.37	585.61
33.14	3.04	103.93	661.78
33.16	3.09	103.04	675.15
33.18	3.15	102.37	672.83
33.20	3.19	103.48	622.24
33.22	3.24	105.70	624.57
33.24	3.27	106.15	663.52
33.26	3.29	104.37	633.29
33.28	3.29	105.03	599.57
33.30	3.22	109.26	533.87
33.32	3.17	112.37	487.35
33.34	3.09	113.03	455.37
33.36	3.00	111.70	423.40
33.38	2.93	110.59	447.81
33.40	2.95	109.92	428.63
33.42	2.98	107.70	470.49
33.44	3.02	102.36	468.16
33.46	2.97	100.59	432.11
33.48	2.98	100.14	454.79
33.50	3.02	99.47	479.79



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località BUDRIONE  
 Cantiere SOVRAPASSO N° 130  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 95/2012  
 Data 13\03\12 Emesso il 14/03/12  
 Falda 1.90 ml  
 Preforo 0.50 m. p.c.

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	2.07	20.87	130.35
0.54	2.04	18.21	118.14
0.56	2.00	15.77	109.42
0.58	1.91	15.11	100.12
0.60	1.77	14.22	90.23
0.62	1.63	20.00	83.26
0.64	1.51	24.90	75.70
0.66	1.40	28.01	65.23
0.68	1.33	30.90	55.93
0.70	1.29	34.24	48.95
0.72	1.30	35.80	44.89
0.74	1.42	36.25	42.56
0.76	1.57	34.70	39.65
0.78	1.76	34.26	34.42
0.80	1.88	30.04	29.77
0.82	2.02	24.49	27.44
0.84	2.13	19.60	25.70
0.86	2.15	16.50	23.95
0.88	2.21	15.83	21.63
0.90	2.37	17.61	21.05
0.92	2.56	20.06	21.05
0.94	2.70	21.62	21.05
0.96	2.79	23.85	20.46
0.98	2.88	25.63	20.46
1.00	2.97	25.86	20.46
1.02	3.00	22.52	20.46
1.04	3.01	18.30	19.30
1.06	2.97	13.64	18.14
1.08	2.79	10.13	12.32
1.10	2.72	8.58	11.74
1.12	2.66	7.69	10.58
1.14	2.54	7.91	10.00
1.16	2.46	7.91	8.83
1.18	2.37	7.69	8.25
1.20	2.30	7.69	7.09
1.22	2.24	7.69	6.51
1.24	2.12	7.69	5.35
1.26	1.89	7.47	3.60
1.28	1.62	8.14	1.86
1.30	1.34	10.14	-0.47
1.32	1.16	16.14	-3.38
1.34	0.98	24.14	-6.28
1.36	0.82	30.81	-3.38
1.38	0.79	30.14	5.35
1.40	0.76	27.48	10.58
1.42	0.73	23.70	15.81
1.44	0.70	20.81	19.30
1.46	0.67	17.70	19.30
1.48	0.60	15.92	19.88
1.50	0.58	14.82	21.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.57	14.37	21.63
1.54	0.57	14.15	22.79
1.56	0.64	14.15	25.70
1.58	0.70	12.82	28.02
1.60	0.74	13.04	28.02
1.62	0.67	12.60	25.70
1.64	0.62	13.94	23.95
1.66	0.63	14.84	33.26
1.68	0.64	14.39	35.00
1.70	0.65	15.06	36.16
1.72	0.65	15.51	36.16
1.74	0.65	16.17	36.74
1.76	0.68	15.07	37.90
1.78	0.68	14.85	37.90
1.80	0.66	15.51	37.32
1.82	0.68	15.96	37.90
1.84	0.66	15.96	37.90
1.86	0.64	14.18	37.32
1.88	0.65	13.74	38.49
1.90	0.68	14.18	39.07
1.92	0.69	15.96	39.65
1.94	0.67	16.41	40.23
1.96	0.67	15.97	40.23
1.98	0.63	16.41	40.23
2.00	0.64	15.52	40.23
2.02	0.75	16.41	40.81
2.04	0.84	17.75	41.40
2.06	0.82	18.42	37.32
2.08	0.72	19.97	31.51
2.10	0.66	21.56	13.49
2.12	0.54	20.00	10.00
2.14	0.50	17.34	10.00
2.16	0.50	14.89	11.16
2.18	0.52	14.00	11.74
2.20	0.59	12.45	14.07
2.22	0.67	11.56	17.56
2.24	0.73	11.56	19.88
2.26	0.78	12.45	21.63
2.28	0.80	15.56	23.95
2.30	0.79	17.78	25.70
2.32	0.78	17.78	25.70
2.34	0.74	20.89	25.11
2.36	0.73	25.12	25.11
2.38	0.72	29.56	26.86
2.40	0.77	28.23	29.77
2.42	0.84	25.78	34.42
2.44	0.85	27.56	37.32
2.46	0.83	27.78	37.90
2.48	0.78	26.01	37.90
2.50	0.71	26.67	35.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.65	29.12	33.84
2.54	0.67	31.34	35.58
2.56	0.78	31.12	39.07
2.58	0.89	27.78	44.30
2.60	0.92	25.12	47.79
2.62	0.94	23.78	49.53
2.64	1.02	22.45	51.28
2.66	1.07	25.34	50.70
2.68	1.13	30.89	52.44
2.70	1.22	33.34	54.19
2.72	1.27	38.45	54.77
2.74	1.27	41.34	54.77
2.76	1.20	43.11	51.28
2.78	1.15	45.11	47.21
2.80	1.09	48.67	43.72
2.82	1.04	54.00	41.40
2.84	1.14	54.00	40.23
2.86	1.38	55.77	43.72
2.88	1.33	54.00	41.98
2.90	1.09	50.66	36.16
2.92	0.97	48.66	32.09
2.94	0.89	44.22	30.93
2.96	0.90	39.77	32.09
2.98	0.91	34.88	33.84
3.00	0.94	31.99	36.74
3.02	0.96	32.21	36.74
3.04	0.92	35.32	37.32
3.06	0.88	34.88	39.07
3.08	1.06	33.53	55.35
3.10	1.05	37.09	53.60
3.12	1.06	37.53	55.93
3.14	1.10	34.86	58.26
3.16	1.06	35.75	57.10
3.18	1.02	38.86	53.60
3.20	0.95	40.19	51.86
3.22	0.91	42.42	53.02
3.24	0.89	42.42	54.19
3.26	0.84	42.19	55.35
3.28	0.84	39.52	57.10
3.30	0.87	36.86	61.16
3.32	0.93	32.41	65.81
3.34	1.03	27.75	73.38
3.36	1.11	27.08	81.51
3.38	1.20	25.30	85.00
3.40	1.23	25.74	86.17
3.42	1.23	27.08	82.68
3.44	1.18	32.41	75.12
3.46	1.18	37.30	71.63
3.48	1.23	43.08	71.05
3.50	1.29	47.07	69.30

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.26	49.29	64.07
3.54	1.22	53.07	58.26
3.56	1.14	55.29	53.60
3.58	1.05	55.29	48.95
3.60	1.01	53.51	45.47
3.62	0.99	53.96	43.14
3.64	0.95	55.96	40.23
3.66	0.93	55.29	39.07
3.68	0.92	52.40	37.90
3.70	0.89	49.73	37.32
3.72	0.90	47.51	36.16
3.74	0.90	45.06	36.16
3.76	0.94	42.61	36.16
3.78	0.97	40.17	37.32
3.80	0.99	37.28	37.90
3.82	1.01	35.94	37.90
3.84	1.05	35.94	37.32
3.86	1.00	37.05	36.16
3.88	1.00	38.83	35.00
3.90	1.00	40.61	33.26
3.92	1.01	43.27	31.51
3.94	1.04	46.60	30.93
3.96	1.06	48.38	30.93
3.98	1.11	49.04	30.35
4.00	1.15	49.27	29.19
4.02	1.17	49.49	28.60
4.04	1.18	49.26	27.44
4.06	1.20	49.92	29.19
4.08	1.20	50.58	28.02
4.10	1.17	50.36	26.28
4.12	1.15	50.36	24.53
4.14	1.11	49.47	22.21
4.16	1.08	48.58	19.88
4.18	1.00	49.25	17.56
4.20	0.96	48.58	15.81
4.22	0.91	48.36	14.07
4.24	0.91	49.02	13.49
4.26	0.88	49.47	12.90
4.28	0.84	49.69	11.74
4.30	0.81	46.80	10.58
4.32	0.78	43.24	10.00
4.34	0.76	41.02	10.00
4.36	0.79	40.13	10.00
4.38	0.78	39.24	10.58
4.40	0.78	38.35	11.16
4.42	0.75	38.12	11.74
4.44	0.74	37.46	11.16
4.46	0.73	33.46	11.16
4.48	0.68	34.79	11.74
4.50	0.61	36.79	11.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.61	35.23	12.32
4.54	0.61	36.12	13.49
4.56	0.71	35.01	15.81
4.58	0.75	32.56	18.14
4.60	0.81	29.67	21.05
4.62	0.91	27.45	22.79
4.64	0.99	28.78	23.37
4.66	1.02	33.23	24.53
4.68	1.11	33.89	26.28
4.70	1.16	37.45	25.70
4.72	1.15	45.45	24.53
4.74	1.13	51.89	23.37
4.76	1.13	57.22	22.21
4.78	1.18	59.67	21.63
4.80	1.22	64.33	21.63
4.82	1.30	66.55	22.21
4.84	1.37	65.00	22.21
4.86	1.40	62.11	21.63
4.88	1.44	60.55	21.05
4.90	1.46	60.33	21.05
4.92	1.48	60.77	20.46
4.94	1.44	63.88	18.72
4.96	1.45	68.10	17.56
4.98	1.50	69.88	17.56
5.00	1.53	69.88	17.56
5.02	1.56	70.10	16.98
5.04	1.55	69.42	17.56
5.06	1.55	66.76	16.40
5.08	1.55	64.09	15.81
5.10	1.55	64.53	14.65
5.12	1.55	64.31	14.07
5.14	1.55	64.09	13.49
5.16	1.57	62.97	12.90
5.18	1.59	62.97	12.32
5.20	1.66	64.08	11.74
5.22	1.59	62.97	11.16
5.24	1.54	62.08	10.00
5.26	1.48	60.97	9.42
5.28	1.47	59.64	8.83
5.30	1.48	58.08	8.83
5.32	1.45	56.53	8.25
5.34	1.39	56.97	7.09
5.36	1.33	56.08	6.51
5.38	1.21	54.30	4.77
5.40	1.12	54.08	4.19
5.42	1.05	53.85	4.19
5.44	1.02	52.30	4.77
5.46	1.06	49.18	5.35
5.48	1.11	47.41	5.93
5.50	1.17	44.74	7.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	1.23	43.18	7.67
5.54	1.32	43.63	8.25
5.56	1.38	45.62	8.83
5.58	1.48	48.29	8.83
5.60	1.42	53.85	8.83
5.62	1.38	59.40	8.83
5.64	1.37	62.73	8.83
5.66	1.38	64.51	10.00
5.68	1.38	66.29	11.16
5.70	1.29	68.06	11.16
5.72	1.28	68.29	11.74
5.74	1.29	68.06	11.74
5.76	1.29	67.84	12.32
5.78	1.29	69.40	12.32
5.80	1.29	71.62	11.74
5.82	1.28	73.62	11.74
5.84	1.28	74.06	11.74
5.86	1.25	74.72	12.32
5.88	1.23	73.83	12.90
5.90	1.25	71.39	13.49
5.92	1.34	68.05	14.07
5.94	1.36	66.94	14.07
5.96	1.37	65.16	14.65
5.98	1.36	65.16	14.65
6.00	1.32	65.61	14.07
6.02	1.30	67.61	14.07
6.04	1.24	71.16	19.88
6.06	1.23	74.05	19.30
6.08	1.23	74.05	18.72
6.10	1.20	73.16	18.14
6.12	1.17	71.83	16.98
6.14	1.12	70.71	15.81
6.16	1.07	69.83	15.23
6.18	1.00	66.27	14.07
6.20	0.92	64.49	12.90
6.22	0.87	62.71	11.74
6.24	0.80	60.27	11.16
6.26	0.76	57.16	11.16
6.28	0.75	52.93	11.16
6.30	0.74	48.27	11.74
6.32	0.74	42.93	12.32
6.34	0.72	38.04	12.32
6.36	0.71	35.16	12.32
6.38	0.71	34.27	12.90
6.40	0.74	33.38	13.49
6.42	0.76	33.60	14.65
6.44	0.79	33.82	15.23
6.46	0.77	34.27	16.40
6.48	0.79	33.38	16.98
6.50	0.77	33.82	17.56

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.75	34.71	17.56
6.54	0.71	35.16	18.14
6.56	0.67	34.71	18.72
6.58	0.65	34.49	19.88
6.60	0.63	33.60	20.46
6.62	0.62	32.27	21.63
6.64	0.62	28.04	22.79
6.66	0.62	26.05	24.53
6.68	0.65	24.71	26.86
6.70	0.72	23.16	30.35
6.72	0.83	21.38	34.42
6.74	1.00	19.60	39.65
6.76	1.19	21.16	43.14
6.78	1.31	24.49	47.21
6.80	1.40	27.16	49.53
6.82	1.42	30.27	48.37
6.84	1.40	38.71	46.05
6.86	1.41	48.05	45.47
6.88	1.37	55.16	43.72
6.90	1.29	63.83	41.98
6.92	1.19	67.83	40.81
6.94	1.12	68.72	38.49
6.96	1.00	69.16	36.16
6.98	0.89	68.05	34.42
7.00	0.83	63.38	33.84
7.02	0.88	46.72	71.05
7.04	0.86	44.94	71.63
7.06	0.84	41.83	73.38
7.08	0.88	36.94	78.02
7.10	0.93	33.16	83.26
7.12	0.99	31.39	89.65
7.14	1.16	28.72	97.80
7.16	1.27	27.61	106.51
7.18	1.40	26.94	113.49
7.20	1.55	30.27	121.63
7.22	1.60	33.83	118.72
7.24	1.64	37.16	118.72
7.26	1.61	42.50	110.00
7.28	1.60	50.94	101.28
7.30	1.54	60.50	97.21
7.32	1.53	66.50	100.12
7.34	1.47	64.50	103.03
7.36	1.42	62.05	101.28
7.38	1.27	61.38	100.12
7.40	1.18	58.94	96.63
7.42	1.11	53.83	98.38
7.44	1.10	46.94	105.35
7.46	1.13	43.60	111.75
7.48	1.15	42.94	114.66
7.50	1.15	42.27	114.08

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	1.10	42.49	115.24
7.54	1.13	43.60	120.47
7.56	1.11	41.60	127.45
7.58	1.10	39.16	129.77
7.60	1.08	38.49	137.91
7.62	1.05	35.82	146.05
7.64	1.07	33.16	157.68
7.66	1.05	28.94	171.05
7.68	1.11	26.49	191.40
7.70	1.11	24.93	206.52
7.72	1.10	23.82	211.75
7.74	1.01	25.82	211.75
7.76	0.96	26.05	220.48
7.78	0.94	24.94	232.69
7.80	0.94	25.16	249.55
7.82	0.91	24.05	263.50
7.84	0.94	22.49	279.78
7.86	0.98	20.94	305.95
7.88	1.01	18.49	328.62
7.90	1.08	17.60	325.13
7.92	1.08	18.71	317.58
7.94	1.07	18.94	316.41
7.96	1.04	19.60	310.01
7.98	0.95	20.71	270.48
8.00	1.19	33.61	209.43
8.02	1.04	33.61	208.27
8.04	0.98	32.50	214.08
8.06	0.93	30.73	222.80
8.08	0.90	29.39	251.29
8.10	0.96	26.06	291.41
8.12	1.01	21.39	322.80
8.14	1.01	18.95	342.00
8.16	1.02	18.50	353.04
8.18	1.05	18.50	364.09
8.20	1.02	18.73	353.62
8.22	1.05	19.84	315.83
8.24	1.04	23.84	282.10
8.26	0.95	26.06	278.62
8.28	0.95	24.51	256.52
8.30	0.96	26.06	258.85
8.32	1.04	26.06	278.04
8.34	1.04	23.62	297.22
8.36	1.07	22.51	310.01
8.38	1.14	22.06	338.50
8.40	1.31	20.73	389.67
8.42	1.41	21.39	437.35
8.44	1.42	21.39	440.26
8.46	1.34	24.95	432.70
8.48	1.31	25.62	367.58
8.50	1.22	32.06	330.95

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	1.13	38.51	340.83
8.54	1.11	38.51	376.30
8.56	1.13	36.73	425.14
8.58	1.24	34.28	491.42
8.60	1.41	31.84	567.00
8.62	1.61	28.51	624.57
8.64	1.71	26.51	615.27
8.66	1.78	25.17	497.82
8.68	1.79	30.95	442.58
8.70	1.87	38.28	420.49
8.72	1.94	46.95	435.02
8.74	2.02	52.95	429.21
8.76	2.04	54.73	332.11
8.78	1.92	65.17	274.55
8.80	1.83	71.62	248.39
8.82	1.77	74.95	242.57
8.84	1.74	76.51	254.78
8.86	1.75	77.39	285.60
8.88	1.84	76.73	317.58
8.90	1.87	74.95	342.00
8.92	1.85	66.28	359.44
8.94	1.90	59.39	350.71
8.96	1.94	58.06	326.30
8.98	1.90	63.83	355.95
9.00	1.91	59.39	470.49
9.02	1.85	62.95	411.77
9.04	1.83	69.39	405.37
9.06	1.85	71.17	414.67
9.08	1.83	68.73	410.60
9.10	1.80	66.50	386.18
9.12	1.79	67.83	337.92
9.14	1.78	69.17	332.11
9.16	1.77	65.39	328.62
9.18	1.74	61.83	321.64
9.20	1.76	61.39	298.39
9.22	1.80	62.94	311.76
9.24	1.88	63.39	327.46
9.26	1.83	60.72	286.76
9.28	1.68	60.05	239.08
9.30	1.58	64.50	204.78
9.32	1.49	69.16	183.85
9.34	1.47	70.27	175.12
9.36	1.44	70.50	173.38
9.38	1.46	71.38	173.96
9.40	1.49	70.72	171.05
9.42	1.53	67.60	162.91
9.44	1.56	64.05	155.36
9.46	1.60	60.05	145.47
9.48	1.61	56.94	135.59
9.50	1.62	54.71	126.29

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova **1**

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.64	54.49	118.14
9.54	1.64	54.04	111.17
9.56	1.67	53.82	105.93
9.58	1.72	54.27	102.45
9.60	1.74	54.71	98.96
9.62	1.72	55.16	94.89
9.64	1.69	54.27	90.82
9.66	1.66	53.38	86.17
9.68	1.64	53.38	85.59
9.70	1.62	52.04	82.10
9.72	1.61	50.93	78.02
9.74	1.61	50.27	75.70
9.76	1.65	50.71	73.38
9.78	1.69	51.82	71.63
9.80	1.67	51.60	68.14
9.82	1.66	51.82	65.23
9.84	1.61	52.04	62.33
9.86	1.55	51.82	57.68
9.88	1.46	53.38	53.02
9.90	1.42	54.04	51.28
9.92	1.42	53.15	49.53
9.94	1.47	53.38	48.95
9.96	1.46	52.93	47.21
9.98	1.43	53.15	46.05
10.00	1.43	53.39	57.10
10.02	1.43	52.28	57.10
10.04	1.46	51.83	56.51
10.06	1.47	52.28	57.68
10.08	1.50	52.94	59.42
10.10	1.54	52.94	60.58
10.12	1.50	52.72	56.51
10.14	1.46	54.72	53.60
10.16	1.49	57.17	54.19
10.18	1.58	58.28	55.35
10.20	1.62	59.17	55.35
10.22	1.65	61.61	55.35
10.24	1.72	65.39	57.10
10.26	1.79	64.28	57.10
10.28	1.82	65.61	55.35
10.30	1.79	70.05	54.19
10.32	1.78	72.72	52.44
10.34	1.80	76.05	51.86
10.36	1.80	78.94	52.44
10.38	1.86	82.72	54.77
10.40	1.85	81.61	56.51
10.42	1.84	77.39	55.93
10.44	1.86	74.72	60.00
10.46	1.89	70.72	60.58
10.48	1.84	69.39	59.42
10.50	1.73	68.28	58.84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	1.62	68.72	56.51
10.54	1.55	72.72	54.19
10.56	1.48	75.61	52.44
10.58	1.47	78.50	52.44
10.60	1.49	78.49	54.77
10.62	1.54	76.71	57.68
10.64	1.60	72.71	60.00
10.66	1.67	70.27	62.91
10.68	1.73	67.60	64.65
10.70	1.85	66.49	65.23
10.72	1.91	65.82	65.23
10.74	1.88	70.05	63.49
10.76	1.88	76.27	62.33
10.78	1.97	80.49	61.16
10.80	1.96	84.27	60.00
10.82	1.91	83.60	56.51
10.84	1.85	82.71	53.02
10.86	1.78	86.04	49.53
10.88	1.74	88.71	47.21
10.90	1.72	92.27	45.47
10.92	1.72	95.60	44.89
10.94	1.73	98.93	46.05
10.96	1.67	99.37	45.47
10.98	1.65	97.15	44.89
11.00	1.61	87.85	98.96
11.02	1.56	87.18	93.14
11.04	1.56	84.07	86.75
11.06	1.54	83.40	84.42
11.08	1.57	83.62	86.17
11.10	1.61	81.40	89.65
11.12	1.65	78.74	91.40
11.14	1.68	75.18	92.56
11.16	1.67	74.73	91.40
11.18	1.67	75.18	89.65
11.20	1.68	76.73	90.82
11.22	1.74	76.06	91.40
11.24	1.78	74.29	90.23
11.26	1.78	74.06	93.14
11.28	1.75	71.40	90.82
11.30	1.74	71.17	85.59
11.32	1.67	72.95	79.77
11.34	1.65	76.06	78.60
11.36	1.66	78.51	81.51
11.38	1.72	79.39	85.00
11.40	1.77	81.39	87.33
11.42	1.80	84.28	88.49
11.44	1.83	84.28	88.49
11.46	1.87	82.73	89.07
11.48	1.95	81.17	91.40
11.50	2.00	80.94	93.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	2.09	82.72	97.21
11.54	2.13	82.50	95.47
11.56	2.09	86.28	91.98
11.58	2.03	89.17	89.07
11.60	1.97	92.72	83.84
11.62	1.89	96.05	79.19
11.64	1.78	100.50	73.96
11.66	1.60	107.16	68.14
11.68	1.44	111.83	64.07
11.70	1.37	107.16	60.58
11.72	1.25	103.60	54.77
11.74	1.11	101.16	50.70
11.76	1.03	97.16	50.70
11.78	1.00	89.60	51.28
11.80	1.00	79.38	52.44
11.82	0.99	72.27	54.19
11.84	1.00	66.49	55.93
11.86	1.03	61.82	57.68
11.88	1.05	58.04	59.42
11.90	1.07	55.82	61.75
11.92	1.11	54.71	63.49
11.94	1.17	53.37	66.98
11.96	1.16	48.49	69.30
11.98	1.32	51.84	121.63
12.00	1.37	54.51	118.14
12.02	1.37	59.17	112.91
12.04	1.38	63.40	111.17
12.06	1.38	65.84	111.75
12.08	1.41	67.62	111.75
12.10	1.43	69.18	112.91
12.12	1.43	66.73	107.68
12.14	1.43	65.62	104.19
12.16	1.41	66.28	100.12
12.18	1.42	68.06	97.80
12.20	1.42	70.28	95.47
12.22	1.44	71.17	93.14
12.24	1.46	71.17	92.56
12.26	1.49	70.06	92.56
12.28	1.50	68.73	89.65
12.30	1.51	68.28	85.59
12.32	1.51	68.06	82.10
12.34	1.51	67.39	80.35
12.36	1.51	66.73	76.86
12.38	1.47	68.28	72.79
12.40	1.42	70.73	68.72
12.42	1.37	71.84	64.65
12.44	1.31	72.95	61.75
12.46	1.29	74.06	60.00
12.48	1.28	74.73	60.00
12.50	1.30	72.95	62.33

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.34	69.39	64.07
12.54	1.37	65.17	64.65
12.56	1.43	62.06	66.98
12.58	1.54	60.72	69.89
12.60	1.66	58.94	71.05
12.62	1.73	60.06	71.05
12.64	1.79	62.72	69.89
12.66	1.83	66.50	69.89
12.68	1.84	69.83	69.89
12.70	1.85	74.28	69.30
12.72	1.90	78.94	68.14
12.74	1.94	83.39	67.56
12.76	1.90	88.50	66.40
12.78	1.94	91.17	66.98
12.80	1.96	94.50	66.98
12.82	2.00	97.39	66.98
12.84	2.03	100.94	69.30
12.86	2.06	100.94	70.47
12.88	2.16	100.50	72.79
12.90	2.19	97.17	73.96
12.92	2.16	98.05	72.21
12.94	2.10	99.61	68.72
12.96	1.99	108.06	73.96
12.98	1.96	114.51	68.14
13.00	1.89	123.84	63.49
13.02	1.77	126.73	58.26
13.04	1.65	126.51	54.77
13.06	1.58	122.95	50.70
13.08	1.51	115.62	48.37
13.10	1.37	106.29	49.53
13.12	1.32	100.51	47.79
13.14	1.29	95.84	47.21
13.16	1.28	91.18	47.21
13.18	1.25	85.84	47.21
13.20	1.23	78.51	47.79
13.22	1.20	70.06	48.95
13.24	1.20	63.17	49.53
13.26	1.18	59.17	50.12
13.28	1.17	58.51	50.12
13.30	1.18	58.28	51.86
13.32	1.24	57.62	54.77
13.34	1.28	58.06	57.10
13.36	1.29	60.06	58.26
13.38	1.30	59.62	57.68
13.40	1.29	60.51	56.51
13.42	1.24	62.51	55.93
13.44	1.20	63.84	55.35
13.46	1.17	64.28	54.77
13.48	1.13	64.06	54.77
13.50	1.08	64.51	55.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.07	63.39	57.68
13.54	1.05	58.95	58.84
13.56	1.04	54.06	60.00
13.58	1.01	50.28	61.16
13.60	0.96	48.28	63.49
13.62	0.95	44.95	66.98
13.64	0.95	41.17	70.47
13.66	0.95	39.39	74.54
13.68	0.95	37.39	79.19
13.70	0.95	35.17	85.00
13.72	0.99	32.28	90.23
13.74	1.01	32.06	96.05
13.76	1.04	32.28	100.70
13.78	1.02	33.17	104.77
13.80	1.00	33.84	110.00
13.82	1.01	33.40	115.82
13.84	1.01	34.51	122.21
13.86	1.00	35.84	129.19
13.88	1.04	33.40	137.91
13.90	1.05	32.51	145.47
13.92	1.05	33.18	156.52
13.94	1.08	32.51	167.57
13.96	1.12	32.51	173.38
13.98	1.08	30.31	325.13
14.00	1.09	33.64	315.83
14.02	1.12	34.31	311.76
14.04	1.12	33.86	319.90
14.06	1.15	33.20	332.69
14.08	1.22	34.31	360.60
14.10	1.36	33.86	382.11
14.12	1.39	33.64	375.72
14.14	1.39	33.42	346.06
14.16	1.33	33.64	306.53
14.18	1.25	36.31	266.41
14.20	1.15	39.86	255.94
14.22	1.09	39.42	257.69
14.24	1.02	40.76	265.25
14.26	1.00	39.20	279.78
14.28	0.97	37.64	289.09
14.30	0.93	33.64	311.18
14.32	0.93	28.31	329.79
14.34	0.93	23.42	357.69
14.36	0.97	20.09	394.32
14.38	1.03	17.87	426.88
14.40	1.10	16.09	434.44
14.42	1.14	16.53	432.11
14.44	1.19	18.31	428.05
14.46	1.24	20.76	413.51
14.48	1.25	20.76	407.70
14.50	1.30	20.98	403.04

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.33	19.65	391.41
14.54	1.34	20.98	325.13
14.56	1.31	22.31	293.73
14.58	1.36	21.42	305.36
14.60	1.42	23.42	300.13
14.62	1.45	23.87	283.85
14.64	1.42	25.65	260.60
14.66	1.34	26.98	235.01
14.68	1.19	23.65	232.10
14.70	1.15	21.65	268.15
14.72	1.36	20.09	343.16
14.74	1.63	19.65	394.32
14.76	1.78	22.31	308.85
14.78	1.73	25.20	253.62
14.80	1.64	26.31	248.39
14.82	1.55	24.98	221.06
14.84	1.41	24.98	221.06
14.86	1.30	24.98	230.36
14.88	1.22	23.43	243.73
14.90	1.17	22.09	269.90
14.92	1.17	22.76	303.62
14.94	1.15	22.54	330.37
14.96	1.49	33.43	259.43
14.98	1.60	32.32	191.99
15.00	1.42	38.10	175.70
15.02	1.36	37.43	173.96
15.04	1.46	36.99	201.87
15.06	1.87	35.21	260.60
15.08	2.41	34.77	264.66
15.10	2.78	39.66	164.66
15.12	3.00	48.10	108.26
15.14	3.10	52.10	75.12
15.16	3.18	48.10	54.77
15.18	3.37	51.66	42.56
15.20	3.53	58.99	35.00
15.22	3.60	64.10	28.02
15.24	3.85	60.77	22.21
15.26	4.04	58.54	17.56
15.28	4.19	60.99	13.49
15.30	4.32	62.54	10.00
15.32	4.44	58.54	7.67
15.34	4.43	60.54	4.77
15.36	4.28	58.99	2.44
15.38	4.13	55.87	-0.47
15.40	4.00	58.54	-2.21
15.42	3.80	57.65	-4.54
15.44	3.52	55.21	-6.86
15.46	3.22	52.76	-9.77
15.48	2.99	53.87	-11.51
15.50	2.82	58.54	-13.26



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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	2.68	60.76	-15.59
15.54	2.50	65.65	-17.33
15.56	2.26	70.76	-19.07
15.58	1.90	69.20	-20.82
15.60	1.54	55.42	-21.98
15.62	1.33	39.86	-20.82
15.64	1.33	35.64	-18.49
15.66	1.50	35.19	-15.00
15.68	1.71	35.86	-11.51
15.70	1.99	36.75	-8.61
15.72	2.35	35.86	-5.70
15.74	2.80	37.41	-2.80
15.76	3.18	40.52	-1.63
15.78	3.48	50.52	-0.47
15.80	3.60	63.41	-1.05
15.82	3.57	68.97	-1.63
15.84	3.48	67.63	-1.63
15.86	3.24	53.19	-3.38
15.88	2.94	47.85	-5.70
15.90	2.73	48.07	-7.44
15.92	2.69	55.19	-8.02
15.94	2.89	60.30	-7.44
15.96	3.55	41.19	21.05
15.98	3.77	46.75	18.72
16.00	4.03	56.08	17.56
16.02	4.19	63.20	16.40
16.04	4.26	61.86	15.23
16.06	4.18	49.64	13.49
16.08	3.95	32.75	11.74
16.10	3.78	23.19	10.58
16.12	3.53	18.75	8.83
16.14	3.11	17.42	5.93
16.16	2.40	21.64	-0.47
16.18	1.76	31.42	-6.86
16.20	1.32	38.75	-10.35
16.22	1.06	36.97	-8.02
16.24	1.06	33.42	-5.70
16.26	1.08	38.30	-4.54
16.28	1.06	43.64	-2.80
16.30	1.09	43.19	-1.63
16.32	1.13	38.75	0.11
16.34	1.15	26.97	1.86
16.36	1.14	23.86	2.44
16.38	1.11	28.30	3.02
16.40	1.08	30.75	3.02
16.42	1.05	32.53	3.60
16.44	1.06	32.53	4.19
16.46	1.03	33.41	5.35
16.48	1.03	33.41	6.51
16.50	1.06	31.86	7.67

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.07	30.08	8.83
16.54	1.13	27.19	11.16
16.56	1.27	25.64	15.23
16.58	1.56	24.97	21.05
16.60	1.69	25.86	25.11
16.62	1.78	28.08	26.28
16.64	1.74	39.41	26.86
16.66	1.71	52.97	27.44
16.68	1.63	68.30	28.60
16.70	1.51	81.19	29.19
16.72	1.48	82.53	29.19
16.74	1.38	84.08	28.02
16.76	1.25	83.86	26.86
16.78	1.14	78.53	25.11
16.80	1.07	70.53	23.95
16.82	1.02	63.41	22.79
16.84	0.97	58.08	22.79
16.86	0.97	54.30	23.37
16.88	0.97	48.97	23.95
16.90	0.95	45.41	23.95
16.92	0.91	41.19	24.53
16.94	0.88	36.97	24.53
16.96	0.88	32.76	23.96
16.98	0.86	30.76	25.70
17.00	0.88	29.65	28.02
17.02	0.90	28.09	29.77
17.04	0.93	27.42	31.51
17.06	0.93	26.98	33.25
17.08	0.93	26.31	35.00
17.10	0.91	26.53	36.75
17.12	0.90	26.31	38.50
17.14	0.93	26.31	40.25
17.16	0.98	26.09	42.00
17.18	1.00	27.20	43.75
17.20	1.00	28.31	45.50
17.22	1.00	28.98	47.25
17.24	0.98	30.09	49.00
17.26	1.00	30.31	50.75
17.28	1.02	30.31	52.50
17.30	1.02	30.31	54.25
17.32	0.98	29.65	56.00
17.34	0.94	30.09	57.75
17.36	0.90	30.09	59.50
17.38	0.88	31.20	61.25
17.40	0.86	29.87	63.00
17.42	0.86	28.98	64.75
17.44	0.86	28.54	66.50
17.46	0.85	28.32	68.25
17.48	0.88	27.43	70.00
17.50	0.89	26.54	71.75

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	0.90	26.10	121.05
17.54	0.96	25.21	126.29
17.56	1.00	25.21	129.19
17.58	1.01	26.10	132.10
17.60	1.06	26.99	134.42
17.62	1.07	28.54	137.91
17.64	1.09	27.21	140.82
17.66	1.10	28.10	142.56
17.68	1.08	31.21	141.40
17.70	1.08	32.54	141.98
17.72	1.04	34.99	141.98
17.74	1.04	33.87	143.73
17.76	1.07	33.87	146.05
17.78	1.12	35.65	150.70
17.80	1.09	36.32	153.61
17.82	1.08	34.32	156.52
17.84	1.09	32.32	158.84
17.86	1.09	32.54	160.00
17.88	1.12	32.54	165.24
17.90	1.14	30.32	168.15
17.92	1.13	30.32	166.99
17.94	1.08	29.65	163.50
17.96	1.09	34.77	233.85
17.98	1.09	36.11	233.27
18.00	1.09	37.00	229.20
18.02	1.08	39.66	232.69
18.04	1.07	39.88	235.59
18.06	1.08	38.11	237.92
18.08	1.11	37.00	241.40
18.10	1.11	35.66	246.06
18.12	1.15	33.22	250.13
18.14	1.15	32.33	245.48
18.16	1.15	32.55	241.40
18.18	1.15	33.66	237.34
18.20	1.15	35.88	231.52
18.22	1.14	37.22	230.94
18.24	1.16	38.11	236.18
18.26	1.25	38.55	241.99
18.28	1.28	38.55	243.15
18.30	1.28	38.77	244.90
18.32	1.28	36.99	225.71
18.34	1.27	38.55	214.66
18.36	1.28	40.99	210.01
18.38	1.28	42.99	212.92
18.40	1.31	43.44	217.57
18.42	1.31	42.99	213.50
18.44	1.27	45.66	209.43
18.46	1.26	45.44	208.27
18.48	1.22	43.44	205.94
18.50	1.19	40.77	203.03

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.18	40.77	198.96
18.54	1.16	42.99	197.22
18.56	1.18	42.99	201.29
18.58	1.22	40.10	204.78
18.60	1.27	40.99	208.27
18.62	1.28	40.77	211.17
18.64	1.30	41.21	212.33
18.66	1.28	40.99	208.85
18.68	1.24	41.21	204.20
18.70	1.19	43.43	201.87
18.72	1.13	43.43	199.54
18.74	1.09	42.10	197.22
18.76	1.04	41.21	196.06
18.78	0.98	40.54	194.31
18.80	0.96	38.32	194.89
18.82	0.95	35.21	197.80
18.84	0.94	32.32	202.45
18.86	0.95	29.88	206.52
18.88	0.95	28.32	211.75
18.90	0.97	26.32	218.73
18.92	1.00	24.99	225.13
18.94	1.02	22.55	425.14
18.96	1.02	23.89	415.83
18.98	0.99	25.22	405.95
19.00	0.97	26.33	404.20
19.02	0.95	27.00	401.30
19.04	0.94	27.44	400.14
19.06	0.92	28.11	398.39
19.08	0.91	29.44	397.23
19.10	0.91	28.33	401.30
19.12	0.92	27.22	405.95
19.14	0.92	27.00	406.53
19.16	0.92	26.11	406.53
19.18	0.91	26.33	406.53
19.20	0.92	26.33	408.86
19.22	0.94	26.11	419.32
19.24	0.98	26.11	431.53
19.26	1.06	26.33	447.23
19.28	1.10	26.55	453.05
19.30	1.07	26.33	432.11
19.32	1.02	27.44	408.86
19.34	0.97	29.00	389.67
19.36	0.91	30.11	393.16
19.38	0.94	27.00	404.20
19.40	0.94	26.55	412.35
19.42	0.97	25.67	426.30
19.44	0.99	24.11	441.42
19.46	1.03	22.55	449.56
19.48	1.08	22.11	458.86
19.50	1.11	22.55	475.14

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.14	23.22	474.56
19.54	1.15	24.56	464.10
19.56	1.16	26.11	458.28
19.58	1.15	28.78	465.26
19.60	1.14	28.56	453.05
19.62	1.09	29.45	430.95
19.64	1.03	30.78	411.77
19.66	1.01	32.56	406.53
19.68	1.03	32.34	429.79
19.70	1.16	30.11	463.51
19.72	1.37	28.56	510.61
19.74	1.53	27.67	516.42
19.76	1.63	28.78	500.72
19.78	1.65	27.45	448.40
19.80	1.52	29.00	394.90
19.82	1.43	29.67	363.50
19.84	1.45	31.89	351.30
19.86	1.59	32.34	396.65
19.88	1.73	31.89	425.72
19.90	1.91	33.45	394.90
19.92	1.98	35.00	392.00
19.94	2.13	37.01	253.03
19.96	1.82	48.34	205.36
19.98	1.61	47.23	187.91
20.00	1.51	52.12	183.85
20.02	1.62	55.67	195.48
20.04	1.64	54.56	204.20
20.06	1.47	48.34	196.06
20.08	1.38	47.01	175.70
20.10	1.27	44.34	175.70
20.12	1.26	35.89	187.91
20.14	1.35	31.45	203.61
20.16	1.42	33.89	208.27
20.18	1.40	32.78	216.99
20.20	1.40	35.23	214.08
20.22	1.38	31.00	221.64
20.24	1.30	27.45	215.82
20.26	1.21	29.67	214.66
20.28	1.18	28.11	220.48
20.30	1.15	28.34	222.22
20.32	1.16	29.67	229.78
20.34	1.22	29.45	241.40
20.36	1.38	31.23	269.31
20.38	1.63	30.78	301.30
20.40	1.86	31.00	321.64
20.42	1.92	35.22	309.43
20.44	1.92	38.56	282.69
20.46	1.80	43.00	254.78
20.48	1.63	46.11	240.24
20.50	1.50	47.22	230.94

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.38	46.78	227.45
20.54	1.33	43.67	228.03
20.56	1.27	40.56	229.78
20.58	1.25	37.22	233.27
20.60	1.22	33.67	237.92
20.62	1.22	30.11	244.31
20.64	1.22	28.11	250.13
20.66	1.22	26.56	255.94
20.68	1.21	27.22	258.27
20.70	1.20	28.78	263.50
20.72	1.21	28.78	268.73
20.74	1.21	29.67	273.97
20.76	1.22	30.78	279.20
20.78	1.22	32.56	284.43
20.80	1.21	33.45	288.50
20.82	1.22	33.89	296.06
20.84	1.23	33.45	296.06
20.86	1.21	35.22	296.64
20.88	1.22	35.67	293.15
20.90	1.18	37.45	292.57
20.92	1.15	38.11	289.67
20.94	1.14	38.35	589.68
20.96	1.15	38.13	538.52
20.98	1.11	38.35	508.28
21.00	1.08	37.02	487.35
21.02	1.03	35.02	467.00
21.04	0.97	33.46	452.47
21.06	0.92	32.13	442.58
21.08	0.91	31.24	450.72
21.10	0.90	28.57	469.91
21.12	0.91	25.68	477.47
21.14	0.91	22.79	478.63
21.16	0.91	22.12	473.40
21.18	0.91	20.79	475.72
21.20	0.92	18.79	487.93
21.22	0.92	17.46	493.17
21.24	0.91	16.79	496.65
21.26	0.90	17.24	504.21
21.28	0.91	16.12	512.35
21.30	0.91	15.24	517.00
21.32	0.92	14.35	520.49
21.34	0.91	14.79	523.98
21.36	0.93	14.12	537.35
21.38	0.95	14.12	541.42
21.40	1.09	14.79	608.87
21.42	0.96	13.01	541.42
21.44	0.97	11.90	562.36
21.46	0.98	12.35	570.50
21.48	0.98	13.46	568.17
21.50	0.97	13.90	560.61

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	0.96	14.35	565.26
21.54	0.97	14.13	584.45
21.56	1.08	13.68	627.48
21.58	1.09	12.57	635.61
21.60	1.16	11.90	655.39
21.62	1.22	12.57	671.08
21.64	1.43	13.46	722.83
21.66	1.35	15.46	645.50
21.68	1.43	17.46	614.69
21.70	1.39	21.46	629.22
21.72	1.39	21.24	552.47
21.74	1.33	22.57	571.66
21.76	1.28	25.68	570.50
21.78	1.29	27.02	600.73
21.80	1.34	26.35	626.90
21.82	1.38	25.24	627.48
21.84	1.29	24.13	601.31
21.86	1.19	23.91	586.78
21.88	1.15	21.46	592.01
21.90	1.12	19.02	596.08
21.92	1.14	17.68	625.73
21.94	1.43	15.24	605.96
21.96	1.40	20.13	618.75
21.98	1.41	20.35	637.94
22.00	1.43	21.24	667.60
22.02	1.41	21.46	646.66
22.04	1.39	22.13	677.48
22.06	1.46	21.46	658.87
22.08	1.58	23.46	708.30
22.10	1.71	21.02	768.18
22.12	1.83	19.24	803.65
22.14	1.93	19.69	810.04
22.16	2.02	22.35	715.27
22.18	2.12	29.46	678.06
22.20	2.17	35.69	607.12
22.22	2.19	42.58	543.17
22.24	2.21	54.35	482.70
22.26	2.21	66.58	439.09
22.28	2.23	75.24	418.16
22.30	2.26	79.91	408.28
22.32	2.26	83.46	402.46
22.34	2.25	85.24	389.09
22.36	2.31	89.24	382.11
22.38	2.31	91.24	379.79
22.40	2.31	89.02	370.49
22.42	2.36	87.68	367.58
22.44	2.41	89.01	368.16
22.46	2.52	92.35	371.65
22.48	2.58	92.79	358.28
22.50	2.55	93.23	338.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	2.60	95.67	330.95
22.54	2.69	98.78	335.60
22.56	2.75	101.89	350.71
22.58	2.79	103.67	364.09
22.60	2.79	102.56	353.62
22.62	2.79	105.00	340.25
22.64	2.84	105.22	337.92
22.66	2.78	105.22	349.55
22.68	2.87	100.11	375.13
22.70	2.91	98.77	376.88
22.72	2.89	102.55	360.60
22.74	2.90	107.00	347.81
22.76	2.95	110.99	329.79
22.78	2.94	114.77	323.39
22.80	2.95	119.66	330.37
22.82	2.93	125.43	322.80
22.84	2.87	126.99	296.06
22.86	2.48	106.31	356.53
22.88	2.84	131.43	374.55
22.90	2.78	130.31	372.23
22.92	2.82	126.54	360.60
22.94	2.75	123.20	347.23
22.96	2.69	120.54	329.20
22.98	2.65	117.87	305.95
23.00	2.56	117.42	290.83
23.02	2.52	117.20	286.76
23.04	2.48	114.31	279.20
23.06	2.41	111.64	271.64
23.08	2.36	110.53	266.99
23.10	2.35	112.97	262.34
23.12	2.39	114.30	260.60
23.14	2.40	110.75	265.83
23.16	2.34	106.75	265.25
23.18	2.32	102.08	271.06
23.20	2.28	99.41	279.20
23.22	2.23	98.08	286.18
23.24	2.23	90.74	292.57
23.26	2.23	82.97	283.85
23.28	2.19	85.41	281.52
23.30	2.17	86.74	279.78
23.32	2.15	88.74	282.10
23.34	2.13	89.18	279.78
23.36	2.05	90.07	269.90
23.38	1.96	94.96	259.43
23.40	1.86	93.85	250.13
23.42	1.84	90.96	241.99
23.44	1.79	92.07	240.82
23.46	1.75	91.18	233.85
23.48	1.69	88.29	220.48
23.50	1.62	88.74	213.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.55	87.40	207.10
23.54	1.50	86.29	206.52
23.56	1.48	82.96	207.69
23.58	1.49	75.62	211.17
23.60	1.50	70.07	214.08
23.62	1.50	65.84	220.48
23.64	1.54	62.73	230.94
23.66	1.62	58.51	235.59
23.68	1.65	55.62	228.61
23.70	1.63	58.07	222.80
23.72	1.62	62.07	222.22
23.74	1.61	66.73	220.48
23.76	1.60	70.07	218.15
23.78	1.60	72.96	219.90
23.80	1.61	76.29	220.48
23.82	1.61	77.18	222.22
23.84	1.55	76.07	220.48
23.86	1.55	71.85	221.64
23.88	1.62	67.42	276.29
23.90	1.64	65.42	281.52
23.92	1.63	65.20	287.92
23.94	1.67	64.09	267.57
23.96	1.67	63.87	254.78
23.98	1.64	65.87	248.39
24.00	1.63	69.87	246.64
24.02	1.64	72.76	247.22
24.04	1.63	74.31	246.06
24.06	1.62	74.98	239.08
24.08	1.57	76.53	232.10
24.10	1.54	77.20	232.69
24.12	1.52	75.64	232.69
24.14	1.51	72.76	230.36
24.16	1.50	69.87	228.61
24.18	1.50	68.76	228.03
24.20	1.49	66.98	226.87
24.22	1.48	64.31	233.27
24.24	1.51	61.87	239.08
24.26	1.55	60.31	240.24
24.28	1.56	60.98	235.59
24.30	1.57	62.09	239.08
24.32	1.61	63.20	245.48
24.34	1.66	63.20	246.06
24.36	1.68	64.53	248.97
24.38	1.73	66.31	254.78
24.40	1.73	67.86	267.57
24.42	1.85	65.42	287.34
24.44	1.97	63.20	293.73
24.46	2.05	61.64	285.60
24.48	2.08	65.20	269.31
24.50	2.08	69.86	258.85

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	2.08	72.31	247.80
24.54	2.10	77.20	243.15
24.56	2.14	83.86	240.24
24.58	2.12	93.64	237.34
24.60	2.11	96.98	231.52
24.62	2.12	95.64	224.55
24.64	2.16	95.86	219.90
24.66	2.16	96.98	213.50
24.68	2.19	98.53	212.92
24.70	2.21	102.97	217.57
24.72	2.22	105.19	218.73
24.74	2.23	105.64	216.99
24.76	2.20	106.08	205.36
24.78	2.10	106.30	193.15
24.80	2.04	103.86	186.75
24.82	1.98	98.08	185.01
24.84	1.97	93.41	189.08
24.86	1.99	88.75	193.73
24.88	1.90	76.53	262.92
24.90	2.07	80.98	275.13
24.92	2.03	79.42	269.31
24.94	1.96	78.09	256.52
24.96	1.85	76.76	240.82
24.98	1.78	74.98	229.78
25.00	1.67	77.64	225.71
25.02	1.62	77.42	222.80
25.04	1.56	74.75	226.29
25.06	1.55	70.31	226.29
25.08	1.54	65.64	228.03
25.10	1.57	62.53	232.10
25.12	1.60	59.64	233.85
25.14	1.61	57.86	230.36
25.16	1.57	56.98	223.96
25.18	1.54	58.31	214.08
25.20	1.48	61.86	208.27
25.22	1.42	63.86	205.94
25.24	1.38	64.98	204.20
25.26	1.37	63.86	207.69
25.28	1.39	60.75	213.50
25.30	1.41	56.09	217.57
25.32	1.41	51.64	224.55
25.34	1.41	45.86	229.20
25.36	1.41	40.53	236.76
25.38	1.39	36.31	248.39
25.40	1.43	32.53	261.18
25.42	1.50	29.64	265.25
25.44	1.49	30.75	271.64
25.46	1.44	30.98	275.13
25.48	1.46	31.20	278.04
25.50	1.46	32.76	283.27

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.50	33.64	287.92
25.54	1.51	38.31	292.57
25.56	1.55	40.76	301.88
25.58	1.61	40.98	307.11
25.60	1.64	41.87	309.43
25.62	1.72	44.09	320.48
25.64	1.76	44.31	316.41
25.66	1.82	46.54	309.43
25.68	1.88	50.76	316.41
25.70	1.94	56.54	319.32
25.72	2.00	60.54	320.48
25.74	2.05	63.43	312.34
25.76	2.09	67.87	305.95
25.78	2.17	72.76	306.53
25.80	2.22	76.10	305.95
25.82	2.27	79.21	309.43
25.84	2.32	80.10	294.90
25.86	2.35	84.10	278.62
25.88	2.32	92.77	342.00
25.90	2.39	93.88	318.16
25.92	2.36	96.55	290.83
25.94	2.30	100.77	275.13
25.96	2.25	104.33	253.62
25.98	2.16	106.99	235.01
26.00	2.05	104.55	216.40
26.02	1.89	104.55	204.20
26.04	1.81	100.10	195.48
26.06	1.79	93.88	186.17
26.08	1.76	88.99	182.68
26.10	1.75	86.77	185.59
26.12	1.81	81.43	195.48
26.14	1.88	73.65	207.10
26.16	2.05	65.87	217.57
26.18	2.10	62.10	214.66
26.20	2.02	64.10	204.20
26.22	1.97	68.32	203.03
26.24	1.96	71.21	200.12
26.26	1.90	77.20	203.03
26.28	1.92	79.87	205.36
26.30	1.92	84.98	208.85
26.32	1.94	84.98	214.66
26.34	1.96	80.54	215.82
26.36	1.97	78.09	215.24
26.38	1.96	77.43	213.50
26.40	1.92	78.53	214.08
26.42	1.91	81.20	209.43
26.44	1.92	83.65	208.27
26.46	1.88	86.53	206.52
26.48	1.85	89.64	204.78
26.50	1.75	93.42	207.10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.75	92.76	209.43
26.54	1.80	86.09	207.10
26.56	1.75	83.86	205.94
26.58	1.75	80.53	205.36
26.60	1.73	77.20	201.87
26.62	1.66	72.98	197.22
26.64	1.59	71.64	191.99
26.66	1.55	72.31	186.17
26.68	1.50	71.42	182.10
26.70	1.42	70.75	174.54
26.72	1.33	71.86	173.38
26.74	1.31	66.31	172.80
26.76	1.21	63.42	171.63
26.78	1.17	56.75	173.38
26.80	1.14	51.86	177.45
26.82	1.14	44.97	189.08
26.84	1.18	34.97	203.03
26.86	1.19	29.86	212.33
26.88	1.69	13.66	586.20
26.90	1.82	17.66	457.12
26.92	1.70	24.54	403.04
26.94	1.60	26.99	389.67
26.96	1.46	29.44	410.02
26.98	1.42	26.99	387.35
27.00	1.32	25.66	389.67
27.02	1.28	24.77	417.58
27.04	1.30	24.99	456.53
27.06	1.30	23.88	489.68
27.08	1.33	22.11	517.00
27.10	1.32	22.77	540.84
27.12	1.32	23.88	573.99
27.14	1.37	22.33	614.10
27.16	1.40	22.11	636.78
27.18	1.45	22.55	667.60
27.20	1.55	22.11	727.48
27.22	1.62	21.66	725.16
27.24	1.63	21.00	703.64
27.26	1.58	19.89	697.83
27.28	1.56	21.44	696.67
27.30	1.64	23.89	704.22
27.32	1.73	24.55	716.43
27.34	1.80	25.89	723.41
27.36	1.81	28.33	656.55
27.38	1.74	27.67	617.59
27.40	1.68	29.67	613.52
27.42	1.59	32.11	610.03
27.44	1.50	29.45	619.92
27.46	1.51	29.00	645.50
27.48	1.50	30.34	654.80
27.50	1.47	28.11	675.73

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova **1**

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.47	26.56	714.69
27.54	1.58	25.23	785.62
27.56	1.86	24.11	904.23
27.58	2.01	21.23	865.28
27.60	2.00	23.45	687.94
27.62	1.98	31.45	651.90
27.64	1.89	37.23	632.71
27.66	1.79	42.34	636.20
27.68	1.77	43.67	672.83
27.70	1.81	44.78	690.85
27.72	1.79	44.12	729.22
27.74	1.75	36.34	738.53
27.76	1.71	32.78	738.53
27.78	1.70	32.56	732.13
27.80	1.64	33.89	717.01
27.82	1.65	35.89	713.53
27.84	1.67	40.56	744.34
27.86	1.81	37.01	824.58
27.88	1.92	32.12	892.02
27.90	2.65	43.45	442.00
27.92	2.72	50.57	328.62
27.94	2.70	64.12	337.34
27.96	2.59	66.79	350.71
27.98	2.30	70.12	280.36
28.00	2.07	78.79	253.03
28.02	1.99	75.45	282.69
28.04	2.04	65.45	309.43
28.06	2.07	60.56	333.27
28.08	2.23	59.01	375.13
28.10	2.55	60.79	432.11
28.12	2.96	52.78	527.47
28.14	3.44	46.78	498.40
28.16	3.71	52.78	385.02
28.18	3.90	63.45	287.92
28.20	3.85	77.23	188.50
28.22	3.63	86.56	140.82
28.24	3.27	86.78	118.14
28.26	3.11	81.45	112.91
28.28	3.05	73.67	113.49
28.30	2.91	72.34	108.26
28.32	2.75	71.89	105.35
28.34	2.53	66.78	113.49
28.36	2.59	66.56	112.33
28.38	2.49	68.33	116.98
28.40	2.24	63.00	115.82
28.42	1.97	57.89	98.38
28.44	1.61	53.44	83.84
28.46	1.51	55.88	94.30
28.48	1.55	55.44	115.24
28.50	1.63	52.77	142.56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	1.74	49.44	164.08
28.54	1.76	45.66	179.20
28.56	1.76	44.32	189.66
28.58	1.76	44.77	195.48
28.60	1.73	46.99	200.70
28.62	1.69	50.99	194.31
28.64	1.62	58.99	192.57
28.66	1.60	65.21	196.64
28.68	1.58	67.88	198.96
28.70	1.58	67.88	205.36
28.72	1.58	69.21	216.40
28.74	1.65	68.10	229.78
28.76	1.74	66.77	246.06
28.78	1.79	65.66	253.03
28.80	1.80	65.43	257.69
28.82	1.82	64.32	258.85
28.84	1.80	66.32	257.69
28.86	1.58	57.22	513.51
28.88	1.89	70.33	555.96
28.90	1.91	71.67	516.42
28.92	1.88	71.22	492.59
28.94	1.86	65.22	435.02
28.96	1.87	73.00	415.83
28.98	1.80	73.67	388.51
29.00	1.73	74.78	375.13
29.02	1.69	77.44	369.90
29.04	1.67	78.78	369.90
29.06	1.67	77.44	375.13
29.08	1.62	75.22	382.11
29.10	1.61	71.89	393.74
29.12	1.63	66.77	412.93
29.14	1.65	63.00	437.35
29.16	1.69	60.11	467.58
29.18	1.72	56.77	468.16
29.20	1.72	53.88	483.86
29.22	1.72	52.11	505.96
29.24	1.76	51.88	532.70
29.26	1.79	51.00	523.98
29.28	1.77	51.44	517.59
29.30	1.76	50.55	494.91
29.32	1.70	52.33	482.12
29.34	1.67	55.66	457.12
29.36	1.58	59.22	423.40
29.38	1.55	62.11	412.35
29.40	1.51	65.00	425.14
29.42	1.49	65.44	447.23
29.44	1.49	64.33	473.98
29.46	1.49	60.11	473.40
29.48	1.46	57.00	471.07
29.50	1.44	53.00	456.53

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	1.42	50.33	449.56
29.54	1.42	46.55	461.19
29.56	1.37	45.00	450.72
29.58	1.34	45.89	456.53
29.60	1.38	45.44	478.05
29.62	1.43	43.66	522.24
29.64	1.51	41.22	579.22
29.66	1.61	38.33	594.33
29.68	1.61	37.66	584.45
29.70	1.61	37.66	571.66
29.72	1.62	38.55	572.82
29.74	1.61	38.55	562.36
29.76	1.58	40.78	546.08
29.78	1.55	43.00	505.96
29.80	1.47	46.11	480.96
29.82	1.42	48.34	473.40
29.84	1.40	49.00	482.70
29.86	1.37	47.90	719.92
29.88	1.40	49.90	737.95
29.90	1.44	47.46	753.65
29.92	1.43	44.35	751.90
29.94	1.44	41.68	739.69
29.96	1.45	40.79	750.74
29.98	1.45	39.90	757.71
30.00	1.44	39.68	744.92
30.02	1.41	39.46	722.83
30.04	1.39	39.90	705.39
30.06	1.33	40.56	691.43
30.08	1.32	39.45	682.13
30.10	1.32	38.34	685.04
30.12	1.33	38.12	687.94
30.14	1.33	37.45	687.36
30.16	1.33	38.56	686.78
30.18	1.34	38.57	662.94
30.20	1.32	40.12	652.48
30.22	1.33	41.68	659.45
30.24	1.37	41.23	696.67
30.26	1.43	39.23	718.76
30.28	1.47	38.57	728.06
30.30	1.49	38.35	669.92
30.32	1.50	39.68	635.61
30.34	1.50	39.46	612.36
30.36	1.52	39.23	586.78
30.38	1.57	41.23	602.48
30.40	1.62	43.46	626.90
30.42	1.68	44.79	596.66
30.44	1.69	47.46	564.68
30.46	1.73	49.46	547.82
30.48	1.76	53.01	568.17
30.50	1.82	54.79	590.26

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	1.87	56.57	605.96
30.54	1.93	57.01	599.57
30.56	1.93	61.45	656.55
30.58	2.00	60.12	723.41
30.60	2.13	56.56	807.14
30.62	2.24	50.34	793.18
30.64	2.22	53.01	669.92
30.66	2.07	54.79	596.08
30.68	1.89	57.01	558.87
30.70	1.76	61.01	535.61
30.72	1.73	66.34	574.57
30.74	1.83	65.01	655.39
30.76	1.98	62.12	753.06
30.78	2.07	56.56	796.67
30.80	2.07	50.78	743.18
30.82	2.05	47.45	684.46
30.84	1.90	46.79	734.46
30.86	1.90	53.46	658.87
30.88	1.80	61.68	629.22
30.90	1.73	65.46	644.92
30.92	1.65	68.12	646.66
30.94	1.66	67.90	686.78
30.96	1.80	62.12	775.16
30.98	1.92	51.90	813.53
31.00	1.94	46.12	837.37
31.02	1.93	38.57	760.04
31.04	1.90	40.12	736.20
31.06	1.93	42.57	726.32
31.08	1.90	48.12	758.30
31.10	1.94	48.57	764.11
31.12	1.90	54.57	752.48
31.14	1.92	57.23	717.01
31.16	1.93	60.79	726.90
31.18	1.98	60.35	762.95
31.20	2.07	57.23	689.69
31.22	2.27	57.23	644.92
31.24	2.57	60.34	540.26
31.26	2.83	61.01	440.84
31.28	3.12	62.56	288.50
31.30	3.11	67.90	177.45
31.32	2.66	73.23	122.80
31.34	2.06	68.34	94.89
31.36	1.70	60.78	86.17
31.38	1.46	58.12	96.63
31.40	1.37	51.01	119.89
31.42	1.38	43.45	148.96
31.44	1.43	39.45	182.68
31.46	1.49	32.12	229.78
31.48	1.56	26.34	276.29
31.50	1.58	25.89	312.92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	1.57	28.56	332.69
31.54	1.57	32.12	360.02
31.56	1.53	36.34	376.88
31.58	1.47	39.90	394.90
31.60	1.40	44.12	415.25
31.62	1.38	45.01	436.19
31.64	1.35	44.12	453.63
31.66	1.33	42.12	465.84
31.68	1.32	42.34	481.54
31.70	1.32	41.01	505.96
31.72	1.33	39.23	530.38
31.74	1.33	37.67	550.73
31.76	1.34	36.34	568.75
31.78	1.33	36.12	592.59
31.80	1.34	35.68	621.08
31.82	1.38	33.90	674.57
31.84	1.43	34.56	717.60
31.86	1.50	33.24	1017.03
31.88	1.62	35.24	1015.29
31.90	1.66	35.24	962.38
31.92	1.66	33.46	792.60
31.94	1.62	35.68	736.20
31.96	1.52	38.57	788.53
31.98	1.45	38.35	778.07
32.00	1.40	39.46	760.04
32.02	1.35	40.79	755.39
32.04	1.33	42.13	733.30
32.06	1.32	43.46	759.46
32.08	1.34	39.68	797.25
32.10	1.39	36.13	823.42
32.12	1.41	35.24	831.56
32.14	1.44	34.35	825.16
32.16	1.45	34.35	814.70
32.18	1.46	33.68	787.37
32.20	1.50	33.91	766.44
32.22	1.51	36.35	764.11
32.24	1.53	38.79	763.53
32.26	1.56	39.91	749.00
32.28	1.58	42.13	705.39
32.30	1.59	45.02	676.90
32.32	1.64	47.91	637.36
32.34	1.62	51.91	618.17
32.36	1.64	55.91	599.57
32.38	1.65	59.46	587.36
32.40	1.65	62.57	586.20
32.42	1.65	65.91	583.87
32.44	1.66	67.46	561.19
32.46	1.64	68.79	536.77
32.48	1.64	69.24	528.63
32.50	1.65	68.79	500.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	1.62	70.35	487.35
32.54	1.58	70.57	494.33
32.56	1.62	69.01	495.49
32.58	1.61	70.79	505.38
32.60	1.63	70.57	514.68
32.62	1.65	70.79	526.30
32.64	1.71	70.35	548.98
32.66	1.80	68.79	579.22
32.68	1.87	68.12	601.31
32.70	1.92	68.12	608.29
32.72	1.95	67.67	589.10
32.74	1.95	70.12	555.96
32.76	1.97	70.56	543.75
32.78	1.99	73.01	571.66
32.80	2.00	75.67	556.54
32.82	2.03	74.78	492.59
32.84	2.01	72.56	400.72
32.86	1.80	68.34	467.00
32.88	1.95	84.79	470.49
32.90	1.95	85.45	406.53
32.92	1.94	83.90	330.95
32.94	1.83	87.23	330.37
32.96	1.83	89.01	350.71
32.98	1.94	83.01	383.28
33.00	2.01	77.23	382.11
33.02	2.09	78.56	404.20
33.04	2.06	79.45	397.81
33.06	2.01	76.78	357.69
33.08	2.00	74.34	339.09
33.10	2.00	77.67	332.11
33.12	2.00	81.67	332.11
33.14	2.05	82.34	346.06
33.16	2.12	84.78	318.74
33.18	2.16	88.56	296.06
33.20	2.15	91.22	271.06
33.22	2.15	94.78	240.24
33.24	2.06	104.33	227.45
33.26	2.00	111.22	223.38
33.28	2.03	112.33	229.78
33.30	1.99	111.00	230.36
33.32	2.00	105.88	237.92
33.34	2.05	99.00	241.99
33.36	2.03	97.66	251.87
33.38	2.08	93.88	271.64
33.40	2.22	95.22	291.99
33.42	2.39	94.55	313.50
33.44	2.47	93.22	311.76
33.46	2.54	95.22	287.92
33.48	2.52	100.10	273.39
33.50	2.50	102.10	275.71

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova 1

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	2.46	104.55	267.57
33.54	2.45	105.88	261.18
33.56	2.46	107.21	254.20
33.58	2.46	109.66	251.29
33.60	2.38	109.43	240.24
33.62	2.24	108.77	235.01
33.64	2.21	106.32	236.76
33.66	2.16	104.54	243.73
33.68	2.12	98.99	255.94
33.70	2.10	93.43	257.10
33.72	2.05	90.99	263.50
33.74	2.04	85.21	280.36
33.76	1.99	77.87	299.55
33.78	1.94	71.65	307.69
33.80	1.87	70.32	308.27
33.82	1.82	72.54	312.92
33.84	1.76	76.54	338.50
33.86	1.88	63.44	913.54
33.88	1.94	57.22	854.23
33.90	2.06	57.66	835.05
33.92	2.16	57.66	789.11
33.94	2.25	58.11	734.46
33.96	2.33	62.77	782.13
33.98	2.45	63.00	837.95
34.00	2.58	63.22	694.92
34.02	2.63	71.67	595.50
34.04	2.52	81.89	545.50
34.06	2.52	86.78	496.07
34.08	2.54	94.11	500.14
34.10	2.54	100.11	547.82
34.12	2.65	102.11	548.40
34.14	2.72	104.33	468.16
34.16	2.64	108.78	429.79
34.18	2.53	110.55	406.53
34.20	2.45	108.55	396.65
34.22	2.49	107.22	403.62
34.24	2.57	108.77	416.42
34.26	2.64	108.55	407.70
34.28	2.63	106.11	400.72
34.30	2.64	106.33	404.20
34.32	2.60	104.99	404.79
34.34	2.68	102.33	370.49
34.36	2.65	105.66	355.37
34.38	2.45	91.43	328.62
34.40	2.54	110.99	323.97
34.42	2.46	106.99	296.64
34.44	2.39	102.99	279.78
34.46	2.41	106.32	278.04
34.48	2.45	104.32	273.97
34.50	2.36	101.88	282.69

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	2.34	96.32	285.01
34.54	2.30	89.65	272.80
34.56	2.29	91.65	271.64
34.58	2.22	88.32	288.50
34.60	2.21	84.76	307.69
34.62	2.14	84.32	334.43
34.64	2.17	78.54	371.07
34.66	2.20	74.99	394.90
34.68	2.12	73.87	386.76
34.70	2.08	71.43	394.90
34.72	2.10	70.54	433.86
34.74	2.14	67.87	467.00
34.76	2.11	66.99	498.40
34.78	2.17	69.88	528.63
34.80	2.29	72.54	554.21
34.82	2.52	67.42	729.80
34.84	2.50	74.75	661.20
34.86	2.50	80.31	612.36
34.88	2.47	82.75	549.56
34.90	2.36	87.86	489.68
34.92	2.26	93.20	460.60
34.94	2.12	96.53	432.11
34.96	2.03	93.86	410.60
34.98	1.93	89.20	395.49
35.00	1.90	88.31	386.76
35.02	1.88	86.53	393.74
35.04	1.86	81.64	398.98
35.06	1.87	77.19	403.04
35.08	1.86	74.75	408.86
35.10	1.92	70.53	426.88
35.12	2.00	67.42	429.21
35.14	2.07	67.86	446.65
35.16	2.12	69.20	453.05
35.18	2.14	70.53	439.68
35.20	2.11	73.64	418.74
35.22	2.07	76.75	412.35
35.24	2.09	80.09	407.70
35.26	2.09	81.20	411.19
35.28	2.07	80.09	406.53
35.30	2.05	81.20	389.09
35.32	2.00	82.76	380.95
35.34	1.93	82.53	378.62
35.36	1.91	79.42	376.30
35.38	1.91	77.87	368.74
35.40	1.93	78.09	380.37
35.42	2.00	76.31	393.74
35.44	2.03	72.98	393.74
35.46	2.00	72.31	382.11
35.48	1.97	73.65	377.46
35.50	1.99	75.20	369.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	1.92	77.87	361.76
35.54	1.82	77.65	355.37
35.56	1.74	80.98	347.81
35.58	1.66	79.20	333.85
35.60	1.55	78.54	330.95
35.62	1.51	75.43	329.20
35.64	1.49	71.65	349.55
35.66	1.52	64.98	367.58
35.68	1.54	60.31	382.70
35.70	1.57	55.43	399.56
35.72	1.58	51.43	415.25
35.74	1.62	49.65	432.70
35.76	1.66	48.10	447.23
35.78	1.72	48.32	469.91
35.80	1.76	48.54	486.19
35.82	1.86	52.78	737.37
35.84	1.94	56.56	735.62
35.86	2.05	59.67	766.44
35.88	2.15	61.67	799.00
35.90	2.30	63.23	782.72
35.92	2.43	63.23	668.76
35.94	2.57	65.90	554.80
35.96	2.64	72.78	485.60
35.98	2.72	77.45	486.77
36.00	2.83	81.89	517.00
36.02	2.90	85.89	457.70
36.04	2.84	91.01	386.76
36.06	2.71	96.56	321.06
36.08	2.59	100.11	288.50
36.10	2.41	100.56	280.94
36.12	2.34	96.11	277.46
36.14	2.33	92.78	276.88
36.16	2.30	92.33	271.64
36.18	2.28	93.44	263.50
36.20	2.27	90.77	261.18
36.22	2.33	88.33	264.66
36.24	2.37	87.66	278.62
36.26	2.45	90.99	292.57
36.28	2.47	92.55	293.15
36.30	2.50	95.88	289.67
36.32	2.52	96.10	285.60
36.34	2.48	97.21	294.90
36.36	2.50	95.21	310.01
36.38	2.66	95.21	334.43
36.40	2.81	94.99	335.60
36.42	2.87	96.54	311.76
36.44	2.86	96.99	280.36
36.46	2.81	98.32	253.03
36.48	2.62	95.87	225.71
36.50	2.58	103.43	223.96

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Committente AUTOSTRADA DEL BRENNERO SPA

Località BUDRIONE

Cantiere SOVRAPASSO N° 130

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.90 ml

Prova **1**

Cert. N. 95/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	2.60	107.43	221.06
36.54	2.57	108.10	212.33
36.56	2.50	106.99	210.01
36.58	2.47	103.87	212.33
36.60	2.47	99.87	211.75
36.62	2.40	97.65	221.64
36.64	2.40	94.54	226.87
36.66	2.30	91.43	232.69
36.68	2.24	91.43	244.31
36.70	2.16	87.87	250.71
36.72	2.10	86.54	256.52
36.74	2.05	87.87	278.04
36.76	2.03	77.21	325.71
36.78	1.99	69.88	353.04
36.80	1.83	61.85	734.46
36.82	1.90	63.40	755.97
36.84	1.90	65.63	762.37
36.86	1.91	64.07	733.88
36.88	1.91	65.18	707.71
36.90	1.92	65.40	715.85
36.92	1.99	65.63	715.85
36.94	2.05	67.85	685.62
36.96	2.10	70.74	662.36
36.98	2.15	71.18	637.36
37.00	2.19	71.63	608.29
37.02	2.20	72.52	573.99
37.04	2.23	71.63	549.56
37.06	2.23	73.19	507.12
37.08	2.21	79.86	530.96
37.10	2.21	82.74	526.30
37.12	2.22	85.86	498.40
37.14	2.20	86.30	476.30
37.16	2.10	87.41	494.91
37.18	2.09	84.75	518.17
37.20	2.09	80.30	519.33
37.22	2.09	75.63	507.12
37.24	2.08	72.97	498.40
37.26	2.05	71.19	476.30
37.28	2.03	68.75	473.40
37.30	1.99	66.97	468.75
37.32	1.96	66.97	475.72
37.34	1.96	68.75	487.93
37.36	1.95	66.53	501.30
37.38	1.91	64.08	514.68
37.40	1.91	63.86	531.54
37.42	1.90	60.53	548.98
37.44	1.88	57.64	569.33
37.46	1.85	55.20	579.80
37.48	1.84	52.76	600.73
37.50	1.78	50.76	619.33

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	1.78	47.42	649.57
37.54	1.75	46.54	669.34
37.56	1.74	45.43	692.60
37.58	1.73	42.98	736.79
37.60	1.72	40.10	768.18
37.62	1.72	38.54	776.90
37.64	1.64	38.32	758.88
37.66	1.60	38.54	779.81
37.68	1.58	35.21	812.37
37.70	1.57	31.44	846.09
37.72	1.56	28.77	883.89
37.74	1.56	27.44	929.24
37.76	1.58	24.11	982.73
37.78	1.78	11.24	844.93
37.80	1.94	16.35	769.92
37.82	1.92	24.58	749.00
37.84	1.83	29.02	747.25
37.86	1.71	32.80	772.83
37.88	1.64	31.24	807.72
37.90	1.59	29.69	843.77
37.92	1.57	27.69	884.47
37.94	1.54	27.47	922.84
37.96	1.54	24.58	971.68
37.98	1.57	21.69	1041.45
38.00	1.62	20.13	1092.62
38.02	1.68	19.02	1132.74
38.04	1.76	20.13	1146.11
38.06	1.87	22.36	1146.69
38.08	1.93	24.58	1039.71
38.10	1.92	30.36	974.00
38.12	1.90	33.91	950.75
38.14	1.93	38.13	970.52
38.16	1.96	42.13	933.89
38.18	1.88	44.80	913.54
38.20	1.87	44.36	914.12
38.22	1.80	46.58	905.40
38.24	1.80	46.58	944.35
38.26	1.90	45.02	1050.18
38.28	2.04	42.36	1077.50
38.30	2.14	43.02	997.26
38.32	2.13	47.25	894.93
38.34	2.14	48.58	798.41
38.36	2.11	51.91	724.58
38.38	2.06	57.91	690.85
38.40	2.05	65.24	683.29
38.42	2.06	72.58	709.46
38.44	2.16	76.36	772.25
38.46	2.30	75.02	879.23
38.48	2.42	69.91	905.40
38.50	2.45	66.80	717.01

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	2.40	70.13	628.64
38.54	2.31	76.79	590.26
38.56	2.26	82.35	571.66
38.58	2.22	83.02	561.78
38.60	2.23	90.35	540.26
38.62	2.24	93.24	499.56
38.64	2.19	92.57	490.84
38.66	2.18	89.68	489.68
38.68	2.18	85.46	514.10
38.70	2.19	80.12	528.63
38.72	2.23	77.23	544.33
38.74	2.29	76.56	517.59
38.76	2.27	79.01	503.63
38.78	2.21	80.56	490.26
38.80	1.72	60.58	783.88
38.82	2.10	73.02	817.02
38.84	2.11	75.02	814.70
38.86	2.13	72.36	771.67
38.88	2.19	75.47	778.65
38.90	2.24	76.36	795.51
38.92	2.25	74.13	738.53
38.94	2.25	72.80	669.34
38.96	2.24	71.69	636.78
38.98	2.21	72.79	649.57
39.00	2.22	75.68	679.80
39.02	2.25	79.46	703.06
39.04	2.23	76.13	654.80
39.06	2.14	78.13	651.31
39.08	2.18	76.35	688.52
39.10	2.21	73.90	708.88
39.12	2.21	72.57	745.50
39.14	2.24	69.02	762.95
39.16	2.26	70.35	761.20
39.18	2.25	70.35	779.81
39.20	2.29	67.90	808.30
39.22	2.31	67.46	792.02
39.24	2.29	66.79	730.39
39.26	2.22	67.01	701.90
39.28	2.16	69.24	672.83
39.30	2.06	70.79	654.80
39.32	1.98	69.24	611.78
39.34	1.92	72.35	629.80
39.36	1.85	73.68	686.78
39.38	1.86	66.57	758.88
39.40	1.85	60.57	803.07
39.42	1.81	55.24	830.98
39.44	1.80	50.57	830.98
39.46	1.78	49.01	875.75
39.48	1.80	44.79	967.61
39.50	1.90	41.24	1004.82

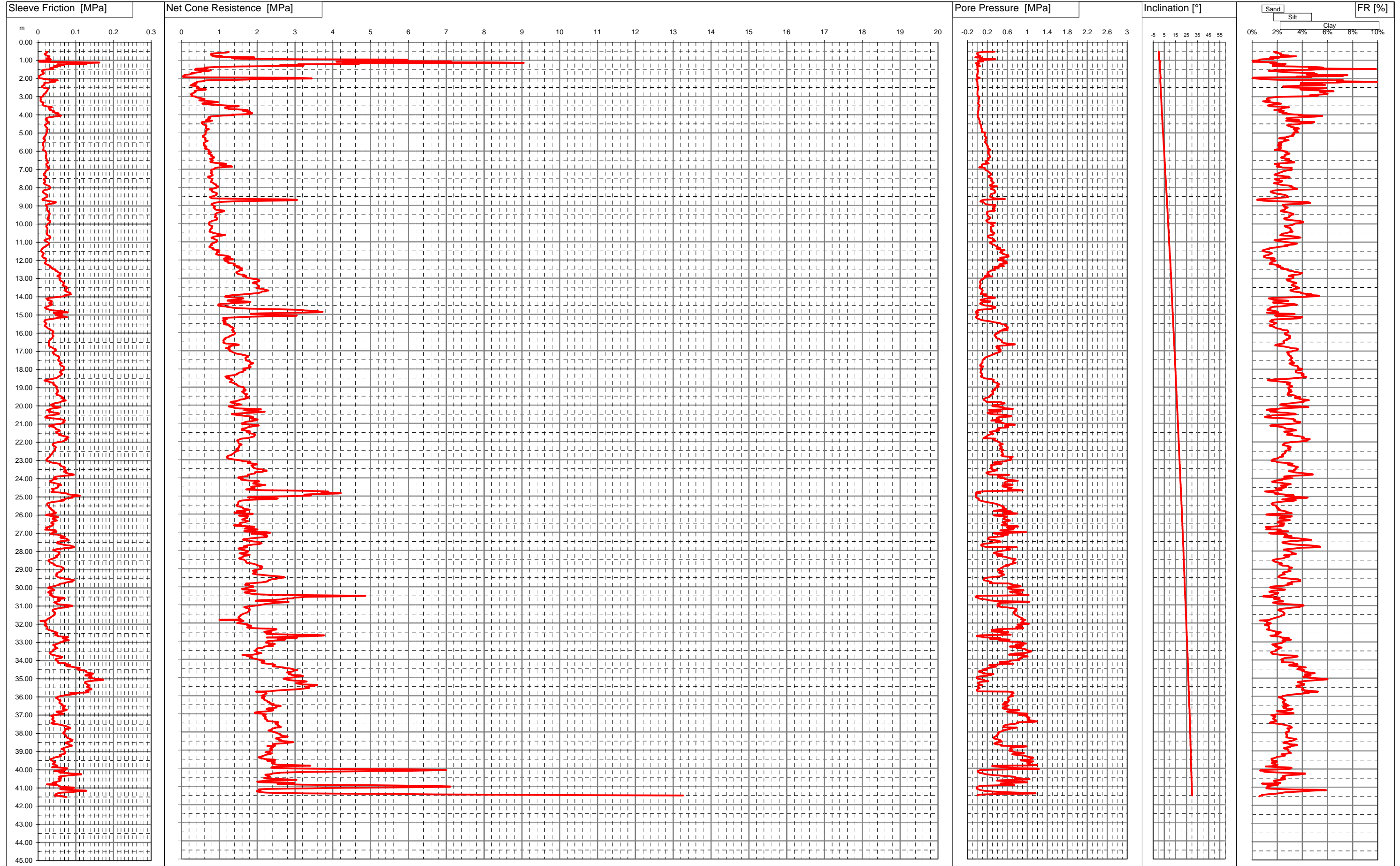




Committente AUTOSTRADA DEL BRENNERO SPA  
 Località CARPI  
 Cantiere SOVRAPASSO N° 134  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 94/2012  
 Data 12/03/12 Emesso il 13/03/12  
 Falda 1.70 ml  
 Preforo 0.50 m. p.c.

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	1.23	21.29	346.06
0.54	1.25	23.96	133.26
0.56	1.22	25.30	31.51
0.58	1.17	21.75	14.65
0.60	0.99	21.08	-2.80
0.62	0.84	19.97	-9.77
0.64	0.79	17.98	-10.93
0.66	0.77	17.53	-1.63
0.68	0.78	17.98	14.07
0.70	0.78	19.98	22.21
0.72	0.83	21.76	25.11
0.74	0.80	23.99	15.81
0.76	1.07	24.88	60.58
0.78	0.83	30.22	24.53
0.80	0.92	27.77	44.30
0.82	1.47	28.22	65.81
0.84	1.92	27.78	-42.91
0.86	1.32	28.89	54.19
0.88	1.46	27.34	95.47
0.90	1.39	21.56	55.93
0.92	1.80	31.34	186.17
0.94	3.12	26.46	361.18
0.96	5.97	33.80	250.71
0.98	5.60	32.91	72.21
1.00	4.26	24.91	23.95
1.02	5.64	3.35	8.83
1.04	5.64	3.35	8.83
1.06	7.13	2.52	115.82
1.08	4.09	3.40	21.05
1.10	6.32	110.07	22.21
1.12	8.32	162.73	0.70
1.14	9.05	142.51	15.81
1.16	5.20	75.84	-30.12
1.18	4.25	92.51	35.00
1.20	4.69	128.28	11.74
1.22	3.08	50.95	11.74
1.24	3.23	61.18	21.63
1.26	2.65	68.95	-10.35
1.28	2.59	60.29	26.28
1.30	3.22	58.28	1.28
1.32	2.59	42.72	53.60
1.34	1.50	52.28	-1.63
1.36	1.05	48.50	4.77
1.38	0.78	43.83	-1.63
1.40	0.62	36.94	-2.80
1.42	0.69	32.71	0.70
1.44	0.64	34.49	-1.05
1.46	0.42	31.60	2.44
1.48	0.37	40.04	4.19
1.50	0.40	21.82	-4.54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.35	17.60	3.60
1.54	0.56	12.04	13.49
1.56	0.78	11.60	4.77
1.58	0.72	9.60	2.44
1.60	0.57	12.48	7.09
1.62	0.49	10.48	12.32
1.64	0.51	13.15	12.90
1.66	0.44	13.15	5.35
1.68	0.37	14.48	3.60
1.70	0.26	13.82	1.28
1.72	0.32	16.04	2.44
1.74	0.27	12.93	-0.47
1.76	0.23	12.71	5.93
1.78	0.21	9.60	-3.38
1.80	0.11	6.71	-12.68
1.82	0.07	5.82	-10.93
1.84	0.08	4.93	-10.35
1.86	0.04	3.16	-9.77
1.88	0.04	2.49	-9.19
1.90	0.07	2.71	-8.02
1.92	0.04	2.05	-8.02
1.94	0.19	1.38	20.46
1.96	2.94	-4.84	47.79
1.98	3.26	2.05	27.44
2.00	3.45	10.28	20.46
2.02	2.61	15.66	0.11
2.04	1.99	21.21	-15.00
2.06	1.72	28.55	-23.72
2.08	1.42	39.66	-20.24
2.10	0.67	52.10	-19.65
2.12	0.60	43.22	-13.26
2.14	0.60	44.33	-10.35
2.16	0.54	41.88	-3.38
2.18	0.40	44.99	-1.63
2.20	0.40	32.10	0.70
2.22	0.39	28.99	-0.47
2.24	0.40	16.33	-0.47
2.26	0.34	17.43	-1.63
2.28	0.35	17.66	-2.21
2.30	0.31	18.10	-1.63
2.32	0.38	15.21	4.19
2.34	0.28	15.21	-0.47
2.36	0.26	16.10	-1.05
2.38	0.24	14.10	-1.05
2.40	0.28	11.43	1.28
2.42	0.36	10.54	5.93
2.44	0.42	10.54	15.81
2.46	0.44	11.43	15.23
2.48	0.42	11.20	11.74
2.50	0.41	14.31	10.00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.41	19.42	8.83
2.54	0.40	24.98	7.67
2.56	0.52	26.53	12.90
2.58	0.63	25.20	12.90
2.60	0.65	25.86	11.74
2.62	0.64	26.09	12.32
2.64	0.53	24.75	9.42
2.66	0.40	24.09	5.35
2.68	0.35	23.86	2.44
2.70	0.34	23.64	2.44
2.72	0.37	21.64	2.44
2.74	0.37	21.19	1.86
2.76	0.35	21.19	1.86
2.78	0.34	20.97	1.86
2.80	0.33	19.85	0.70
2.82	0.29	18.08	0.11
2.84	0.26	16.74	-1.05
2.86	0.25	15.63	-1.05
2.88	0.25	14.96	0.11
2.90	0.27	13.85	1.28
2.92	0.28	13.63	3.60
2.94	0.27	14.07	4.19
2.96	0.26	14.29	4.19
2.98	0.27	14.07	5.35
3.00	0.38	9.17	38.49
3.02	0.38	8.06	35.00
3.04	0.39	6.50	33.26
3.06	0.45	6.28	33.26
3.08	0.50	6.28	33.84
3.10	0.56	6.72	33.26
3.12	0.59	6.95	30.93
3.14	0.61	7.61	28.02
3.16	0.59	7.17	25.11
3.18	0.55	6.50	21.63
3.20	0.47	6.72	18.72
3.22	0.50	6.50	18.72
3.24	0.67	6.94	23.37
3.26	0.79	6.94	25.11
3.28	0.87	9.17	24.53
3.30	0.97	12.05	24.53
3.32	0.91	14.94	21.05
3.34	0.78	14.27	15.23
3.36	0.62	12.94	11.74
3.38	0.55	12.94	12.32
3.40	0.56	13.16	16.98
3.42	0.66	12.72	24.53
3.44	0.81	11.60	33.26
3.46	0.93	13.16	39.65
3.48	1.09	13.82	41.40
3.50	1.28	16.49	42.56

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova **1**

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.52	21.38	42.56
3.54	1.47	26.49	36.16
3.56	1.33	33.82	27.44
3.58	1.21	36.93	22.79
3.60	1.16	33.82	22.21
3.62	1.15	29.60	22.21
3.64	1.17	28.71	23.37
3.66	1.22	28.93	23.37
3.68	1.25	30.04	24.53
3.70	1.44	30.26	26.28
3.72	1.57	34.70	26.86
3.74	1.75	31.36	26.28
3.76	1.72	36.92	20.46
3.78	1.62	42.03	15.23
3.80	1.70	42.03	12.90
3.82	1.81	43.58	14.07
3.84	1.81	39.58	12.90
3.86	1.74	42.25	10.58
3.88	1.80	47.36	10.00
3.90	1.87	52.91	11.16
3.92	1.87	46.02	11.74
3.94	1.85	51.80	11.74
3.96	1.80	55.35	10.00
3.98	1.56	52.91	7.67
4.00	1.33	54.68	4.19
4.02	1.40	54.00	11.74
4.04	1.14	60.88	6.51
4.06	0.96	56.88	4.77
4.08	0.84	47.55	5.35
4.10	0.77	40.22	7.09
4.12	0.73	33.55	10.00
4.14	0.71	27.77	14.07
4.16	0.72	23.55	19.30
4.18	0.73	22.44	25.11
4.20	0.76	21.32	29.77
4.22	0.73	21.54	32.09
4.24	0.70	20.43	32.68
4.26	0.67	19.99	33.26
4.28	0.66	23.32	36.16
4.30	0.64	25.10	40.81
4.32	0.82	22.65	43.14
4.34	0.71	22.87	44.30
4.36	0.76	24.65	52.44
4.38	0.67	24.65	45.47
4.40	0.55	28.87	38.49
4.42	0.53	26.20	40.81
4.44	0.53	26.43	43.72
4.46	0.53	25.76	49.53
4.48	0.55	22.42	54.77
4.50	0.55	21.76	58.84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.57	21.09	61.75
4.54	0.58	18.87	64.65
4.56	0.63	17.98	69.89
4.58	0.65	18.64	73.96
4.60	0.66	19.31	73.96
4.62	0.65	19.98	75.70
4.64	0.65	20.20	75.70
4.66	0.66	21.09	77.44
4.68	0.65	21.75	79.19
4.70	0.65	22.64	79.19
4.72	0.65	23.75	78.02
4.74	0.65	24.86	80.35
4.76	0.65	25.09	85.00
4.78	0.72	24.64	94.30
4.80	0.72	25.75	94.30
4.82	0.70	24.64	93.14
4.84	0.67	23.31	87.91
4.86	0.65	23.97	86.75
4.88	0.66	23.30	89.07
4.90	0.66	23.52	91.40
4.92	0.66	23.52	93.72
4.94	0.66	23.52	91.98
4.96	0.63	24.19	85.00
4.98	0.63	21.52	164.66
5.00	0.63	21.74	151.87
5.02	0.63	21.52	145.47
5.04	0.63	21.74	147.21
5.06	0.64	21.52	151.29
5.08	0.62	21.52	151.87
5.10	0.62	20.41	149.54
5.12	0.60	19.74	141.98
5.14	0.59	19.96	138.50
5.16	0.57	19.07	143.15
5.18	0.56	17.29	151.87
5.20	0.58	16.40	157.68
5.22	0.56	16.85	165.82
5.24	0.60	15.96	178.61
5.26	0.62	14.85	182.68
5.28	0.63	13.96	183.85
5.30	0.64	13.96	166.40
5.32	0.62	16.40	162.33
5.34	0.62	16.62	165.82
5.36	0.62	16.40	160.59
5.38	0.62	17.74	155.36
5.40	0.63	18.85	163.50
5.42	0.66	18.40	172.80
5.44	0.69	17.96	171.63
5.46	0.66	16.85	159.42
5.48	0.64	15.96	148.38
5.50	0.63	15.29	148.96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.63	13.51	158.26
5.54	0.60	13.07	164.66
5.56	0.60	12.85	169.31
5.58	0.58	13.73	171.05
5.60	0.58	13.96	178.61
5.62	0.58	13.51	182.68
5.64	0.59	13.73	193.73
5.66	0.62	12.84	194.31
5.68	0.59	13.73	187.91
5.70	0.59	14.18	189.66
5.72	0.63	14.40	202.45
5.74	0.65	14.40	214.08
5.76	0.66	14.18	213.50
5.78	0.66	14.40	205.94
5.80	0.64	14.84	205.36
5.82	0.63	14.40	202.45
5.84	0.62	14.40	205.36
5.86	0.62	14.17	213.50
5.88	0.63	14.17	226.87
5.90	0.68	13.51	247.80
5.92	0.70	13.51	252.45
5.94	0.71	13.06	252.45
5.96	0.73	17.95	250.71
5.98	0.74	18.61	227.45
6.00	0.73	19.06	211.17
6.02	0.71	20.39	215.24
6.04	0.74	20.39	223.38
6.06	0.75	21.06	225.71
6.08	0.78	21.06	225.71
6.10	0.75	21.50	212.33
6.12	0.71	21.73	208.85
6.14	0.71	21.73	216.99
6.16	0.73	21.73	228.61
6.18	0.75	21.73	236.76
6.20	0.78	21.06	241.99
6.22	0.81	21.28	237.92
6.24	0.80	21.72	240.82
6.26	0.78	20.84	244.90
6.28	0.80	20.84	243.73
6.30	0.81	21.06	250.13
6.32	0.83	20.83	255.36
6.34	0.86	20.39	251.29
6.36	0.86	20.39	246.64
6.38	0.85	20.83	226.29
6.40	0.81	22.17	207.10
6.42	0.75	22.83	202.45
6.44	0.76	23.28	214.08
6.46	0.80	23.27	223.38
6.48	0.82	23.27	226.87
6.50	0.83	22.16	218.15

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova **1**

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.83	23.27	201.29
6.54	0.82	23.94	181.52
6.56	0.80	24.83	168.15
6.58	0.76	25.27	160.00
6.60	0.76	26.38	160.59
6.62	0.79	27.50	180.36
6.64	0.85	25.27	198.96
6.66	0.97	25.05	210.59
6.68	1.10	22.83	228.03
6.70	1.18	21.49	166.99
6.72	1.15	22.38	115.82
6.74	1.07	21.49	93.14
6.76	1.01	22.16	85.00
6.78	1.03	22.38	90.23
6.80	1.12	23.49	96.05
6.82	1.22	25.27	96.05
6.84	1.33	26.38	83.84
6.86	1.34	27.27	71.05
6.88	1.18	28.16	50.12
6.90	0.97	24.16	35.00
6.92	0.93	30.38	146.05
6.94	0.88	28.38	143.15
6.96	0.88	27.71	150.12
6.98	0.87	27.49	150.70
7.00	0.85	26.60	151.29
7.02	0.80	26.38	151.87
7.04	0.79	23.93	167.57
7.06	0.79	22.38	180.36
7.08	0.77	21.04	189.08
7.10	0.79	20.16	206.52
7.12	0.80	19.93	214.66
7.14	0.80	19.27	225.13
7.16	0.80	19.27	230.36
7.18	0.80	17.93	244.31
7.20	0.80	17.49	247.80
7.22	0.77	16.82	255.36
7.24	0.79	15.04	264.08
7.26	0.79	14.82	272.80
7.28	0.80	14.82	278.62
7.30	0.82	14.82	272.80
7.32	0.82	16.38	265.83
7.34	0.82	17.27	251.29
7.36	0.80	19.27	235.59
7.38	0.77	20.38	225.13
7.40	0.70	21.04	222.22
7.42	0.74	22.15	224.55
7.44	0.73	22.38	237.92
7.46	0.70	20.82	257.69
7.48	0.75	19.04	266.99
7.50	0.76	17.49	284.43

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	0.79	15.93	298.97
7.54	0.81	15.04	289.09
7.56	0.81	15.27	280.36
7.58	0.81	16.15	276.88
7.60	0.80	17.49	276.88
7.62	0.80	17.93	273.97
7.64	0.79	19.27	273.97
7.66	0.79	18.82	288.50
7.68	0.77	18.60	287.34
7.70	0.77	17.71	301.88
7.72	0.80	15.93	319.32
7.74	0.82	15.04	328.62
7.76	0.84	14.82	321.64
7.78	0.84	15.93	308.85
7.80	0.86	17.49	299.55
7.82	0.88	19.04	297.80
7.84	0.92	20.82	287.34
7.86	0.91	22.60	268.15
7.88	0.91	25.27	249.55
7.90	0.91	28.38	245.48
7.92	0.92	29.93	263.50
7.94	0.97	29.93	394.90
7.96	0.97	31.04	341.41
7.98	0.97	32.16	323.97
8.00	0.94	31.93	306.53
8.02	0.92	32.38	304.78
8.04	0.89	29.93	304.78
8.06	0.86	28.60	269.31
8.08	0.77	28.60	261.76
8.10	0.75	24.60	280.94
8.12	0.75	20.38	310.01
8.14	0.79	16.38	333.27
8.16	0.81	14.82	340.83
8.18	0.81	13.93	348.97
8.20	0.80	13.04	346.65
8.22	0.80	11.93	350.13
8.24	0.81	13.04	357.11
8.26	0.86	13.04	363.50
8.28	0.88	14.38	346.65
8.30	0.91	16.15	347.81
8.32	0.93	17.49	344.90
8.34	0.94	18.82	307.11
8.36	0.93	21.27	281.52
8.38	0.93	22.60	269.31
8.40	0.92	24.60	266.41
8.42	0.92	24.82	261.76
8.44	0.89	25.04	259.43
8.46	0.88	25.04	260.60
8.48	0.86	24.82	257.10
8.50	0.80	23.71	253.62

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	0.77	22.60	257.10
8.54	0.75	20.38	277.46
8.56	0.76	18.38	297.22
8.58	0.79	16.15	321.06
8.60	0.80	14.15	323.97
8.62	1.01	12.38	416.42
8.64	1.77	11.49	552.47
8.66	2.78	11.49	367.00
8.68	3.05	11.93	132.68
8.70	3.05	19.27	104.19
8.72	2.79	24.60	83.26
8.74	2.11	29.04	68.72
8.76	1.57	36.38	65.23
8.78	1.25	42.16	60.00
8.80	1.04	47.49	110.00
8.82	0.97	45.93	128.61
8.84	0.91	44.38	130.93
8.86	0.87	41.27	136.17
8.88	0.84	36.38	143.15
8.90	0.80	31.04	152.45
8.92	0.80	25.04	168.15
8.94	0.79	21.04	181.52
8.96	0.81	20.16	360.02
8.98	0.83	21.05	350.13
9.00	0.85	21.71	354.79
9.02	0.86	22.60	362.34
9.04	0.87	22.38	351.88
9.06	0.89	23.27	322.22
9.08	0.87	24.60	312.34
9.10	0.86	25.05	313.50
9.12	0.85	24.16	338.50
9.14	0.87	23.71	346.65
9.16	0.87	23.49	343.74
9.18	0.88	23.71	342.00
9.20	0.89	23.71	329.20
9.22	0.89	23.94	314.09
9.24	0.93	23.94	321.64
9.26	1.04	25.04	336.18
9.28	1.12	26.60	354.20
9.30	1.13	26.38	311.18
9.32	1.11	27.27	246.06
9.34	1.08	28.60	207.10
9.36	1.03	29.49	191.99
9.38	0.99	30.16	197.22
9.40	0.94	29.71	198.38
9.42	0.93	29.93	199.54
9.44	0.92	31.27	203.03
9.46	0.91	30.82	186.75
9.48	0.89	30.38	190.82
9.50	0.89	28.82	197.80

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	0.89	28.60	205.94
9.54	0.91	27.71	207.10
9.56	0.91	28.15	213.50
9.58	0.91	28.15	214.66
9.60	0.89	27.49	224.55
9.62	0.89	26.60	236.18
9.64	0.88	26.60	242.57
9.66	0.91	26.60	256.52
9.68	0.93	25.27	263.50
9.70	0.94	24.60	259.43
9.72	0.94	24.60	242.57
9.74	0.93	26.15	236.76
9.76	0.94	25.93	226.29
9.78	0.93	27.26	208.27
9.80	0.91	29.71	193.73
9.82	0.87	31.26	179.78
9.84	0.81	32.60	176.87
9.86	0.80	32.15	196.06
9.88	0.79	31.93	197.22
9.90	0.76	32.15	194.31
9.92	0.74	31.04	202.45
9.94	0.74	30.15	212.33
9.96	0.73	27.49	353.04
9.98	0.74	26.16	312.34
10.00	0.74	25.27	291.99
10.02	0.73	25.27	276.29
10.04	0.73	24.60	280.94
10.06	0.74	24.16	293.15
10.08	0.74	23.27	301.88
10.10	0.76	22.16	324.55
10.12	0.80	21.27	324.55
10.14	0.81	21.71	302.46
10.16	0.81	22.16	280.94
10.18	0.80	22.60	269.31
10.20	0.80	23.49	269.90
10.22	0.79	24.82	272.22
10.24	0.80	24.82	275.71
10.26	0.80	24.82	277.46
10.28	0.79	25.04	279.78
10.30	0.77	24.60	275.71
10.32	0.76	24.16	262.92
10.34	0.76	24.60	269.31
10.36	0.76	23.93	274.55
10.38	0.76	24.16	284.43
10.40	0.76	23.71	266.99
10.42	0.74	24.60	264.66
10.44	0.75	24.60	274.55
10.46	0.76	23.93	296.64
10.48	0.81	23.49	316.41
10.50	0.82	23.49	326.88

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	0.86	23.27	341.41
10.54	0.91	22.16	328.62
10.56	0.94	23.27	315.25
10.58	1.00	24.60	322.80
10.60	1.06	24.82	319.32
10.62	1.16	26.38	293.15
10.64	1.10	28.38	241.40
10.66	1.05	30.82	213.50
10.68	0.98	32.16	221.64
10.70	0.89	32.16	215.82
10.72	0.86	32.60	213.50
10.74	0.82	32.60	211.75
10.76	0.80	32.16	223.96
10.78	0.79	29.49	243.73
10.80	0.80	27.04	273.39
10.82	0.85	23.49	294.32
10.84	0.87	21.04	312.92
10.86	0.88	19.27	332.69
10.88	0.91	17.93	335.60
10.90	0.93	16.82	326.88
10.92	0.94	17.93	312.34
10.94	0.93	20.38	358.28
10.96	0.93	22.38	329.79
10.98	0.93	24.16	312.34
11.00	0.92	25.27	281.52
11.02	0.89	27.27	264.08
11.04	0.88	28.16	244.90
11.06	0.85	29.05	253.03
11.08	0.80	29.94	261.18
11.10	0.80	28.83	281.52
11.12	0.79	28.16	290.83
11.14	0.77	26.16	301.88
11.16	0.79	23.49	335.60
11.18	0.81	21.50	341.41
11.20	0.77	22.61	354.20
11.22	0.76	20.38	364.67
11.24	0.75	18.61	375.13
11.26	0.74	16.61	383.28
11.28	0.74	15.27	401.30
11.30	0.74	14.16	414.09
11.32	0.79	12.61	436.77
11.34	0.83	11.50	460.02
11.36	0.85	11.27	383.86
11.38	0.82	11.27	390.83
11.40	0.82	9.27	432.70
11.42	0.85	8.61	465.26
11.44	0.91	8.61	518.17
11.46	0.98	8.16	541.42
11.48	1.00	8.16	492.00
11.50	0.97	8.83	467.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	0.95	9.50	482.70
11.54	0.98	11.27	501.30
11.56	0.99	11.72	463.51
11.58	0.94	13.05	451.89
11.60	0.94	14.83	471.07
11.62	0.94	15.05	497.23
11.64	0.93	14.39	509.45
11.66	0.91	13.50	510.61
11.68	0.91	13.05	536.77
11.70	0.94	12.61	548.40
11.72	0.99	12.39	596.08
11.74	1.06	11.27	620.50
11.76	1.16	11.27	619.33
11.78	1.19	11.28	592.01
11.80	1.25	11.72	623.99
11.82	1.27	11.94	614.69
11.84	1.29	13.50	593.75
11.86	1.24	14.39	484.44
11.88	1.18	18.83	456.53
11.90	1.15	21.05	493.17
11.92	1.12	19.94	527.47
11.94	1.12	19.94	527.47
11.96	1.36	20.39	445.49
11.98	1.28	19.95	448.98
12.00	1.21	21.06	418.74
12.02	1.13	21.72	460.60
12.04	1.16	21.50	511.77
12.06	1.16	20.39	543.17
12.08	1.19	20.17	584.45
12.10	1.24	19.28	572.82
12.12	1.21	18.39	554.80
12.14	1.22	17.72	519.33
12.16	1.23	19.28	543.75
12.18	1.31	19.72	597.24
12.20	1.41	19.72	551.89
12.22	1.41	22.61	486.19
12.24	1.41	25.28	443.16
12.26	1.40	28.39	443.74
12.28	1.37	29.50	451.89
12.30	1.41	29.72	428.63
12.32	1.45	33.28	500.14
12.34	1.47	32.17	531.54
12.36	1.54	31.06	422.81
12.38	1.49	32.83	336.18
12.40	1.46	36.39	354.20
12.42	1.49	37.28	405.37
12.44	1.55	37.05	427.46
12.46	1.60	37.50	375.72
12.48	1.60	42.17	333.85
12.50	1.58	46.61	354.20

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Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.56	44.83	330.37
12.54	1.56	45.94	351.88
12.56	1.60	46.16	351.88
12.58	1.55	47.94	282.69
12.60	1.52	51.05	265.83
12.62	1.51	51.50	260.01
12.64	1.49	51.94	230.36
12.66	1.47	54.38	213.50
12.68	1.45	57.27	215.82
12.70	1.46	60.16	223.96
12.72	1.46	59.05	207.10
12.74	1.47	58.61	196.64
12.76	1.49	59.49	200.12
12.78	1.51	58.60	218.15
12.80	1.58	56.83	240.82
12.82	1.65	53.27	216.99
12.84	1.66	51.93	194.89
12.86	1.70	51.04	171.63
12.88	1.70	51.71	151.87
12.90	1.63	55.27	297.80
12.92	1.69	56.60	200.12
12.94	1.70	57.71	161.75
12.96	1.70	57.71	142.56
12.98	1.75	58.60	133.26
13.00	1.78	59.49	142.56
13.02	1.83	57.26	123.96
13.04	1.93	57.04	125.70
13.06	2.01	56.60	96.05
13.08	2.02	57.93	80.93
13.10	2.03	58.60	79.19
13.12	2.06	59.48	66.40
13.14	2.05	62.15	61.75
13.16	2.02	64.37	57.68
13.18	2.05	65.26	58.84
13.20	1.98	66.59	52.44
13.22	1.93	67.70	51.28
13.24	1.90	68.81	51.86
13.26	1.88	68.81	54.19
13.28	1.91	68.81	64.07
13.30	1.98	67.03	68.14
13.32	1.98	66.81	64.07
13.34	1.99	65.92	64.65
13.36	2.00	65.47	60.58
13.38	2.01	65.03	56.51
13.40	2.02	67.47	55.35
13.42	2.04	70.36	50.70
13.44	2.04	73.91	50.70
13.46	2.05	74.36	49.53
13.48	2.05	76.14	48.95
13.50	2.04	77.91	46.63

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.99	77.47	44.89
13.54	1.98	76.13	48.95
13.56	1.99	74.80	54.19
13.58	2.09	73.69	68.72
13.60	2.16	73.02	80.93
13.62	2.19	73.91	98.38
13.64	2.23	69.91	98.96
13.66	2.26	70.79	99.54
13.68	2.30	73.24	105.93
13.70	2.26	75.02	105.35
13.72	2.22	75.68	97.21
13.74	2.12	77.68	87.91
13.76	2.11	83.01	85.00
13.78	2.11	85.90	82.68
13.80	2.06	86.12	90.82
13.82	2.05	82.79	85.59
13.84	1.94	84.79	69.89
13.86	1.82	87.23	68.14
13.88	1.69	84.34	64.65
13.90	1.63	73.02	180.94
13.92	1.47	72.57	142.56
13.94	1.35	73.91	136.17
13.96	1.26	70.57	134.42
13.98	1.17	63.46	153.03
14.00	1.19	56.79	189.66
14.02	1.15	49.24	232.10
14.04	1.19	38.35	281.52
14.06	1.34	30.13	324.55
14.08	1.51	25.02	355.95
14.10	1.63	21.68	319.90
14.12	1.64	23.46	208.85
14.14	1.58	25.91	151.87
14.16	1.58	25.91	131.52
14.18	1.48	25.69	82.68
14.20	1.34	31.46	62.33
14.22	1.23	34.80	68.14
14.24	1.21	36.13	99.54
14.26	1.38	37.02	178.03
14.28	1.63	35.69	257.69
14.30	1.82	35.69	253.03
14.32	1.81	30.36	129.77
14.34	1.72	29.47	77.44
14.36	1.47	32.36	65.81
14.38	1.33	33.25	66.40
14.40	1.24	36.80	53.60
14.42	1.08	37.47	55.93
14.44	0.98	36.14	78.60
14.46	0.98	33.47	94.89
14.48	0.97	30.36	119.89
14.50	0.98	28.36	151.29

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	0.98	26.36	201.87
14.54	1.06	23.92	278.62
14.56	1.16	21.25	333.27
14.58	1.21	18.81	360.60
14.60	1.26	18.36	343.74
14.62	1.32	20.14	319.32
14.64	1.40	20.14	352.46
14.66	1.55	22.14	289.67
14.68	1.81	26.14	304.78
14.70	2.26	28.59	289.67
14.72	2.73	33.70	130.35
14.74	3.04	37.26	56.51
14.76	3.17	47.48	13.49
14.78	3.26	60.15	-3.38
14.80	3.50	67.03	-13.26
14.82	3.61	70.81	-20.24
14.84	3.63	75.26	-27.21
14.86	3.73	78.81	-34.77
14.88	3.61	42.59	20.46
14.90	3.21	41.93	-2.21
14.92	2.55	45.48	-16.75
14.94	2.07	55.93	-22.56
14.96	1.82	63.93	-20.24
14.98	1.93	51.48	-10.93
15.00	2.07	49.04	4.19
15.02	2.37	47.48	12.32
15.04	2.78	51.48	12.32
15.06	3.05	59.26	7.67
15.08	3.01	69.48	-3.96
15.10	2.54	76.15	-15.00
15.12	1.86	77.26	-26.63
15.14	1.67	60.59	-28.38
15.16	1.44	50.37	-28.38
15.18	1.20	48.14	-25.47
15.20	1.10	41.26	-15.00
15.22	1.12	35.70	-1.05
15.24	1.15	29.48	17.56
15.26	1.20	21.03	39.65
15.28	1.18	18.36	60.00
15.30	1.11	18.59	75.12
15.32	1.10	17.25	104.77
15.34	1.09	16.81	146.05
15.36	1.14	16.36	204.20
15.38	1.16	17.25	257.69
15.40	1.16	18.81	285.60
15.42	1.12	19.92	317.58
15.44	1.11	19.70	353.04
15.46	1.12	22.14	406.53
15.48	1.18	21.47	460.02
15.50	1.17	20.81	460.60

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.12	20.36	473.98
15.54	1.12	19.03	500.14
15.56	1.18	19.25	550.15
15.58	1.24	17.70	580.96
15.60	1.27	17.70	556.54
15.62	1.29	19.70	551.89
15.64	1.26	21.26	569.33
15.66	1.28	21.70	590.26
15.68	1.30	23.48	585.61
15.70	1.34	24.81	610.03
15.72	1.35	25.26	607.12
15.74	1.36	27.03	611.20
15.76	1.38	28.81	592.59
15.78	1.35	31.48	589.68
15.80	1.36	32.37	547.24
15.82	1.35	32.59	523.40
15.84	1.35	34.59	496.65
15.86	1.33	38.60	605.96
15.88	1.34	38.82	536.19
15.90	1.36	39.71	469.33
15.92	1.37	40.60	446.65
15.94	1.37	40.82	440.26
15.96	1.37	40.15	430.37
15.98	1.37	39.93	441.42
16.00	1.41	38.60	441.42
16.02	1.42	37.71	394.32
16.04	1.42	38.38	369.90
16.06	1.41	37.71	362.92
16.08	1.40	38.38	375.13
16.10	1.40	38.38	371.07
16.12	1.37	39.27	353.62
16.14	1.33	40.82	342.58
16.16	1.32	41.04	343.16
16.18	1.30	39.93	348.39
16.20	1.27	39.49	361.18
16.22	1.27	38.37	372.81
16.24	1.25	37.71	375.13
16.26	1.21	37.26	369.32
16.28	1.18	36.82	375.72
16.30	1.17	35.71	380.37
16.32	1.15	34.82	405.95
16.34	1.16	32.82	429.79
16.36	1.15	32.37	440.26
16.38	1.12	31.93	443.16
16.40	1.12	30.82	462.93
16.42	1.12	29.48	472.23
16.44	1.10	28.82	479.79
16.46	1.12	28.37	490.84
16.48	1.12	28.60	487.93
16.50	1.12	28.82	491.42

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.12	28.82	491.42
16.54	1.10	29.04	499.56
16.56	1.12	29.04	519.33
16.58	1.13	28.60	542.59
16.60	1.18	28.60	594.91
16.62	1.30	28.37	673.41
16.64	1.44	28.60	749.58
16.66	1.51	28.37	743.76
16.68	1.52	28.37	640.85
16.70	1.44	29.48	571.66
16.72	1.34	30.37	480.96
16.74	1.29	32.15	418.16
16.76	1.25	33.93	376.88
16.78	1.25	35.71	382.70
16.80	1.25	38.15	403.62
16.82	1.28	39.48	415.25
16.84	1.28	40.82	382.70
16.86	1.17	43.27	450.72
16.88	1.25	47.04	425.14
16.90	1.24	46.82	415.83
16.92	1.25	47.04	425.14
16.94	1.25	46.15	439.09
16.96	1.27	47.04	467.00
16.98	1.30	44.38	437.93
17.00	1.29	42.60	418.16
17.02	1.28	41.71	446.07
17.04	1.32	39.49	464.10
17.06	1.34	38.37	447.23
17.08	1.36	38.60	430.37
17.10	1.39	41.04	414.67
17.12	1.41	42.15	397.23
17.14	1.42	41.71	352.46
17.16	1.45	43.26	344.90
17.18	1.52	45.71	347.81
17.20	1.58	46.60	315.25
17.22	1.61	48.37	296.06
17.24	1.66	50.60	284.43
17.26	1.70	53.93	271.06
17.28	1.72	54.82	239.08
17.30	1.77	55.26	233.27
17.32	1.77	56.15	207.10
17.34	1.76	56.60	184.43
17.36	1.71	56.15	168.73
17.38	1.69	55.93	156.52
17.40	1.69	54.82	154.19
17.42	1.70	54.59	139.66
17.44	1.69	54.37	129.77
17.46	1.70	53.48	127.45
17.48	1.71	52.81	118.14
17.50	1.70	54.14	110.00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.70	54.59	104.77
17.54	1.71	56.14	104.19
17.56	1.76	57.25	103.61
17.58	1.81	58.14	101.28
17.60	1.82	60.14	101.86
17.62	1.81	61.03	99.54
17.64	1.81	62.81	101.86
17.66	1.87	60.36	104.77
17.68	1.89	57.92	96.05
17.70	1.88	58.36	85.00
17.72	1.86	58.58	80.35
17.74	1.83	59.03	73.38
17.76	1.80	60.14	65.81
17.78	1.80	60.58	60.00
17.80	1.78	63.02	54.19
17.82	1.78	65.91	54.77
17.84	1.77	67.02	54.19
17.86	1.81	68.81	118.14
17.88	1.83	69.25	109.42
17.90	1.83	69.47	102.45
17.92	1.82	68.14	91.98
17.94	1.76	67.69	78.02
17.96	1.71	67.69	69.30
17.98	1.64	68.14	62.91
18.00	1.63	67.47	62.91
18.02	1.63	66.36	64.07
18.04	1.64	66.36	69.30
18.06	1.70	63.91	72.21
18.08	1.68	60.36	69.89
18.10	1.64	59.25	66.40
18.12	1.63	58.58	66.40
18.14	1.63	58.36	66.40
18.16	1.63	58.58	66.40
18.18	1.59	59.02	62.91
18.20	1.52	61.47	62.33
18.22	1.51	63.47	69.30
18.24	1.51	62.80	76.28
18.26	1.48	63.24	85.59
18.28	1.45	62.13	94.89
18.30	1.48	60.35	95.47
18.32	1.44	59.02	90.23
18.34	1.39	57.69	82.10
18.36	1.32	55.91	75.70
18.38	1.27	54.35	75.12
18.40	1.20	52.35	72.79
18.42	1.16	52.13	66.98
18.44	1.17	50.80	77.44
18.46	1.19	49.46	90.82
18.48	1.26	45.02	121.63
18.50	1.21	40.57	128.03



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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.20	36.13	152.45
18.54	1.26	29.46	205.36
18.56	1.32	23.91	266.99
18.58	1.33	19.69	306.53
18.60	1.34	16.80	329.79
18.62	1.36	18.58	315.83
18.64	1.32	23.91	316.99
18.66	1.32	27.46	312.92
18.68	1.31	30.13	321.06
18.70	1.29	33.47	321.06
18.72	1.28	38.13	329.20
18.74	1.32	41.69	351.88
18.76	1.35	41.69	379.20
18.78	1.39	40.13	407.70
18.80	1.40	39.91	411.19
18.82	1.45	41.25	403.62
18.84	1.44	41.03	437.35
18.86	1.46	45.03	442.00
18.88	1.48	45.92	405.95
18.90	1.47	45.92	393.74
18.92	1.47	48.15	390.83
18.94	1.51	49.04	406.53
18.96	1.53	50.37	425.14
18.98	1.58	49.48	423.98
19.00	1.63	48.15	404.79
19.02	1.65	49.04	382.70
19.04	1.66	49.26	375.72
19.06	1.67	49.48	360.02
19.08	1.67	49.92	355.37
19.10	1.66	51.03	344.32
19.12	1.65	51.92	332.11
19.14	1.66	52.81	357.69
19.16	1.70	51.48	351.88
19.18	1.69	50.81	332.69
19.20	1.69	50.81	305.36
19.22	1.63	53.03	297.22
19.24	1.62	51.48	289.09
19.26	1.60	50.81	297.22
19.28	1.63	49.70	317.58
19.30	1.64	48.59	308.85
19.32	1.63	49.03	304.20
19.34	1.66	48.37	305.36
19.36	1.66	49.48	312.34
19.38	1.69	50.59	316.41
19.40	1.74	50.37	290.25
19.42	1.70	55.70	269.31
19.44	1.70	58.59	271.64
19.46	1.70	60.37	261.76
19.48	1.70	61.03	247.80
19.50	1.70	63.03	249.55

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.71	63.92	231.52
19.54	1.69	67.48	243.73
19.56	1.77	62.14	230.36
19.58	1.78	62.81	191.99
19.60	1.75	65.25	164.66
19.62	1.72	66.59	154.78
19.64	1.70	67.70	139.08
19.66	1.65	69.47	128.61
19.68	1.60	71.70	121.63
19.70	1.55	73.25	125.12
19.72	1.52	70.14	136.75
19.74	1.51	63.47	148.96
19.76	1.47	61.92	162.91
19.78	1.45	59.47	171.05
19.80	1.36	58.14	176.87
19.82	1.31	52.36	185.59
19.84	1.30	45.03	485.60
19.86	1.34	45.47	498.40
19.88	1.38	42.14	539.68
19.90	1.44	38.14	546.66
19.92	1.45	35.03	512.93
19.94	1.51	34.36	486.19
19.96	1.58	37.03	443.74
19.98	1.50	41.70	432.11
20.00	1.48	37.03	325.13
20.02	1.39	40.81	303.62
20.04	1.32	47.48	296.64
20.06	1.24	55.48	323.97
20.08	1.26	59.25	407.70
20.10	1.34	53.92	492.59
20.12	1.38	45.03	527.47
20.14	1.38	38.14	504.21
20.16	1.42	32.37	524.56
20.18	1.53	31.26	615.27
20.20	1.84	28.14	712.36
20.22	2.10	25.03	699.57
20.24	2.03	23.48	432.11
20.26	1.83	30.37	234.43
20.28	1.66	31.92	251.29
20.30	1.75	29.03	400.14
20.32	1.96	28.37	465.84
20.34	2.08	36.37	470.49
20.36	2.20	41.26	365.83
20.38	2.11	49.26	250.13
20.40	1.94	54.81	218.73
20.42	1.83	55.70	201.87
20.44	1.59	55.48	214.66
20.46	1.46	52.37	227.45
20.48	1.33	47.92	262.34
20.50	1.33	39.48	344.32

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.41	30.15	448.98
20.54	1.48	23.92	535.03
20.56	1.54	23.48	593.17
20.58	1.67	21.48	653.06
20.60	1.76	19.92	686.20
20.62	1.83	18.81	675.73
20.64	1.88	19.92	557.70
20.66	1.89	25.92	441.42
20.68	1.84	37.26	395.49
20.70	1.82	48.59	383.28
20.72	1.82	57.26	382.70
20.74	1.86	63.26	390.83
20.76	1.95	67.70	432.11
20.78	2.00	70.59	413.51
20.80	2.01	71.48	383.86
20.82	1.98	67.70	325.71
20.84	1.95	67.48	278.04
20.86	1.90	66.82	475.72
20.88	1.84	70.15	425.14
20.90	1.76	70.15	403.04
20.92	1.69	67.48	364.67
20.94	1.67	65.93	393.16
20.96	1.69	63.48	457.12
20.98	1.63	59.03	509.45
21.00	1.59	51.03	526.89
21.02	1.59	45.03	551.89
21.04	1.63	41.26	617.01
21.06	1.79	35.26	742.60
21.08	1.96	30.37	750.74
21.10	2.03	29.48	672.25
21.12	2.05	31.26	596.66
21.14	1.95	38.37	550.73
21.16	1.88	41.26	562.94
21.18	1.84	43.48	579.22
21.20	1.79	45.48	621.66
21.22	1.74	46.59	602.48
21.24	1.72	46.14	500.72
21.26	1.72	46.59	418.74
21.28	1.64	48.59	413.51
21.30	1.60	53.48	442.00
21.32	1.63	55.48	429.21
21.34	1.60	57.03	382.70
21.36	1.59	57.92	379.20
21.38	1.67	56.14	421.65
21.40	1.71	54.36	430.95
21.42	1.79	48.36	380.37
21.44	1.81	47.25	311.18
21.46	1.76	48.14	268.15
21.48	1.72	49.03	250.71
21.50	1.75	50.59	261.76

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.79	53.92	269.90
21.54	1.82	58.14	287.34
21.56	1.84	60.59	318.16
21.58	1.90	56.59	319.90
21.60	1.95	55.70	275.13
21.62	1.94	59.70	243.73
21.64	1.93	64.59	215.24
21.66	1.94	68.36	209.43
21.68	1.93	73.69	201.29
21.70	1.92	78.14	194.31
21.72	1.92	80.36	182.10
21.74	1.88	80.58	161.75
21.76	1.84	79.47	155.94
21.78	1.80	76.58	153.03
21.80	1.77	73.02	135.00
21.82	1.71	71.91	118.14
21.84	1.59	76.36	361.76
21.86	1.57	75.03	342.00
21.88	1.53	70.80	332.11
21.90	1.52	69.47	329.20
21.92	1.50	69.25	330.37
21.94	1.47	66.58	344.90
21.96	1.48	62.58	372.23
21.98	1.50	56.58	397.81
22.00	1.50	51.47	415.25
22.02	1.50	46.80	422.23
22.04	1.50	43.69	441.42
22.06	1.51	40.80	444.32
22.08	1.51	39.69	453.63
22.10	1.51	38.80	470.49
22.12	1.52	39.69	493.75
22.14	1.56	39.47	509.45
22.16	1.59	39.25	496.65
22.18	1.59	40.58	472.23
22.20	1.56	42.58	439.09
22.22	1.54	45.02	443.16
22.24	1.52	45.91	451.30
22.26	1.52	46.80	463.51
22.28	1.51	47.92	476.30
22.30	1.52	46.80	472.23
22.32	1.51	46.14	484.44
22.34	1.52	44.58	485.60
22.36	1.50	44.36	462.35
22.38	1.47	45.69	453.05
22.40	1.46	45.03	447.23
22.42	1.45	45.03	470.49
22.44	1.46	44.80	504.80
22.46	1.48	42.58	518.75
22.48	1.51	41.03	501.89
22.50	1.51	41.03	503.63

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.47	40.59	483.28
22.54	1.44	39.70	476.89
22.56	1.44	38.36	482.12
22.58	1.40	38.14	485.60
22.60	1.40	37.47	499.56
22.62	1.40	37.03	496.07
22.64	1.38	37.03	505.38
22.66	1.38	34.81	504.80
22.68	1.35	34.36	499.56
22.70	1.34	33.70	517.00
22.72	1.34	32.36	510.03
22.74	1.32	32.36	503.05
22.76	1.29	31.92	477.47
22.78	1.24	31.48	486.77
22.80	1.22	30.81	504.21
22.82	1.22	29.03	523.98
22.84	1.20	26.60	707.71
22.86	1.21	26.37	670.50
22.88	1.22	25.26	641.43
22.90	1.20	25.26	646.66
22.92	1.21	23.71	676.90
22.94	1.25	22.37	683.88
22.96	1.29	21.71	676.31
22.98	1.36	22.15	687.36
23.00	1.41	22.60	674.57
23.02	1.48	23.49	663.52
23.04	1.55	24.15	593.75
23.06	1.58	29.49	576.31
23.08	1.65	32.38	578.63
23.10	1.75	34.82	517.59
23.12	1.82	38.38	414.09
23.14	1.81	45.49	355.95
23.16	1.76	51.04	327.46
23.18	1.75	55.71	334.43
23.20	1.77	59.04	401.88
23.22	1.90	58.60	485.02
23.24	1.99	57.93	469.33
23.26	2.00	59.27	390.83
23.28	1.94	59.27	329.79
23.30	1.89	60.60	272.80
23.32	1.84	63.49	269.31
23.34	1.87	65.71	271.64
23.36	1.88	70.15	286.76
23.38	1.89	71.49	289.09
23.40	1.88	70.37	289.09
23.42	1.89	70.15	286.76
23.44	1.91	68.15	266.41
23.46	1.93	70.15	278.62
23.48	1.95	70.82	282.10
23.50	1.98	70.59	273.97

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	2.05	72.37	283.27
23.54	2.15	73.93	301.88
23.56	2.15	75.48	345.48
23.58	2.19	73.70	392.58
23.60	2.25	68.14	376.88
23.62	2.25	69.03	328.62
23.64	2.19	72.59	314.67
23.66	2.14	72.59	253.62
23.68	2.05	73.25	198.96
23.70	1.94	78.59	197.80
23.72	1.95	81.70	179.78
23.74	1.95	87.69	177.45
23.76	1.93	93.92	192.57
23.78	1.87	95.03	214.66
23.80	1.83	92.36	232.10
23.82	1.76	81.91	246.06
23.84	1.75	70.14	637.36
23.86	1.76	60.14	573.99
23.88	1.76	51.69	515.84
23.90	1.75	45.92	451.89
23.92	1.68	44.14	424.56
23.94	1.62	42.36	409.44
23.96	1.54	42.14	416.42
23.98	1.50	45.69	420.49
24.00	1.50	49.69	468.16
24.02	1.58	45.69	537.35
24.04	1.62	39.92	551.31
24.06	1.60	38.36	548.40
24.08	1.57	38.80	567.00
24.10	1.58	35.92	614.69
24.12	1.64	31.92	664.10
24.14	1.74	32.80	750.74
24.16	1.90	33.92	810.04
24.18	2.04	32.80	747.25
24.20	2.05	33.47	603.64
24.22	2.02	39.47	575.73
24.24	1.98	44.14	555.96
24.26	1.94	47.92	543.17
24.28	1.93	50.59	536.19
24.30	1.89	55.92	539.10
24.32	1.89	60.14	540.84
24.34	1.99	59.70	557.12
24.36	2.07	60.81	652.48
24.38	2.13	55.47	704.22
24.40	2.22	51.47	581.54
24.42	2.14	51.92	501.89
24.44	2.07	53.25	505.38
24.46	2.01	52.81	507.70
24.48	1.87	51.92	505.38
24.50	1.84	48.14	569.33

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.88	49.03	603.06
24.54	1.89	44.36	690.27
24.56	1.94	36.81	646.66
24.58	1.86	39.25	614.69
24.60	1.78	39.47	606.54
24.62	1.75	39.70	601.89
24.64	1.71	41.25	642.59
24.66	1.78	39.70	745.50
24.68	2.14	39.47	861.79
24.70	2.78	39.47	907.72
24.72	3.39	35.25	462.93
24.74	3.73	41.70	140.82
24.76	3.88	58.59	34.42
24.78	3.76	62.14	-3.38
24.80	3.70	70.36	-18.49
24.82	3.72	79.03	-25.47
24.84	4.21	77.93	59.42
24.86	4.17	77.92	-2.21
24.88	3.86	88.59	-20.24
24.90	3.53	99.48	-28.38
24.92	3.27	108.82	-32.45
24.94	3.24	111.04	-31.87
24.96	3.43	99.48	-27.80
24.98	3.41	92.15	-25.47
25.00	3.04	88.37	-27.80
25.02	2.72	89.92	-31.87
25.04	2.20	91.70	-31.87
25.06	1.82	84.14	-28.96
25.08	1.75	78.59	-22.56
25.10	1.99	73.70	-9.19
25.12	2.35	71.47	10.58
25.14	2.55	70.59	28.60
25.16	2.52	61.92	22.21
25.18	2.23	69.91	18.72
25.20	1.92	69.25	19.88
25.22	1.74	61.47	29.77
25.24	1.64	55.69	44.30
25.26	1.57	46.58	68.14
25.28	1.54	38.36	94.30
25.30	1.52	34.80	125.12
25.32	1.51	29.91	164.08
25.34	1.51	26.58	200.70
25.36	1.50	25.02	237.92
25.38	1.50	23.91	279.20
25.40	1.50	23.46	318.16
25.42	1.50	23.91	351.30
25.44	1.50	24.13	379.79
25.46	1.50	24.58	405.37
25.48	1.48	26.13	414.09
25.50	1.45	28.58	445.49

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.46	28.13	458.86
25.54	1.46	28.80	473.98
25.56	1.48	29.69	503.05
25.58	1.52	29.91	523.98
25.60	1.56	31.24	501.30
25.62	1.58	33.69	532.12
25.64	1.62	33.25	537.35
25.66	1.62	32.80	511.77
25.68	1.64	33.91	504.80
25.70	1.65	37.02	521.66
25.72	1.70	38.58	576.89
25.74	1.77	37.47	555.38
25.76	1.80	39.69	500.72
25.78	1.71	42.14	451.89
25.80	1.62	41.69	380.37
25.82	1.53	42.58	326.88
25.84	1.46	40.15	665.27
25.86	1.69	48.37	676.31
25.88	1.57	47.26	582.70
25.90	1.48	45.04	521.66
25.92	1.40	45.48	533.29
25.94	1.47	39.48	686.20
25.96	1.70	30.15	798.41
25.98	1.89	23.70	760.62
26.00	1.88	21.26	551.31
26.02	1.79	27.70	505.38
26.04	1.77	33.26	404.79
26.06	1.65	40.59	321.64
26.08	1.52	49.48	344.90
26.10	1.59	51.70	434.44
26.12	1.71	53.93	557.12
26.14	1.76	46.59	594.91
26.16	1.74	39.93	550.73
26.18	1.71	40.59	536.19
26.20	1.72	38.15	551.89
26.22	1.74	38.82	535.61
26.24	1.66	43.26	525.14
26.26	1.65	45.48	533.87
26.28	1.63	48.59	525.72
26.30	1.60	49.70	554.80
26.32	1.65	46.82	605.38
26.34	1.69	43.26	641.43
26.36	1.71	38.37	653.06
26.38	1.76	37.26	626.31
26.40	1.76	37.70	603.64
26.42	1.71	35.26	562.36
26.44	1.69	34.81	507.70
26.46	1.62	39.26	501.89
26.48	1.57	41.26	512.93
26.50	1.54	39.70	547.82

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.55	37.70	563.52
26.54	1.55	38.59	545.50
26.56	1.53	39.48	593.17
26.58	1.57	35.03	536.77
26.60	1.45	36.15	482.70
26.62	1.38	34.59	510.61
26.64	1.44	29.92	622.82
26.66	1.65	25.92	801.32
26.68	1.90	20.81	819.93
26.70	1.93	22.15	740.85
26.72	1.86	22.81	602.48
26.74	1.71	24.81	592.59
26.76	1.71	22.37	710.04
26.78	1.77	21.04	735.04
26.80	1.67	18.82	673.41
26.82	1.91	43.71	605.96
26.84	2.01	47.04	721.67
26.86	1.99	42.16	627.48
26.88	1.94	39.93	473.40
26.90	1.82	47.04	458.86
26.92	1.66	49.04	517.59
26.94	1.66	41.04	567.00
26.96	1.67	39.71	629.80
26.98	1.95	38.38	829.81
27.00	2.25	37.49	980.40
27.02	2.34	32.15	677.48
27.04	2.25	33.93	455.37
27.06	2.01	41.71	322.22
27.08	1.84	51.93	368.16
27.10	2.06	54.82	458.86
27.12	2.13	61.71	601.31
27.14	2.23	59.71	610.61
27.16	2.26	64.15	476.89
27.18	2.18	70.82	502.47
27.20	2.27	65.04	521.08
27.22	2.26	61.04	517.59
27.24	2.27	59.04	442.00
27.26	2.24	62.15	310.60
27.28	2.15	70.60	241.40
27.30	2.03	75.48	222.22
27.32	1.91	77.26	219.90
27.34	1.82	79.26	222.22
27.36	1.74	78.15	210.01
27.38	1.65	81.48	217.57
27.40	1.63	78.15	252.45
27.42	1.65	68.37	298.97
27.44	1.70	60.59	353.62
27.46	1.75	56.14	394.32
27.48	1.83	52.14	421.07
27.50	1.89	50.59	458.86

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.99	49.03	467.00
27.54	2.05	51.92	413.51
27.56	2.08	52.36	329.20
27.58	2.10	57.03	297.22
27.60	2.12	61.92	240.24
27.62	2.10	65.92	183.85
27.64	2.07	69.03	115.24
27.66	1.99	77.47	91.40
27.68	1.89	85.92	87.91
27.70	1.82	88.58	72.79
27.72	1.74	92.36	72.79
27.74	1.71	95.25	83.26
27.76	1.68	96.58	102.45
27.78	1.64	93.91	126.29
27.80	1.68	85.91	160.59
27.82	1.74	70.58	790.28
27.84	1.71	65.91	669.34
27.86	1.56	55.47	594.91
27.88	1.52	49.25	596.08
27.90	1.51	43.47	600.15
27.92	1.54	39.69	589.10
27.94	1.58	40.80	625.15
27.96	1.60	45.47	655.39
27.98	1.66	46.80	593.17
28.00	1.68	49.91	534.45
28.02	1.72	53.47	496.65
28.04	1.76	56.14	464.10
28.06	1.77	57.25	419.90
28.08	1.74	56.80	395.49
28.10	1.72	55.69	370.49
28.12	1.64	56.14	333.85
28.14	1.58	56.14	322.80
28.16	1.53	55.47	342.00
28.18	1.58	54.14	378.62
28.20	1.66	52.14	429.21
28.22	1.75	48.58	504.21
28.24	1.80	46.80	458.86
28.26	1.78	48.36	412.93
28.28	1.74	49.92	392.58
28.30	1.65	50.58	415.83
28.32	1.63	48.14	483.28
28.34	1.63	45.69	536.19
28.36	1.62	43.47	572.82
28.38	1.59	41.69	583.29
28.40	1.54	39.47	610.03
28.42	1.53	34.80	633.87
28.44	1.52	31.92	675.73
28.46	1.55	29.47	719.34
28.48	1.59	28.36	764.69
28.50	1.63	27.70	768.76

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	1.66	27.25	747.25
28.54	1.66	28.59	739.11
28.56	1.69	29.70	728.06
28.58	1.70	30.36	720.50
28.60	1.71	32.59	709.46
28.62	1.70	35.26	718.18
28.64	1.71	37.03	708.30
28.66	1.71	39.26	729.22
28.68	1.72	41.70	768.76
28.70	1.81	40.81	757.13
28.72	1.86	41.03	725.74
28.74	1.91	42.37	680.97
28.76	1.93	46.59	671.66
28.78	1.98	47.92	623.40
28.80	2.01	49.48	572.82
28.82	2.00	57.71	634.45
28.84	2.05	61.49	608.87
28.86	2.11	62.82	564.10
28.88	2.13	63.93	521.66
28.90	2.11	66.38	523.98
28.92	2.07	68.15	506.54
28.94	2.11	66.82	500.14
28.96	2.13	65.49	476.30
28.98	2.12	64.37	485.60
29.00	2.12	64.60	461.19
29.02	2.11	63.04	443.16
29.04	2.06	60.82	417.00
29.06	2.01	60.82	416.42
29.08	1.96	60.82	403.62
29.10	1.91	60.37	425.72
29.12	1.89	56.59	440.84
29.14	1.93	55.26	488.51
29.16	1.96	52.82	512.93
29.18	1.98	50.81	502.47
29.20	1.98	49.48	468.75
29.22	1.93	49.26	435.60
29.24	1.94	48.15	436.77
29.26	1.90	49.26	444.90
29.28	1.88	50.37	480.96
29.30	1.94	48.37	510.61
29.32	2.00	48.14	533.29
29.34	2.10	48.14	535.61
29.36	2.19	48.37	487.93
29.38	2.29	50.81	493.75
29.40	2.38	51.70	475.14
29.42	2.53	53.48	468.75
29.44	2.61	56.81	428.63
29.46	2.70	60.37	324.55
29.48	2.72	67.70	266.41
29.50	2.70	72.81	198.38

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	2.59	81.03	169.89
29.54	2.56	83.48	136.75
29.56	2.49	91.70	126.87
29.58	2.40	95.70	129.19
29.60	2.37	92.81	129.19
29.62	2.35	92.14	129.77
29.64	2.31	91.47	132.10
29.66	2.28	90.81	168.15
29.68	2.29	81.03	205.94
29.70	2.26	75.03	228.61
29.72	2.26	71.91	250.13
29.74	2.18	71.47	275.13
29.76	2.11	64.36	289.67
29.78	2.00	57.69	266.41
29.80	1.88	55.69	244.31
29.82	1.71	56.14	622.24
29.84	1.76	55.47	671.08
29.86	1.75	51.47	671.66
29.88	1.68	47.92	659.45
29.90	1.68	44.58	710.04
29.92	1.72	40.58	774.00
29.94	1.78	34.58	836.21
29.96	1.86	29.47	857.14
29.98	1.90	28.58	866.44
30.00	1.90	27.25	801.90
30.02	1.86	28.36	657.13
30.04	1.81	32.59	599.57
30.06	1.74	38.81	619.92
30.08	1.70	40.14	646.08
30.10	1.65	40.59	625.15
30.12	1.60	43.25	654.80
30.14	1.62	42.36	729.80
30.16	1.70	37.48	833.88
30.18	1.82	31.92	917.03
30.20	1.94	30.14	925.17
30.22	1.96	30.14	901.33
30.24	1.93	26.59	771.67
30.26	1.84	26.59	679.80
30.28	1.75	31.03	650.15
30.30	1.69	35.92	672.25
30.32	1.67	35.26	735.62
30.34	1.72	35.70	804.23
30.36	1.76	35.92	862.37
30.38	1.84	34.37	887.96
30.40	1.93	31.48	804.23
30.42	2.01	33.70	874.00
30.44	2.35	36.37	961.80
30.46	3.08	41.04	1026.33
30.48	4.13	38.37	530.96
30.50	4.86	41.93	80.93

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	4.58	53.48	-18.49
30.54	3.88	63.04	-37.10
30.56	3.28	69.48	-38.84
30.58	3.13	70.37	-26.05
30.60	2.97	61.04	2.44
30.62	2.95	51.48	22.21
30.64	2.95	54.15	26.86
30.66	2.73	58.15	48.95
30.68	2.67	57.04	105.93
30.70	2.67	57.92	155.36
30.72	2.43	56.59	212.33
30.74	2.15	50.37	222.80
30.76	1.99	50.37	256.52
30.78	1.96	49.48	364.09
30.80	2.20	42.37	550.15
30.82	2.56	46.82	1042.03
30.84	2.83	47.04	932.72
30.86	2.68	49.70	710.62
30.88	2.56	49.93	560.61
30.90	2.46	51.04	457.70
30.92	2.35	60.59	404.79
30.94	2.26	73.04	415.83
30.96	2.19	83.70	424.56
30.98	2.15	91.04	449.56
31.00	2.11	90.37	453.05
31.02	2.05	85.92	424.56
31.04	1.96	80.15	407.70
31.06	1.86	74.81	397.81
31.08	1.76	68.81	423.40
31.10	1.70	60.59	453.05
31.12	1.66	53.92	508.28
31.14	1.67	50.36	591.43
31.16	1.71	46.59	654.22
31.18	1.75	43.03	704.22
31.20	1.76	39.92	744.34
31.22	1.77	38.59	764.11
31.24	1.81	38.14	787.37
31.26	1.81	38.14	775.16
31.28	1.81	39.70	769.92
31.30	1.79	41.03	754.81
31.32	1.78	43.03	784.46
31.34	1.79	44.14	771.67
31.36	1.78	44.81	757.71
31.38	1.76	45.48	732.71
31.40	1.74	45.70	747.25
31.42	1.74	45.03	740.85
31.44	1.70	45.03	735.04
31.46	1.69	43.48	732.71
31.48	1.66	43.48	742.02
31.50	1.62	42.59	737.37

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	1.60	41.70	755.39
31.54	1.59	39.26	754.81
31.56	1.57	38.15	770.50
31.58	1.57	36.37	793.76
31.60	1.55	35.26	794.93
31.62	1.55	33.48	811.20
31.64	1.53	32.15	829.23
31.66	1.52	29.71	835.63
31.68	1.51	28.37	845.51
31.70	1.51	26.60	874.58
31.72	1.52	24.82	879.23
31.74	1.53	23.71	906.56
31.76	1.54	22.60	900.17
31.78	1.55	21.49	890.28
31.80	1.57	22.37	872.84
31.82	1.00	6.16	961.21
31.84	1.60	15.05	913.54
31.86	1.61	17.72	933.30
31.88	1.64	19.94	910.05
31.90	1.60	19.72	912.96
31.92	1.58	18.38	920.51
31.94	1.54	19.27	895.51
31.96	1.52	21.27	883.30
31.98	1.48	22.38	872.26
32.00	1.47	21.05	918.19
32.02	1.53	19.05	994.94
32.04	1.64	18.39	1033.90
32.06	1.73	17.27	942.61
32.08	1.75	18.83	800.74
32.10	1.72	21.50	836.79
32.12	1.78	23.72	874.00
32.14	1.84	24.83	888.54
32.16	1.83	24.61	882.14
32.18	1.84	25.05	813.53
32.20	1.80	24.61	792.60
32.22	1.76	23.50	775.16
32.24	1.73	23.72	817.02
32.26	1.77	23.50	891.44
32.28	1.88	25.28	919.35
32.30	2.14	27.72	897.84
32.32	2.45	28.83	589.10
32.34	2.51	33.50	418.16
32.36	2.50	35.72	353.62
32.38	2.44	39.72	283.85
32.40	2.41	41.94	369.32
32.42	2.39	43.05	501.30
32.44	2.32	46.61	412.93
32.46	2.25	50.39	289.09
32.48	2.19	51.72	362.92
32.50	2.26	48.16	620.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	2.37	45.72	573.40
32.54	2.35	47.50	475.14
32.56	2.29	49.72	509.45
32.58	2.24	47.27	532.12
32.60	2.27	44.83	557.12
32.62	2.54	48.61	612.94
32.64	3.01	53.05	669.92
32.66	3.55	52.16	298.39
32.68	3.77	60.83	54.19
32.70	3.71	77.49	-6.86
32.72	3.45	79.49	-10.93
32.74	3.08	72.38	36.16
32.76	2.77	65.49	114.66
32.78	2.42	70.16	101.86
32.80	2.25	67.94	255.94
32.82	3.05	76.15	459.44
32.84	2.86	77.26	328.62
32.86	2.68	77.93	244.31
32.88	2.55	81.49	362.34
32.90	2.67	75.26	570.50
32.92	2.73	67.93	644.34
32.94	2.67	65.71	489.10
32.96	2.51	68.15	433.86
32.98	2.35	63.93	560.61
33.00	2.29	56.82	585.03
33.02	2.24	56.81	682.13
33.04	2.25	56.15	796.09
33.06	2.25	54.37	867.60
33.08	2.23	50.37	872.84
33.10	2.29	45.70	907.72
33.12	2.36	44.37	979.24
33.14	2.46	39.92	955.98
33.16	2.47	40.59	853.07
33.18	2.36	42.59	765.86
33.20	2.32	44.81	767.02
33.22	2.30	46.59	831.56
33.24	2.37	44.59	915.28
33.26	2.42	44.81	870.51
33.28	2.25	46.15	678.64
33.30	2.19	50.81	644.34
33.32	2.17	51.92	744.34
33.34	2.17	47.48	874.58
33.36	2.15	45.03	821.67
33.38	2.06	45.04	783.30
33.40	2.01	43.04	871.10
33.42	1.98	39.92	943.77
33.44	1.99	38.37	952.50
33.46	1.98	39.93	982.73
33.48	1.98	38.59	993.20
33.50	1.95	37.70	984.47

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	1.93	34.82	1025.75
33.54	1.95	31.93	1072.85
33.56	1.99	31.26	1080.99
33.58	2.01	30.15	1066.45
33.60	2.00	31.48	1011.22
33.62	2.00	32.82	1018.20
33.64	2.07	32.82	989.70
33.66	2.12	34.60	881.56
33.68	2.06	38.37	747.25
33.70	2.00	43.04	704.22
33.72	1.95	45.93	654.80
33.74	1.89	51.04	629.80
33.76	1.61	54.38	879.23
33.78	1.73	63.49	938.54
33.80	1.72	64.60	967.03
33.82	1.75	63.94	993.78
33.84	1.78	63.05	1005.40
33.86	1.85	59.27	930.98
33.88	1.87	53.27	892.60
33.90	1.85	48.38	860.05
33.92	1.83	47.04	888.54
33.94	1.88	46.16	859.47
33.96	1.93	46.16	860.63
33.98	1.99	46.82	817.60
34.00	2.02	49.27	823.42
34.02	2.05	52.15	843.77
34.04	2.05	52.15	843.77
34.06	2.15	51.49	714.69
34.08	2.19	53.04	646.66
34.10	2.19	53.04	646.66
34.12	2.19	53.04	646.66
34.14	2.12	71.93	447.23
34.16	2.12	71.93	447.23
34.18	2.12	71.93	447.23
34.20	2.15	76.60	518.75
34.22	2.20	82.37	627.48
34.24	2.27	85.04	715.85
34.26	2.41	78.82	522.24
34.28	2.44	74.37	418.74
34.30	2.47	75.04	294.32
34.32	2.44	79.93	236.76
34.34	2.41	88.37	262.34
34.36	2.41	96.59	311.18
34.38	2.41	96.59	311.18
34.40	2.48	110.81	381.53
34.42	2.58	108.81	328.62
34.44	2.68	106.14	273.97
34.46	2.73	104.37	225.71
34.48	2.73	104.37	225.71
34.50	2.85	106.14	191.99

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	2.91	110.81	167.57
34.54	2.95	121.03	140.24
34.56	2.97	127.69	191.99
34.58	3.06	127.02	164.66
34.60	3.04	126.36	104.77
34.62	2.98	127.69	79.19
34.64	2.97	128.36	45.47
34.66	2.94	131.69	28.02
34.68	2.90	136.58	28.02
34.70	2.80	143.02	46.63
34.72	2.79	146.35	78.02
34.74	2.82	141.68	118.14
34.76	2.84	136.57	148.96
34.78	2.89	126.79	110.00
34.80	2.83	125.68	321.64
34.82	2.83	125.68	321.64
34.84	2.91	141.91	277.46
34.86	2.91	141.91	277.46
34.88	3.16	137.90	204.20
34.90	3.16	137.90	204.20
34.92	3.21	135.68	112.33
34.94	3.16	135.24	39.07
34.96	3.03	141.68	10.00
34.98	3.01	146.79	-7.44
35.00	2.94	152.12	-12.10
35.02	2.83	162.12	-12.68
35.04	2.75	172.12	-8.02
35.06	2.70	172.34	3.60
35.08	2.71	163.67	31.51
35.10	2.77	149.67	66.98
35.12	2.78	141.67	125.12
35.14	2.84	133.00	138.50
35.16	2.93	126.55	140.82
35.18	3.07	124.77	176.29
35.20	3.26	124.55	216.99
35.22	3.31	124.11	168.15
35.24	3.25	124.11	57.68
35.26	3.17	127.22	42.56
35.28	3.19	128.11	23.95
35.30	3.10	130.32	2.44
35.32	3.03	131.66	3.60
35.34	3.08	133.21	15.81
35.36	3.17	135.88	35.58
35.38	3.17	135.88	35.58
35.40	3.53	132.54	99.54
35.42	3.59	130.77	62.33
35.44	3.53	129.65	40.81
35.46	3.50	130.10	28.02
35.48	3.44	131.43	8.83
35.50	3.34	135.43	7.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	3.29	136.76	11.74
35.54	3.35	139.87	18.14
35.56	3.36	141.65	30.93
35.58	3.37	141.21	46.05
35.60	3.26	138.99	40.81
35.62	3.19	132.54	16.40
35.64	3.10	127.87	5.35
35.66	2.95	126.76	-5.12
35.68	2.81	128.10	-10.93
35.70	2.64	130.98	-15.59
35.72	2.50	134.32	-11.51
35.74	2.40	132.99	-3.38
35.76	2.33	126.76	5.93
35.78	1.97	84.69	615.85
35.80	2.17	103.58	699.57
35.82	2.20	100.91	715.85
35.84	2.24	96.47	717.01
35.86	2.24	90.25	725.74
35.88	2.25	81.80	716.43
35.90	2.23	74.03	696.09
35.92	2.21	67.36	684.46
35.94	2.19	61.80	684.46
35.96	2.19	57.14	682.13
35.98	2.14	53.14	669.34
36.00	2.11	53.36	703.06
36.02	2.17	49.81	715.27
36.04	2.20	47.37	692.01
36.06	2.19	47.82	646.66
36.08	2.17	50.49	639.10
36.10	2.14	51.60	622.24
36.12	2.12	53.16	623.40
36.14	2.15	52.94	613.52
36.16	2.19	55.39	603.06
36.18	2.18	58.50	609.45
36.20	2.19	59.17	605.38
36.22	2.18	59.62	622.82
36.24	2.20	58.06	628.06
36.26	2.22	58.07	640.85
36.28	2.26	56.74	632.71
36.30	2.27	56.74	619.33
36.32	2.27	56.74	619.33
36.34	2.27	56.74	619.33
36.36	2.33	60.53	539.10
36.38	2.33	60.53	539.10
36.40	2.32	64.30	567.59
36.42	2.33	64.08	589.10
36.44	2.43	62.09	556.54
36.46	2.41	65.20	519.33
36.48	2.38	69.42	504.21
36.50	2.38	71.65	516.42

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	2.44	71.87	568.17
36.54	2.53	67.43	626.31
36.56	2.62	66.32	590.85
36.58	2.62	66.32	590.85
36.60	2.51	68.10	558.87
36.62	2.51	66.77	530.38
36.64	2.48	68.99	569.33
36.66	2.51	65.43	542.00
36.68	2.42	71.66	503.05
36.70	2.29	76.32	517.00
36.72	2.28	73.66	533.29
36.74	2.25	71.88	564.68
36.76	2.29	69.44	629.22
36.78	2.39	65.22	699.57
36.80	2.43	49.02	836.79
36.82	2.41	50.35	794.35
36.84	2.37	50.79	714.11
36.86	2.25	53.46	605.38
36.88	2.14	59.68	594.33
36.90	2.04	64.13	604.80
36.92	1.95	66.58	642.59
36.94	1.93	65.69	714.69
36.96	1.94	58.13	830.98
36.98	2.02	49.24	949.00
37.00	2.13	41.24	1003.66
37.02	2.19	36.80	936.80
37.04	2.24	34.58	870.51
37.06	2.19	35.69	832.72
37.08	2.16	38.80	889.12
37.10	2.16	40.80	960.63
37.12	2.19	40.13	1001.91
37.14	2.19	40.80	981.57
37.16	2.23	39.47	985.63
37.18	2.22	40.58	1002.50
37.20	2.22	38.14	1040.29
37.22	2.23	37.03	1044.94
37.24	2.20	38.14	1023.43
37.26	2.20	38.59	1032.15
37.28	2.22	39.70	1001.91
37.30	2.23	42.59	1029.82
37.32	2.26	43.03	1012.96
37.34	2.26	44.36	1008.31
37.36	2.25	43.70	1062.97
37.38	2.25	41.03	1106.57
37.40	2.29	38.14	1152.50
37.42	2.37	36.37	1197.28
37.44	2.49	35.26	1133.90
37.46	2.56	36.81	865.86
37.48	2.53	41.03	790.86
37.50	2.48	50.59	799.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	2.48	56.59	812.95
37.54	2.48	61.03	766.44
37.56	2.50	65.03	720.50
37.58	2.56	69.03	665.27
37.60	2.56	73.92	591.43
37.62	2.56	76.15	558.29
37.64	2.54	79.03	545.50
37.66	2.56	79.92	522.82
37.68	2.59	83.70	528.63
37.70	2.61	84.81	517.59
37.72	2.62	85.92	527.47
37.74	2.62	82.59	518.17
37.76	2.47	71.26	791.44
37.78	2.48	76.37	748.41
37.80	2.43	72.60	675.73
37.82	2.41	71.48	638.52
37.84	2.39	71.48	652.48
37.86	2.38	71.48	633.29
37.88	2.35	70.15	567.00
37.90	2.34	70.15	518.75
37.92	2.30	68.81	520.49
37.94	2.34	70.37	513.51
37.96	2.37	67.70	500.72
37.98	2.41	66.37	461.77
38.00	2.44	66.81	436.19
38.02	2.48	69.03	426.88
38.04	2.49	70.14	416.42
38.06	2.54	70.14	418.74
38.08	2.55	71.26	407.70
38.10	2.58	74.14	426.30
38.12	2.61	73.25	405.95
38.14	2.62	73.70	398.98
38.16	2.61	73.92	404.20
38.18	2.61	74.14	403.62
38.20	2.67	75.25	401.88
38.22	2.71	77.25	378.62
38.24	2.78	77.47	364.09
38.26	2.81	79.48	353.62
38.28	2.72	81.25	340.83
38.30	2.64	83.47	328.04
38.32	2.58	86.14	323.97
38.34	2.53	89.03	323.97
38.36	2.49	91.47	335.60
38.38	2.53	89.70	362.34
38.40	2.54	87.92	396.65
38.42	2.59	89.92	435.02
38.44	2.61	83.47	453.05
38.46	2.64	80.58	443.74
38.48	2.59	77.69	438.51
38.50	2.65	75.02	460.02

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	2.78	73.25	490.26
38.54	2.89	73.25	473.40
38.56	2.96	75.47	421.07
38.58	2.90	79.91	376.30
38.60	2.78	82.36	368.16
38.62	2.70	81.25	344.90
38.64	2.53	83.69	335.60
38.66	2.46	89.25	358.86
38.68	2.41	90.14	403.04
38.70	2.42	86.80	461.77
38.72	2.42	82.58	489.10
38.74	2.46	78.80	479.79
38.76	2.48	75.25	475.14
38.78	2.27	71.44	965.29
38.80	2.36	68.33	985.05
38.82	2.41	66.77	922.84
38.84	2.42	63.22	803.65
38.86	2.40	61.89	704.22
38.88	2.39	64.33	663.52
38.90	2.36	68.33	655.39
38.92	2.35	69.89	663.52
38.94	2.35	69.22	671.08
38.96	2.37	68.78	672.25
38.98	2.39	70.78	697.25
39.00	2.40	70.56	652.48
39.02	2.39	71.23	635.61
39.04	2.35	71.67	642.59
39.06	2.34	71.45	693.76
39.08	2.33	69.89	714.11
39.10	2.24	70.78	730.39
39.12	2.22	70.56	779.81
39.14	2.27	67.45	868.19
39.16	2.34	61.90	932.72
39.18	2.39	57.01	781.55
39.20	2.36	58.34	750.74
39.22	2.34	58.56	697.25
39.24	2.27	61.01	718.76
39.26	2.23	59.68	772.83
39.28	2.21	55.68	841.44
39.30	2.18	51.01	926.33
39.32	2.16	45.46	962.38
39.34	2.13	42.57	980.40
39.36	2.10	40.57	1001.33
39.38	2.05	38.57	1026.92
39.40	2.04	35.90	1094.94
39.42	2.06	33.24	1121.11
39.44	2.10	32.79	1104.25
39.46	2.16	33.91	1091.46
39.48	2.18	35.24	1069.94
39.50	2.21	37.02	1075.76

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N° 134

Data 12\03\12

Preforo 0.50 m. p.c. Falda 1.70 ml

Prova 1

Cert. N. 94/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
39.52	2.43	38.80	1024.59
39.54	2.48	39.47	875.16
39.56	2.38	44.14	868.77
39.58	2.26	45.92	885.63
39.60	2.29	45.70	1017.61
39.62	2.35	43.48	1118.78
39.64	2.40	40.59	1102.50
39.66	2.47	39.92	1044.94
39.68	2.44	38.59	1001.33
39.70	2.38	39.92	995.52
39.72	2.41	45.03	1050.76
39.74	2.41	45.03	1050.76
39.76	2.44	50.37	1039.13
39.78	2.46	49.03	1013.54
39.80	2.54	51.03	1119.36
39.82	2.85	50.81	1198.44
39.84	3.22	51.48	1046.10
39.86	3.41	37.03	328.62
39.88	2.97	53.04	293.15
39.90	2.68	70.15	347.23
39.92	2.47	78.15	429.21
39.94	2.39	77.48	531.54
39.96	2.38	74.82	619.92
39.98	2.39	74.37	720.50
40.00	2.50	73.03	869.35
40.02	3.19	65.70	1213.56
40.04	4.45	55.48	1232.74
40.06	5.97	44.14	698.41
40.08	6.85	43.03	165.24
40.10	7.00	67.03	83.84
40.12	6.59	59.03	34.42
40.14	5.97	56.14	9.42
40.16	5.01	59.03	3.60
40.18	3.95	73.92	4.77
40.20	3.44	84.81	13.49
40.22	3.04	100.59	26.28
40.24	2.60	114.59	44.30
40.26	2.60	114.59	44.30
40.28	2.40	94.80	123.38
40.30	2.40	94.80	123.38
40.32	2.38	78.14	161.75
40.34	2.28	68.36	208.27
40.36	2.22	59.69	262.34
40.38	2.23	55.69	342.58
40.40	2.26	55.91	437.93
40.42	2.30	59.46	537.93
40.44	2.31	61.91	634.45
40.46	2.34	59.24	710.62
40.48	2.30	55.46	743.76
40.50	2.28	53.91	767.02

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
40.52	2.23	54.58	748.41
40.54	2.18	58.58	785.04
40.56	2.23	60.13	874.00
40.58	2.38	59.24	972.26
40.60	2.62	59.47	1044.94
40.62	2.89	55.69	979.82
40.64	3.04	52.80	665.85
40.66	2.78	49.69	467.00
40.68	2.47	47.02	391.41
40.70	2.19	41.02	467.00
40.72	2.06	38.14	592.01
40.74	2.00	43.25	804.81
40.76	2.05	47.47	968.78
40.78	2.18	48.14	999.59
40.80	2.98	23.26	617.01
40.82	2.79	32.59	501.89
40.84	2.61	47.92	465.26
40.86	2.54	53.48	512.35
40.88	2.71	54.59	667.60
40.90	3.19	54.59	717.60
40.92	3.94	55.26	737.95
40.94	5.13	61.92	454.79
40.96	6.08	77.48	143.15
40.98	6.73	95.70	53.60
41.00	7.11	95.03	20.46
41.02	7.10	88.81	4.77
41.04	6.34	75.26	-6.86
41.06	5.18	58.59	-16.17
41.08	4.22	62.59	-19.65
41.10	3.49	75.03	-17.91
41.12	2.80	95.92	-13.26
41.14	2.23	124.14	-0.47
41.16	2.05	128.14	15.23
41.18	2.05	108.14	33.26
41.20	2.10	100.80	57.68
41.22	2.08	93.47	90.82
41.24	2.04	79.25	138.50
41.26	1.99	62.13	218.73
41.28	2.01	54.36	310.01
41.30	2.05	51.69	412.35
41.32	2.11	51.02	566.42
41.34	2.24	47.47	796.67
41.36	2.54	45.91	1036.80
41.38	3.24	45.69	1165.88
41.40	4.36	45.47	951.33
41.42	5.64	43.69	504.21
41.44	6.73	57.91	136.17
41.46	8.65	67.02	38.49
41.48	10.71	66.59	0.70
41.50	13.26	74.81	-0.47

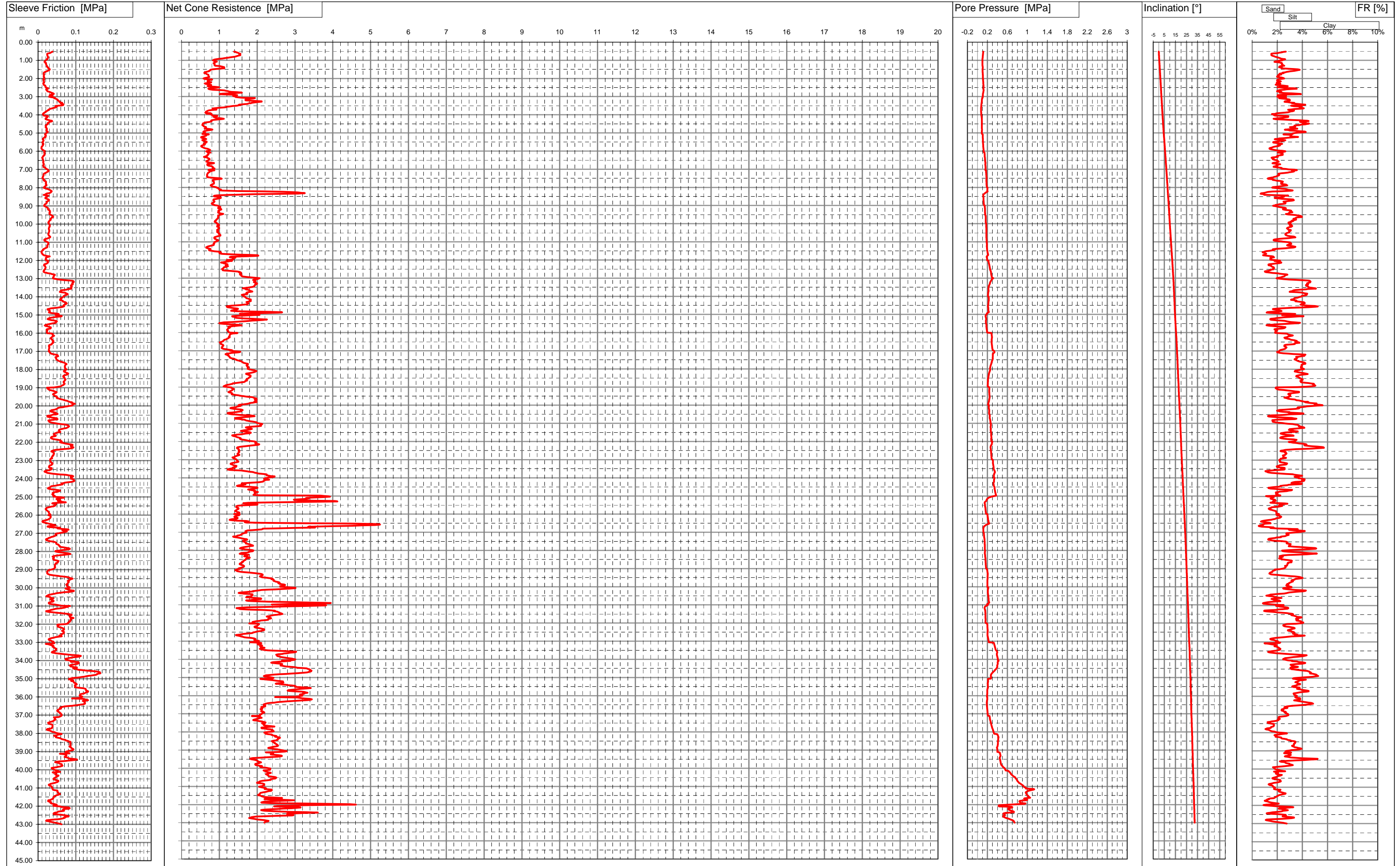
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località CARPI  
 Cantiere SOVRAPASSO N°134  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 96/2012  
 Data 13\03\12 Emesso il 14/03/12  
 Falda 1.00 ml  
 Preforo 0.50 m. p.c.

**MO-CPTU9**


  
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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova 2

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	1.39	38.25	116.40
0.54	1.43	36.47	115.82
0.56	1.45	34.69	115.24
0.58	1.49	32.92	114.66
0.60	1.50	30.92	114.08
0.62	1.52	26.03	112.91
0.64	1.56	24.25	112.33
0.66	1.56	24.03	111.75
0.68	1.53	24.03	111.17
0.70	1.56	24.26	110.00
0.72	1.56	24.26	109.42
0.74	1.52	24.71	108.84
0.76	1.47	25.15	107.68
0.78	1.45	26.04	107.10
0.80	1.41	26.27	106.51
0.82	1.34	26.49	105.93
0.84	1.29	27.16	105.35
0.86	1.22	26.27	104.19
0.88	1.15	26.05	103.61
0.90	1.09	25.16	102.45
0.92	0.99	24.05	101.28
0.94	0.91	24.72	100.70
0.96	0.87	22.50	100.12
0.98	0.85	21.17	99.54
1.00	0.83	20.28	99.54
1.02	0.86	19.39	99.54
1.04	0.86	18.06	99.54
1.06	0.93	17.65	101.28
1.08	0.93	16.76	100.70
1.10	0.89	17.87	100.12
1.12	0.88	19.20	100.12
1.14	0.87	20.98	100.12
1.16	0.85	20.10	100.12
1.18	0.88	21.21	100.12
1.20	0.88	21.65	100.70
1.22	0.88	21.21	101.28
1.24	0.87	21.43	101.28
1.26	0.87	21.88	101.86
1.28	0.88	22.32	101.86
1.30	0.89	23.43	102.45
1.32	1.00	22.99	103.61
1.34	1.05	23.43	104.19
1.36	1.09	25.21	105.35
1.38	1.13	24.77	105.93
1.40	1.12	27.21	106.51
1.42	1.12	26.55	106.51
1.44	1.13	27.21	105.93
1.46	1.01	29.66	104.77
1.48	0.89	30.55	104.19
1.50	0.82	30.99	103.03

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	0.76	30.10	103.03
1.54	0.76	28.99	103.03
1.56	0.76	27.66	103.03
1.58	0.73	25.44	103.61
1.60	0.73	22.77	104.19
1.62	0.69	20.55	104.19
1.64	0.64	18.10	104.77
1.66	0.61	16.55	104.77
1.68	0.61	15.21	105.35
1.70	0.60	15.44	105.93
1.72	0.63	14.99	106.51
1.74	0.66	14.55	107.68
1.76	0.67	15.22	108.26
1.78	0.69	16.33	108.26
1.80	0.71	15.22	108.84
1.82	0.71	14.99	109.42
1.84	0.71	15.44	109.42
1.86	0.72	14.99	110.00
1.88	0.72	14.99	110.59
1.90	0.72	14.55	110.59
1.92	0.73	15.22	111.17
1.94	0.70	16.55	110.59
1.96	0.66	16.11	110.59
1.98	0.61	15.66	110.59
2.00	0.58	15.22	110.59
2.02	0.60	14.55	110.59
2.04	0.64	13.89	111.17
2.06	0.81	16.77	114.66
2.08	0.75	15.66	114.08
2.10	0.71	14.33	114.08
2.12	0.70	14.55	114.08
2.14	0.71	15.22	114.66
2.16	0.69	16.10	115.24
2.18	0.71	15.66	115.82
2.20	0.77	15.66	116.98
2.22	0.79	16.33	117.56
2.24	0.72	14.33	117.56
2.26	0.66	13.66	116.98
2.28	0.61	14.10	116.98
2.30	0.64	14.33	117.56
2.32	0.71	14.33	118.72
2.34	0.76	14.55	119.89
2.36	0.79	16.10	121.05
2.38	0.77	18.55	121.05
2.40	0.72	18.99	121.05
2.42	0.69	20.10	120.47
2.44	0.71	19.88	121.63
2.46	0.87	19.21	122.80
2.48	0.99	20.33	123.38
2.50	0.97	22.55	122.80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.90	24.10	121.05
2.54	0.77	27.21	119.89
2.56	0.71	26.10	119.89
2.58	0.72	22.99	120.47
2.60	0.75	21.21	121.05
2.62	0.83	21.43	122.21
2.64	1.01	22.54	123.38
2.66	1.13	23.66	123.38
2.68	1.17	24.32	122.80
2.70	1.23	24.77	121.05
2.72	1.26	27.43	119.30
2.74	1.32	31.43	118.14
2.76	1.48	33.65	117.56
2.78	1.60	35.43	116.40
2.80	1.47	38.76	114.66
2.82	1.23	40.32	112.33
2.84	1.07	41.87	110.59
2.86	1.01	40.76	110.00
2.88	1.17	36.09	110.59
2.90	1.40	32.31	110.00
2.92	1.47	30.53	110.00
2.94	1.42	32.98	109.42
2.96	1.36	37.86	108.26
2.98	1.40	38.53	107.68
3.00	1.42	28.97	106.51
3.02	1.43	34.08	105.93
3.04	1.49	40.75	104.77
3.06	1.60	44.53	104.19
3.08	1.94	42.51	95.47
3.10	1.90	45.62	94.30
3.12	1.81	47.62	93.14
3.14	1.70	50.06	91.98
3.16	1.69	51.84	90.82
3.18	1.70	51.17	89.65
3.20	1.69	52.51	89.07
3.22	1.77	54.50	87.91
3.24	1.93	54.73	87.91
3.26	2.12	56.95	87.33
3.28	2.12	56.06	87.33
3.30	2.00	58.28	86.17
3.32	1.94	60.72	85.59
3.34	1.85	64.28	84.42
3.36	1.84	59.83	83.84
3.38	1.77	61.16	82.68
3.40	1.75	65.38	82.10
3.42	1.65	67.60	80.93
3.44	1.52	67.16	79.77
3.46	1.56	66.49	79.19
3.48	1.52	63.16	78.60
3.50	1.46	46.71	78.02

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.35	46.26	77.44
3.54	1.28	50.04	76.28
3.56	1.20	48.70	75.70
3.58	1.18	46.04	75.70
3.60	1.09	44.93	75.12
3.62	0.98	40.03	74.54
3.64	0.87	37.36	73.96
3.66	0.82	32.92	73.96
3.68	0.87	30.25	73.96
3.70	0.89	28.69	74.54
3.72	0.92	27.14	74.54
3.74	0.79	27.36	73.96
3.76	0.73	24.92	73.96
3.78	0.69	23.80	73.96
3.80	0.68	22.47	73.96
3.82	0.65	19.80	74.54
3.84	0.66	20.24	74.54
3.86	0.65	18.91	75.12
3.88	0.63	16.69	75.70
3.90	0.67	14.91	76.28
3.92	0.78	15.13	76.86
3.94	0.66	12.90	78.02
3.96	0.80	12.68	78.02
3.98	0.78	13.79	78.60
4.00	0.80	14.02	79.19
4.02	0.81	14.24	79.77
4.04	0.81	15.13	80.35
4.06	0.95	26.23	83.84
4.08	0.88	26.23	83.84
4.10	0.85	24.90	83.84
4.12	0.85	25.12	85.00
4.14	0.88	23.57	85.59
4.16	0.89	22.45	86.17
4.18	0.96	20.23	86.75
4.20	1.05	20.23	87.91
4.22	1.12	19.34	89.07
4.24	1.07	20.45	89.07
4.26	0.95	24.01	88.49
4.28	0.86	27.56	87.91
4.30	0.79	31.12	87.91
4.32	0.78	35.79	87.91
4.34	0.79	37.34	88.49
4.36	0.79	35.34	89.07
4.38	0.78	30.89	89.07
4.40	0.72	29.11	88.49
4.42	0.64	28.45	87.91
4.44	0.61	25.34	87.91
4.46	0.60	25.11	87.91
4.48	0.56	26.67	87.91
4.50	0.56	26.00	88.49

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.56	24.67	88.49
4.54	0.56	22.66	88.49
4.56	0.55	21.55	88.49
4.58	0.56	20.00	88.49
4.60	0.58	20.22	89.07
4.62	0.58	20.22	89.07
4.64	0.59	21.10	89.07
4.66	0.61	20.44	89.65
4.68	0.65	19.99	89.65
4.70	0.65	21.33	89.65
4.72	0.63	22.44	89.65
4.74	0.65	22.66	89.65
4.76	0.61	22.88	89.65
4.78	0.73	23.77	90.23
4.80	0.79	22.44	90.82
4.82	0.82	21.77	91.40
4.84	0.76	22.88	90.23
4.86	0.70	21.32	90.23
4.88	0.64	22.88	89.65
4.90	0.61	24.21	89.65
4.92	0.59	25.76	89.07
4.94	0.58	25.76	89.07
4.96	0.59	24.65	89.65
4.98	0.61	22.87	89.65
5.00	0.63	22.21	89.65
5.02	0.60	20.21	89.65
5.04	0.59	19.32	89.65
5.06	0.55	18.43	90.23
5.08	0.72	18.41	108.26
5.10	0.66	20.41	107.68
5.12	0.65	20.19	107.68
5.14	0.66	20.86	107.68
5.16	0.65	20.86	108.26
5.18	0.60	18.86	107.68
5.20	0.57	19.75	107.10
5.22	0.53	19.97	107.10
5.24	0.51	16.86	107.68
5.26	0.53	15.52	107.68
5.28	0.55	14.19	108.26
5.30	0.62	13.52	108.84
5.32	0.63	13.75	109.42
5.34	0.66	11.97	110.00
5.36	0.60	13.08	109.42
5.38	0.58	14.19	109.42
5.40	0.55	14.85	109.42
5.42	0.57	14.41	110.00
5.44	0.60	13.74	110.59
5.46	0.63	13.52	111.17
5.48	0.67	12.63	111.75
5.50	0.66	11.30	112.33

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.66	11.30	112.33
5.54	0.64	11.96	112.91
5.56	0.62	13.52	112.91
5.58	0.59	13.96	112.91
5.60	0.59	14.41	113.49
5.62	0.62	13.96	114.08
5.64	0.62	13.74	114.66
5.66	0.59	12.41	114.66
5.68	0.57	12.85	114.66
5.70	0.53	11.74	115.24
5.72	0.52	11.07	115.82
5.74	0.52	9.96	116.40
5.76	0.53	9.29	116.98
5.78	0.54	9.07	118.14
5.80	0.58	9.07	118.72
5.82	0.59	8.63	119.30
5.84	0.62	8.63	119.89
5.86	0.65	9.07	121.05
5.88	0.70	9.96	121.63
5.90	0.72	11.29	122.21
5.92	0.74	12.85	122.80
5.94	0.76	13.96	123.38
5.96	0.75	15.51	123.38
5.98	0.71	17.29	123.96
6.00	0.66	17.96	123.96
6.02	0.65	17.51	124.54
6.04	0.68	16.62	125.12
6.06	0.69	16.18	125.70
6.08	0.77	15.95	142.56
6.10	0.70	16.84	141.98
6.12	0.70	17.51	142.56
6.14	0.71	17.73	143.73
6.16	0.71	17.51	144.31
6.18	0.71	16.84	144.89
6.20	0.69	17.28	144.89
6.22	0.68	16.17	145.47
6.24	0.69	14.40	146.05
6.26	0.68	14.17	146.63
6.28	0.66	13.06	147.21
6.30	0.63	12.84	147.21
6.32	0.59	12.39	147.80
6.34	0.64	10.62	148.96
6.36	0.68	10.62	150.12
6.38	0.69	11.06	150.70
6.40	0.71	11.95	151.29
6.42	0.73	12.84	151.87
6.44	0.74	12.39	153.03
6.46	0.74	12.84	153.03
6.48	0.73	13.50	153.61
6.50	0.71	14.39	154.19

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.70	14.17	154.78
6.54	0.68	14.17	154.78
6.56	0.66	13.95	155.36
6.58	0.66	14.17	155.94
6.60	0.68	13.73	157.10
6.62	0.70	13.73	157.68
6.64	0.78	13.50	159.42
6.66	0.86	14.17	160.59
6.68	0.83	14.84	160.59
6.70	0.76	15.50	157.68
6.72	0.68	15.50	157.10
6.74	0.69	14.17	158.26
6.76	0.68	14.17	158.84
6.78	0.69	13.50	159.42
6.80	0.71	14.17	160.59
6.82	0.75	15.50	161.75
6.84	0.80	14.17	162.33
6.86	0.82	14.17	162.91
6.88	0.83	15.94	162.91
6.90	0.83	18.39	162.33
6.92	0.83	19.94	163.50
6.94	0.85	20.17	163.50
6.96	0.87	20.83	162.91
6.98	0.85	23.50	161.75
7.00	0.82	24.61	160.00
7.02	0.75	26.39	158.84
7.04	0.71	26.17	158.26
7.06	0.87	28.38	173.96
7.08	0.82	28.61	173.38
7.10	0.79	27.27	172.80
7.12	0.76	26.16	172.80
7.14	0.74	23.94	173.38
7.16	0.74	22.38	173.38
7.18	0.71	20.83	173.96
7.20	0.71	18.61	174.54
7.22	0.70	16.38	174.54
7.24	0.70	14.83	175.12
7.26	0.68	14.83	175.70
7.28	0.67	14.38	176.29
7.30	0.67	14.83	176.29
7.32	0.67	14.83	177.45
7.34	0.67	14.38	178.03
7.36	0.67	13.72	178.61
7.38	0.68	13.49	179.20
7.40	0.67	13.05	179.78
7.42	0.67	11.94	180.36
7.44	0.68	11.72	180.94
7.46	0.75	11.49	182.10
7.48	0.89	11.94	184.43
7.50	1.03	13.05	186.17

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	1.06	13.71	183.85
7.54	1.01	16.16	180.94
7.56	0.92	15.94	179.20
7.58	0.85	14.16	178.03
7.60	0.83	15.27	179.20
7.62	0.83	16.38	179.20
7.64	0.83	18.83	179.20
7.66	0.85	20.83	179.78
7.68	0.85	21.27	180.36
7.70	0.86	21.27	180.94
7.72	0.86	20.83	181.52
7.74	0.86	20.16	182.10
7.76	0.86	21.05	182.10
7.78	0.86	20.83	182.68
7.80	0.86	20.16	183.26
7.82	0.83	21.49	182.68
7.84	0.80	22.38	183.26
7.86	0.80	22.38	183.85
7.88	0.77	22.16	184.43
7.90	0.77	19.71	185.59
7.92	0.79	19.04	186.17
7.94	0.80	18.38	187.33
7.96	0.85	16.38	188.50
7.98	0.89	15.04	189.66
8.00	0.93	15.04	189.66
8.02	0.93	16.83	202.45
8.04	0.98	19.94	201.87
8.06	0.98	22.83	200.70
8.08	0.98	26.16	200.70
8.10	1.00	28.60	200.70
8.12	1.04	30.16	200.12
8.14	1.01	32.16	197.80
8.16	1.01	33.71	196.64
8.18	1.10	35.27	196.64
8.20	1.49	36.16	201.29
8.22	2.15	35.27	205.36
8.24	2.70	33.93	196.06
8.26	2.92	33.93	182.10
8.28	3.07	32.16	171.63
8.30	3.16	29.49	160.59
8.32	3.26	23.49	151.87
8.34	3.08	20.82	143.73
8.36	2.48	21.71	133.26
8.38	1.90	18.38	125.70
8.40	1.53	14.82	119.89
8.42	1.21	20.38	115.82
8.44	0.93	27.49	115.82
8.46	0.87	22.37	116.40
8.48	0.86	21.49	116.98
8.50	0.87	22.60	117.56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	0.93	23.26	118.72
8.54	1.00	22.37	120.47
8.56	1.04	19.04	121.05
8.58	1.04	19.04	121.05
8.60	1.01	21.71	121.63
8.62	0.97	23.71	121.63
8.64	0.91	26.60	121.63
8.66	0.85	28.82	121.63
8.68	0.84	28.60	121.63
8.70	0.84	29.04	122.21
8.72	0.84	27.70	122.80
8.74	0.85	25.70	123.38
8.76	0.86	23.70	123.96
8.78	0.88	22.37	124.54
8.80	0.86	23.48	125.12
8.82	0.85	23.26	125.70
8.84	0.84	22.82	126.29
8.86	0.82	22.37	126.87
8.88	0.80	21.70	127.45
8.90	0.80	19.93	128.03
8.92	0.81	17.70	128.61
8.94	0.82	17.48	129.19
8.96	0.86	16.37	130.35
8.98	0.88	16.37	130.93
9.00	0.94	15.93	145.47
9.02	0.97	17.93	146.63
9.04	1.00	19.71	147.21
9.06	1.01	21.26	147.80
9.08	1.03	23.26	148.38
9.10	1.00	25.04	148.38
9.12	0.97	26.37	148.96
9.14	0.96	26.60	149.54
9.16	0.99	26.15	150.70
9.18	1.04	26.15	151.29
9.20	1.05	26.37	151.29
9.22	1.05	27.49	151.29
9.24	1.03	29.71	151.29
9.26	1.00	31.04	151.29
9.28	0.97	31.26	151.29
9.30	1.00	30.82	151.87
9.32	0.99	31.93	151.87
9.34	0.99	31.93	152.45
9.36	0.96	31.93	153.03
9.38	0.97	29.71	153.03
9.40	0.97	29.71	153.03
9.42	1.01	30.15	153.61
9.44	1.05	31.26	154.19
9.46	1.10	30.37	154.19
9.48	1.08	31.93	153.61
9.50	1.04	34.37	153.03

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.01	36.15	158.26
9.54	0.98	37.48	164.08
9.56	0.96	38.60	164.66
9.58	0.97	39.48	165.24
9.60	0.97	40.15	167.57
9.62	0.96	39.71	168.15
9.64	0.96	36.37	168.15
9.66	0.97	35.26	168.15
9.68	0.96	34.82	168.15
9.70	0.96	33.93	167.57
9.72	0.96	32.59	167.57
9.74	0.94	32.37	167.57
9.76	0.93	33.70	167.57
9.78	0.92	32.59	167.57
9.80	0.92	31.48	167.57
9.82	0.92	29.93	167.57
9.84	0.88	29.92	167.57
9.86	0.88	28.81	167.57
9.88	0.88	27.70	167.57
9.90	0.87	28.15	167.57
9.92	0.91	27.03	168.15
9.94	0.92	27.26	168.15
9.96	0.93	28.37	168.15
9.98	0.94	28.37	175.12
10.00	0.93	29.49	175.12
10.02	0.96	29.93	175.70
10.04	0.99	30.15	175.70
10.06	0.97	31.49	176.29
10.08	1.00	30.82	176.29
10.10	0.97	30.82	176.29
10.12	0.94	31.04	176.29
10.14	0.94	29.93	176.29
10.16	0.94	30.37	176.29
10.18	0.97	29.93	176.87
10.20	0.99	29.04	176.87
10.22	0.99	28.60	177.45
10.24	1.00	28.37	177.45
10.26	1.00	28.60	177.45
10.28	0.98	28.82	177.45
10.30	0.96	28.60	177.45
10.32	0.97	28.82	177.45
10.34	0.94	29.93	177.45
10.36	0.96	29.48	177.45
10.38	0.94	29.71	177.45
10.40	0.97	29.48	178.03
10.42	0.96	29.04	178.03
10.44	0.94	28.60	178.03
10.46	0.94	28.60	178.61
10.48	0.96	28.60	178.61
10.50	0.98	28.15	179.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	0.98	27.48	179.78
10.54	1.00	27.26	179.78
10.56	0.98	27.04	179.78
10.58	1.01	27.26	179.78
10.60	1.01	27.71	179.78
10.62	1.03	28.37	179.78
10.64	1.03	29.48	180.36
10.66	1.03	29.93	179.78
10.68	0.98	31.04	179.20
10.70	0.94	32.37	179.20
10.72	0.92	32.15	179.20
10.74	0.88	31.26	179.20
10.76	0.87	28.82	179.78
10.78	0.87	26.37	180.36
10.80	0.86	23.48	180.94
10.82	0.89	19.93	181.52
10.84	0.89	17.70	182.68
10.86	0.92	16.37	182.68
10.88	0.93	16.15	183.26
10.90	0.96	16.60	183.85
10.92	0.97	17.48	184.43
10.94	0.96	19.04	183.85
10.96	0.93	22.15	183.85
10.98	0.92	23.26	183.85
11.00	0.89	25.93	183.26
11.02	0.87	27.04	189.08
11.04	0.87	27.27	189.08
11.06	0.87	27.71	189.08
11.08	0.87	26.60	189.08
11.10	0.85	27.27	189.08
11.12	0.85	26.38	189.08
11.14	0.85	25.71	189.66
11.16	0.86	24.83	189.66
11.18	0.85	24.16	189.66
11.20	0.81	23.94	189.08
11.22	0.76	24.83	189.08
11.24	0.73	25.05	188.50
11.26	0.70	24.83	188.50
11.28	0.67	23.94	189.08
11.30	0.65	22.16	189.66
11.32	0.65	19.94	190.24
11.34	0.67	18.38	190.82
11.36	0.71	16.38	191.99
11.38	0.75	14.16	192.57
11.40	0.77	12.83	193.15
11.42	0.75	13.94	193.15
11.44	0.73	12.83	193.73
11.46	0.73	11.71	194.31
11.48	0.75	10.38	195.48
11.50	0.80	9.27	197.22

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	0.87	9.05	198.96
11.54	0.97	9.05	200.70
11.56	1.03	8.61	203.03
11.58	1.04	9.27	204.20
11.60	1.01	10.16	205.36
11.62	1.00	10.61	206.52
11.64	1.01	11.49	207.69
11.66	1.07	11.72	208.85
11.68	1.22	12.83	211.75
11.70	1.47	14.83	214.66
11.72	1.78	15.50	216.40
11.74	2.00	20.16	212.92
11.76	2.03	25.05	204.20
11.78	1.96	31.05	194.89
11.80	1.59	27.27	186.75
11.82	1.31	22.16	183.85
11.84	1.27	22.61	185.59
11.86	1.35	20.16	188.50
11.88	1.42	20.83	190.82
11.90	1.37	21.27	191.40
11.92	1.36	20.16	192.57
11.94	1.36	19.94	193.73
11.96	1.37	19.94	195.48
11.98	1.33	20.83	195.48
12.00	1.24	23.94	195.48
12.02	1.19	27.05	195.48
12.04	1.34	24.16	223.38
12.06	1.27	25.27	223.38
12.08	1.23	26.16	223.96
12.10	1.18	26.61	224.55
12.12	1.11	26.39	225.13
12.14	1.05	24.83	225.71
12.16	1.09	23.94	227.45
12.18	1.12	21.50	229.78
12.20	1.16	19.05	231.52
12.22	1.19	16.39	233.85
12.24	1.22	15.94	235.59
12.26	1.21	16.16	236.76
12.28	1.17	15.50	237.92
12.30	1.16	17.94	239.08
12.32	1.21	18.61	241.40
12.34	1.23	19.05	243.15
12.36	1.21	19.72	244.31
12.38	1.19	20.16	244.90
12.40	1.12	19.72	246.06
12.42	1.12	19.72	247.22
12.44	1.11	19.72	248.97
12.46	1.10	18.61	250.13
12.48	1.09	18.38	251.29
12.50	1.07	18.38	253.03

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova 2

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.10	16.38	254.78
12.54	1.09	16.38	256.52
12.56	1.09	15.27	258.27
12.58	1.13	14.83	261.18
12.60	1.27	14.38	264.66
12.62	1.40	14.16	268.15
12.64	1.49	15.50	270.48
12.66	1.55	17.50	271.06
12.68	1.52	22.38	271.64
12.70	1.58	25.94	271.64
12.72	1.55	32.83	272.80
12.74	1.56	34.61	274.55
12.76	1.58	38.39	275.71
12.78	1.55	44.16	276.29
12.80	1.55	44.61	278.04
12.82	1.59	43.05	279.20
12.84	1.58	42.61	280.36
12.86	1.58	41.94	281.52
12.88	1.59	41.94	282.69
12.90	1.60	41.05	284.43
12.92	1.65	39.94	286.18
12.94	1.72	41.05	289.09
12.96	1.84	39.94	291.41
12.98	1.93	39.27	293.73
13.00	2.07	40.83	315.83
13.02	2.03	47.27	310.01
13.04	2.02	51.94	300.13
13.06	1.97	59.72	291.41
13.08	1.93	69.94	285.60
13.10	1.89	81.72	280.94
13.12	1.93	91.05	278.04
13.14	1.95	93.94	274.55
13.16	1.96	93.49	269.90
13.18	1.95	94.83	265.25
13.20	1.95	92.83	260.01
13.22	1.91	92.60	257.10
13.24	1.93	91.71	254.78
13.26	1.96	90.15	252.45
13.28	2.00	91.04	250.13
13.30	1.98	92.37	248.39
13.32	2.00	91.48	246.64
13.34	1.95	90.82	244.90
13.36	1.96	87.70	240.82
13.38	1.94	87.48	237.34
13.40	1.94	86.81	233.27
13.42	1.93	87.70	230.36
13.44	1.93	89.70	229.20
13.46	1.90	88.81	227.45
13.48	1.88	87.70	225.13
13.50	1.83	87.25	222.80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.76	87.47	220.48
13.54	1.68	88.58	220.48
13.56	1.62	86.58	220.48
13.58	1.69	78.13	220.48
13.60	1.69	76.13	221.06
13.62	1.70	70.80	222.22
13.64	1.77	62.80	222.22
13.66	1.78	60.35	222.22
13.68	1.80	60.13	222.80
13.70	1.81	59.46	223.96
13.72	1.85	57.68	223.96
13.74	1.88	57.68	221.64
13.76	1.80	66.57	218.73
13.78	1.73	72.35	217.57
13.80	1.73	73.02	216.40
13.82	1.71	75.24	216.40
13.84	1.71	78.57	216.40
13.86	1.74	79.02	215.82
13.88	1.73	77.24	214.08
13.90	1.65	75.01	213.50
13.92	1.59	71.46	212.33
13.94	1.62	70.57	212.33
13.96	1.65	67.68	212.33
13.98	1.65	67.68	212.33
14.00	1.64	67.01	212.92
14.02	1.68	65.68	212.92
14.04	1.68	64.58	225.13
14.06	1.69	63.47	225.71
14.08	1.71	59.69	226.29
14.10	1.72	59.47	226.29
14.12	1.75	60.80	226.29
14.14	1.77	61.02	226.87
14.16	1.80	58.36	226.87
14.18	1.84	58.36	225.71
14.20	1.81	63.47	225.71
14.22	1.80	65.91	225.71
14.24	1.84	65.47	225.71
14.26	1.84	65.47	224.55
14.28	1.80	69.47	222.80
14.30	1.75	73.02	221.06
14.32	1.72	74.13	220.48
14.34	1.75	74.13	220.48
14.36	1.74	76.13	220.48
14.38	1.76	75.69	220.48
14.40	1.77	72.58	219.31
14.42	1.75	72.36	218.73
14.44	1.74	69.47	218.15
14.46	1.65	67.91	216.99
14.48	1.56	67.46	215.24
14.50	1.44	67.02	213.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.32	69.46	212.33
14.54	1.22	67.46	212.33
14.56	1.19	63.46	212.33
14.58	1.20	56.79	213.50
14.60	1.21	49.24	214.66
14.62	1.27	41.02	216.40
14.64	1.34	33.91	216.99
14.66	1.41	29.46	218.15
14.68	1.49	25.02	219.31
14.70	1.49	25.02	219.31
14.72	1.46	26.57	219.31
14.74	1.43	29.68	219.31
14.76	1.38	31.02	219.31
14.78	1.32	31.24	219.90
14.80	1.31	31.46	220.48
14.82	1.45	31.02	222.22
14.84	1.88	28.58	227.45
14.86	2.34	28.58	230.36
14.88	2.66	31.02	227.45
14.90	2.57	37.02	214.66
14.92	2.22	49.02	197.80
14.94	1.81	54.36	189.66
14.96	1.54	54.80	186.75
14.98	1.62	50.80	187.33
15.00	1.75	46.13	188.50
15.02	2.07	50.38	174.54
15.04	1.89	58.38	168.15
15.06	1.66	63.05	164.08
15.08	1.41	60.38	162.91
15.10	1.34	49.94	163.50
15.12	1.35	42.16	165.24
15.14	1.42	37.50	166.99
15.16	1.42	32.83	168.73
15.18	1.42	28.61	169.89
15.20	1.49	27.05	171.63
15.22	1.65	25.27	173.96
15.24	1.88	27.27	175.12
15.26	2.08	30.38	176.29
15.28	2.26	34.83	176.29
15.30	2.15	41.71	173.96
15.32	2.02	47.04	171.05
15.34	1.88	49.71	170.47
15.36	1.76	49.71	171.05
15.38	1.64	48.16	170.47
15.40	1.47	46.60	169.89
15.42	1.33	47.27	169.31
15.44	1.12	44.38	168.73
15.46	1.05	38.15	168.73
15.48	1.00	34.60	169.89
15.50	1.03	28.60	172.22

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.12	24.82	174.54
15.54	1.29	22.38	176.87
15.56	1.42	18.82	179.78
15.58	1.54	17.71	180.94
15.60	1.59	21.26	180.94
15.62	1.49	23.93	179.78
15.64	1.37	27.26	178.61
15.66	1.28	30.15	178.61
15.68	1.24	33.71	179.78
15.70	1.29	33.71	181.52
15.72	1.27	33.93	182.10
15.74	1.27	32.82	182.68
15.76	1.24	29.93	183.85
15.78	1.24	24.15	185.01
15.80	1.23	22.15	186.17
15.82	1.21	22.15	187.33
15.84	1.20	24.60	188.50
15.86	1.20	24.60	189.08
15.88	1.21	23.93	190.24
15.90	1.24	23.71	191.40
15.92	1.23	23.49	191.99
15.94	1.24	23.27	193.15
15.96	1.25	23.27	194.31
15.98	1.25	23.71	195.48
16.00	1.28	23.93	197.22
16.02	1.48	35.05	282.10
16.04	1.39	39.50	280.94
16.06	1.34	38.83	282.10
16.08	1.30	38.17	283.27
16.10	1.29	38.83	284.43
16.12	1.27	40.83	285.01
16.14	1.27	42.61	286.76
16.16	1.27	41.05	287.34
16.18	1.27	38.83	288.50
16.20	1.27	37.50	290.25
16.22	1.25	36.39	290.83
16.24	1.27	35.72	291.41
16.26	1.27	33.50	291.99
16.28	1.25	33.72	291.41
16.30	1.24	33.50	290.83
16.32	1.23	35.27	289.09
16.34	1.21	37.05	287.92
16.36	1.19	37.05	286.76
16.38	1.17	37.49	285.60
16.40	1.13	39.27	284.43
16.42	1.12	39.94	283.27
16.44	1.11	41.05	283.27
16.46	1.10	40.16	283.85
16.48	1.10	38.83	283.85
16.50	1.06	39.49	283.85

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.04	40.16	283.85
16.54	1.01	39.71	283.85
16.56	1.03	37.27	285.01
16.58	1.04	36.38	285.01
16.60	1.03	36.38	286.18
16.62	1.03	35.71	287.34
16.64	1.05	31.27	288.50
16.66	1.08	29.49	289.67
16.68	1.10	28.82	290.83
16.70	1.11	29.49	291.41
16.72	1.11	29.04	292.57
16.74	1.10	28.82	292.57
16.76	1.08	29.71	293.15
16.78	1.08	30.16	294.32
16.80	1.06	29.93	295.48
16.82	1.06	29.71	296.06
16.84	1.06	29.04	297.22
16.86	1.06	29.04	297.80
16.88	1.08	28.82	298.97
16.90	1.12	28.60	300.71
16.92	1.18	28.60	302.46
16.94	1.25	28.82	304.78
16.96	1.30	29.49	307.11
16.98	1.34	29.71	308.27
17.00	1.28	28.16	331.53
17.02	1.36	29.71	334.43
17.04	1.49	30.16	338.50
17.06	1.55	31.49	340.83
17.08	1.52	32.61	341.41
17.10	1.45	32.61	337.92
17.12	1.33	33.94	328.04
17.14	1.27	37.72	316.99
17.16	1.22	41.72	309.43
17.18	1.16	47.27	307.69
17.20	1.16	51.49	309.43
17.22	1.21	51.94	310.01
17.24	1.24	51.71	309.43
17.26	1.23	53.27	309.43
17.28	1.25	51.49	308.85
17.30	1.25	48.60	308.85
17.32	1.27	45.93	308.27
17.34	1.27	46.82	308.27
17.36	1.28	47.93	307.69
17.38	1.28	47.49	306.53
17.40	1.30	47.93	306.53
17.42	1.33	48.60	307.69
17.44	1.39	48.60	307.69
17.46	1.41	49.27	305.95
17.48	1.42	51.04	304.20
17.50	1.45	52.82	301.30

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.46	54.37	298.97
17.54	1.51	56.82	297.22
17.56	1.54	59.26	294.90
17.58	1.58	62.15	291.41
17.60	1.59	65.93	288.50
17.62	1.60	68.82	286.18
17.64	1.63	71.26	283.27
17.66	1.64	71.93	280.94
17.68	1.67	73.93	279.78
17.70	1.71	75.70	279.20
17.72	1.75	73.92	277.46
17.74	1.74	72.59	274.55
17.76	1.75	71.70	271.64
17.78	1.74	71.48	268.73
17.80	1.72	71.26	266.41
17.82	1.72	70.81	264.08
17.84	1.74	71.25	262.34
17.86	1.75	70.81	260.01
17.88	1.74	71.70	258.85
17.90	1.77	71.47	258.27
17.92	1.76	71.25	255.94
17.94	1.75	71.92	254.20
17.96	1.75	73.03	252.45
17.98	1.75	75.25	251.29
18.00	1.75	75.25	250.13
18.02	1.79	71.25	257.10
18.04	1.84	72.36	255.94
18.06	1.87	70.36	254.78
18.08	1.93	68.14	252.45
18.10	1.96	69.25	250.13
18.12	1.98	69.47	247.80
18.14	1.96	71.70	244.90
18.16	1.95	73.70	241.99
18.18	1.90	75.03	239.66
18.20	1.87	78.14	237.92
18.22	1.84	79.92	235.59
18.24	1.77	79.25	233.27
18.26	1.71	79.03	231.52
18.28	1.71	75.69	230.36
18.30	1.74	72.36	229.20
18.32	1.76	69.02	227.45
18.34	1.78	67.69	225.71
18.36	1.82	66.58	223.96
18.38	1.82	66.36	223.96
18.40	1.82	66.58	222.80
18.42	1.82	68.36	222.22
18.44	1.82	69.47	221.06
18.46	1.80	70.36	219.31
18.48	1.78	70.35	218.15
18.50	1.78	70.13	216.99

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.77	71.24	215.82
18.54	1.75	73.02	214.66
18.56	1.74	72.35	213.50
18.58	1.71	71.91	212.33
18.60	1.71	70.79	211.75
18.62	1.71	70.57	212.33
18.64	1.73	69.02	211.75
18.66	1.69	67.68	211.75
18.68	1.68	67.68	211.75
18.70	1.68	67.68	211.17
18.72	1.66	67.68	210.01
18.74	1.58	69.46	210.01
18.76	1.49	70.12	209.43
18.78	1.43	70.57	208.85
18.80	1.35	69.90	208.85
18.82	1.35	68.35	208.27
18.84	1.31	67.68	207.69
18.86	1.27	65.90	207.69
18.88	1.21	63.01	207.10
18.90	1.17	61.90	206.52
18.92	1.16	60.12	207.10
18.94	1.13	55.90	207.69
18.96	1.11	50.35	208.27
18.98	1.16	43.23	209.43
19.00	1.23	23.69	234.43
19.02	1.31	25.24	236.76
19.04	1.31	25.02	237.34
19.06	1.34	25.91	237.92
19.08	1.35	27.69	239.08
19.10	1.39	28.13	238.50
19.12	1.38	30.36	237.92
19.14	1.35	34.58	236.76
19.16	1.35	38.80	236.18
19.18	1.34	41.25	236.76
19.20	1.31	43.69	236.76
19.22	1.29	46.14	236.76
19.24	1.27	49.25	236.76
19.26	1.26	49.02	237.34
19.28	1.24	47.03	237.34
19.30	1.27	45.03	237.34
19.32	1.32	41.92	238.50
19.34	1.34	40.14	238.50
19.36	1.34	39.47	239.66
19.38	1.34	39.69	239.08
19.40	1.33	41.69	239.08
19.42	1.38	42.58	239.66
19.44	1.45	44.36	240.82
19.46	1.51	46.58	241.40
19.48	1.57	49.03	242.57
19.50	1.63	48.58	242.57

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.68	50.80	243.15
19.54	1.77	51.03	244.31
19.56	1.88	49.47	244.31
19.58	1.90	52.14	243.73
19.60	1.92	55.69	242.57
19.62	1.98	58.14	240.82
19.64	1.98	62.80	239.08
19.66	1.93	67.03	238.50
19.68	1.94	69.25	237.34
19.70	1.99	72.36	235.59
19.72	1.98	76.81	234.43
19.74	1.96	79.25	233.27
19.76	1.96	81.25	232.10
19.78	1.95	84.14	230.36
19.80	1.92	90.14	229.78
19.82	1.99	87.69	227.45
19.84	1.95	91.03	224.55
19.86	1.88	92.58	222.22
19.88	1.80	97.47	221.06
19.90	1.80	94.58	219.31
19.92	1.75	91.02	216.99
19.94	1.69	90.36	214.66
19.96	1.60	91.47	212.33
19.98	1.52	90.36	211.17
20.00	1.51	82.80	228.61
20.02	1.56	77.25	229.20
20.04	1.56	71.25	229.20
20.06	1.51	67.02	228.61
20.08	1.47	60.36	228.03
20.10	1.44	54.58	228.03
20.12	1.39	51.91	228.03
20.14	1.32	51.69	227.45
20.16	1.29	49.91	228.03
20.18	1.32	47.24	229.20
20.20	1.39	44.36	230.94
20.22	1.48	39.47	233.27
20.24	1.57	35.02	234.43
20.26	1.62	33.91	235.01
20.28	1.62	32.58	235.59
20.30	1.56	33.47	236.18
20.32	1.57	35.91	236.76
20.34	1.57	39.25	236.18
20.36	1.50	46.13	236.18
20.38	1.46	43.25	235.01
20.40	1.35	45.91	233.27
20.42	1.24	50.80	233.27
20.44	1.22	51.91	233.85
20.46	1.23	49.02	235.59
20.48	1.26	39.69	237.34
20.50	1.34	36.36	238.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.46	34.36	241.40
20.54	1.59	24.80	243.73
20.56	1.81	24.58	247.22
20.58	1.90	24.14	249.55
20.60	1.93	26.14	249.55
20.62	1.88	31.47	247.22
20.64	1.76	37.03	246.06
20.66	1.64	44.36	245.48
20.68	1.53	49.92	244.90
20.70	1.43	49.25	245.48
20.72	1.41	51.70	246.64
20.74	1.41	49.92	247.22
20.76	1.52	40.59	250.71
20.78	1.60	32.36	253.03
20.80	1.66	27.03	254.78
20.82	1.70	27.70	255.94
20.84	1.71	29.47	257.10
20.86	1.75	29.47	258.85
20.88	1.81	29.92	260.01
20.90	1.87	32.59	261.18
20.92	1.94	36.81	261.76
20.94	1.98	42.59	262.92
20.96	1.99	49.25	262.34
20.98	1.99	53.92	261.18
21.00	2.05	60.59	260.01
21.02	2.10	70.60	271.64
21.04	2.14	75.71	270.48
21.06	2.10	79.26	269.90
21.08	2.10	80.37	268.73
21.10	2.08	79.93	268.15
21.12	2.10	82.59	268.73
21.14	2.10	81.04	268.15
21.16	1.98	80.15	265.83
21.18	1.87	78.59	264.08
21.20	1.78	76.15	263.50
21.22	1.70	73.92	264.08
21.24	1.71	68.81	265.83
21.26	1.76	64.37	266.99
21.28	1.82	60.36	268.15
21.30	1.86	56.81	268.15
21.32	1.82	55.70	268.15
21.34	1.82	54.59	267.57
21.36	1.74	55.47	266.99
21.38	1.66	56.14	266.41
21.40	1.60	55.25	265.83
21.42	1.57	59.03	265.83
21.44	1.62	59.03	268.15
21.46	1.72	51.92	270.48
21.48	1.78	48.14	272.80
21.50	1.83	45.47	273.97



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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.84	43.25	274.55
21.54	1.80	41.69	274.55
21.56	1.70	41.25	275.13
21.58	1.65	42.14	275.13
21.60	1.58	44.58	275.13
21.62	1.48	45.69	273.97
21.64	1.40	47.02	273.97
21.66	1.34	45.69	274.55
21.68	1.35	39.47	276.29
21.70	1.38	36.36	277.46
21.72	1.41	34.80	278.62
21.74	1.46	33.91	278.62
21.76	1.47	33.91	279.78
21.78	1.52	34.58	280.94
21.80	1.53	37.02	280.36
21.82	1.56	40.14	278.04
21.84	1.56	45.47	275.71
21.86	1.54	52.80	275.13
21.88	1.58	57.91	275.71
21.90	1.63	59.02	276.88
21.92	1.68	60.14	276.88
21.94	1.74	62.14	277.46
21.96	1.77	62.80	278.04
21.98	1.87	60.14	278.62
22.00	1.94	58.15	300.13
22.02	1.96	62.15	298.97
22.04	1.98	67.03	296.64
22.06	1.95	71.26	293.15
22.08	1.95	76.15	290.25
22.10	1.95	83.03	289.67
22.12	1.98	88.81	290.25
22.14	2.03	91.70	289.67
22.16	2.06	91.48	287.34
22.18	2.03	87.70	281.52
22.20	1.95	85.92	276.29
22.22	1.83	87.25	272.22
22.24	1.76	89.03	268.73
22.26	1.66	91.47	265.83
22.28	1.59	93.92	264.66
22.30	1.53	92.59	264.08
22.32	1.48	89.69	264.08
22.34	1.47	83.03	264.08
22.36	1.47	74.36	265.25
22.38	1.48	65.02	265.83
22.40	1.50	54.13	266.99
22.42	1.51	45.91	268.15
22.44	1.52	41.02	268.73
22.46	1.51	38.36	269.90
22.48	1.52	35.69	270.48
22.50	1.52	35.02	271.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.53	36.80	271.64
22.54	1.51	40.58	272.80
22.56	1.52	41.91	273.39
22.58	1.53	40.80	273.97
22.60	1.52	41.69	274.55
22.62	1.51	42.13	275.13
22.64	1.50	42.13	275.71
22.66	1.50	41.24	276.29
22.68	1.48	40.58	276.88
22.70	1.50	40.13	278.04
22.72	1.51	40.58	279.20
22.74	1.53	38.36	279.20
22.76	1.51	38.80	278.62
22.78	1.48	37.69	279.20
22.80	1.44	37.25	280.36
22.82	1.41	35.91	280.36
22.84	1.41	35.69	280.36
22.86	1.39	36.14	280.36
22.88	1.35	37.47	281.52
22.90	1.36	34.80	282.69
22.92	1.39	32.36	283.27
22.94	1.39	32.58	284.43
22.96	1.41	32.36	285.60
22.98	1.45	31.92	286.18
23.00	1.45	31.93	306.53
23.02	1.45	32.15	308.27
23.04	1.47	33.26	308.85
23.06	1.47	33.93	310.01
23.08	1.48	33.93	311.18
23.10	1.51	33.93	311.76
23.12	1.51	35.04	311.18
23.14	1.45	37.71	310.60
23.16	1.41	38.15	310.01
23.18	1.34	38.60	309.43
23.20	1.32	37.48	310.60
23.22	1.30	36.82	311.76
23.24	1.30	35.93	313.50
23.26	1.32	33.26	314.67
23.28	1.35	30.37	316.41
23.30	1.37	29.93	316.99
23.32	1.40	29.71	318.74
23.34	1.45	28.82	320.48
23.36	1.45	29.48	321.64
23.38	1.44	29.04	322.22
23.40	1.44	31.26	322.22
23.42	1.39	36.15	322.22
23.44	1.35	36.15	323.97
23.46	1.39	32.60	325.13
23.48	1.33	35.04	325.13
23.50	1.29	34.37	325.71

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.24	32.37	326.30
23.54	1.21	27.04	328.04
23.56	1.27	21.48	331.53
23.58	1.41	19.26	336.76
23.60	1.58	16.82	340.83
23.62	1.66	17.93	343.16
23.64	1.72	20.37	345.48
23.66	1.79	22.15	348.97
23.68	1.88	24.82	351.30
23.70	1.91	29.93	350.13
23.72	1.94	37.26	347.23
23.74	2.00	45.04	340.83
23.76	2.03	56.60	336.18
23.78	2.12	70.60	337.34
23.80	2.24	77.49	336.18
23.82	2.26	82.82	332.69
23.84	2.26	89.93	329.20
23.86	2.25	93.26	329.20
23.88	2.30	92.82	329.79
23.90	2.35	88.60	329.79
23.92	2.46	85.93	329.20
23.94	2.46	89.04	328.04
23.96	2.41	89.70	326.30
23.98	2.31	89.26	324.55
24.00	2.26	87.26	341.41
24.02	2.22	92.37	340.25
24.04	2.20	92.81	337.92
24.06	2.18	95.26	336.18
24.08	2.26	95.03	335.60
24.10	2.32	95.70	333.85
24.12	2.22	96.37	332.69
24.14	2.20	94.59	332.11
24.16	2.19	91.48	330.95
24.18	2.16	87.47	331.53
24.20	2.16	76.59	331.53
24.22	2.13	71.47	330.95
24.24	2.04	67.03	328.04
24.26	1.92	61.92	323.97
24.28	1.74	62.58	319.32
24.30	1.60	65.91	319.32
24.32	1.59	63.91	320.48
24.34	1.64	56.13	323.39
24.36	1.69	50.80	325.71
24.38	1.63	46.80	326.30
24.40	1.56	39.69	326.30
24.42	1.51	34.58	327.46
24.44	1.47	34.36	328.62
24.46	1.48	32.58	330.95
24.48	1.64	29.91	335.60
24.50	1.81	29.02	342.00

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Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.98	26.13	345.48
24.54	2.01	26.36	345.48
24.56	2.01	29.47	344.90
24.58	1.96	35.02	344.90
24.60	1.89	42.36	343.74
24.62	1.82	50.80	343.16
24.64	1.76	57.91	343.16
24.66	1.80	58.14	346.65
24.68	1.86	55.91	348.97
24.70	1.95	55.47	351.30
24.72	1.93	49.91	353.04
24.74	1.93	43.02	353.62
24.76	1.92	39.91	354.79
24.78	2.02	38.80	357.69
24.80	2.01	41.02	359.44
24.82	1.98	41.02	360.60
24.84	1.93	39.25	362.34
24.86	1.95	37.47	362.92
24.88	1.93	40.14	365.83
24.90	1.92	39.47	367.58
24.92	1.93	39.69	368.16
24.94	1.90	43.69	369.32
24.96	2.04	44.58	373.97
24.98	3.67	40.82	377.46
25.00	3.79	47.93	337.34
25.02	3.89	61.70	307.69
25.04	3.93	69.03	282.69
25.06	3.76	59.70	257.69
25.08	3.56	56.15	236.18
25.10	3.32	51.48	222.22
25.12	3.29	48.59	214.08
25.14	3.36	53.03	207.10
25.16	3.28	55.48	198.38
25.18	3.15	58.59	190.82
25.20	2.97	53.26	185.59
25.22	2.98	52.37	183.85
25.24	3.17	60.81	183.26
25.26	3.50	59.48	182.10
25.28	4.06	68.14	176.29
25.30	4.12	73.70	165.24
25.32	3.52	57.92	154.78
25.34	2.76	40.59	147.80
25.36	2.18	37.25	144.89
25.38	1.76	47.03	143.73
25.40	1.63	47.25	145.47
25.42	1.77	45.03	147.80
25.44	1.93	45.92	149.54
25.46	2.01	45.69	150.70
25.48	2.00	43.47	151.29
25.50	1.80	43.69	151.87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.59	38.80	151.87
25.54	1.48	34.36	152.45
25.56	1.46	31.02	153.61
25.58	1.45	26.14	154.78
25.60	1.45	22.58	155.94
25.62	1.45	22.36	157.10
25.64	1.47	21.02	158.26
25.66	1.50	19.91	159.42
25.68	1.51	20.14	160.00
25.70	1.51	21.02	161.17
25.72	1.50	21.47	161.75
25.74	1.48	23.25	162.33
25.76	1.47	24.58	163.50
25.78	1.45	25.69	164.08
25.80	1.43	27.25	164.66
25.82	1.41	27.69	165.24
25.84	1.43	28.14	165.82
25.86	1.45	28.36	166.99
25.88	1.47	28.80	167.57
25.90	1.51	29.69	168.73
25.92	1.53	29.92	169.31
25.94	1.53	30.81	169.89
25.96	1.52	32.14	170.47
25.98	1.51	33.25	171.05
26.00	1.39	27.27	198.96
26.02	1.54	30.38	201.29
26.04	1.53	32.15	202.45
26.06	1.52	32.60	203.03
26.08	1.48	33.71	203.61
26.10	1.45	33.27	204.20
26.12	1.41	33.49	204.78
26.14	1.40	32.60	205.36
26.16	1.40	32.15	205.94
26.18	1.42	31.04	207.69
26.20	1.49	29.04	208.85
26.22	1.49	28.60	210.01
26.24	1.48	27.04	211.17
26.26	1.44	24.15	211.75
26.28	1.33	20.38	211.75
26.30	1.28	16.38	212.92
26.32	1.27	13.04	214.08
26.34	1.33	11.93	215.82
26.36	1.46	11.27	219.31
26.38	1.71	11.93	222.80
26.40	1.78	14.38	223.38
26.42	1.71	18.60	221.64
26.44	1.67	22.60	222.22
26.46	1.70	25.04	223.38
26.48	2.06	30.82	228.61
26.50	3.25	34.82	235.59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	4.43	38.38	236.76
26.54	5.11	43.04	220.48
26.56	5.24	46.60	197.80
26.58	5.25	35.71	181.52
26.60	5.12	30.83	169.89
26.62	4.79	25.05	161.75
26.64	4.51	25.27	151.29
26.66	4.07	31.93	139.08
26.68	3.53	44.38	128.61
26.70	3.35	58.38	127.45
26.72	3.51	51.04	125.70
26.74	3.53	53.04	123.96
26.76	3.01	63.27	121.05
26.78	2.54	76.16	117.56
26.80	2.15	81.04	117.56
26.82	2.15	64.60	118.14
26.84	2.12	64.15	118.14
26.86	2.02	69.04	118.14
26.88	1.88	75.04	118.14
26.90	1.74	76.37	117.56
26.92	1.71	73.04	118.14
26.94	1.69	68.37	118.72
26.96	1.70	65.03	119.30
26.98	1.71	60.14	119.89
27.00	1.72	54.14	120.47
27.02	1.72	48.14	128.61
27.04	1.66	46.81	129.19
27.06	1.64	45.92	129.19
27.08	1.60	47.47	129.77
27.10	1.60	47.92	130.35
27.12	1.58	47.25	130.93
27.14	1.58	44.59	132.10
27.16	1.53	42.59	132.10
27.18	1.48	39.92	132.68
27.20	1.47	35.70	133.26
27.22	1.45	33.47	133.84
27.24	1.36	31.92	134.42
27.26	1.39	27.70	135.00
27.28	1.46	27.25	136.17
27.30	1.50	25.03	137.33
27.32	1.57	21.25	138.50
27.34	1.60	21.47	139.08
27.36	1.65	21.25	140.24
27.38	1.72	22.36	141.40
27.40	1.74	25.25	141.98
27.42	1.72	27.48	142.56
27.44	1.70	32.14	143.15
27.46	1.64	39.48	143.15
27.48	1.62	44.36	143.73
27.50	1.63	46.14	144.31

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.66	47.92	144.89
27.54	1.67	48.14	144.89
27.56	1.70	48.37	145.47
27.58	1.71	48.14	145.47
27.60	1.70	49.70	146.05
27.62	1.70	53.92	146.63
27.64	1.76	54.14	146.63
27.66	1.79	54.59	147.21
27.68	1.83	56.81	147.80
27.70	1.84	57.70	148.38
27.72	1.88	57.03	148.38
27.74	1.89	56.81	148.38
27.76	1.83	62.14	147.80
27.78	1.78	69.03	147.80
27.80	1.70	75.26	147.80
27.82	1.66	79.48	147.80
27.84	1.59	83.70	147.80
27.86	1.57	84.36	147.80
27.88	1.55	81.70	148.38
27.90	1.58	74.36	148.38
27.92	1.62	66.81	148.96
27.94	1.69	59.03	149.54
27.96	1.78	50.81	150.70
27.98	1.87	45.69	151.29
28.00	1.90	46.80	150.70
28.02	1.88	49.26	153.03
28.04	1.88	55.92	152.45
28.06	1.83	64.15	152.45
28.08	1.78	71.92	151.29
28.10	1.78	78.81	150.12
28.12	1.72	82.37	149.54
28.14	1.58	85.92	149.54
28.16	1.57	78.81	150.12
28.18	1.54	69.26	150.12
28.20	1.60	60.81	151.29
28.22	1.69	50.59	152.45
28.24	1.78	44.37	153.03
28.26	1.74	41.70	153.61
28.28	1.72	38.36	154.19
28.30	1.69	39.70	154.78
28.32	1.65	41.70	155.36
28.34	1.71	40.81	155.94
28.36	1.76	42.14	157.10
28.38	1.79	40.14	157.68
28.40	1.81	39.48	158.84
28.42	1.79	39.70	159.42
28.44	1.72	41.03	159.42
28.46	1.70	42.14	160.00
28.48	1.71	45.70	160.59
28.50	1.70	49.70	161.17

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	1.69	53.92	161.17
28.54	1.65	54.14	161.75
28.56	1.66	53.26	162.33
28.58	1.64	52.37	162.91
28.60	1.62	52.37	163.50
28.62	1.60	51.70	164.08
28.64	1.62	47.92	164.08
28.66	1.60	46.59	164.66
28.68	1.58	46.59	165.24
28.70	1.57	45.70	165.82
28.72	1.55	44.59	165.82
28.74	1.54	44.36	166.40
28.76	1.54	44.14	166.99
28.78	1.57	45.03	167.57
28.80	1.58	45.03	168.15
28.82	1.63	43.70	168.73
28.84	1.64	44.81	169.31
28.86	1.65	45.48	169.89
28.88	1.65	45.48	170.47
28.90	1.64	44.81	171.05
28.92	1.62	44.14	171.63
28.94	1.59	41.92	171.63
28.96	1.57	40.59	172.22
28.98	1.52	37.25	172.80
29.00	1.50	33.70	173.38
29.02	1.55	28.60	194.31
29.04	1.49	28.15	194.89
29.06	1.45	26.37	195.48
29.08	1.42	25.04	196.64
29.10	1.44	23.71	197.22
29.12	1.45	23.71	197.80
29.14	1.47	24.15	198.96
29.16	1.52	24.82	200.12
29.18	1.58	23.71	201.29
29.20	1.67	23.93	202.45
29.22	1.78	25.04	204.20
29.24	1.89	26.15	205.36
29.26	1.96	28.38	206.52
29.28	2.06	31.27	207.10
29.30	2.12	36.38	207.69
29.32	2.14	44.15	207.10
29.34	2.15	51.93	207.10
29.36	2.15	59.04	206.52
29.38	2.13	66.60	205.94
29.40	2.11	74.38	205.36
29.42	2.07	80.15	204.78
29.44	2.07	83.04	204.20
29.46	2.11	85.27	204.20
29.48	2.13	89.04	204.20
29.50	2.22	91.49	205.36

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	2.31	87.93	205.36
29.54	2.38	84.82	205.36
29.56	2.41	84.15	203.61
29.58	2.38	82.82	202.45
29.60	2.42	79.48	201.87
29.62	2.44	78.59	200.70
29.64	2.44	79.92	199.54
29.66	2.43	81.70	198.96
29.68	2.44	81.70	198.96
29.70	2.47	80.37	198.96
29.72	2.49	79.48	199.54
29.74	2.55	79.25	200.12
29.76	2.59	78.14	200.12
29.78	2.56	77.25	199.54
29.80	2.56	77.25	200.12
29.82	2.61	74.36	198.96
29.84	2.59	76.80	198.96
29.86	2.65	76.58	199.54
29.88	2.72	76.14	199.54
29.90	2.74	76.58	199.54
29.92	2.72	77.25	198.96
29.94	2.66	80.58	198.96
29.96	2.65	82.36	198.38
29.98	2.61	84.36	198.96
30.00	2.61	84.36	200.12
30.02	2.76	81.02	200.70
30.04	2.85	72.36	218.73
30.06	3.01	76.14	218.15
30.08	3.01	77.70	216.99
30.10	2.86	81.70	215.24
30.12	2.72	83.70	213.50
30.14	2.50	88.59	210.59
30.16	2.30	94.81	208.85
30.18	2.12	94.81	207.69
30.20	2.05	89.92	207.69
30.22	1.98	83.70	208.27
30.24	1.88	69.03	208.27
30.26	1.90	64.58	208.85
30.28	1.80	54.36	208.27
30.30	1.66	48.58	208.27
30.32	1.56	44.14	208.27
30.34	1.51	39.69	208.27
30.36	1.54	33.91	209.43
30.38	1.66	29.69	211.17
30.40	1.80	26.58	212.92
30.42	1.88	27.47	213.50
30.44	1.88	23.91	214.66
30.46	1.88	21.47	215.24
30.48	1.86	26.13	215.82
30.50	1.86	31.25	216.99

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	1.84	33.47	217.57
30.54	1.81	33.91	218.15
30.56	1.76	35.91	218.73
30.58	1.71	41.02	219.31
30.60	1.83	38.14	221.06
30.62	1.98	33.47	222.22
30.64	2.10	32.58	223.96
30.66	2.11	36.14	224.55
30.68	2.10	36.14	225.13
30.70	1.99	37.47	223.96
30.72	1.86	41.25	224.55
30.74	1.82	40.14	225.13
30.76	1.71	39.25	225.13
30.78	1.76	33.92	226.29
30.80	1.94	30.14	228.03
30.82	2.30	28.36	231.52
30.84	2.72	29.48	234.43
30.86	3.20	28.81	237.34
30.88	3.64	31.25	236.18
30.90	3.95	36.14	230.36
30.92	3.70	44.36	214.66
30.94	3.12	51.03	202.45
30.96	2.68	55.26	193.73
30.98	2.38	61.48	190.82
31.00	3.43	84.82	213.50
31.02	3.82	74.15	201.29
31.04	3.69	78.82	186.17
31.06	3.22	73.04	171.63
31.08	2.83	71.71	161.17
31.10	2.43	67.04	150.70
31.12	2.06	60.37	145.47
31.14	1.72	51.04	144.31
31.16	1.53	45.04	143.73
31.18	1.45	41.93	143.73
31.20	1.52	37.70	145.47
31.22	1.53	32.37	146.63
31.24	1.58	31.48	147.80
31.26	1.82	26.15	150.70
31.28	2.15	21.26	153.61
31.30	2.36	22.59	155.36
31.32	2.47	27.03	156.52
31.34	2.44	37.26	157.10
31.36	2.49	45.70	157.68
31.38	2.54	54.59	158.26
31.40	2.56	63.48	158.26
31.42	2.58	73.04	158.84
31.44	2.59	79.93	159.42
31.46	2.63	86.82	160.00
31.48	2.65	89.26	160.59
31.50	2.67	89.04	161.17

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	2.63	84.15	161.75
31.54	2.53	83.03	161.17
31.56	2.44	83.48	161.17
31.58	2.38	84.37	161.17
31.60	2.35	85.26	161.75
31.62	2.32	85.03	161.75
31.64	2.25	91.25	161.75
31.66	2.30	94.14	161.75
31.68	2.31	90.81	162.33
31.70	2.32	88.59	162.33
31.72	2.36	86.14	162.33
31.74	2.37	85.47	162.33
31.76	2.34	86.58	162.91
31.78	2.28	86.80	162.91
31.80	2.29	85.91	163.50
31.82	2.29	83.69	163.50
31.84	2.22	83.47	162.91
31.86	2.11	85.02	162.91
31.88	2.06	82.36	162.33
31.90	1.98	80.58	162.33
31.92	1.92	79.46	162.33
31.94	1.88	79.91	162.33
31.96	1.89	79.02	162.33
31.98	1.89	75.68	162.91
32.00	1.93	69.46	163.50
32.02	1.79	50.82	194.31
32.04	2.03	55.27	196.64
32.06	2.05	54.15	197.80
32.08	2.03	51.49	198.38
32.10	2.03	51.49	198.96
32.12	2.02	51.71	199.54
32.14	2.01	53.27	199.54
32.16	2.00	56.15	200.12
32.18	1.95	59.71	200.12
32.20	1.93	63.04	200.12
32.22	1.93	65.93	200.70
32.24	1.94	68.15	201.29
32.26	1.99	69.49	201.87
32.28	2.05	69.49	202.45
32.30	2.11	68.37	203.03
32.32	2.14	67.04	204.20
32.34	2.18	65.48	204.20
32.36	2.18	63.48	204.78
32.38	2.19	64.37	204.78
32.40	2.17	66.37	204.78
32.42	2.13	68.82	204.78
32.44	2.10	68.15	204.78
32.46	2.01	69.03	204.78
32.48	1.98	67.70	204.20
32.50	1.94	67.92	204.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	1.89	65.92	204.20
32.54	1.88	63.03	204.20
32.56	1.84	61.92	204.20
32.58	1.74	61.92	203.03
32.60	1.62	60.37	202.45
32.62	1.59	56.14	201.87
32.64	1.51	58.36	201.29
32.66	1.44	62.81	201.87
32.68	1.45	58.14	203.03
32.70	1.51	49.25	204.20
32.72	1.55	44.81	205.36
32.74	1.58	41.70	206.52
32.76	1.62	36.14	208.27
32.78	1.66	32.14	209.43
32.80	1.72	30.14	211.17
32.82	1.83	28.14	213.50
32.84	1.90	27.70	215.24
32.86	1.94	28.59	216.40
32.88	1.96	30.36	217.57
32.90	1.95	33.70	218.73
32.92	1.93	35.92	219.90
32.94	1.93	37.03	220.48
32.96	1.95	40.59	222.22
32.98	2.05	39.48	224.55
33.00	2.05	41.03	225.13
33.02	1.99	41.03	225.71
33.04	1.90	43.48	225.71
33.06	1.82	40.59	226.87
33.08	2.04	20.36	325.71
33.10	2.11	27.02	329.20
33.12	2.11	30.14	331.53
33.14	2.06	32.80	333.27
33.16	2.01	36.80	334.43
33.18	2.02	40.14	337.34
33.20	2.07	41.03	339.67
33.22	2.11	39.92	342.58
33.24	2.13	38.36	344.32
33.26	2.12	41.25	346.06
33.28	2.08	42.58	347.23
33.30	2.10	43.03	348.97
33.32	2.10	45.69	351.30
33.34	2.14	46.80	353.62
33.36	2.20	47.92	355.95
33.38	2.13	49.03	357.11
33.40	2.10	47.25	358.86
33.42	2.07	47.25	361.18
33.44	2.10	46.81	363.50
33.46	2.13	44.59	365.83
33.48	2.18	42.36	369.32
33.50	2.28	39.47	373.97

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	2.44	37.47	379.20
33.54	2.66	36.14	385.02
33.56	2.89	37.25	391.41
33.58	3.03	42.59	394.90
33.60	3.01	48.59	397.23
33.62	2.96	57.25	396.65
33.64	2.86	66.81	396.07
33.66	2.81	75.03	393.16
33.68	2.71	86.59	390.25
33.70	2.67	96.36	388.51
33.72	2.56	108.14	388.51
33.74	2.50	113.48	389.67
33.76	2.54	112.59	390.83
33.78	2.54	108.36	392.58
33.80	2.52	102.36	393.74
33.82	2.53	93.69	394.90
33.84	2.59	87.69	397.23
33.86	2.61	81.25	398.39
33.88	2.64	77.91	400.72
33.90	2.73	73.02	402.46
33.92	2.77	73.02	404.20
33.94	2.86	72.58	406.53
33.96	2.92	73.91	407.70
33.98	2.96	80.58	408.28
34.00	3.01	83.69	408.86
34.02	3.00	89.02	406.53
34.04	2.94	97.02	406.53
34.06	2.66	86.81	423.98
34.08	2.88	107.03	424.56
34.10	2.76	105.26	417.58
34.12	2.66	107.48	411.77
34.14	2.53	108.14	407.11
34.16	2.42	106.81	405.37
34.18	2.37	103.25	405.37
34.20	2.41	99.70	407.11
34.22	2.52	92.14	408.86
34.24	2.62	87.25	408.86
34.26	2.66	83.69	405.95
34.28	2.64	85.02	403.62
34.30	2.64	86.36	401.30
34.32	2.64	85.91	397.23
34.34	2.62	91.02	394.90
34.36	2.67	96.58	394.90
34.38	2.73	103.25	397.23
34.40	2.78	102.58	398.98
34.42	2.95	92.80	397.23
34.44	3.02	94.80	392.00
34.46	3.06	101.02	390.83
34.48	3.20	103.69	387.93
34.50	3.31	106.13	383.86

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	3.33	115.02	376.88
34.54	3.37	125.24	369.90
34.56	3.40	134.57	361.18
34.58	3.39	144.79	354.20
34.60	3.39	155.90	350.71
34.62	3.44	160.35	343.74
34.64	3.43	164.12	337.92
34.66	3.43	163.90	329.20
34.68	3.37	165.01	321.64
34.70	3.36	165.23	315.25
34.72	3.31	160.34	307.69
34.74	3.23	155.89	300.71
34.76	3.07	156.11	293.15
34.78	2.93	153.44	286.18
34.80	2.77	148.11	280.36
34.82	2.58	140.10	276.88
34.84	2.46	132.54	272.80
34.86	2.34	128.32	271.06
34.88	2.23	124.10	270.48
34.90	2.20	116.76	270.48
34.92	2.18	110.10	270.48
34.94	2.20	102.54	271.06
34.96	2.26	92.76	272.22
34.98	2.34	87.20	273.39
35.00	2.39	82.31	273.97
35.02	2.44	81.65	272.80
35.04	2.41	84.31	271.64
35.06	2.39	88.32	271.06
35.08	2.08	93.18	210.59
35.10	2.20	93.40	211.75
35.12	2.27	87.84	211.75
35.14	2.39	92.51	212.33
35.16	2.46	94.51	213.50
35.18	2.52	94.51	214.66
35.20	2.62	95.62	214.66
35.22	2.69	95.62	213.50
35.24	2.66	98.74	212.33
35.26	2.69	100.74	211.17
35.28	2.70	100.96	209.43
35.30	2.64	102.96	208.27
35.32	2.56	101.85	207.10
35.34	2.49	98.52	207.10
35.36	2.63	97.41	207.69
35.38	2.64	98.52	207.69
35.40	2.75	98.97	208.27
35.42	2.82	98.52	209.43
35.44	2.93	97.41	210.01
35.46	2.99	98.30	210.01
35.48	3.02	102.08	210.01
35.50	2.99	111.64	210.01

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	3.04	119.42	210.59
35.54	3.19	124.75	211.17
35.56	3.36	126.31	210.59
35.58	3.42	126.31	209.43
35.60	3.33	126.75	206.52
35.62	3.17	127.64	203.61
35.64	3.10	126.98	201.29
35.66	2.99	129.20	198.96
35.68	2.90	132.75	198.38
35.70	2.82	132.98	197.80
35.72	2.80	131.86	197.22
35.74	2.83	128.98	197.22
35.76	3.01	126.31	197.22
35.78	3.18	124.31	197.80
35.80	3.26	122.97	198.38
35.82	3.29	117.42	198.38
35.84	3.33	113.42	197.22
35.86	3.26	111.86	196.64
35.88	3.22	110.97	196.64
35.90	3.24	111.64	196.06
35.92	3.17	110.08	194.89
35.94	3.13	112.09	194.31
35.96	3.14	115.42	193.73
35.98	3.16	117.42	193.73
36.00	3.20	116.76	193.73
36.02	3.13	113.43	192.57
36.04	3.10	109.87	191.40
36.06	3.02	108.76	190.24
36.08	2.47	90.12	196.06
36.10	3.06	120.79	196.64
36.12	3.11	123.90	196.06
36.14	3.19	125.46	196.06
36.16	3.28	130.79	196.06
36.18	3.40	132.79	197.22
36.20	3.45	123.01	197.80
36.22	3.43	118.34	196.64
36.24	3.36	123.45	194.89
36.26	3.23	124.34	193.15
36.28	3.07	124.12	191.40
36.30	2.89	123.89	190.24
36.32	2.76	123.23	189.66
36.34	2.61	122.78	188.50
36.36	2.53	124.78	187.91
36.38	2.46	123.45	187.33
36.40	2.35	119.89	186.75
36.42	2.28	113.22	186.75
36.44	2.23	105.89	187.33
36.46	2.20	99.00	187.91
36.48	2.17	90.33	187.91
36.50	2.17	79.44	188.50

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	2.17	71.44	189.08
36.54	2.21	65.22	190.24
36.56	2.20	61.66	190.82
36.58	2.22	59.00	191.40
36.60	2.20	57.89	191.99
36.62	2.11	61.00	192.57
36.64	2.11	60.78	193.15
36.66	2.15	56.56	194.31
36.68	2.12	55.45	194.89
36.70	2.13	53.89	195.48
36.72	2.13	51.45	196.06
36.74	2.09	53.01	196.64
36.76	2.11	50.57	197.80
36.78	2.12	51.01	198.38
36.80	2.12	53.01	198.96
36.82	2.11	54.35	199.54
36.84	2.11	57.02	200.12
36.86	2.10	57.91	200.70
36.88	2.16	57.02	201.87
36.90	2.16	60.13	202.45
36.92	2.19	59.69	203.03
36.94	2.18	60.80	203.61
36.96	2.14	62.58	204.20
36.98	2.13	61.69	204.78
37.00	2.12	62.80	205.36
37.02	2.12	61.69	206.52
37.04	2.07	61.69	207.10
37.06	2.07	59.25	208.27
37.08	2.06	57.69	209.43
37.10	2.07	53.91	210.01
37.12	1.86	41.67	241.40
37.14	1.98	42.56	243.73
37.16	2.05	44.12	244.90
37.18	2.07	44.34	246.06
37.20	2.10	44.56	247.80
37.22	2.12	45.90	248.97
37.24	2.07	46.79	249.55
37.26	2.04	44.56	250.71
37.28	2.00	41.68	251.29
37.30	1.95	41.90	252.45
37.32	1.92	40.12	253.03
37.34	1.90	38.12	254.78
37.36	1.92	34.57	256.52
37.38	2.00	31.46	258.85
37.40	2.05	29.68	261.18
37.42	2.13	26.13	263.50
37.44	2.17	27.46	265.25
37.46	2.19	27.68	267.57
37.48	2.22	29.68	269.31
37.50	2.21	34.58	270.48

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	2.13	37.46	272.22
37.54	2.14	37.47	273.39
37.56	2.17	38.36	275.13
37.58	2.19	38.58	277.46
37.60	2.18	38.80	278.62
37.62	2.17	38.14	280.36
37.64	2.20	38.14	282.10
37.66	2.26	38.14	284.43
37.68	2.38	36.80	287.34
37.70	2.46	37.03	289.67
37.72	2.35	35.92	290.83
37.74	2.22	32.81	292.57
37.76	2.11	25.25	294.32
37.78	2.11	23.92	297.22
37.80	2.12	22.59	300.13
37.82	2.22	25.70	303.04
37.84	2.26	30.36	305.95
37.86	2.36	32.36	309.43
37.88	2.40	34.59	311.76
37.90	2.38	35.70	314.09
37.92	2.41	38.59	316.41
37.94	2.42	44.14	318.16
37.96	2.44	45.70	320.48
37.98	2.41	48.59	322.22
38.00	2.30	53.92	323.39
38.02	2.20	60.59	324.55
38.04	2.19	62.59	326.30
38.06	2.24	56.59	329.20
38.08	2.24	52.15	331.53
38.10	2.22	49.70	333.85
38.12	2.29	42.38	398.39
38.14	2.39	43.04	402.46
38.16	2.38	45.93	404.79
38.18	2.41	47.49	408.86
38.20	2.43	47.04	411.77
38.22	2.51	47.27	414.09
38.24	2.47	53.04	415.83
38.26	2.47	58.60	418.74
38.28	2.53	59.49	421.65
38.30	2.58	61.71	423.40
38.32	2.61	63.04	421.07
38.34	2.59	68.15	418.74
38.36	2.55	72.37	417.58
38.38	2.56	73.04	417.58
38.40	2.55	75.49	415.83
38.42	2.53	79.48	415.83
38.44	2.53	79.93	414.67
38.46	2.51	85.26	413.51
38.48	2.44	86.15	412.93
38.50	2.38	85.26	412.35

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	2.41	85.03	411.19
38.54	2.41	85.03	411.19
38.56	2.43	86.37	411.19
38.58	2.44	86.14	410.60
38.60	2.47	85.03	410.60
38.62	2.46	85.25	410.60
38.64	2.49	85.25	410.60
38.66	2.50	86.14	410.02
38.68	2.50	86.36	410.02
38.70	2.53	85.92	408.86
38.72	2.53	83.03	407.70
38.74	2.55	84.14	405.95
38.76	2.55	86.80	405.95
38.78	2.54	87.69	404.79
38.80	2.49	87.47	401.88
38.82	2.41	89.25	397.81
38.84	2.38	91.02	393.16
38.86	2.34	93.25	390.83
38.88	2.29	93.91	391.41
38.90	2.35	94.13	394.32
38.92	2.41	92.13	396.07
38.94	2.47	88.36	397.81
38.96	2.54	81.91	398.39
38.98	2.58	78.80	398.98
39.00	2.64	74.36	400.14
39.02	2.69	73.02	401.88
39.04	2.72	74.36	403.62
39.06	2.78	76.58	401.88
39.08	2.73	79.02	398.98
39.10	2.61	83.69	397.23
39.12	2.23	57.90	440.26
39.14	2.36	67.67	444.90
39.16	2.40	71.45	451.89
39.18	2.43	73.68	453.63
39.20	2.42	75.23	453.63
39.22	2.36	75.23	454.21
39.24	2.36	73.90	455.95
39.26	2.46	73.01	460.02
39.28	2.57	70.79	462.93
39.30	2.63	70.12	462.35
39.32	2.65	75.23	461.19
39.34	2.63	78.57	460.02
39.36	2.54	80.12	456.53
39.38	2.40	83.90	452.47
39.40	2.23	91.01	448.40
39.42	2.05	98.79	444.90
39.44	1.89	103.68	443.74
39.46	1.82	98.35	445.49
39.48	1.83	89.24	448.98
39.50	1.83	79.46	451.89

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CARPI

Cantiere SOVRAPASSO N°134

Data 13\03\12

Preforo 0.50 m. p.c. Falda 1.00 ml

Prova **2**

Cert. N. 96/2012

Emesso il 14/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
39.52	1.90	69.90	454.21
39.54	1.94	58.12	455.95
39.56	1.98	49.46	457.12
39.58	2.00	45.01	458.28
39.60	2.02	47.90	459.44
39.62	2.02	53.90	460.60
39.64	2.04	55.46	462.35
39.66	2.09	57.02	464.10
39.68	2.11	60.58	465.26
39.70	2.05	62.80	466.42
39.72	2.05	62.58	467.58
39.74	2.01	62.80	468.16
39.76	1.96	63.47	469.33
39.78	1.94	65.02	472.23
39.80	1.96	62.58	475.72
39.82	1.96	59.02	480.38
39.84	2.01	53.47	486.19
39.86	2.06	49.25	492.59
39.88	2.13	42.14	499.56
39.90	2.12	35.69	505.96
39.92	2.08	35.92	511.19
39.94	2.10	38.14	518.17
39.96	2.18	39.70	527.47
39.98	2.25	40.81	536.19
40.00	2.31	43.03	543.17
40.02	2.35	45.48	547.82
40.04	2.34	49.26	552.47
40.06	2.34	51.48	556.54
40.08	2.34	54.59	560.61
40.10	2.29	56.59	563.52
40.12	2.17	58.59	565.26
40.14	2.19	38.59	615.27
40.16	2.22	43.47	626.31
40.18	2.23	44.36	632.13
40.20	2.25	46.59	638.52
40.22	2.28	48.14	646.66
40.24	2.35	45.03	655.39
40.26	2.36	45.70	660.03
40.28	2.32	47.25	664.10
40.30	2.30	49.25	668.76
40.32	2.23	54.14	672.83
40.34	2.24	53.48	680.39
40.36	2.26	51.70	688.52
40.38	2.29	49.25	696.09
40.40	2.30	47.03	704.22
40.42	2.30	46.59	711.20
40.44	2.31	45.03	719.34
40.46	2.37	43.03	731.55
40.48	2.46	42.14	744.34
40.50	2.49	40.59	755.39

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
40.52	2.50	41.26	760.62
40.54	2.48	43.70	765.28
40.56	2.48	44.81	769.34
40.58	2.41	49.92	773.41
40.60	2.35	53.48	779.81
40.62	2.34	54.15	785.04
40.64	2.36	53.48	790.86
40.66	2.27	52.37	792.60
40.68	2.18	51.04	797.25
40.70	2.13	47.93	800.74
40.72	2.07	44.59	804.23
40.74	2.06	40.82	812.37
40.76	2.06	36.37	823.42
40.78	2.01	32.82	825.16
40.80	1.99	30.82	830.98
40.82	2.05	28.37	844.35
40.84	2.14	28.15	856.56
40.86	2.18	29.48	868.19
40.88	2.19	31.48	877.49
40.90	2.18	34.60	887.38
40.92	2.18	36.37	897.84
40.94	2.18	36.82	905.98
40.96	2.15	36.37	915.28
40.98	2.14	36.15	923.42
41.00	2.07	37.71	925.75
41.02	2.05	38.15	929.24
41.04	2.11	37.71	942.03
41.06	2.14	38.82	961.21
41.08	2.20	39.27	972.26
41.10	2.24	39.49	972.84
41.12	2.23	42.60	971.10
41.14	2.20	50.83	1129.25
41.16	2.29	51.50	1139.71
41.18	2.38	51.94	1126.34
41.20	2.39	51.05	1085.06
41.22	2.38	51.49	1056.57
41.24	2.37	51.49	1025.17
41.26	2.30	53.27	1003.66
41.28	2.26	54.16	991.45
41.30	2.23	55.49	978.08
41.32	2.18	57.27	970.52
41.34	2.12	58.16	966.45
41.36	2.09	56.60	969.94
41.38	2.08	53.05	976.91
41.40	2.07	49.49	982.73
41.42	2.06	46.82	982.73
41.44	2.05	44.60	985.05
41.46	2.03	42.60	989.70
41.48	2.02	42.16	998.43
41.50	2.07	41.04	1008.31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
41.52	2.11	41.71	1013.54
41.54	2.12	40.60	1022.27
41.56	2.14	39.71	1031.57
41.58	2.18	39.93	1032.15
41.60	2.30	39.93	1037.38
41.62	2.53	36.38	1057.15
41.64	2.66	34.82	996.68
41.66	2.43	33.27	943.77
41.68	2.27	27.27	934.47
41.70	2.19	27.04	941.45
41.72	2.35	26.16	969.94
41.74	2.71	27.27	1000.75
41.76	2.98	31.27	970.52
41.78	2.81	34.60	891.44
41.80	2.56	33.27	847.84
41.82	2.36	32.60	842.02
41.84	2.18	33.71	842.02
41.86	2.14	36.16	848.42
41.88	2.11	41.27	855.40
41.90	2.12	45.94	865.28
41.92	2.37	49.27	904.82
41.94	3.13	49.27	964.70
41.96	3.95	44.83	946.10
41.98	4.46	40.16	795.51
42.00	4.61	49.27	653.06
42.02	3.71	59.27	519.33
42.04	3.21	60.16	440.26
42.06	2.86	70.38	423.98
42.08	2.53	81.71	425.14
42.10	2.45	82.83	433.86
42.12	2.87	83.94	683.29
42.14	3.07	81.93	700.15
42.16	3.15	68.82	697.25
42.18	3.05	65.71	673.41
42.20	2.91	69.04	642.59
42.22	2.68	67.93	621.08
42.24	2.53	69.04	614.69
42.26	2.35	68.82	621.66
42.28	2.19	60.60	631.55
42.30	2.11	53.27	643.18
42.32	2.13	51.93	661.78
42.34	2.20	51.04	679.80
42.36	2.37	46.15	705.39
42.38	2.55	41.93	719.34
42.40	2.83	41.26	733.30
42.42	3.29	40.82	731.55
42.44	3.61	41.93	653.06
42.46	3.29	50.37	562.36
42.48	3.02	62.82	527.47
42.50	2.79	69.49	515.84

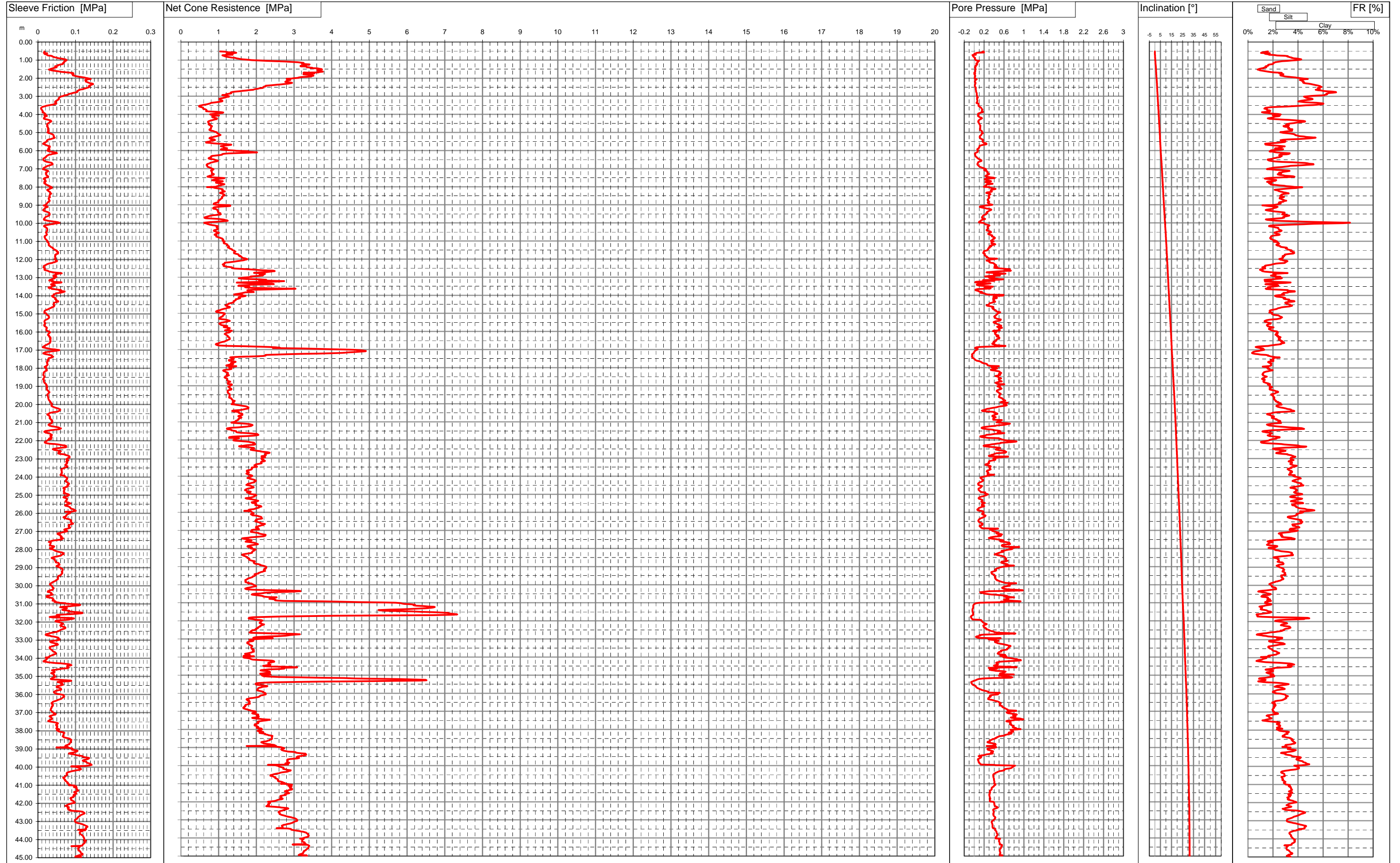




Committente AUTOSTRADA DEL BRENNERO SPA  
 Località GARGALLO  
 Cantiere SOVRAPASSO N° 138  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 93/2012  
 Data 12/03/12 Emesso il 13/03/12  
 Falda 2.30 ml  
 Preforo 0.50 m. p.c.

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova 2

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	1.04	17.03	176.29
0.54	1.18	17.03	196.06
0.56	1.21	16.14	159.42
0.58	1.45	16.15	197.80
0.60	1.47	15.48	53.60
0.62	1.39	24.81	40.23
0.64	1.32	17.92	16.40
0.66	1.21	17.70	0.70
0.68	1.21	19.93	2.44
0.70	1.37	23.48	35.00
0.72	1.17	24.82	-34.19
0.74	1.10	26.15	-31.28
0.76	1.13	34.15	-26.63
0.78	1.16	37.93	-23.14
0.80	1.19	38.60	-17.91
0.82	1.22	41.04	-10.35
0.84	1.27	44.37	0.11
0.86	1.35	48.82	6.51
0.88	1.44	51.93	19.30
0.90	1.47	56.38	12.32
0.92	1.52	62.38	14.07
0.94	1.58	68.60	19.30
0.96	1.65	73.26	19.30
0.98	1.75	75.49	27.44
1.00	1.87	76.37	30.93
1.02	2.04	75.26	36.74
1.04	2.29	73.93	100.12
1.06	2.52	70.16	84.42
1.08	2.76	70.60	84.42
1.10	2.95	70.38	78.02
1.12	3.09	68.60	68.72
1.14	3.20	69.26	71.63
1.16	3.25	67.04	61.75
1.18	3.21	65.93	43.72
1.20	3.23	66.82	44.89
1.22	3.27	65.26	51.28
1.24	3.42	60.37	61.16
1.26	3.37	55.93	55.93
1.28	3.26	52.59	38.49
1.30	3.23	53.26	33.26
1.32	3.17	50.14	25.70
1.34	3.17	45.26	35.58
1.36	3.31	46.81	33.26
1.38	3.36	47.25	19.88
1.40	3.34	49.92	14.65
1.42	3.48	44.35	23.37
1.44	3.44	42.58	22.21
1.46	3.62	37.69	22.21
1.48	3.68	34.58	24.53
1.50	3.73	32.35	30.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	3.74	29.02	29.19
1.54	3.61	32.35	21.05
1.56	3.70	35.46	24.53
1.58	3.62	40.13	21.05
1.60	3.67	48.57	23.95
1.62	3.71	55.02	23.37
1.64	3.76	61.01	22.21
1.66	3.65	69.24	15.81
1.68	3.65	77.46	15.23
1.70	3.25	90.12	1.28
1.72	3.42	93.90	11.74
1.74	3.54	91.01	21.63
1.76	3.36	90.57	1.86
1.78	3.25	94.79	3.60
1.80	3.29	94.34	8.83
1.82	3.41	93.01	14.07
1.84	3.50	92.78	21.05
1.86	3.52	96.78	22.79
1.88	3.46	100.33	20.46
1.90	3.46	105.00	22.21
1.92	3.34	110.11	15.81
1.94	3.21	117.66	11.16
1.96	3.12	123.66	9.42
1.98	3.12	127.43	15.23
2.00	2.99	132.77	14.07
2.02	2.93	137.21	12.90
2.04	2.80	140.76	12.90
2.06	2.82	133.41	53.60
2.08	2.84	128.52	39.07
2.10	2.90	125.41	32.68
2.12	2.86	126.96	24.53
2.14	2.80	128.74	19.88
2.16	2.81	127.41	18.14
2.18	2.79	126.96	14.65
2.20	2.77	129.40	14.07
2.22	2.81	132.07	16.40
2.24	2.92	134.73	24.53
2.26	2.95	136.51	28.60
2.28	2.92	140.51	29.77
2.30	2.85	144.95	25.70
2.32	2.77	146.95	20.46
2.34	2.67	144.50	21.05
2.36	2.56	142.06	15.23
2.38	2.45	140.06	13.49
2.40	2.35	138.05	12.90
2.42	2.25	135.38	14.65
2.44	2.25	137.83	17.56
2.46	2.25	136.49	17.56
2.48	2.19	136.93	21.05
2.50	2.18	134.49	26.28

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	2.18	131.82	33.26
2.54	2.17	128.04	33.84
2.56	2.08	125.37	30.93
2.58	2.05	122.26	28.60
2.60	1.98	120.48	30.35
2.62	1.93	113.81	31.51
2.64	1.92	110.03	33.84
2.66	1.82	108.25	35.58
2.68	1.74	108.25	36.74
2.70	1.64	104.91	36.16
2.72	1.55	104.02	36.16
2.74	1.45	104.69	38.49
2.76	1.39	104.69	41.40
2.78	1.33	100.91	43.14
2.80	1.32	95.13	47.79
2.82	1.34	92.24	53.02
2.84	1.33	89.35	53.60
2.86	1.26	84.23	52.44
2.88	1.21	81.79	51.86
2.90	1.19	79.57	53.02
2.92	1.19	77.57	53.02
2.94	1.10	70.67	49.53
2.96	1.21	70.45	57.68
2.98	1.25	66.68	61.16
3.00	1.27	63.12	60.58
3.02	1.27	59.56	58.26
3.04	1.21	58.68	55.35
3.06	1.19	57.36	76.28
3.08	1.15	56.02	69.89
3.10	1.09	54.91	63.49
3.12	1.04	55.36	58.26
3.14	1.02	55.36	56.51
3.16	1.02	55.58	58.84
3.18	1.03	54.25	59.42
3.20	1.04	52.47	61.16
3.22	1.07	50.91	63.49
3.24	1.09	49.13	65.23
3.26	1.10	48.02	65.81
3.28	1.09	45.80	64.07
3.30	1.04	45.80	62.33
3.32	0.97	46.02	56.51
3.34	0.89	45.58	51.28
3.36	0.81	47.13	47.79
3.38	0.79	49.13	50.70
3.40	0.77	49.13	82.10
3.42	0.73	46.91	91.98
3.44	0.69	42.69	92.56
3.46	0.65	37.80	89.07
3.48	0.59	32.69	87.33
3.50	0.55	26.46	86.17

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	0.50	21.79	86.75
3.54	0.48	18.68	92.56
3.56	0.48	15.35	103.61
3.58	0.50	12.46	114.08
3.60	0.54	10.24	124.54
3.62	0.57	9.13	132.10
3.64	0.59	8.24	139.08
3.66	0.59	8.02	144.89
3.68	0.59	7.79	148.38
3.70	0.59	9.13	151.87
3.72	0.65	10.02	160.59
3.74	0.67	10.02	165.82
3.76	0.68	10.68	159.42
3.78	0.68	12.02	158.26
3.80	0.69	12.46	157.68
3.82	0.67	12.02	150.70
3.84	0.74	13.13	152.45
3.86	0.95	13.80	177.45
3.88	1.07	12.02	173.96
3.90	1.12	14.46	138.50
3.92	1.09	17.35	116.40
3.94	1.00	18.46	97.21
3.96	0.92	18.90	83.26
3.98	0.83	20.46	75.70
4.00	0.78	20.90	76.86
4.02	0.81	18.02	82.68
4.04	0.83	16.68	89.07
4.06	1.01	21.57	79.77
4.08	0.92	23.79	74.54
4.10	0.85	21.12	80.93
4.12	0.84	18.68	90.82
4.14	0.84	17.57	101.28
4.16	0.84	17.34	117.56
4.18	0.88	16.90	135.59
4.20	0.91	16.01	150.70
4.22	0.96	15.34	157.10
4.24	0.96	16.90	146.63
4.26	0.95	20.90	129.77
4.28	0.90	25.12	116.40
4.30	0.86	28.90	103.03
4.32	0.84	32.45	96.63
4.34	0.79	33.56	89.65
4.36	0.76	35.34	84.42
4.38	0.74	35.34	81.51
4.40	0.72	34.01	79.77
4.42	0.73	32.23	83.26
4.44	0.73	30.23	85.59
4.46	0.73	29.11	87.91
4.48	0.74	27.78	95.47
4.50	0.74	25.78	99.54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.76	24.89	103.61
4.54	0.76	24.22	105.93
4.56	0.74	24.22	110.00
4.58	0.78	24.22	114.08
4.60	0.77	26.00	117.56
4.62	0.79	25.33	125.12
4.64	0.82	24.00	126.87
4.66	0.82	24.22	123.96
4.68	0.82	25.11	119.89
4.70	0.80	26.66	118.14
4.72	0.80	26.66	121.63
4.74	0.80	27.10	121.63
4.76	0.80	27.33	123.38
4.78	0.80	26.44	122.21
4.80	0.80	26.66	119.89
4.82	0.76	28.21	117.56
4.84	0.75	27.10	116.40
4.86	0.75	26.44	118.72
4.88	0.78	27.77	129.77
4.90	0.80	29.10	143.15
4.92	0.85	28.88	153.03
4.94	0.88	27.10	153.03
4.96	0.89	26.21	160.59
4.98	0.95	25.10	164.66
5.00	0.96	26.65	161.17
5.02	0.96	27.76	158.26
5.04	0.96	31.98	176.29
5.06	0.99	35.09	157.68
5.08	1.00	37.09	151.29
5.10	1.02	39.31	147.80
5.12	1.03	40.20	145.47
5.14	1.05	41.31	141.40
5.16	1.03	41.76	133.26
5.18	1.00	41.76	126.29
5.20	0.96	41.31	119.89
5.22	0.91	42.42	112.91
5.24	0.88	42.64	111.17
5.26	0.83	43.53	108.84
5.28	0.79	45.09	112.91
5.30	0.77	42.42	122.21
5.32	0.76	39.53	123.96
5.34	0.78	36.86	130.35
5.36	0.79	33.53	148.96
5.38	0.87	28.64	161.75
5.40	0.90	25.75	174.54
5.42	0.91	24.19	179.20
5.44	0.87	23.75	178.61
5.46	0.82	23.30	168.15
5.48	0.78	23.75	167.57
5.50	0.75	23.30	169.89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.70	21.08	172.80
5.54	0.67	18.63	180.36
5.56	0.67	16.41	187.33
5.58	0.77	15.97	211.17
5.60	0.87	14.85	241.99
5.62	0.99	13.74	236.18
5.64	1.12	16.63	252.45
5.66	1.26	17.97	235.01
5.68	1.34	21.30	190.82
5.70	1.26	23.52	155.36
5.72	1.16	25.96	129.19
5.74	1.11	29.52	107.68
5.76	1.06	31.96	110.00
5.78	1.11	29.74	105.35
5.80	1.12	31.52	105.35
5.82	1.13	29.08	100.12
5.84	1.16	30.19	94.89
5.86	1.20	29.07	96.63
5.88	1.23	27.07	91.98
5.90	1.16	29.52	78.60
5.92	1.08	31.07	65.23
5.94	1.05	29.74	61.75
5.96	1.12	26.40	63.49
5.98	1.29	24.85	72.21
6.00	1.42	25.96	76.86
6.02	1.47	27.52	75.70
6.04	1.78	31.29	72.21
6.06	1.74	37.51	66.40
6.08	1.92	41.29	66.40
6.10	2.02	48.62	55.35
6.12	1.83	49.96	41.40
6.14	1.47	50.62	26.28
6.16	1.26	43.29	17.56
6.18	1.13	37.73	14.07
6.20	1.10	34.85	16.98
6.22	1.10	29.07	19.88
6.24	1.06	27.07	22.21
6.26	1.01	25.73	22.21
6.28	0.90	23.73	22.21
6.30	0.82	22.84	24.53
6.32	0.80	21.51	29.19
6.34	0.80	21.28	35.00
6.36	0.81	21.06	46.05
6.38	0.80	18.84	54.77
6.40	0.76	17.28	62.33
6.42	0.73	15.06	68.72
6.44	0.73	14.84	76.86
6.46	0.78	14.84	91.98
6.48	0.85	13.95	107.68
6.50	0.89	13.95	121.63

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.92	15.28	132.68
6.54	0.95	15.95	143.15
6.56	0.98	17.51	148.38
6.58	0.97	19.73	144.31
6.60	0.95	21.50	123.38
6.62	0.89	25.28	98.38
6.64	0.85	30.84	83.84
6.66	0.81	34.84	77.44
6.68	0.78	37.28	77.44
6.70	0.77	38.17	77.44
6.72	0.74	38.39	71.05
6.74	0.71	39.28	65.81
6.76	0.69	38.17	65.81
6.78	0.69	34.84	68.72
6.80	0.68	31.95	74.54
6.82	0.70	28.17	82.68
6.84	0.70	24.61	89.07
6.86	0.70	23.28	94.30
6.88	0.70	21.72	104.19
6.90	0.71	19.95	117.56
6.92	0.74	17.95	135.00
6.94	0.76	15.95	154.19
6.96	0.80	15.28	173.96
6.98	0.80	14.17	193.15
7.00	0.83	13.50	215.82
7.02	0.85	13.06	228.61
7.04	0.86	17.73	240.82
7.06	0.85	19.95	214.08
7.08	0.83	22.62	201.29
7.10	0.80	26.39	211.75
7.12	0.80	27.51	234.43
7.14	0.81	25.95	256.52
7.16	0.82	24.62	265.25
7.18	0.82	23.51	265.83
7.20	0.82	22.62	263.50
7.22	0.82	20.84	261.76
7.24	0.82	21.28	264.08
7.26	0.82	22.39	284.43
7.28	0.85	21.73	299.55
7.30	0.88	21.28	303.04
7.32	0.88	21.51	288.50
7.34	0.86	22.62	268.73
7.36	0.82	23.95	253.03
7.38	0.80	24.17	239.08
7.40	0.76	26.17	228.61
7.42	0.73	27.51	230.36
7.44	0.70	27.06	247.80
7.46	0.74	25.73	283.85
7.48	0.82	21.28	329.79
7.50	0.99	18.61	393.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	1.16	17.28	412.93
7.54	1.12	15.28	342.58
7.56	1.04	15.50	233.85
7.58	0.94	17.95	212.92
7.60	0.90	17.73	214.66
7.62	0.85	19.73	237.34
7.64	0.83	19.06	254.20
7.66	0.89	19.73	279.20
7.68	1.04	21.06	315.25
7.70	1.11	18.39	340.25
7.72	1.06	16.39	243.15
7.74	0.98	19.06	223.38
7.76	0.93	17.73	247.22
7.78	0.93	16.61	284.43
7.80	0.97	16.61	306.53
7.82	1.05	19.28	332.69
7.84	1.10	21.28	371.65
7.86	1.16	21.28	304.78
7.88	1.14	22.17	244.90
7.90	1.09	25.95	248.39
7.92	1.06	27.28	239.66
7.94	1.02	30.17	239.08
7.96	0.98	31.06	226.87
7.98	0.95	33.72	211.75
8.00	0.94	36.17	194.31
8.02	0.69	31.28	290.25
8.04	0.89	37.28	314.67
8.06	0.89	35.73	331.53
8.08	0.94	33.50	358.86
8.10	1.02	31.50	401.88
8.12	1.06	29.50	430.95
8.14	1.10	26.17	414.67
8.16	1.11	24.17	365.83
8.18	1.10	25.06	337.34
8.20	1.09	27.06	332.69
8.22	1.11	27.50	340.25
8.24	1.13	29.06	353.04
8.26	1.17	31.06	357.11
8.28	1.13	32.39	348.97
8.30	1.11	32.17	299.55
8.32	1.06	32.61	253.62
8.34	1.04	33.50	242.57
8.36	1.05	35.28	261.18
8.38	1.10	33.72	303.04
8.40	1.11	32.61	321.64
8.42	1.13	31.50	329.20
8.44	1.16	31.50	305.95
8.46	1.13	31.50	296.64
8.48	1.15	30.83	305.36
8.50	1.13	29.72	299.55

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	1.11	30.83	290.83
8.54	1.10	31.50	289.67
8.56	1.09	32.39	293.15
8.58	1.09	31.05	307.11
8.60	1.10	28.61	305.95
8.62	1.09	28.61	304.20
8.64	1.09	28.16	291.41
8.66	1.07	28.83	290.25
8.68	1.06	29.05	282.69
8.70	1.05	29.72	275.13
8.72	1.03	30.39	269.90
8.74	1.03	30.39	268.15
8.76	0.99	31.27	278.04
8.78	0.99	29.72	285.60
8.80	1.00	28.83	283.85
8.82	0.99	28.83	294.90
8.84	1.00	26.38	304.20
8.86	0.99	25.05	279.20
8.88	0.95	25.27	272.22
8.90	0.91	24.16	278.62
8.92	0.88	23.72	291.41
8.94	0.87	22.38	299.55
8.96	0.87	21.05	318.16
8.98	0.88	20.38	337.34
9.00	0.92	18.38	365.83
9.02	1.30	15.06	313.50
9.04	1.31	18.61	234.43
9.06	1.31	22.39	186.75
9.08	1.23	25.72	137.33
9.10	1.06	25.72	111.75
9.12	0.95	22.39	115.82
9.14	0.89	20.39	136.75
9.16	0.86	18.84	181.52
9.18	0.85	17.73	212.33
9.20	0.85	17.50	244.31
9.22	0.87	16.84	283.85
9.24	0.93	15.50	323.97
9.26	0.95	14.39	344.90
9.28	0.97	13.95	343.74
9.30	0.97	15.28	327.46
9.32	0.97	16.84	305.36
9.34	0.97	19.95	298.39
9.36	0.99	22.17	285.01
9.38	0.98	25.73	271.06
9.40	0.98	27.73	254.78
9.42	0.98	29.73	255.94
9.44	1.00	29.95	265.83
9.46	1.05	30.17	243.15
9.48	1.04	31.50	240.24
9.50	1.04	31.50	246.06

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Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.06	29.73	243.15
9.54	1.04	30.84	221.64
9.56	0.95	30.17	204.20
9.58	0.86	29.50	189.08
9.60	0.80	26.61	179.20
9.62	0.75	23.72	174.54
9.64	0.71	21.28	170.47
9.66	0.69	19.95	162.91
9.68	0.65	19.06	158.26
9.70	0.62	18.61	157.68
9.72	0.62	17.50	155.94
9.74	0.66	16.39	173.96
9.76	0.81	16.17	196.64
9.78	1.01	17.28	219.90
9.80	1.07	15.50	205.94
9.82	1.13	17.72	179.78
9.84	1.18	21.72	151.87
9.86	1.22	26.39	141.40
9.88	1.24	32.84	130.93
9.90	1.19	40.84	128.03
9.92	1.01	46.84	107.10
9.94	0.93	52.17	110.59
9.96	0.76	56.17	95.47
9.98	0.65	57.28	100.12
10.00	0.61	50.39	182.68
10.02	0.66	44.61	206.52
10.04	0.69	38.17	210.59
10.06	0.70	32.61	214.66
10.08	0.74	28.61	227.45
10.10	0.76	21.72	261.76
10.12	0.83	17.72	287.34
10.14	0.90	16.17	307.69
10.16	0.94	15.95	299.55
10.18	0.98	16.84	286.18
10.20	0.95	19.06	276.88
10.22	0.95	20.17	266.41
10.24	0.95	21.72	264.66
10.26	0.95	23.50	274.55
10.28	0.97	23.95	283.27
10.30	0.98	24.61	279.78
10.32	0.98	24.61	276.29
10.34	0.98	24.84	267.57
10.36	0.97	24.84	265.25
10.38	0.93	24.61	251.87
10.40	0.88	24.17	249.55
10.42	0.87	24.17	253.03
10.44	0.87	23.72	278.62
10.46	0.90	22.61	311.76
10.48	0.93	21.72	330.95
10.50	0.94	21.72	337.34

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	0.98	21.28	341.41
10.54	1.00	21.72	325.13
10.56	1.00	22.61	310.01
10.58	0.98	23.28	296.64
10.60	0.94	23.50	281.52
10.62	0.92	23.72	284.43
10.64	0.90	23.28	299.55
10.66	0.90	22.39	324.55
10.68	0.94	20.39	353.04
10.70	0.95	19.06	364.67
10.72	0.94	17.72	355.95
10.74	0.94	17.50	353.62
10.76	0.94	17.72	367.58
10.78	0.97	17.95	382.11
10.80	0.99	18.61	402.46
10.82	1.04	18.61	416.42
10.84	1.06	19.28	416.42
10.86	1.09	20.17	410.02
10.88	1.10	20.39	389.67
10.90	1.10	21.73	374.55
10.92	1.12	22.61	372.23
10.94	1.12	23.50	368.16
10.96	1.10	24.61	357.69
10.98	1.11	25.06	337.92
11.00	1.11	26.39	339.09
11.02	1.16	24.17	396.65
11.04	1.16	26.17	350.71
11.06	1.14	27.28	351.30
11.08	1.14	28.17	348.97
11.10	1.14	28.40	355.95
11.12	1.14	28.40	344.90
11.14	1.16	29.51	365.83
11.16	1.19	29.06	403.62
11.18	1.22	28.62	426.30
11.20	1.23	28.62	409.44
11.22	1.22	28.84	367.00
11.24	1.24	30.39	344.90
11.26	1.24	32.39	327.46
11.28	1.26	33.28	346.65
11.30	1.28	33.73	344.90
11.32	1.28	35.06	308.27
11.34	1.26	38.17	298.97
11.36	1.24	39.95	312.92
11.38	1.28	39.73	305.95
11.40	1.29	39.95	290.25
11.42	1.30	41.28	280.36
11.44	1.33	43.50	282.69
11.46	1.35	44.84	273.97
11.48	1.36	47.06	269.90
11.50	1.36	49.06	268.73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	1.40	50.61	261.76
11.54	1.41	49.50	225.13
11.56	1.42	51.06	193.73
11.58	1.45	53.50	193.73
11.60	1.42	54.17	198.38
11.62	1.42	53.05	201.29
11.64	1.40	52.39	187.91
11.66	1.40	53.94	178.03
11.68	1.42	53.05	189.66
11.70	1.45	49.94	203.03
11.72	1.49	46.83	216.99
11.74	1.52	45.94	214.66
11.76	1.53	47.05	208.85
11.78	1.53	46.16	207.10
11.80	1.53	46.16	219.90
11.82	1.58	44.83	229.20
11.84	1.56	46.16	237.92
11.86	1.60	45.94	257.69
11.88	1.61	45.72	255.94
11.90	1.61	46.16	249.55
11.92	1.63	47.05	277.46
11.94	1.64	45.72	287.92
11.96	1.71	46.16	298.97
11.98	1.72	44.16	462.35
12.00	1.76	45.94	415.25
12.02	1.75	46.61	344.32
12.04	1.70	48.38	311.76
12.06	1.67	48.38	273.39
12.08	1.60	50.83	248.97
12.10	1.54	50.38	278.62
12.12	1.48	47.27	289.67
12.14	1.41	44.83	314.67
12.16	1.35	41.05	316.99
12.18	1.25	38.61	307.11
12.20	1.16	34.83	332.69
12.22	1.16	29.72	379.79
12.24	1.16	26.61	398.39
12.26	1.15	24.16	404.20
12.28	1.12	22.38	404.79
12.30	1.11	20.83	423.40
12.32	1.13	19.27	433.86
12.34	1.15	16.38	446.07
12.36	1.13	15.49	420.49
12.38	1.13	15.49	426.88
12.40	1.16	16.38	408.28
12.42	1.22	15.27	436.77
12.44	1.29	14.83	467.58
12.46	1.36	16.16	454.79
12.48	1.37	17.50	404.20
12.50	1.35	19.05	442.00

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.42	17.94	544.91
12.54	1.58	17.50	629.80
12.56	1.79	17.27	715.85
12.58	1.91	18.39	679.80
12.60	2.01	21.05	625.73
12.62	2.19	26.16	670.50
12.64	2.45	27.50	738.53
12.66	2.49	29.72	583.87
12.68	2.43	33.72	476.30
12.70	2.36	39.94	389.09
12.72	2.26	47.28	282.69
12.74	2.06	57.05	249.55
12.76	1.94	63.50	361.18
12.78	2.06	54.83	492.59
12.80	2.20	50.39	628.64
12.82	2.23	45.72	555.38
12.84	2.15	46.17	395.49
12.86	2.09	47.27	405.37
12.88	2.11	43.05	462.93
12.90	2.18	40.61	519.33
12.92	2.11	43.05	437.93
12.94	2.01	43.72	294.32
12.96	1.85	49.27	219.90
12.98	1.88	42.38	407.70
13.00	1.78	44.38	339.67
13.02	1.70	44.83	295.48
13.04	1.59	44.38	315.83
13.06	1.53	41.05	377.46
13.08	1.60	37.50	429.21
13.10	1.75	35.27	503.05
13.12	2.09	33.50	585.61
13.14	2.26	30.16	472.81
13.16	2.07	29.94	179.20
13.18	2.12	39.94	213.50
13.20	2.43	41.27	406.53
13.22	2.74	37.49	265.25
13.24	2.53	49.49	106.51
13.26	2.07	62.83	31.51
13.28	1.67	59.05	18.72
13.30	1.48	45.94	45.47
13.32	1.65	40.83	143.15
13.34	2.11	39.72	328.04
13.36	2.42	35.94	297.22
13.38	2.47	34.61	182.10
13.40	2.24	39.71	85.59
13.42	1.90	45.49	50.12
13.44	1.70	42.16	62.33
13.46	1.53	38.16	103.03
13.48	1.52	37.27	180.36
13.50	1.70	36.38	287.92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.81	32.83	373.97
13.54	1.77	28.38	307.11
13.56	1.70	28.38	246.06
13.58	1.78	32.82	215.82
13.60	2.06	37.04	316.99
13.62	2.56	36.82	331.53
13.64	3.04	45.04	229.20
13.66	2.73	52.38	75.12
13.68	2.23	60.82	32.09
13.70	1.88	61.71	25.11
13.72	1.76	57.04	29.77
13.74	1.79	61.93	50.12
13.76	1.84	71.49	87.91
13.78	1.81	70.60	88.49
13.80	1.88	65.49	112.91
13.82	1.93	62.82	161.75
13.84	1.71	56.15	137.33
13.86	1.66	48.15	122.80
13.88	1.63	47.49	163.50
13.90	1.58	46.15	210.01
13.92	1.52	42.15	222.80
13.94	1.45	42.60	233.27
13.96	1.41	42.15	287.34
13.98	1.63	40.60	594.91
14.00	1.64	37.27	575.15
14.02	1.69	37.27	578.05
14.04	1.71	38.82	447.23
14.06	1.66	39.27	391.41
14.08	1.59	41.93	389.67
14.10	1.53	43.71	382.11
14.12	1.54	45.93	408.86
14.14	1.54	47.27	457.70
14.16	1.57	45.93	452.47
14.18	1.54	45.49	404.20
14.20	1.51	46.60	378.04
14.22	1.45	49.49	387.35
14.24	1.45	49.27	394.32
14.26	1.45	48.38	403.04
14.28	1.45	49.93	386.18
14.30	1.42	54.38	383.86
14.32	1.40	54.15	401.30
14.34	1.40	50.60	419.32
14.36	1.41	46.15	421.07
14.38	1.40	43.71	390.83
14.40	1.39	42.38	368.74
14.42	1.36	41.71	348.39
14.44	1.30	41.27	309.43
14.46	1.27	41.71	305.36
14.48	1.27	41.93	302.46
14.50	1.24	43.04	295.48

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.22	43.04	290.83
14.54	1.21	42.37	262.34
14.56	1.18	43.26	247.22
14.58	1.20	42.37	271.06
14.60	1.21	41.71	305.36
14.62	1.25	39.71	342.58
14.64	1.29	36.82	385.60
14.66	1.30	35.26	386.76
14.68	1.29	33.48	382.11
14.70	1.22	30.37	361.18
14.72	1.20	29.04	367.00
14.74	1.16	27.26	381.53
14.76	1.13	25.26	380.95
14.78	1.08	22.15	388.51
14.80	1.06	20.15	410.60
14.82	1.04	18.60	429.79
14.84	1.00	17.49	439.68
14.86	0.96	17.26	439.09
14.88	0.94	17.26	436.19
14.90	0.93	17.26	457.12
14.92	0.94	17.49	490.84
14.94	0.97	16.82	525.72
14.96	1.06	21.06	509.45
14.98	1.12	22.17	500.72
15.00	1.16	22.61	479.79
15.02	1.17	22.84	467.58
15.04	1.16	23.28	465.26
15.06	1.16	24.17	456.53
15.08	1.13	26.17	443.74
15.10	1.12	28.17	437.35
15.12	1.11	28.39	433.86
15.14	1.11	28.84	428.63
15.16	1.11	29.50	412.35
15.18	1.09	29.95	401.30
15.20	1.06	29.72	403.62
15.22	1.06	28.84	411.77
15.24	1.04	28.17	417.00
15.26	1.01	27.06	433.28
15.28	1.01	25.72	442.00
15.30	1.01	23.72	460.60
15.32	1.07	21.28	496.65
15.34	1.16	19.95	535.61
15.36	1.22	18.39	535.03
15.38	1.24	17.95	521.08
15.40	1.29	17.50	518.17
15.42	1.30	17.28	488.51
15.44	1.25	17.28	437.35
15.46	1.21	17.72	410.02
15.48	1.17	17.95	393.16
15.50	1.12	18.84	390.25

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.06	19.72	400.72
15.54	1.05	19.28	422.23
15.56	1.01	18.61	432.11
15.58	1.04	17.28	458.28
15.60	1.04	16.84	473.98
15.62	1.05	16.17	490.84
15.64	1.07	16.39	512.93
15.66	1.10	17.28	504.80
15.68	1.17	18.39	541.42
15.70	1.23	19.95	546.08
15.72	1.21	21.28	499.56
15.74	1.17	22.84	462.35
15.76	1.13	23.72	469.33
15.78	1.19	23.28	517.00
15.80	1.25	23.50	562.36
15.82	1.30	22.17	529.80
15.84	1.29	22.39	501.30
15.86	1.28	21.73	494.33
15.88	1.24	22.39	500.72
15.90	1.23	22.61	497.82
15.92	1.22	23.95	512.93
15.94	1.17	23.73	517.00
15.96	1.35	28.39	389.09
15.98	1.30	30.84	377.46
16.00	1.30	31.06	414.67
16.02	1.31	32.17	451.30
16.04	1.29	31.06	439.68
16.06	1.28	29.95	426.88
16.08	1.21	29.51	415.25
16.10	1.19	27.73	427.46
16.12	1.18	27.06	421.07
16.14	1.16	27.28	419.32
16.16	1.18	26.39	435.02
16.18	1.19	27.28	430.95
16.20	1.21	29.50	453.63
16.22	1.22	30.17	489.10
16.24	1.24	29.50	478.05
16.26	1.24	29.95	452.47
16.28	1.24	32.17	450.14
16.30	1.24	33.28	475.72
16.32	1.28	31.95	498.98
16.34	1.29	32.39	507.70
16.36	1.29	33.73	505.96
16.38	1.30	33.95	507.12
16.40	1.30	32.61	485.60
16.42	1.30	32.39	464.68
16.44	1.29	32.61	454.79
16.46	1.25	33.28	440.84
16.48	1.23	33.28	451.30
16.50	1.22	32.61	425.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.19	33.50	441.42
16.54	1.18	32.17	419.90
16.56	1.16	32.61	394.90
16.58	1.10	32.39	390.25
16.60	1.06	31.06	387.35
16.62	1.04	31.06	410.60
16.64	1.01	28.17	387.35
16.66	0.99	26.61	371.07
16.68	0.95	25.72	361.18
16.70	0.93	23.28	372.81
16.72	0.93	21.05	403.62
16.74	0.95	19.28	430.95
16.76	0.97	17.72	447.81
16.78	1.01	16.61	517.59
16.80	1.27	14.83	630.96
16.82	1.70	13.72	544.91
16.84	2.11	12.83	238.50
16.86	2.35	16.17	105.93
16.88	2.51	21.28	47.79
16.90	2.62	25.28	25.70
16.92	2.44	29.50	15.23
16.94	3.23	33.28	70.47
16.96	3.54	43.73	48.37
16.98	3.99	52.17	65.81
17.00	4.34	56.84	66.40
17.02	4.61	51.51	51.28
17.04	4.78	47.06	33.26
17.06	4.84	39.51	22.79
17.08	4.91	30.84	16.40
17.10	4.88	24.62	10.00
17.12	4.75	18.84	3.60
17.14	4.59	17.73	-0.47
17.16	4.44	14.39	-2.21
17.18	4.30	14.17	-4.54
17.20	4.11	16.17	-9.77
17.22	3.66	20.17	-20.82
17.24	3.18	25.72	-34.77
17.26	2.85	29.95	-40.59
17.28	2.48	36.39	-44.66
17.30	2.24	37.05	-42.33
17.32	2.25	36.17	-41.17
17.34	2.24	38.83	-35.93
17.36	2.19	40.61	-30.12
17.38	1.95	39.50	-41.17
17.40	1.60	35.72	-45.82
17.42	1.35	35.05	-41.75
17.44	1.31	28.61	-32.45
17.46	1.34	27.72	-24.89
17.48	1.36	27.49	-16.17
17.50	1.37	28.38	-8.02

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.40	29.05	3.60
17.54	1.37	27.05	12.32
17.56	1.34	24.60	18.72
17.58	1.27	26.16	26.86
17.60	1.27	26.38	39.07
17.62	1.28	26.60	54.19
17.64	1.35	23.93	93.14
17.66	1.42	23.49	118.72
17.68	1.45	23.71	133.26
17.70	1.42	24.16	152.45
17.72	1.39	23.93	153.03
17.74	1.33	25.27	168.15
17.76	1.32	25.27	192.57
17.78	1.36	25.71	228.03
17.80	1.39	25.93	254.78
17.82	1.35	25.04	263.50
17.84	1.29	23.93	263.50
17.86	1.24	23.49	266.41
17.88	1.20	21.71	273.97
17.90	1.23	19.93	328.62
17.92	1.47	17.50	498.40
17.94	1.42	19.27	382.70
17.96	1.34	21.72	355.37
17.98	1.28	20.38	345.48
18.00	1.28	20.16	372.81
18.02	1.31	22.16	440.84
18.04	1.35	21.50	463.51
18.06	1.34	22.61	428.63
18.08	1.34	23.72	430.95
18.10	1.28	22.83	362.92
18.12	1.19	23.94	333.27
18.14	1.13	21.72	355.37
18.16	1.12	19.27	399.56
18.18	1.13	18.39	449.56
18.20	1.15	17.27	492.59
18.22	1.18	15.94	510.03
18.24	1.19	15.27	510.61
18.26	1.22	15.50	522.82
18.28	1.24	15.50	533.87
18.30	1.25	15.05	545.50
18.32	1.25	15.05	503.63
18.34	1.24	14.83	506.54
18.36	1.24	14.39	497.23
18.38	1.22	15.05	490.84
18.40	1.24	15.05	526.89
18.42	1.27	15.94	503.63
18.44	1.25	16.61	492.00
18.46	1.22	17.50	428.05
18.48	1.18	17.94	448.40
18.50	1.19	16.83	476.89

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova 2

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.18	16.17	486.77
18.54	1.16	15.28	489.10
18.56	1.17	14.84	503.05
18.58	1.19	14.39	533.29
18.60	1.22	13.72	541.42
18.62	1.23	14.39	494.91
18.64	1.23	15.95	492.59
18.66	1.23	16.84	507.70
18.68	1.22	16.17	498.40
18.70	1.23	15.50	504.80
18.72	1.24	15.50	512.35
18.74	1.24	15.95	537.93
18.76	1.30	16.17	555.38
18.78	1.31	16.84	494.91
18.80	1.29	17.73	488.51
18.82	1.25	17.95	450.72
18.84	1.24	19.73	429.21
18.86	1.24	20.84	444.32
18.88	1.24	21.73	465.84
18.90	1.24	22.39	467.00
18.92	1.34	21.51	604.80
18.94	1.35	23.28	532.12
18.96	1.33	23.73	519.33
18.98	1.33	23.28	522.82
19.00	1.31	22.84	497.82
19.02	1.29	23.73	479.79
19.04	1.28	24.84	468.75
19.06	1.26	24.62	497.82
19.08	1.29	23.28	526.30
19.10	1.30	22.84	518.17
19.12	1.29	23.95	527.47
19.14	1.30	23.73	546.66
19.16	1.33	23.51	551.89
19.18	1.34	23.51	544.33
19.20	1.34	24.17	518.75
19.22	1.33	26.17	501.89
19.24	1.28	27.06	472.81
19.26	1.24	27.51	461.19
19.28	1.24	28.39	453.05
19.30	1.24	30.17	463.51
19.32	1.24	30.84	457.70
19.34	1.23	30.39	469.91
19.36	1.24	28.84	488.51
19.38	1.24	28.17	494.33
19.40	1.26	27.73	498.98
19.42	1.25	26.61	512.35
19.44	1.28	25.28	535.03
19.46	1.29	24.17	533.87
19.48	1.30	24.61	515.84
19.50	1.29	25.95	512.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.30	25.73	513.51
19.54	1.29	26.61	503.05
19.56	1.29	26.61	508.86
19.58	1.30	26.61	507.70
19.60	1.29	27.28	497.23
19.62	1.28	27.50	496.07
19.64	1.28	27.50	507.70
19.66	1.28	27.50	522.82
19.68	1.31	27.73	548.98
19.70	1.34	28.39	565.84
19.72	1.34	28.84	566.42
19.74	1.35	28.84	573.99
19.76	1.35	29.50	580.96
19.78	1.36	30.17	592.01
19.80	1.37	31.28	607.70
19.82	1.40	32.17	626.90
19.84	1.43	32.39	614.69
19.86	1.42	33.28	595.50
19.88	1.37	34.39	570.50
19.90	1.41	33.72	539.10
19.92	1.40	34.39	526.89
19.94	1.37	36.84	671.08
19.96	1.40	37.06	648.40
19.98	1.41	36.17	618.17
20.00	1.36	37.06	605.96
20.02	1.34	37.06	591.43
20.04	1.42	35.72	630.96
20.06	1.48	35.72	644.92
20.08	1.55	36.39	656.55
20.10	1.61	37.28	630.96
20.12	1.67	39.50	590.85
20.14	1.72	41.72	532.12
20.16	1.75	44.17	485.60
20.18	1.77	47.50	463.51
20.20	1.80	51.05	428.05
20.22	1.79	54.17	383.86
20.24	1.79	55.94	349.55
20.26	1.79	57.94	308.85
20.28	1.73	59.50	264.66
20.30	1.68	59.50	235.01
20.32	1.64	58.61	223.96
20.34	1.58	57.27	200.12
20.36	1.46	55.50	169.89
20.38	1.37	52.83	154.78
20.40	1.36	50.61	166.99
20.42	1.40	41.94	255.94
20.44	1.49	36.16	373.39
20.46	1.54	32.38	414.67
20.48	1.53	30.16	402.46
20.50	1.53	29.49	400.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.55	27.72	444.90
20.54	1.61	24.83	468.16
20.56	1.63	25.27	467.58
20.58	1.63	27.05	435.02
20.60	1.63	29.49	418.74
20.62	1.63	29.94	407.11
20.64	1.59	30.38	386.76
20.66	1.54	31.49	365.83
20.68	1.52	32.38	373.97
20.70	1.53	32.38	365.83
20.72	1.54	32.38	419.90
20.74	1.59	30.83	435.02
20.76	1.61	31.27	414.67
20.78	1.58	32.61	393.74
20.80	1.54	33.27	396.07
20.82	1.54	35.05	381.53
20.84	1.52	36.16	398.98
20.86	1.53	35.05	408.86
20.88	1.52	37.72	382.11
20.90	1.51	37.72	556.54
20.92	1.48	38.83	519.91
20.94	1.46	38.83	535.61
20.96	1.47	36.39	527.47
20.98	1.45	37.27	498.40
21.00	1.41	37.27	464.68
21.02	1.37	36.83	450.72
21.04	1.34	36.39	496.07
21.06	1.45	32.16	590.26
21.08	1.59	29.72	670.50
21.10	1.71	29.50	721.67
21.12	1.82	27.72	672.83
21.14	1.85	29.50	637.94
21.16	1.89	30.83	607.12
21.18	1.90	33.50	523.98
21.20	1.88	38.16	450.14
21.22	1.87	44.16	425.72
21.24	1.83	48.16	337.92
21.26	1.73	54.16	271.64
21.28	1.64	56.16	210.59
21.30	1.51	58.61	166.40
21.32	1.37	61.50	151.87
21.34	1.28	58.61	148.38
21.36	1.22	57.27	166.40
21.38	1.22	50.83	207.69
21.40	1.23	41.05	262.92
21.42	1.29	33.50	337.92
21.44	1.34	26.16	382.70
21.46	1.34	21.27	414.67
21.48	1.37	17.72	475.14
21.50	1.45	16.83	520.49



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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.47	17.94	528.05
21.54	1.47	20.16	504.21
21.56	1.47	22.83	482.70
21.58	1.49	27.49	473.40
21.60	1.59	31.05	543.75
21.62	1.75	32.83	605.96
21.64	1.89	33.72	536.19
21.66	1.99	36.16	426.88
21.68	2.03	37.27	379.79
21.70	2.02	34.38	330.37
21.72	2.06	32.61	242.57
21.74	2.00	33.72	234.43
21.76	1.95	33.94	221.64
21.78	1.75	35.05	149.54
21.80	1.51	36.83	120.47
21.82	1.37	35.72	125.70
21.84	1.28	33.27	153.03
21.86	1.28	31.05	212.33
21.88	1.27	29.05	277.46
21.90	1.55	35.94	492.59
21.92	1.51	32.16	494.33
21.94	1.47	28.16	532.70
21.96	1.43	26.16	536.19
21.98	1.43	24.61	574.57
22.00	1.39	23.94	597.82
22.02	1.39	22.83	637.36
22.04	1.45	20.16	697.83
22.06	1.56	18.83	799.00
22.08	1.72	17.94	851.90
22.10	1.80	18.83	824.00
22.12	1.85	20.16	712.95
22.14	1.91	23.72	617.01
22.16	1.95	31.05	530.96
22.18	1.91	44.39	526.89
22.20	1.95	53.27	468.75
22.22	1.97	58.39	403.04
22.24	1.97	65.05	356.53
22.26	1.94	71.50	310.01
22.28	1.79	75.05	251.29
22.30	1.72	71.94	208.27
22.32	1.64	73.05	187.33
22.34	1.55	75.72	200.70
22.36	1.55	73.27	243.73
22.38	1.64	65.27	323.39
22.40	1.77	55.94	405.95
22.42	1.87	48.61	479.79
22.44	1.94	42.38	523.40
22.46	1.95	39.49	496.07
22.48	1.90	41.72	469.91
22.50	1.90	42.16	461.77

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.87	47.49	431.53
22.54	1.85	53.94	452.47
22.56	1.90	58.38	495.49
22.58	1.97	60.83	540.26
22.60	2.03	58.60	617.01
22.62	2.12	55.49	596.66
22.64	2.12	57.04	617.01
22.66	2.23	55.27	646.66
22.68	2.30	53.93	615.85
22.70	2.36	54.16	628.06
22.72	2.35	57.71	536.19
22.74	2.30	65.71	444.32
22.76	2.24	73.04	416.42
22.78	2.25	72.82	402.46
22.80	2.24	76.38	385.02
22.82	2.24	79.93	354.20
22.84	2.26	82.60	332.11
22.86	2.24	84.15	314.67
22.88	2.20	83.04	293.73
22.90	2.14	84.15	304.20
22.92	2.18	84.37	685.62
22.94	2.22	81.93	589.68
22.96	2.24	79.04	521.66
22.98	2.18	79.04	483.28
23.00	2.14	76.60	421.65
23.02	2.15	75.48	382.70
23.04	2.14	76.37	385.02
23.06	2.17	77.26	399.56
23.08	2.15	81.26	429.79
23.10	2.19	79.26	421.07
23.12	2.20	77.70	397.81
23.14	2.22	75.26	350.71
23.16	2.23	74.81	320.48
23.18	2.19	76.15	295.48
23.20	2.13	77.70	298.97
23.22	2.12	76.81	298.39
23.24	2.12	77.70	300.71
23.26	2.13	77.48	287.34
23.28	2.14	75.70	303.04
23.30	2.12	74.14	292.57
23.32	2.06	72.81	268.15
23.34	2.00	72.59	233.85
23.36	1.98	73.70	228.03
23.38	1.98	75.47	227.45
23.40	1.95	78.58	267.57
23.42	1.98	79.03	293.15
23.44	1.98	77.69	327.46
23.46	2.01	75.03	331.53
23.48	2.02	72.58	332.11
23.50	1.96	69.25	301.30

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.88	67.69	303.62
23.54	1.88	65.02	308.27
23.56	1.88	62.80	314.09
23.58	1.89	61.69	323.97
23.60	1.88	62.13	326.88
23.62	1.88	63.02	333.27
23.64	1.86	62.80	318.16
23.66	1.81	62.58	301.30
23.68	1.77	63.25	275.13
23.70	1.75	63.47	259.43
23.72	1.75	63.47	256.52
23.74	1.75	63.91	251.87
23.76	1.76	64.13	270.48
23.78	1.80	62.58	278.62
23.80	1.80	62.80	281.52
23.82	1.78	63.02	290.25
23.84	1.76	61.91	268.15
23.86	1.74	60.80	271.06
23.88	1.76	59.69	284.43
23.90	1.78	60.36	270.48
23.92	1.81	70.14	403.04
23.94	1.84	71.47	358.86
23.96	1.88	70.59	311.18
23.98	1.89	72.36	272.22
24.00	1.88	73.25	233.85
24.02	1.87	76.14	207.10
24.04	1.84	77.70	173.38
24.06	1.82	77.92	141.40
24.08	1.78	77.92	126.29
24.10	1.76	77.70	128.61
24.12	1.80	76.58	137.91
24.14	1.83	76.36	148.96
24.16	1.87	75.03	155.36
24.18	1.90	74.36	162.33
24.20	1.95	74.14	179.78
24.22	1.96	73.02	183.26
24.24	1.99	73.25	185.01
24.26	1.99	75.47	176.29
24.28	1.98	76.80	158.84
24.30	1.94	78.58	154.78
24.32	1.95	79.02	137.33
24.34	1.94	81.25	118.72
24.36	1.90	82.80	99.54
24.38	1.86	82.80	88.49
24.40	1.84	80.58	84.42
24.42	1.78	79.91	76.86
24.44	1.77	78.13	81.51
24.46	1.76	77.91	88.49
24.48	1.74	80.58	83.84
24.50	1.77	79.91	93.72

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Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.83	78.13	128.03
24.54	1.87	76.80	162.33
24.56	1.88	72.80	153.61
24.58	1.89	70.58	144.89
24.60	1.93	67.68	143.15
24.62	1.93	67.91	132.10
24.64	1.90	71.24	126.87
24.66	1.85	71.46	109.42
24.68	1.80	71.24	91.40
24.70	1.76	70.79	85.59
24.72	1.74	69.46	87.91
24.74	1.71	69.46	87.33
24.76	1.70	69.46	87.91
24.78	1.70	69.02	96.63
24.80	1.73	68.35	107.10
24.82	1.76	69.24	111.75
24.84	1.78	70.57	122.80
24.86	1.85	70.57	135.59
24.88	1.83	71.90	132.10
24.90	1.75	68.36	223.96
24.92	1.83	75.25	221.64
24.94	1.80	79.02	212.92
24.96	1.80	81.69	220.48
24.98	1.84	83.02	250.71
25.00	1.90	82.36	276.88
25.02	1.98	79.91	269.31
25.04	1.99	79.02	248.39
25.06	2.00	75.47	235.01
25.08	1.96	70.36	211.17
25.10	1.94	68.36	191.40
25.12	1.96	67.91	167.57
25.14	1.93	70.36	134.42
25.16	1.89	73.69	119.30
25.18	1.86	75.69	100.70
25.20	1.77	77.25	91.98
25.22	1.72	77.69	88.49
25.24	1.75	77.47	94.30
25.26	1.81	77.24	112.91
25.28	1.88	75.47	131.52
25.30	1.93	74.80	156.52
25.32	1.99	73.91	168.15
25.34	2.01	72.80	166.40
25.36	2.05	72.80	165.24
25.38	2.04	76.35	154.78
25.40	2.00	80.35	147.80
25.42	1.94	83.02	143.15
25.44	1.88	85.02	161.75
25.46	1.88	86.80	197.22
25.48	1.90	83.46	215.82
25.50	1.99	78.13	204.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	2.00	74.80	175.70
25.54	2.00	72.79	160.00
25.56	1.97	72.35	162.33
25.58	1.97	72.35	155.94
25.60	1.97	76.35	150.12
25.62	2.04	81.46	178.61
25.64	2.10	82.57	198.96
25.66	2.13	85.24	203.03
25.68	2.14	85.46	182.68
25.70	2.09	86.57	152.45
25.72	2.06	86.35	128.61
25.74	2.07	87.24	112.33
25.76	2.04	91.24	95.47
25.78	1.98	94.79	90.23
25.80	1.97	96.35	85.00
25.82	1.93	95.90	71.05
25.84	1.85	99.90	65.23
25.86	1.80	100.79	62.91
25.88	1.80	97.46	75.12
25.90	1.82	92.12	80.93
25.92	1.68	72.79	149.54
25.94	1.86	85.91	178.61
25.96	1.87	85.91	172.22
25.98	1.88	85.91	182.68
26.00	1.89	84.80	189.08
26.02	1.90	81.24	193.15
26.04	1.92	79.91	190.24
26.06	1.93	77.91	171.63
26.08	1.89	77.24	157.68
26.10	1.85	76.13	161.17
26.12	1.87	75.24	171.05
26.14	1.89	74.35	188.50
26.16	1.90	75.02	214.66
26.18	1.98	73.24	230.94
26.20	2.05	69.46	222.80
26.22	2.06	67.68	210.59
26.24	2.10	68.79	211.75
26.26	2.14	71.68	191.40
26.28	2.14	73.24	173.96
26.30	2.14	76.35	164.66
26.32	2.14	81.02	137.33
26.34	2.16	84.79	124.54
26.36	2.10	86.13	114.66
26.38	2.04	87.68	99.54
26.40	1.99	88.79	95.47
26.42	2.02	87.24	90.23
26.44	2.00	87.24	86.75
26.46	1.97	87.68	82.10
26.48	1.97	88.57	83.26
26.50	1.97	89.68	89.07

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	2.00	88.79	94.89
26.54	2.06	90.79	100.70
26.56	2.09	93.45	112.91
26.58	2.11	93.23	131.52
26.60	2.10	89.90	150.12
26.62	2.16	86.12	168.73
26.64	2.23	81.90	158.26
26.66	2.21	81.46	156.52
26.68	2.19	82.79	169.89
26.70	2.19	81.23	159.42
26.72	2.13	81.90	129.77
26.74	2.10	83.01	112.91
26.76	2.06	83.45	106.51
26.78	2.04	86.12	115.24
26.80	1.99	85.45	127.45
26.82	2.01	82.79	136.75
26.84	1.99	80.56	136.75
26.86	2.03	76.12	151.87
26.88	2.06	71.67	160.59
26.90	2.00	69.91	482.12
26.92	2.06	70.79	432.11
26.94	2.07	71.24	351.88
26.96	1.93	76.13	318.74
26.98	1.88	77.91	363.50
27.00	1.89	76.13	371.07
27.02	1.89	72.79	362.34
27.04	1.88	66.57	383.86
27.06	1.85	63.91	411.19
27.08	1.85	60.13	436.19
27.10	1.92	53.91	467.58
27.12	1.98	51.68	487.35
27.14	2.06	51.68	448.98
27.16	2.06	54.35	444.32
27.18	2.09	56.13	467.58
27.20	2.13	59.24	526.89
27.22	2.19	59.02	560.03
27.24	2.25	60.35	548.40
27.26	2.25	60.80	486.77
27.28	2.24	63.46	504.80
27.30	2.24	62.13	539.10
27.32	2.19	60.58	498.98
27.34	2.11	61.02	424.56
27.36	1.98	63.02	367.00
27.38	1.87	67.02	334.43
27.40	1.78	65.02	312.92
27.42	1.68	64.13	293.15
27.44	1.63	63.24	316.99
27.46	1.66	57.69	370.49
27.48	1.72	49.69	432.11
27.50	1.76	41.24	488.51

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova 2

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.82	36.80	542.00
27.54	1.88	34.36	585.03
27.56	1.87	30.80	589.68
27.58	1.80	28.58	555.38
27.60	1.74	32.36	526.30
27.62	1.72	34.80	550.15
27.64	1.81	33.91	637.36
27.66	1.88	33.24	671.66
27.68	1.93	33.25	707.13
27.70	1.98	32.58	692.01
27.72	2.00	32.58	702.48
27.74	2.02	32.36	724.58
27.76	2.04	31.25	721.67
27.78	2.01	32.58	644.34
27.80	1.92	37.69	564.68
27.82	1.87	42.36	564.10
27.84	1.82	43.47	551.89
27.86	1.77	42.36	564.68
27.88	1.76	40.58	579.22
27.90	1.77	39.47	635.61
27.92	1.84	31.93	906.56
27.94	1.89	31.48	807.14
27.96	1.88	33.26	736.79
27.98	1.84	36.15	723.99
28.00	1.87	39.71	755.97
28.02	1.90	42.37	771.09
28.04	1.95	43.04	747.83
28.06	1.98	45.48	703.64
28.08	1.95	48.37	647.82
28.10	1.94	50.60	625.73
28.12	1.94	52.82	551.89
28.14	1.91	58.37	557.70
28.16	1.90	63.26	589.68
28.18	1.90	66.37	586.78
28.20	1.89	67.93	548.98
28.22	1.89	69.04	514.68
28.24	1.89	69.04	498.40
28.26	1.84	66.82	478.63
28.28	1.77	63.26	461.19
28.30	1.71	62.82	435.02
28.32	1.65	61.48	409.44
28.34	1.63	60.59	439.09
28.36	1.65	55.48	471.65
28.38	1.65	50.82	498.98
28.40	1.67	45.92	539.10
28.42	1.70	41.26	568.75
28.44	1.72	38.15	598.40
28.46	1.74	36.15	610.03
28.48	1.76	37.26	617.01
28.50	1.76	40.15	611.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	1.76	43.26	628.06
28.54	1.79	44.59	643.18
28.56	1.82	44.14	645.50
28.58	1.81	44.81	639.69
28.60	1.81	45.48	628.06
28.62	1.81	45.92	629.22
28.64	1.83	46.59	646.08
28.66	1.86	46.59	647.24
28.68	1.90	48.15	673.41
28.70	1.96	47.26	641.43
28.72	1.96	49.92	562.36
28.74	1.93	54.81	547.82
28.76	1.93	55.26	548.40
28.78	1.93	55.70	540.84
28.80	1.94	56.81	568.75
28.82	1.95	56.81	589.68
28.84	1.98	57.70	634.45
28.86	2.05	53.48	657.71
28.88	2.08	51.48	675.15
28.90	2.11	52.15	665.85
28.92	2.10	49.03	632.13
28.94	2.17	53.48	802.49
28.96	2.20	54.15	731.55
28.98	2.22	57.04	682.13
29.00	2.26	58.15	594.91
29.02	2.27	60.82	556.54
29.04	2.27	62.60	519.33
29.06	2.27	64.37	505.96
29.08	2.26	65.93	482.70
29.10	2.23	65.04	454.21
29.12	2.25	65.26	450.72
29.14	2.20	65.93	426.88
29.16	2.20	65.26	428.63
29.18	2.22	64.37	422.81
29.20	2.20	64.59	442.58
29.22	2.22	63.04	442.00
29.24	2.23	63.26	423.40
29.26	2.19	65.04	397.23
29.28	2.17	64.59	372.23
29.30	2.13	64.15	347.81
29.32	2.10	64.59	343.74
29.34	2.07	63.48	346.65
29.36	2.06	62.59	354.79
29.38	2.06	61.48	354.79
29.40	1.99	60.59	355.37
29.42	1.95	60.59	379.79
29.44	1.98	56.59	398.98
29.46	1.99	54.14	405.37
29.48	1.96	54.59	414.67
29.50	1.96	53.48	411.77

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	1.95	53.48	411.77
29.54	1.91	53.26	416.42
29.56	1.91	52.14	427.46
29.58	1.89	53.26	428.63
29.60	1.87	53.48	419.90
29.62	1.84	53.25	424.56
29.64	1.81	52.81	420.49
29.66	1.77	51.48	430.37
29.68	1.77	49.03	428.05
29.70	1.75	48.36	437.93
29.72	1.74	46.81	444.90
29.74	1.71	45.48	461.77
29.76	1.72	42.59	462.93
29.78	1.71	41.70	490.84
29.80	1.72	38.81	510.61
29.82	1.72	38.14	530.38
29.84	1.71	35.70	544.91
29.86	1.72	34.36	577.47
29.88	1.76	33.25	607.70
29.90	1.81	33.48	623.99
29.92	1.78	31.49	846.68
29.94	1.88	32.37	763.53
29.96	1.89	34.82	737.37
29.98	1.91	35.26	706.55
30.00	1.93	36.82	693.76
30.02	1.94	37.71	685.62
30.04	1.95	38.38	714.11
30.06	1.99	38.38	718.76
30.08	2.00	38.60	662.94
30.10	1.94	39.93	606.54
30.12	1.90	41.71	598.99
30.14	1.84	41.93	576.31
30.16	1.81	40.82	565.26
30.18	1.76	39.93	562.36
30.20	1.73	39.93	575.73
30.22	1.70	39.27	598.40
30.24	1.73	33.71	641.43
30.26	1.77	31.49	692.01
30.28	1.91	28.60	809.46
30.30	2.29	26.38	974.00
30.32	2.75	26.15	980.40
30.34	3.16	25.93	626.90
30.36	3.17	31.93	314.09
30.38	2.98	33.71	214.08
30.40	2.75	35.71	168.73
30.42	2.47	35.71	118.14
30.44	2.25	34.60	132.68
30.46	2.20	37.04	179.20
30.48	2.12	39.27	193.73
30.50	1.97	36.16	222.80

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova 2

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	1.90	32.82	271.06
30.54	1.88	29.49	346.06
30.56	1.91	25.27	446.65
30.58	2.02	22.60	540.84
30.60	2.08	23.27	619.33
30.62	2.17	23.27	667.01
30.64	2.18	25.93	597.24
30.66	2.18	33.93	622.24
30.68	2.31	37.71	742.02
30.70	2.54	39.27	805.39
30.72	2.47	40.60	640.85
30.74	2.44	39.49	663.52
30.76	2.41	41.04	650.73
30.78	2.35	42.16	664.69
30.80	2.43	40.16	687.36
30.82	2.51	38.60	596.08
30.84	2.50	45.04	598.99
30.86	2.50	46.82	683.29
30.88	2.58	44.82	742.02
30.90	2.73	44.16	820.51
30.92	3.80	53.27	932.72
30.94	4.20	58.38	535.61
30.96	4.71	73.27	616.43
30.98	5.33	73.27	330.95
31.00	5.70	85.49	105.93
31.02	5.84	100.60	47.79
31.04	5.86	110.16	25.70
31.06	5.92	112.60	10.00
31.08	6.09	108.60	-0.47
31.10	6.20	95.04	-8.61
31.12	6.22	86.38	-10.35
31.14	6.17	77.71	-15.59
31.16	6.25	65.71	-19.07
31.18	6.41	59.04	-20.24
31.20	6.55	67.04	-20.24
31.22	6.71	74.37	-17.33
31.24	6.73	77.48	-18.49
31.26	6.69	71.26	-20.24
31.28	6.64	74.15	-19.07
31.30	6.49	69.93	-23.72
31.32	6.31	64.37	-28.38
31.34	6.07	66.37	-31.87
31.36	5.86	77.48	-31.87
31.38	5.55	83.92	-33.61
31.40	5.24	80.59	-35.93
31.42	5.26	81.70	-35.93
31.44	5.45	94.59	-34.19
31.46	5.84	109.92	-31.28
31.48	6.13	116.58	-28.38
31.50	6.40	118.58	-27.21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	6.68	115.02	-25.47
31.54	6.94	104.58	-22.56
31.56	7.10	90.36	-20.82
31.58	7.09	73.02	-21.98
31.60	7.16	50.35	-21.40
31.62	7.26	49.90	-19.65
31.64	7.33	54.12	-16.75
31.66	7.23	57.24	-18.49
31.68	6.69	50.35	-26.05
31.70	5.25	39.23	-39.42
31.72	4.09	31.23	-48.72
31.74	3.24	38.12	-59.19
31.76	2.66	59.67	-67.33
31.78	2.22	89.01	-66.75
31.80	1.91	95.89	-62.68
31.82	1.82	93.67	-58.03
31.84	1.81	85.45	-54.54
31.86	1.79	84.11	-50.47
31.88	1.82	73.89	-44.66
31.90	1.89	59.00	-38.84
31.92	1.98	50.33	-30.12
31.94	1.97	46.78	112.33
31.96	2.12	46.78	141.98
31.98	2.16	49.67	148.38
32.00	2.13	55.23	146.63
32.02	2.13	59.45	154.78
32.04	2.12	62.12	164.66
32.06	2.12	63.89	170.47
32.08	2.10	66.56	177.45
32.10	2.09	67.45	185.59
32.12	2.09	65.89	201.29
32.14	2.11	61.67	218.73
32.16	2.15	60.12	238.50
32.18	2.16	60.78	253.62
32.20	2.21	59.45	239.66
32.22	2.17	61.89	216.99
32.24	2.15	63.89	194.89
32.26	2.12	67.89	182.10
32.28	2.10	71.67	189.08
32.30	2.11	73.01	196.64
32.32	2.09	73.23	193.73
32.34	2.07	72.56	190.24
32.36	2.04	70.34	203.61
32.38	2.03	67.89	216.99
32.40	2.04	63.89	235.01
32.42	2.01	60.78	231.52
32.44	1.99	59.67	245.48
32.46	2.00	58.12	245.48
32.48	1.97	57.89	275.71
32.50	1.98	52.78	290.25

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	1.89	52.78	304.20
32.54	1.88	49.01	325.13
32.56	1.86	44.78	342.58
32.58	1.85	39.90	378.04
32.60	1.87	34.34	394.32
32.62	1.85	30.12	410.60
32.64	1.82	27.67	446.07
32.66	1.86	23.45	521.08
32.68	2.18	21.23	677.48
32.70	2.60	20.34	829.81
32.72	3.01	21.23	611.20
32.74	3.16	26.35	422.23
32.76	3.01	33.46	185.59
32.78	2.90	35.24	107.10
32.80	2.84	41.68	128.61
32.82	2.79	45.46	111.17
32.84	2.60	50.79	89.07
32.86	2.33	53.90	50.70
32.88	2.10	53.91	35.00
32.90	1.98	55.91	40.81
32.92	1.95	54.79	60.00
32.94	1.92	53.91	83.84
32.96	2.44	57.70	533.29
32.98	2.26	57.03	340.25
33.00	2.05	52.81	286.76
33.02	1.88	46.14	289.67
33.04	1.82	39.70	339.09
33.06	1.86	33.70	402.46
33.08	1.89	32.14	461.77
33.10	1.93	33.25	492.59
33.12	1.89	35.03	462.93
33.14	1.83	38.81	426.88
33.16	1.81	43.26	424.56
33.18	1.76	47.48	419.32
33.20	1.76	51.48	446.65
33.22	1.75	51.70	461.77
33.24	1.76	53.48	483.86
33.26	1.79	51.92	525.72
33.28	1.81	46.59	567.00
33.30	1.82	43.26	593.17
33.32	1.82	40.81	634.45
33.34	1.84	36.81	662.36
33.36	1.87	34.59	693.76
33.38	1.88	31.48	728.64
33.40	1.89	31.03	731.55
33.42	1.88	30.81	711.20
33.44	1.87	31.26	696.09
33.46	1.86	32.37	697.25
33.48	1.86	32.81	690.27
33.50	1.87	33.70	679.80

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	1.87	35.70	671.08
33.54	1.87	37.03	661.20
33.56	1.89	37.70	667.01
33.58	1.93	38.14	663.52
33.60	1.94	39.26	622.82
33.62	1.93	40.59	571.08
33.64	1.91	42.59	540.26
33.66	1.93	45.03	536.19
33.68	1.94	46.15	547.82
33.70	1.94	46.15	544.33
33.72	1.90	47.92	504.21
33.74	1.87	48.15	489.10
33.76	1.84	46.81	486.19
33.78	1.81	43.70	492.59
33.80	1.75	41.26	469.33
33.82	1.70	39.48	476.30
33.84	1.71	36.37	514.68
33.86	1.75	34.37	557.12
33.88	1.83	31.26	624.57
33.90	1.83	29.70	587.94
33.92	1.74	29.93	551.31
33.94	1.66	29.48	527.47
33.96	1.94	20.15	650.73
33.98	1.82	24.15	607.12
34.00	1.73	24.60	580.96
34.02	1.66	24.82	595.50
34.04	1.70	23.27	674.57
34.06	1.77	22.16	735.62
34.08	1.83	21.49	783.88
34.10	1.85	20.82	814.11
34.12	1.87	17.49	864.12
34.14	1.91	16.16	844.93
34.16	2.03	14.82	932.72
34.18	2.27	15.27	939.12
34.20	2.41	21.71	889.12
34.22	2.47	27.49	708.30
34.24	2.47	35.71	593.75
34.26	2.48	46.83	515.26
34.28	2.41	61.49	482.12
34.30	2.36	72.83	452.47
34.32	2.31	80.16	439.68
34.34	2.31	85.27	467.00
34.36	2.35	87.71	453.63
34.38	2.33	89.27	457.12
34.40	2.33	84.38	479.79
34.42	2.38	77.71	469.33
34.44	2.31	77.49	432.11
34.46	2.25	78.60	399.56
34.48	2.18	79.04	400.72
34.50	2.19	78.15	421.07

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	2.34	81.49	533.87
34.54	2.80	78.60	730.97
34.56	3.08	69.93	856.56
34.58	2.99	61.49	500.14
34.60	2.67	56.82	290.25
34.62	2.71	50.37	340.83
34.64	2.74	41.93	462.35
34.66	2.60	37.04	374.55
34.68	2.32	41.26	317.58
34.70	2.22	41.26	319.90
34.72	2.13	44.15	339.09
34.74	2.11	43.03	387.35
34.76	2.19	44.37	437.35
34.78	2.30	43.70	576.89
34.80	2.35	36.81	633.29
34.82	2.36	35.26	619.92
34.84	2.36	37.48	612.36
34.86	2.36	38.59	589.10
34.88	2.25	41.92	576.31
34.90	2.18	42.37	526.30
34.92	2.10	43.70	515.26
34.94	2.11	42.59	541.42
34.96	2.38	43.04	798.41
34.98	2.32	44.60	615.27
35.00	2.19	46.60	544.91
35.02	2.15	46.15	497.23
35.04	2.18	44.82	552.47
35.06	2.20	40.82	629.80
35.08	2.31	38.37	671.66
35.10	2.59	37.04	750.74
35.12	3.11	35.26	769.34
35.14	3.69	33.71	733.88
35.16	4.33	38.15	387.35
35.18	4.63	53.04	179.78
35.20	5.18	68.37	129.19
35.22	5.78	82.60	86.17
35.24	6.25	89.04	57.68
35.26	6.50	84.15	45.47
35.28	6.52	69.48	29.77
35.30	6.35	52.37	12.90
35.32	5.62	54.37	-10.93
35.34	4.57	57.93	-26.05
35.36	3.65	59.71	-42.33
35.38	2.85	63.93	-60.94
35.40	2.37	65.48	-59.77
35.42	2.14	62.59	-57.45
35.44	2.03	65.93	-53.38
35.46	1.99	67.04	-48.72
35.48	1.98	63.48	-42.91
35.50	2.00	60.37	-37.10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	1.99	54.37	-30.70
35.54	2.05	49.92	-20.24
35.56	2.13	49.92	-3.96
35.58	2.23	49.70	15.81
35.60	2.30	49.92	30.35
35.62	2.28	54.14	34.42
35.64	2.20	58.36	35.00
35.66	2.13	60.58	42.56
35.68	2.12	60.36	48.95
35.70	2.08	61.91	58.84
35.72	2.05	62.14	71.63
35.74	2.04	60.58	90.23
35.76	2.04	55.25	106.51
35.78	2.04	49.25	121.63
35.80	2.02	47.02	138.50
35.82	2.02	45.02	155.36
35.84	2.02	43.24	179.78
35.86	2.06	42.58	211.75
35.88	2.11	42.58	243.15
35.90	2.16	43.47	273.39
35.92	2.18	45.91	287.92
35.94	2.18	49.24	284.43
35.96	2.18	49.24	284.43
35.98	2.23	58.59	515.84
36.00	2.24	61.92	479.79
36.02	2.23	66.59	479.21
36.04	2.25	69.03	486.77
36.06	2.25	69.48	479.79
36.08	2.22	69.03	423.40
36.10	2.18	68.81	347.23
36.12	2.12	69.92	318.74
36.14	2.10	68.36	321.06
36.16	2.10	65.92	335.60
36.18	2.08	65.03	336.18
36.20	2.07	63.92	327.46
36.22	2.02	63.03	310.60
36.24	1.96	61.92	293.73
36.26	1.90	58.14	287.92
36.28	1.83	55.70	290.25
36.30	1.81	52.36	290.83
36.32	1.75	50.81	277.46
36.34	1.74	48.36	303.04
36.36	1.75	45.70	342.00
36.38	1.76	42.14	376.88
36.40	1.81	39.47	399.56
36.42	1.78	39.70	412.93
36.44	1.82	38.36	453.05
36.46	1.83	36.36	479.79
36.48	1.83	36.14	492.59
36.50	1.82	35.92	508.28

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova **2**

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	1.81	38.14	515.84
36.54	1.81	39.92	521.66
36.56	1.83	39.25	535.61
36.58	1.83	38.59	528.63
36.60	1.79	39.92	508.86
36.62	1.75	39.70	510.03
36.64	1.72	38.81	521.08
36.66	1.72	36.81	517.59
36.68	1.70	37.48	525.72
36.70	1.70	36.81	555.38
36.72	1.71	35.92	568.17
36.74	1.69	36.14	561.19
36.76	1.69	35.03	568.17
36.78	1.66	35.03	580.38
36.80	1.66	34.37	596.08
36.82	1.66	33.70	611.78
36.84	1.67	33.70	626.90
36.86	1.70	33.70	640.85
36.88	1.72	34.37	650.73
36.90	1.78	35.70	672.25
36.92	1.79	36.82	670.50
36.94	1.84	37.26	673.41
36.96	1.85	38.16	846.09
36.98	1.90	40.60	839.11
37.00	1.97	40.60	751.32
37.02	1.99	42.38	707.71
37.04	1.99	44.60	671.08
37.06	1.95	47.05	652.48
37.08	1.91	46.83	663.52
37.10	1.89	46.60	682.13
37.12	1.90	42.16	733.88
37.14	1.95	39.49	784.46
37.16	2.01	35.94	842.60
37.18	2.05	32.38	858.30
37.20	2.05	30.82	803.07
37.22	2.01	33.27	779.81
37.24	2.03	33.71	820.51
37.26	2.05	34.38	828.07
37.28	2.06	36.16	835.05
37.30	2.06	36.83	821.09
37.32	2.05	36.83	778.07
37.34	1.95	37.49	736.20
37.36	1.89	35.94	751.90
37.38	1.91	33.71	824.58
37.40	2.00	31.49	930.98
37.42	2.11	31.05	950.17
37.44	2.21	29.49	990.87
37.46	2.36	27.27	944.93
37.48	2.33	30.38	804.81
37.50	2.26	35.71	765.86

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	2.18	40.16	672.83
37.54	2.11	47.05	646.08
37.56	2.05	50.38	657.13
37.58	2.03	53.27	698.41
37.60	2.07	52.16	736.79
37.62	2.05	51.94	721.67
37.64	2.03	51.49	728.06
37.66	2.05	48.38	730.97
37.68	2.01	47.94	737.37
37.70	2.00	49.27	715.27
37.72	1.96	50.83	739.11
37.74	1.96	51.71	750.16
37.76	1.95	49.93	742.60
37.78	1.95	51.49	758.30
37.80	1.99	51.49	784.46
37.82	2.02	50.60	797.83
37.84	2.02	50.60	796.67
37.86	2.05	48.60	783.30
37.88	2.05	49.27	774.58
37.90	2.01	54.38	794.35
37.92	2.02	57.04	844.35
37.94	2.11	53.93	844.93
37.96	2.14	50.38	829.81
37.98	2.08	50.60	932.72
38.00	2.15	53.94	879.23
38.02	2.12	54.16	728.64
38.04	2.11	55.71	742.02
38.06	2.06	60.83	757.13
38.08	2.03	66.60	771.67
38.10	2.06	69.94	779.81
38.12	2.14	70.60	787.37
38.14	2.18	69.27	758.88
38.16	2.14	68.38	703.06
38.18	2.08	67.93	693.76
38.20	2.08	68.16	712.95
38.22	2.17	67.71	752.48
38.24	2.24	67.49	740.85
38.26	2.24	66.82	677.48
38.28	2.25	67.71	669.34
38.30	2.30	65.71	630.96
38.32	2.32	66.37	613.52
38.34	2.39	68.37	612.94
38.36	2.43	69.04	542.59
38.38	2.42	73.93	499.56
38.40	2.42	77.48	487.93
38.42	2.41	81.71	466.42
38.44	2.41	85.26	457.12
38.46	2.42	84.82	451.89
38.48	2.42	87.26	423.40
38.50	2.42	89.26	423.98

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	2.42	88.59	408.86
38.54	2.41	86.81	367.58
38.56	2.37	88.37	358.28
38.58	2.35	87.48	346.65
38.60	2.35	86.59	313.50
38.62	2.31	86.81	314.67
38.64	2.29	87.48	314.67
38.66	2.25	85.92	315.83
38.68	2.19	85.03	280.94
38.70	2.13	84.14	265.25
38.72	2.13	83.03	272.22
38.74	2.17	83.69	308.85
38.76	2.18	80.14	360.02
38.78	2.20	78.14	387.93
38.80	2.28	76.14	428.63
38.82	2.36	73.02	418.16
38.84	2.41	73.91	433.28
38.86	2.48	76.36	418.74
38.88	2.49	78.58	380.37
38.90	2.52	79.92	394.32
38.92	1.74	49.03	251.87
38.94	2.48	80.59	428.63
38.96	2.55	89.92	435.60
38.98	2.66	91.48	444.32
39.00	2.68	92.59	433.86
39.02	2.71	92.59	402.46
39.04	2.74	89.92	322.22
39.06	2.72	95.92	271.64
39.08	2.70	102.14	264.66
39.10	2.65	105.70	271.64
39.12	2.68	104.59	273.97
39.14	2.68	103.03	294.90
39.16	2.70	100.59	319.32
39.18	2.74	97.70	349.55
39.20	2.78	93.47	373.97
39.22	2.84	88.36	382.70
39.24	2.97	82.36	376.88
39.26	3.04	82.36	354.79
39.28	3.04	87.47	336.76
39.30	3.09	95.02	336.76
39.32	3.19	99.69	374.55
39.34	3.30	101.47	360.60
39.36	3.31	107.69	293.73
39.38	3.32	115.02	249.55
39.40	3.32	119.47	227.45
39.42	3.31	119.69	197.80
39.44	3.26	119.69	142.56
39.46	3.20	125.24	105.35
39.48	3.14	132.79	88.49
39.50	3.09	136.35	112.91

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 12\03\12

Preforo 0.50 m. p.c. Falda 2.30 ml

Prova 2

Cert. N. 93/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
39.52	3.08	135.46	132.10
39.54	3.07	134.13	143.15
39.56	3.12	132.79	134.42
39.58	3.14	127.01	116.98
39.60	3.08	123.90	110.59
39.62	2.99	120.79	96.05
39.64	2.89	119.01	78.02
39.66	2.83	119.90	77.44
39.68	2.82	121.01	73.96
39.70	2.84	126.56	81.51
39.72	2.82	129.01	83.26
39.74	2.83	129.45	86.17
39.76	2.83	130.56	87.91
39.78	2.82	133.01	85.59
39.80	2.83	136.78	87.91
39.82	2.85	138.34	99.54
39.84	2.88	140.78	103.03
39.86	2.85	141.89	99.54
39.88	2.77	143.00	110.59
39.90	2.77	139.00	120.47
39.92	2.82	133.00	129.77
39.94	2.85	126.56	133.84
39.96	2.31	88.47	403.62
39.98	2.50	98.69	432.70
40.00	2.55	102.47	823.42
40.02	2.59	106.25	811.20
40.04	2.59	108.26	791.44
40.06	2.61	110.70	783.30
40.08	2.66	113.15	770.50
40.10	2.69	114.48	762.37
40.12	2.72	114.92	755.97
40.14	2.72	112.04	737.95
40.16	2.72	108.26	699.57
40.18	2.71	102.93	639.69
40.20	2.76	96.93	616.43
40.22	2.79	92.04	601.31
40.24	2.84	87.82	603.06
40.26	2.91	84.27	605.96
40.28	2.90	81.16	569.91
40.30	2.86	78.05	523.98
40.32	2.84	77.17	496.07
40.34	2.81	76.50	480.38
40.36	2.75	76.28	468.16
40.38	2.66	76.73	449.56
40.40	2.63	77.84	430.37
40.42	2.61	78.06	421.07
40.44	2.55	76.51	408.28
40.46	2.51	75.63	400.14
40.48	2.46	73.63	389.67
40.50	2.44	72.74	384.44

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
40.52	2.38	72.74	383.28
40.54	2.37	71.19	383.86
40.56	2.38	69.86	384.44
40.58	2.43	66.75	384.44
40.60	2.44	67.42	382.70
40.62	2.47	69.20	385.02
40.64	2.51	70.31	387.35
40.66	2.50	70.31	388.51
40.68	2.50	70.54	390.25
40.70	2.50	72.32	394.90
40.72	2.54	72.76	398.98
40.74	2.56	71.87	397.23
40.76	2.57	72.77	396.65
40.78	2.58	74.99	398.39
40.80	2.58	76.10	397.81
40.82	2.57	77.21	400.72
40.84	2.58	77.66	401.30
40.86	2.58	79.88	403.62
40.88	2.64	78.11	406.53
40.90	2.68	78.77	406.53
40.92	2.70	79.88	407.11
40.94	2.71	81.44	405.37
40.96	2.75	83.66	401.88
40.98	2.77	86.11	401.88
41.00	2.65	82.35	410.02
41.02	2.83	97.68	425.72
41.04	2.90	98.57	428.63
41.06	2.95	101.91	428.05
41.08	2.94	102.13	420.49
41.10	2.84	95.68	404.20
41.12	2.85	98.35	394.90
41.14	2.91	103.02	395.49
41.16	2.94	103.01	393.74
41.18	2.91	103.24	377.46
41.20	2.89	102.57	364.09
41.22	2.89	103.68	355.95
41.24	2.90	103.46	351.88
41.26	2.92	104.57	351.88
41.28	2.95	107.23	353.04
41.30	2.94	107.68	354.20
41.32	2.95	105.23	350.71
41.34	2.90	101.90	341.41
41.36	2.85	98.79	332.11
41.38	2.84	95.90	323.97
41.40	2.79	97.01	317.58
41.42	2.75	100.12	311.76
41.44	2.78	101.46	312.34
41.46	2.80	102.57	318.74
41.48	2.84	100.79	322.80
41.50	2.85	99.68	321.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
41.52	2.87	96.12	315.25
41.54	2.84	94.57	308.85
41.56	2.79	96.35	307.11
41.58	2.75	98.35	306.53
41.60	2.78	95.90	311.18
41.62	2.79	93.68	306.53
41.64	2.73	94.79	304.78
41.66	2.69	93.90	306.53
41.68	2.64	90.12	308.27
41.70	2.64	87.46	310.01
41.72	2.66	86.12	310.60
41.74	2.67	87.68	313.50
41.76	2.66	88.57	315.25
41.78	2.65	87.90	318.16
41.80	2.64	89.24	323.39
41.82	2.70	88.35	325.71
41.84	2.70	90.13	322.80
41.86	2.67	92.35	321.06
41.88	2.61	94.57	319.32
41.90	2.57	96.13	318.16
41.92	2.54	95.90	315.83
41.94	2.52	97.24	314.09
41.96	2.47	98.57	314.67
41.98	2.40	96.57	312.92
42.00	2.31	89.26	389.67
42.02	2.37	87.48	398.98
42.04	2.36	83.70	398.39
42.06	2.35	81.03	401.88
42.08	2.36	79.25	404.20
42.10	2.34	77.25	403.62
42.12	2.32	75.70	407.70
42.14	2.31	73.03	405.95
42.16	2.32	76.36	405.95
42.18	2.34	78.81	411.77
42.20	2.31	80.36	411.77
42.22	2.30	82.36	415.83
42.24	2.26	79.92	426.30
42.26	2.34	78.81	434.44
42.28	2.48	81.26	460.02
42.30	2.62	80.37	464.10
42.32	2.66	82.37	475.72
42.34	2.81	79.92	455.37
42.36	2.84	83.48	442.58
42.38	2.85	87.70	427.46
42.40	2.78	84.37	397.23
42.42	2.80	97.70	388.51
42.44	2.74	111.26	380.37
42.46	2.71	116.59	383.28
42.48	2.70	119.48	383.86
42.50	2.66	121.48	387.35

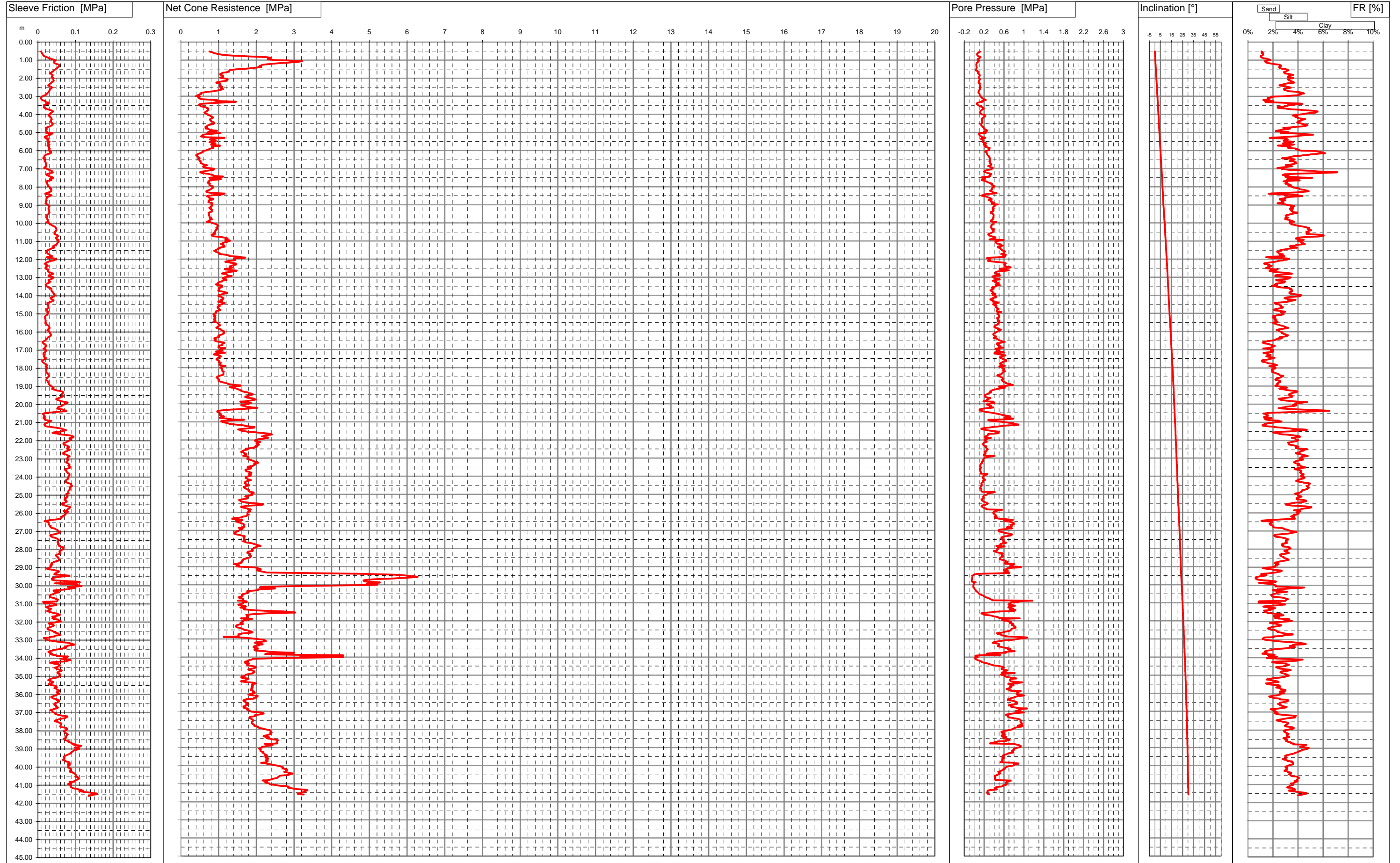




Committente AUTOSTRADA DEL BRENNERO SPA  
 Località GARGALLO  
 Cantiere SOVRAPASSO N° 138  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 92/2012  
 Data 09\03\12 Emesso il 13/03/12  
 Falda ml  
 Preforo 0.50 m. p.c.

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.75	8.19	103.61
0.54	0.78	8.86	117.56
0.56	0.82	9.08	105.93
0.58	0.83	9.53	93.14
0.60	0.87	9.53	79.77
0.62	0.89	11.09	71.63
0.64	0.93	11.53	65.23
0.66	0.99	11.98	60.00
0.68	1.03	12.42	60.58
0.70	1.09	13.09	61.16
0.72	1.15	13.98	61.16
0.74	1.27	14.43	65.23
0.76	1.44	15.32	71.63
0.78	1.66	16.88	82.68
0.80	1.87	19.10	101.28
0.82	2.06	22.21	115.24
0.84	2.27	24.22	129.77
0.86	2.35	25.77	122.21
0.88	2.39	28.22	113.49
0.90	2.36	30.00	98.38
0.92	2.30	34.45	82.10
0.94	2.30	36.45	73.38
0.96	2.32	39.56	69.30
0.98	2.38	42.45	66.40
1.00	2.50	45.56	66.40
1.02	2.79	46.95	99.54
1.04	3.01	43.84	95.47
1.06	3.22	44.28	94.30
1.08	3.17	43.84	85.59
1.10	3.10	43.84	78.60
1.12	2.97	42.73	68.14
1.14	2.84	42.50	60.58
1.16	2.69	43.84	56.51
1.18	2.54	45.61	50.12
1.20	2.43	48.28	46.63
1.22	2.36	51.17	44.89
1.24	2.23	54.06	43.14
1.26	2.17	56.06	43.14
1.28	2.14	57.17	44.30
1.30	2.12	56.95	45.47
1.32	2.09	57.17	46.63
1.34	2.08	56.06	46.05
1.36	2.11	54.72	47.21
1.38	2.13	54.28	48.37
1.40	2.07	52.50	48.37
1.42	1.97	51.83	47.79
1.44	1.94	50.50	48.37
1.46	1.82	49.39	47.21
1.48	1.70	48.05	43.72
1.50	1.53	47.17	41.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	1.41	45.61	37.90
1.54	1.34	44.28	37.32
1.56	1.29	43.39	36.16
1.58	1.28	41.83	39.07
1.60	1.28	40.72	61.16
1.62	1.28	40.27	77.44
1.64	1.28	38.27	80.93
1.66	1.23	36.27	80.35
1.68	1.19	36.05	77.44
1.70	1.12	33.83	76.86
1.72	1.09	32.94	78.02
1.74	1.09	32.72	85.00
1.76	1.04	34.94	89.07
1.78	1.06	36.28	93.72
1.80	1.04	38.28	105.35
1.82	1.06	39.61	114.08
1.84	1.09	39.39	115.82
1.86	1.12	38.50	112.91
1.88	1.12	37.39	107.10
1.90	1.12	38.28	103.03
1.92	1.12	37.39	101.28
1.94	1.10	36.05	97.21
1.96	1.04	37.39	94.30
1.98	1.06	39.83	94.89
2.00	1.12	41.83	98.96
2.02	1.16	40.94	102.45
2.04	1.21	41.17	104.77
2.06	1.24	40.73	117.56
2.08	1.22	41.17	111.17
2.10	1.23	41.40	106.51
2.12	1.23	41.39	101.86
2.14	1.21	42.06	102.45
2.16	1.14	40.95	98.38
2.18	1.09	40.06	94.30
2.20	1.02	38.28	91.40
2.22	0.97	36.50	87.33
2.24	0.94	36.06	86.17
2.26	0.95	34.95	89.65
2.28	1.02	33.39	112.33
2.30	1.04	32.72	119.89
2.32	1.05	31.17	116.40
2.34	1.03	29.83	112.91
2.36	1.03	28.94	112.91
2.38	1.06	27.61	115.82
2.40	1.06	27.17	116.98
2.42	1.03	28.28	116.98
2.44	1.02	31.61	115.24
2.46	1.06	33.61	117.56
2.48	1.10	35.83	121.05
2.50	1.10	37.61	121.63

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	1.05	37.16	120.47
2.54	1.05	36.50	122.21
2.56	1.10	34.94	120.47
2.58	1.11	34.05	119.30
2.60	1.12	32.94	118.72
2.62	1.09	32.27	115.24
2.64	1.06	31.60	107.10
2.66	1.02	30.94	101.28
2.68	0.98	31.16	97.80
2.70	0.92	30.27	96.63
2.72	0.87	29.16	94.89
2.74	0.78	29.60	90.82
2.76	0.68	28.71	86.75
2.78	0.63	27.16	83.84
2.80	0.57	25.82	85.00
2.82	0.54	24.93	94.89
2.84	0.52	24.26	104.19
2.86	0.54	23.60	107.68
2.88	0.54	22.93	110.59
2.90	0.50	22.26	112.91
2.92	0.48	20.48	112.91
2.94	0.45	18.48	113.49
2.96	0.43	15.59	115.82
2.98	0.42	13.82	119.30
3.00	0.40	11.59	125.12
3.02	0.51	9.59	142.56
3.04	0.48	9.59	141.40
3.06	0.46	8.92	144.31
3.08	0.48	8.25	154.78
3.10	0.48	7.59	164.08
3.12	0.49	7.81	172.22
3.14	0.51	8.92	182.68
3.16	0.54	9.36	195.48
3.18	0.68	10.47	215.24
3.20	0.96	11.81	236.76
3.22	0.97	12.92	208.85
3.24	0.89	16.47	168.73
3.26	0.93	19.36	161.17
3.28	1.23	19.36	182.68
3.30	1.47	20.47	171.63
3.32	1.40	21.14	132.10
3.34	1.16	27.14	96.05
3.36	0.98	29.14	68.14
3.38	0.84	29.14	58.26
3.40	0.66	28.92	54.77
3.42	0.55	25.13	54.77
3.44	0.50	20.47	57.68
3.46	0.48	17.80	64.65
3.48	0.49	16.02	73.96
3.50	0.50	16.47	85.00

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	0.51	16.69	97.21
3.54	0.53	16.24	108.84
3.56	0.55	16.46	127.45
3.58	0.60	15.58	144.31
3.60	0.65	15.57	160.59
3.62	0.67	16.69	176.29
3.64	0.71	17.35	182.68
3.66	0.69	19.79	193.73
3.68	0.71	22.24	196.06
3.70	0.72	24.24	186.17
3.72	0.73	27.12	173.38
3.74	0.72	30.46	162.91
3.76	0.72	33.79	151.29
3.78	0.72	36.23	141.98
3.80	0.69	38.46	134.42
3.82	0.69	39.79	129.19
3.84	0.68	39.79	124.54
3.86	0.66	38.68	118.72
3.88	0.64	37.12	116.98
3.90	0.62	35.34	118.14
3.92	0.64	33.78	119.30
3.94	0.65	32.23	127.45
3.96	0.67	31.34	135.00
3.98	0.68	32.23	144.89
4.00	0.72	30.89	147.80
4.02	0.71	27.32	217.57
4.04	0.73	28.21	208.85
4.06	0.78	28.66	206.52
4.08	0.78	29.55	207.69
4.10	0.79	32.21	219.90
4.12	0.83	32.21	215.24
4.14	0.84	33.32	201.29
4.16	0.85	33.99	187.91
4.18	0.83	34.65	177.45
4.20	0.84	34.87	175.70
4.22	0.84	35.99	166.99
4.24	0.79	36.43	155.94
4.26	0.77	37.10	150.70
4.28	0.77	35.98	152.45
4.30	0.77	34.65	153.61
4.32	0.78	34.43	154.19
4.34	0.78	34.65	153.03
4.36	0.79	34.65	155.36
4.38	0.81	33.98	161.17
4.40	0.81	34.42	164.08
4.42	0.85	34.65	162.91
4.44	0.87	36.20	159.42
4.46	0.89	36.42	158.26
4.48	0.89	38.42	156.52
4.50	0.89	39.31	151.87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.87	39.31	145.47
4.54	0.83	39.31	141.98
4.56	0.81	38.64	139.08
4.58	0.76	37.75	138.50
4.60	0.72	36.20	140.82
4.62	0.71	34.64	148.96
4.64	0.70	33.75	154.19
4.66	0.69	31.08	161.17
4.68	0.69	27.30	168.73
4.70	0.65	25.08	177.45
4.72	0.69	23.52	190.24
4.74	0.70	20.19	185.59
4.76	0.66	22.41	190.24
4.78	0.65	22.85	190.24
4.80	0.71	23.97	199.54
4.82	0.74	22.63	216.40
4.84	0.75	20.85	235.01
4.86	0.77	20.85	243.15
4.88	0.86	21.30	251.87
4.90	0.96	22.41	269.90
4.92	0.96	21.74	257.69
4.94	0.87	23.52	216.40
4.96	0.75	24.85	198.38
4.98	0.72	23.74	203.03
5.00	0.78	23.74	232.10
5.02	0.82	21.74	236.18
5.04	1.05	38.85	109.42
5.06	0.89	37.51	96.63
5.08	0.80	35.74	96.05
5.10	0.68	34.85	98.38
5.12	0.59	32.18	100.12
5.14	0.59	28.40	107.68
5.16	0.59	26.40	116.98
5.18	0.58	24.62	128.61
5.20	0.54	22.85	132.68
5.22	0.53	19.73	138.50
5.24	0.56	17.96	150.12
5.26	0.66	17.73	168.73
5.28	0.99	18.62	209.43
5.30	1.16	20.40	227.45
5.32	1.06	26.40	184.43
5.34	0.93	28.40	143.73
5.36	0.86	27.73	135.59
5.38	0.77	25.29	149.54
5.40	0.77	24.84	161.75
5.42	0.83	25.07	172.22
5.44	0.90	27.51	185.01
5.46	0.93	27.28	188.50
5.48	0.90	28.84	168.15
5.50	0.87	31.06	162.91

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.81	29.06	165.82
5.54	0.76	28.40	173.96
5.56	0.81	25.73	197.22
5.58	0.85	25.95	225.71
5.60	0.92	26.17	241.99
5.62	0.92	27.06	226.29
5.64	0.86	29.06	196.06
5.66	0.81	30.84	187.33
5.68	0.80	29.06	195.48
5.70	0.89	26.39	219.31
5.72	1.04	25.28	247.22
5.74	1.04	28.61	236.18
5.76	0.95	29.95	212.33
5.78	0.87	30.17	215.82
5.80	0.82	29.06	236.18
5.82	0.83	28.39	260.01
5.84	0.86	28.39	288.50
5.86	0.85	29.72	314.67
5.88	0.81	31.50	297.22
5.90	0.76	31.50	287.92
5.92	0.75	29.95	292.57
5.94	0.73	29.94	294.32
5.96	0.70	29.72	304.78
5.98	0.69	29.05	292.57
6.00	0.65	29.50	262.34
6.02	0.59	33.72	255.36
6.04	0.59	34.39	226.29
6.06	0.58	35.05	222.22
6.08	0.57	35.05	233.85
6.10	0.56	35.27	242.57
6.12	0.56	35.05	247.22
6.14	0.51	33.72	254.20
6.16	0.50	30.39	259.43
6.18	0.46	26.39	257.69
6.20	0.45	23.72	258.85
6.22	0.41	21.50	263.50
6.24	0.40	19.94	266.41
6.26	0.40	18.38	273.39
6.28	0.40	17.50	279.20
6.30	0.44	16.83	292.57
6.32	0.45	16.61	300.13
6.34	0.46	16.38	299.55
6.36	0.46	15.94	297.80
6.38	0.46	14.83	304.20
6.40	0.47	13.94	310.01
6.42	0.50	13.94	317.58
6.44	0.47	15.50	315.25
6.46	0.46	16.83	315.83
6.48	0.46	17.72	315.25
6.50	0.46	17.72	322.80

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Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.49	17.94	318.16
6.54	0.50	17.72	319.90
6.56	0.51	17.94	312.34
6.58	0.52	17.94	304.20
6.60	0.51	19.27	306.53
6.62	0.51	19.94	313.50
6.64	0.52	20.83	322.22
6.66	0.52	20.38	322.22
6.68	0.52	20.83	315.25
6.70	0.53	21.50	321.06
6.72	0.57	21.27	336.18
6.74	0.57	21.50	340.83
6.76	0.59	20.83	339.67
6.78	0.63	21.05	346.06
6.80	0.69	21.27	341.41
6.82	0.70	22.16	321.64
6.84	0.65	22.61	286.76
6.86	0.61	22.38	282.10
6.88	0.59	20.16	301.88
6.90	0.59	18.61	321.64
6.92	0.61	17.27	334.43
6.94	0.63	16.83	361.76
6.96	0.67	16.16	376.88
6.98	0.77	22.61	359.44
7.00	0.86	23.72	351.30
7.02	0.88	25.27	356.53
7.04	0.88	28.39	344.90
7.06	0.87	29.72	296.06
7.08	0.82	32.83	258.27
7.10	0.74	36.16	232.10
7.12	0.68	37.50	221.64
7.14	0.63	36.39	203.03
7.16	0.57	37.05	199.54
7.18	0.51	39.27	207.10
7.20	0.51	39.27	226.29
7.22	0.52	36.39	247.80
7.24	0.57	32.83	274.55
7.26	0.62	29.50	301.88
7.28	0.70	25.94	330.95
7.30	0.75	22.61	347.23
7.32	0.77	22.83	340.25
7.34	0.82	23.27	321.06
7.36	0.85	25.27	328.04
7.38	0.87	27.72	322.80
7.40	0.89	29.94	304.20
7.42	1.00	32.61	299.55
7.44	1.12	34.38	314.09
7.46	0.99	38.16	230.36
7.48	0.86	38.16	149.54
7.50	0.75	40.61	157.10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	0.85	33.94	185.59
7.54	0.95	32.61	219.31
7.56	1.03	33.72	225.13
7.58	1.07	34.38	202.45
7.60	1.01	36.83	175.70
7.62	0.87	35.27	149.54
7.64	0.76	32.83	156.52
7.66	0.75	26.60	175.70
7.68	0.76	22.83	212.92
7.70	0.76	22.16	237.34
7.72	0.74	23.71	248.97
7.74	0.73	22.83	271.06
7.76	0.71	22.83	284.43
7.78	0.71	22.60	298.39
7.80	0.74	23.94	326.30
7.82	0.77	23.71	351.88
7.84	0.76	25.05	363.50
7.86	0.76	25.71	357.69
7.88	0.76	25.94	344.32
7.90	0.75	26.16	358.28
7.92	0.76	27.27	379.20
7.94	0.79	26.38	369.90
7.96	0.82	28.38	411.19
7.98	0.85	30.38	387.35
8.00	0.86	31.05	396.07
8.02	0.85	32.16	398.39
8.04	0.86	32.38	385.02
8.06	0.85	33.72	375.72
8.08	0.83	34.83	360.02
8.10	0.82	35.05	349.55
8.12	0.80	34.61	351.30
8.14	0.79	34.83	360.02
8.16	0.77	35.72	363.50
8.18	0.75	35.94	351.88
8.20	0.73	35.72	330.95
8.22	0.70	34.83	316.99
8.24	0.67	34.38	326.88
8.26	0.67	32.61	344.90
8.28	0.67	29.94	365.83
8.30	0.68	28.61	380.95
8.32	0.74	26.16	372.81
8.34	0.79	22.38	410.02
8.36	1.00	19.05	453.05
8.38	1.16	19.71	399.56
8.40	1.13	24.16	280.94
8.42	1.12	29.49	211.17
8.44	1.04	33.94	222.22
8.46	0.88	36.83	181.52
8.48	0.80	31.49	144.89
8.50	0.71	32.16	154.78

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	0.70	29.71	187.33
8.54	0.71	27.05	225.71
8.56	0.73	23.94	256.52
8.58	0.74	22.60	271.06
8.60	0.74	23.27	288.50
8.62	0.76	23.49	313.50
8.64	0.77	22.61	329.79
8.66	0.85	22.16	335.02
8.68	0.85	22.16	354.20
8.70	0.86	22.38	340.83
8.72	0.82	22.83	292.57
8.74	0.76	23.49	291.41
8.76	0.74	21.72	326.30
8.78	0.74	20.38	351.88
8.80	0.75	21.27	347.81
8.82	0.74	20.83	347.23
8.84	0.73	21.05	342.58
8.86	0.73	21.27	375.72
8.88	0.77	20.38	403.04
8.90	0.83	19.94	400.14
8.92	0.83	20.83	371.65
8.94	0.81	22.83	354.79
8.96	0.81	24.83	349.55
8.98	0.83	25.72	475.72
9.00	0.83	27.72	418.16
9.02	0.83	29.50	412.35
9.04	0.83	30.39	403.62
9.06	0.81	30.83	404.79
9.08	0.81	29.50	414.09
9.10	0.82	28.83	394.32
9.12	0.80	28.83	384.44
9.14	0.77	29.05	378.04
9.16	0.75	28.39	382.70
9.18	0.76	27.72	386.18
9.20	0.76	27.72	395.49
9.22	0.81	27.72	383.86
9.24	0.80	28.61	369.90
9.26	0.80	29.50	380.95
9.28	0.83	29.50	393.74
9.30	0.82	29.05	383.28
9.32	0.82	29.94	378.62
9.34	0.83	29.72	385.60
9.36	0.82	30.39	383.28
9.38	0.82	30.16	360.02
9.40	0.79	30.16	330.37
9.42	0.75	30.83	330.95
9.44	0.73	29.94	332.69
9.46	0.74	28.61	350.13
9.48	0.75	27.72	372.81
9.50	0.74	27.05	378.62

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Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	0.75	25.94	373.39
9.54	0.74	25.05	386.18
9.56	0.75	23.94	393.16
9.58	0.75	23.27	392.00
9.60	0.75	23.50	392.00
9.62	0.75	23.94	391.41
9.64	0.76	24.16	389.67
9.66	0.76	23.94	383.28
9.68	0.76	24.16	384.44
9.70	0.76	25.27	383.28
9.72	0.81	24.61	389.09
9.74	0.81	24.83	381.53
9.76	0.77	25.05	375.13
9.78	0.81	24.61	370.49
9.80	0.83	25.94	377.46
9.82	0.79	27.27	375.72
9.84	0.76	26.38	354.20
9.86	0.75	26.38	337.34
9.88	0.75	26.38	331.53
9.90	0.74	27.27	337.34
9.92	0.71	27.27	346.65
9.94	0.69	23.72	447.81
9.96	0.78	26.61	428.63
9.98	0.81	28.17	400.72
10.00	0.83	28.61	382.70
10.02	0.86	30.39	389.67
10.04	0.88	32.17	385.60
10.06	0.93	33.28	392.58
10.08	0.94	34.39	372.81
10.10	0.95	37.06	354.79
10.12	0.97	38.61	344.90
10.14	0.98	39.95	349.55
10.16	0.98	41.94	344.90
10.18	0.98	43.50	346.06
10.20	0.97	45.72	344.32
10.22	0.97	47.05	343.74
10.24	0.97	47.50	340.25
10.26	0.94	48.17	341.41
10.28	0.94	48.39	350.13
10.30	0.95	48.39	351.88
10.32	0.97	48.61	346.06
10.34	0.97	49.05	395.49
10.36	0.94	49.27	408.28
10.38	0.94	49.27	401.88
10.40	0.91	48.61	389.67
10.42	0.93	47.50	374.55
10.44	0.91	46.61	387.93
10.46	0.91	45.50	391.41
10.48	0.91	44.61	394.32
10.50	0.91	45.05	380.37

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	0.89	45.50	369.90
10.54	0.88	44.83	357.11
10.56	0.89	43.72	337.34
10.58	0.89	43.72	324.55
10.60	0.91	44.83	307.11
10.62	0.87	47.05	283.27
10.64	0.82	49.94	282.10
10.66	0.82	51.72	286.76
10.68	0.82	52.38	295.48
10.70	0.83	53.27	306.53
10.72	0.86	53.27	330.37
10.74	0.87	52.38	350.13
10.76	0.97	50.83	387.35
10.78	1.05	48.16	411.19
10.80	1.12	47.27	428.05
10.82	1.16	47.94	427.46
10.84	1.22	48.38	401.88
10.86	1.24	49.27	372.23
10.88	1.24	52.16	368.74
10.90	1.23	53.27	330.95
10.92	1.18	55.27	308.27
10.94	1.17	51.05	593.75
10.96	1.28	53.27	539.10
10.98	1.30	53.94	489.68
11.00	1.28	55.49	479.79
11.02	1.25	54.83	453.05
11.04	1.24	53.94	421.65
11.06	1.18	53.94	429.21
11.08	1.15	51.94	435.02
11.10	1.12	51.49	445.49
11.12	1.12	50.61	448.98
11.14	1.10	50.38	457.12
11.16	1.05	50.38	479.79
11.18	1.10	48.60	523.98
11.20	1.13	46.16	546.66
11.22	1.12	44.60	528.63
11.24	1.12	43.05	545.50
11.26	1.15	40.16	574.57
11.28	1.15	39.94	545.50
11.30	1.16	40.60	487.93
11.32	1.15	42.60	484.44
11.34	1.09	43.27	471.65
11.36	1.03	42.16	478.05
11.38	1.04	36.83	521.08
11.40	1.00	36.16	534.45
11.42	0.99	32.83	523.98
11.44	1.00	31.27	531.54
11.46	0.97	28.83	542.00
11.48	0.95	25.05	562.36
11.50	0.92	25.05	554.80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	0.92	25.05	563.52
11.54	0.88	23.94	577.47
11.56	0.89	22.60	616.43
11.58	0.91	21.71	622.24
11.60	0.93	23.27	604.80
11.62	0.97	24.16	595.50
11.64	0.98	24.61	602.48
11.66	1.00	25.05	596.08
11.68	1.03	25.94	593.75
11.70	1.01	27.49	567.00
11.72	1.03	29.72	539.68
11.74	1.10	31.27	594.91
11.76	1.18	31.94	637.36
11.78	1.24	32.38	636.78
11.80	1.27	36.38	582.70
11.82	1.27	38.16	597.82
11.84	1.34	34.38	577.47
11.86	1.49	25.05	623.40
11.88	1.59	23.27	588.52
11.90	1.61	25.94	491.42
11.92	1.71	34.83	332.11
11.94	1.52	44.39	259.43
11.96	1.40	47.50	253.62
11.98	1.40	47.94	282.10
12.00	1.40	46.61	310.01
12.02	1.43	45.50	325.71
12.04	1.45	43.05	314.09
12.06	1.43	40.61	310.60
12.08	1.36	33.94	291.99
12.10	1.27	31.27	276.29
12.12	1.23	28.61	322.22
12.14	1.18	25.72	387.35
12.16	1.19	23.27	458.86
12.18	1.27	21.72	537.35
12.20	1.31	20.83	604.22
12.22	1.39	18.61	625.15
12.24	1.45	18.83	639.69
12.26	1.46	19.72	627.48
12.28	1.47	22.38	621.66
12.30	1.47	23.50	603.06
12.32	1.41	25.05	622.82
12.34	1.39	24.16	625.73
12.36	1.35	26.16	614.10
12.38	1.34	25.27	614.10
12.40	1.29	23.72	633.29
12.42	1.29	21.72	669.34
12.44	1.31	20.38	708.30
12.46	1.35	20.16	735.62
12.48	1.36	19.72	707.71
12.50	1.33	20.38	639.10

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.25	22.16	562.36
12.54	1.21	24.61	505.38
12.56	1.16	28.38	543.17
12.58	1.19	27.50	596.66
12.60	1.30	25.94	655.39
12.62	1.40	25.94	700.15
12.64	1.48	25.72	649.57
12.66	1.46	27.27	556.54
12.68	1.40	28.16	480.96
12.70	1.34	29.94	453.05
12.72	1.27	33.72	435.02
12.74	1.19	36.83	433.86
12.76	1.16	38.16	421.07
12.78	1.11	39.94	434.44
12.80	1.09	39.72	465.26
12.82	1.13	37.27	482.70
12.84	1.22	35.27	509.45
12.86	1.23	30.38	460.60
12.88	1.23	27.72	436.19
12.90	1.24	28.61	475.14
12.92	1.25	27.72	519.91
12.94	1.35	32.61	398.98
12.96	1.30	37.72	365.83
12.98	1.23	40.61	377.46
13.00	1.16	41.27	387.35
13.02	1.15	39.72	393.74
13.04	1.12	38.61	402.46
13.06	1.11	37.27	418.16
13.08	1.11	35.05	455.37
13.10	1.13	32.61	498.98
13.12	1.21	29.50	514.68
13.14	1.21	27.72	458.28
13.16	1.21	28.16	436.77
13.18	1.13	28.16	392.00
13.20	1.10	30.83	371.07
13.22	1.09	33.50	421.07
13.24	1.09	31.05	437.93
13.26	1.03	29.50	415.83
13.28	1.00	29.94	430.95
13.30	0.99	27.27	465.84
13.32	0.98	24.61	481.54
13.34	0.99	22.61	496.07
13.36	0.98	22.61	494.91
13.38	0.95	21.05	486.77
13.40	0.92	20.38	431.53
13.42	0.94	22.38	461.19
13.44	1.01	22.83	518.75
13.46	1.09	21.05	490.26
13.48	1.10	22.16	430.95
13.50	1.09	25.27	433.86

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.10	26.16	419.32
13.54	1.09	27.72	390.83
13.56	1.04	29.94	358.28
13.58	1.00	33.72	352.46
13.60	1.01	35.05	379.79
13.62	1.03	36.16	393.16
13.64	1.00	36.16	392.58
13.66	1.01	35.05	376.88
13.68	1.00	35.94	364.09
13.70	1.01	36.83	351.88
13.72	1.01	36.38	329.79
13.74	0.99	36.38	325.71
13.76	1.01	37.05	352.46
13.78	1.06	37.72	357.11
13.80	1.11	39.72	368.16
13.82	1.15	39.50	364.67
13.84	1.19	40.83	382.70
13.86	1.23	41.94	391.41
13.88	1.23	42.16	376.88
13.90	1.19	41.72	360.02
13.92	1.13	43.05	432.11
13.94	1.10	44.39	398.98
13.96	1.06	44.83	380.37
13.98	1.00	44.61	372.81
14.00	0.99	43.72	373.97
14.02	0.99	43.27	401.88
14.04	0.99	43.05	430.95
14.06	1.01	39.72	442.58
14.08	1.06	36.83	450.72
14.10	1.09	35.05	445.49
14.12	1.10	33.72	438.51
14.14	1.11	33.50	411.19
14.16	1.13	33.94	364.09
14.18	1.12	36.16	366.41
14.20	1.12	37.72	360.02
14.22	1.11	39.49	325.13
14.24	1.05	41.72	326.30
14.26	1.07	41.27	356.53
14.28	1.09	40.16	387.93
14.30	1.10	37.72	392.58
14.32	1.09	35.27	371.65
14.34	0.99	32.61	367.00
14.36	0.99	30.16	392.00
14.38	1.01	27.27	437.93
14.40	1.12	24.60	490.84
14.42	1.16	25.71	481.54
14.44	1.16	25.71	455.95
14.46	1.12	25.05	398.39
14.48	1.11	26.38	388.51
14.50	1.06	27.49	378.04

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.04	27.05	392.58
14.54	1.01	27.27	411.77
14.56	1.00	27.27	437.93
14.58	1.01	27.49	451.89
14.60	1.03	27.49	436.77
14.62	1.00	28.16	428.05
14.64	0.98	28.16	428.05
14.66	0.97	27.49	434.44
14.68	0.98	27.49	449.56
14.70	0.98	26.16	470.49
14.72	1.00	24.83	465.84
14.74	1.00	24.16	478.63
14.76	1.01	22.38	487.93
14.78	1.03	21.49	480.38
14.80	1.03	22.16	464.10
14.82	1.04	23.49	461.19
14.84	1.01	24.83	457.12
14.86	0.98	26.38	453.63
14.88	0.93	27.72	450.14
14.90	0.92	28.38	452.47
14.92	0.93	24.83	548.98
14.94	0.94	25.72	500.14
14.96	0.92	25.94	486.77
14.98	0.93	25.72	473.98
15.00	0.93	25.94	470.49
15.02	0.88	25.94	469.91
15.04	0.87	24.83	465.84
15.06	0.86	23.94	476.89
15.08	0.87	21.72	496.07
15.10	0.89	20.83	497.82
15.12	0.92	19.94	502.47
15.14	0.92	18.61	496.65
15.16	0.89	18.83	490.84
15.18	0.88	19.72	500.14
15.20	0.89	18.61	507.12
15.22	0.92	18.61	489.68
15.24	0.90	18.84	471.65
15.26	0.88	19.95	458.86
15.28	0.90	20.17	478.05
15.30	0.92	19.72	475.14
15.32	0.88	19.95	480.96
15.34	0.90	19.72	473.98
15.36	0.88	20.84	467.00
15.38	0.90	20.84	489.10
15.40	0.92	20.39	506.54
15.42	0.90	19.95	496.65
15.44	0.88	20.17	471.65
15.46	0.86	21.06	476.89
15.48	0.88	20.39	510.03
15.50	0.95	19.28	514.68

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c. Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	0.97	20.17	499.56
15.54	0.98	20.84	487.93
15.56	0.98	22.17	479.79
15.58	0.99	22.84	475.14
15.60	1.00	23.95	475.72
15.62	1.01	25.72	469.91
15.64	1.04	27.06	456.53
15.66	1.04	28.39	428.05
15.68	1.01	29.06	423.40
15.70	1.00	29.50	410.02
15.72	0.98	29.95	416.42
15.74	0.98	29.72	404.79
15.76	0.97	30.84	403.62
15.78	0.94	31.28	410.60
15.80	0.95	30.17	434.44
15.82	0.95	28.84	465.84
15.84	0.99	27.72	490.84
15.86	1.04	26.39	497.23
15.88	1.05	26.61	480.38
15.90	1.06	24.84	543.75
15.92	1.07	26.39	506.54
15.94	1.09	27.73	502.47
15.96	1.11	28.39	494.33
15.98	1.12	29.50	484.44
16.00	1.16	31.06	471.07
16.02	1.14	31.50	455.95
16.04	1.12	31.95	448.98
16.06	1.14	31.50	435.60
16.08	1.16	31.95	425.14
16.10	1.14	33.28	414.67
16.12	1.14	33.28	390.25
16.14	1.11	34.61	382.11
16.16	1.10	34.39	385.60
16.18	1.07	34.61	382.11
16.20	1.04	34.39	392.58
16.22	1.00	32.84	401.88
16.24	0.99	31.28	408.86
16.26	1.00	30.39	425.14
16.28	1.01	28.39	444.32
16.30	1.01	26.39	444.32
16.32	0.99	25.28	418.16
16.34	0.94	25.06	394.90
16.36	0.90	24.84	393.16
16.38	0.88	23.72	417.58
16.40	0.89	21.28	447.23
16.42	0.93	21.05	467.58
16.44	0.93	21.06	475.14
16.46	0.92	19.94	485.02
16.48	0.88	17.95	492.00
16.50	0.90	16.17	517.59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	0.92	14.39	538.52
16.54	0.93	13.50	554.21
16.56	0.97	12.39	587.36
16.58	1.04	12.39	614.69
16.60	1.11	13.06	567.59
16.62	1.16	14.84	553.05
16.64	1.16	15.06	492.00
16.66	1.12	17.28	456.53
16.68	1.11	19.06	477.47
16.70	1.09	18.61	452.47
16.72	1.09	21.28	471.65
16.74	1.09	21.72	500.72
16.76	1.10	22.39	493.17
16.78	1.02	22.39	479.21
16.80	1.00	19.95	520.49
16.82	1.00	20.39	522.24
16.84	1.00	20.17	507.70
16.86	0.99	18.61	499.56
16.88	0.99	18.39	547.82
16.90	1.04	16.61	580.96
16.92	1.18	14.40	510.03
16.94	1.16	17.73	463.51
16.96	1.10	18.84	426.30
16.98	1.05	20.84	428.05
17.00	1.04	21.51	458.86
17.02	1.06	21.28	508.86
17.04	1.10	20.40	508.86
17.06	1.06	21.28	483.86
17.08	1.02	19.95	455.37
17.10	0.95	19.28	439.68
17.12	0.92	17.95	468.75
17.14	1.00	15.51	563.52
17.16	1.14	14.17	601.31
17.18	1.17	14.84	506.54
17.20	1.06	15.28	403.62
17.22	0.94	15.51	422.81
17.24	0.92	14.40	451.30
17.26	0.88	15.95	478.05
17.28	0.88	16.17	530.38
17.30	0.95	17.28	586.20
17.32	1.02	18.40	629.80
17.34	1.05	16.17	606.54
17.36	1.05	15.51	576.89
17.38	1.06	17.51	557.70
17.40	1.05	18.84	532.12
17.42	1.02	19.95	515.84
17.44	1.00	21.51	530.38
17.46	0.98	20.40	537.35
17.48	0.97	18.84	555.38
17.50	0.95	16.84	569.91

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	0.95	15.95	570.50
17.54	0.94	14.17	596.66
17.56	0.95	11.95	619.92
17.58	0.97	11.06	637.94
17.60	0.98	11.06	644.34
17.62	1.00	11.28	646.08
17.64	1.02	11.51	648.40
17.66	1.02	11.95	603.06
17.68	1.01	13.95	571.08
17.70	1.01	15.28	582.12
17.72	1.05	16.18	570.50
17.74	1.06	17.51	543.75
17.76	1.05	19.73	519.33
17.78	1.04	21.73	523.40
17.80	1.04	22.40	531.54
17.82	1.04	23.51	526.30
17.84	1.02	24.18	553.63
17.86	1.05	23.73	571.66
17.88	1.06	22.18	583.29
17.90	1.18	20.40	617.59
17.92	1.16	22.18	517.00
17.94	1.09	23.95	503.05
17.96	1.07	23.51	523.40
17.98	1.07	23.51	534.45
18.00	1.04	23.51	557.12
18.02	1.06	22.84	568.17
18.04	1.07	23.51	592.01
18.06	1.09	21.73	603.06
18.08	1.09	21.29	585.61
18.10	1.09	21.29	587.36
18.12	1.09	21.29	605.38
18.14	1.09	21.07	594.33
18.16	1.09	21.73	577.47
18.18	1.09	22.62	598.99
18.20	1.12	22.40	620.50
18.22	1.14	22.40	607.12
18.24	1.13	23.29	587.36
18.26	1.13	24.62	580.38
18.28	1.13	25.29	573.40
18.30	1.13	25.95	567.59
18.32	1.13	27.06	557.12
18.34	1.13	28.17	544.33
18.36	1.13	28.84	552.47
18.38	1.13	28.84	539.10
18.40	1.12	29.06	491.42
18.42	1.07	29.95	463.51
18.44	1.02	29.51	466.42
18.46	1.00	28.62	476.89
18.48	0.98	27.28	498.40
18.50	0.97	26.40	522.82

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	0.95	25.28	539.10
18.54	0.94	24.62	556.54
18.56	0.95	23.28	570.50
18.58	0.97	22.62	569.33
18.60	0.97	22.39	573.99
18.62	0.98	22.39	582.12
18.64	1.01	22.39	587.94
18.66	1.02	22.84	568.17
18.68	1.01	24.17	549.56
18.70	0.99	25.95	556.54
18.72	1.01	26.39	563.52
18.74	1.01	26.39	572.24
18.76	1.04	26.62	578.05
18.78	1.05	27.51	589.10
18.80	1.09	27.73	610.03
18.82	1.13	27.73	629.22
18.84	1.17	28.62	642.59
18.86	1.21	28.84	638.52
18.88	1.23	30.39	653.64
18.90	1.25	30.40	726.90
18.92	1.29	31.06	690.27
18.94	1.37	32.40	705.39
18.96	1.46	33.51	782.13
18.98	1.58	35.28	736.79
19.00	1.59	37.06	657.13
19.02	1.47	38.40	598.40
19.04	1.38	38.40	503.63
19.06	1.33	40.17	496.65
19.08	1.30	41.73	513.51
19.10	1.33	41.95	614.10
19.12	1.41	38.84	612.36
19.14	1.45	37.28	554.80
19.16	1.47	39.73	501.89
19.18	1.49	43.73	462.35
19.20	1.53	46.62	434.44
19.22	1.54	49.50	393.74
19.24	1.58	54.61	372.23
19.26	1.60	60.61	354.20
19.28	1.59	63.95	344.32
19.30	1.61	66.39	343.16
19.32	1.66	67.06	317.58
19.34	1.68	67.72	340.83
19.36	1.75	66.84	342.00
19.38	1.79	65.28	325.71
19.40	1.80	64.39	312.92
19.42	1.83	63.50	295.48
19.44	1.88	64.39	272.80
19.46	1.89	63.94	262.34
19.48	1.91	64.16	246.64
19.50	1.88	66.61	226.29

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.84	66.83	214.08
19.54	1.82	67.05	216.99
19.56	1.79	65.49	218.73
19.58	1.75	64.16	207.69
19.60	1.71	61.94	215.82
19.62	1.70	58.16	228.61
19.64	1.73	55.93	251.87
19.66	1.75	53.04	287.34
19.68	1.83	49.93	325.13
19.70	1.91	48.15	310.60
19.72	1.93	49.49	296.64
19.74	1.94	50.82	289.67
19.76	1.99	53.04	257.69
19.78	1.95	57.71	262.92
19.80	1.90	59.04	262.92
19.82	1.84	62.82	238.50
19.84	1.77	67.71	206.52
19.86	1.70	70.60	185.59
19.88	1.57	78.16	387.35
19.90	1.69	79.27	393.74
19.92	1.72	77.71	401.88
19.94	1.77	75.49	410.60
19.96	1.87	72.38	379.20
19.98	1.82	71.93	333.27
20.00	1.79	69.93	306.53
20.02	1.75	65.49	262.34
20.04	1.64	65.71	252.45
20.06	1.59	64.60	275.71
20.08	1.61	62.82	296.64
20.10	1.63	61.93	316.99
20.12	1.69	57.26	343.16
20.14	1.71	54.15	336.18
20.16	1.71	53.49	308.85
20.18	1.82	51.71	340.25
20.20	1.89	54.37	387.35
20.22	2.03	50.82	351.30
20.24	1.95	54.37	263.50
20.26	1.83	63.26	202.45
20.28	1.69	66.37	161.17
20.30	1.51	68.15	124.54
20.32	1.32	71.93	109.42
20.34	1.20	75.26	105.35
20.36	1.09	76.15	113.49
20.38	1.03	66.82	130.93
20.40	0.97	54.82	153.61
20.42	0.96	43.70	185.01
20.44	0.97	33.26	225.71
20.46	0.97	23.26	269.31
20.48	0.99	17.26	315.25
20.50	1.03	14.37	362.92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.04	13.03	403.62
20.54	1.04	14.15	436.77
20.56	1.06	15.26	488.51
20.58	1.06	16.15	517.59
20.60	1.05	16.37	542.00
20.62	1.03	16.82	573.99
20.64	1.03	16.59	614.69
20.66	1.05	16.59	651.90
20.68	1.10	15.48	707.71
20.70	1.15	14.82	726.90
20.72	1.09	15.49	703.06
20.74	1.11	14.37	661.20
20.76	1.06	17.26	608.87
20.78	1.03	19.93	671.08
20.80	1.13	17.27	738.53
20.82	1.27	17.71	785.04
20.84	1.32	18.38	734.46
20.86	1.25	19.93	662.36
20.88	1.68	27.50	286.18
20.90	1.47	35.73	279.78
20.92	1.30	32.84	305.36
20.94	1.18	31.06	338.50
20.96	1.07	29.50	393.74
20.98	1.07	26.61	487.35
21.00	1.11	24.61	564.10
21.02	1.12	23.73	625.15
21.04	1.17	20.17	683.88
21.06	1.23	19.28	753.06
21.08	1.24	17.95	796.67
21.10	1.28	16.84	796.67
21.12	1.30	18.61	807.14
21.14	1.42	18.61	886.21
21.16	1.53	17.95	892.60
21.18	1.61	19.06	797.25
21.20	1.68	21.73	661.20
21.22	1.70	27.73	571.08
21.24	1.76	35.95	534.45
21.26	1.89	41.06	452.47
21.28	1.95	48.17	378.04
21.30	1.94	54.84	323.39
21.32	1.94	60.62	268.73
21.34	1.85	64.39	213.50
21.36	1.78	65.50	164.08
21.38	1.67	68.39	144.31
21.40	1.56	73.95	146.05
21.42	1.51	74.84	175.12
21.44	1.55	69.95	223.96
21.46	1.60	64.61	261.18
21.48	1.59	63.05	303.62
21.50	1.64	55.72	361.76



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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.72	47.27	426.88
21.54	1.76	41.05	501.89
21.56	1.89	38.61	493.17
21.58	2.00	43.50	441.42
21.60	2.08	50.61	465.84
21.62	2.19	54.61	492.00
21.64	2.33	59.05	430.37
21.66	2.37	64.61	305.36
21.68	2.39	76.16	279.20
21.70	2.41	84.38	276.88
21.72	2.35	88.83	278.04
21.74	2.23	91.27	272.80
21.76	2.20	93.27	271.06
21.78	2.21	95.05	243.15
21.80	2.15	93.49	218.73
21.82	2.19	90.16	223.38
21.84	2.24	86.82	225.13
21.86	2.31	83.71	207.69
21.88	2.31	90.15	339.09
21.90	2.27	88.37	300.13
21.92	2.22	87.49	283.85
21.94	2.15	85.49	253.62
21.96	2.06	84.15	220.48
21.98	2.00	83.71	207.69
22.00	1.98	82.60	211.75
22.02	1.96	81.04	226.29
22.04	1.96	78.59	222.22
22.06	1.99	76.59	235.01
22.08	2.06	75.48	249.55
22.10	2.10	73.26	257.10
22.12	2.10	69.03	234.43
22.14	2.03	67.70	208.27
22.16	2.00	67.92	193.73
22.18	2.00	67.70	187.91
22.20	2.01	68.14	180.94
22.22	2.06	69.25	183.85
22.24	2.06	71.92	179.78
22.26	2.07	75.70	182.10
22.28	2.05	78.59	186.17
22.30	2.01	80.14	191.40
22.32	1.99	81.03	211.75
22.34	1.98	83.03	238.50
22.36	2.02	81.92	246.06
22.38	1.99	78.80	229.78
22.40	1.95	78.80	231.52
22.42	1.95	77.25	240.82
22.44	1.88	78.58	246.06
22.46	1.80	81.02	244.31
22.48	1.72	85.25	258.85
22.50	1.75	84.80	269.31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.78	81.25	274.55
22.54	1.75	79.47	255.36
22.56	1.68	78.58	247.80
22.58	1.66	74.80	253.62
22.60	1.65	71.47	250.13
22.62	1.63	71.24	237.34
22.64	1.62	69.91	214.66
22.66	1.60	68.13	218.15
22.68	1.64	66.80	220.48
22.70	1.66	65.91	230.36
22.72	1.69	67.46	232.10
22.74	1.69	70.80	222.22
22.76	1.69	74.80	220.48
22.78	1.74	76.80	218.15
22.80	1.74	78.58	197.80
22.82	1.70	81.24	194.31
22.84	1.70	83.02	193.15
22.86	1.68	84.35	200.70
22.88	1.65	80.58	411.19
22.90	1.75	81.25	376.88
22.92	1.78	79.25	318.16
22.94	1.77	79.25	282.10
22.96	1.78	78.14	253.62
22.98	1.78	76.80	226.29
23.00	1.80	77.47	209.43
23.02	1.78	79.47	198.38
23.04	1.76	81.02	187.91
23.06	1.76	81.25	186.17
23.08	1.81	79.91	180.94
23.10	1.86	79.47	183.85
23.12	1.87	78.13	180.94
23.14	1.90	76.13	186.17
23.16	1.93	75.69	186.75
23.18	1.93	74.80	173.38
23.20	1.98	75.24	160.59
23.22	2.02	77.47	153.61
23.24	2.04	79.91	156.52
23.26	2.05	81.47	163.50
23.28	2.00	81.69	154.78
23.30	1.94	82.80	136.75
23.32	1.95	84.13	132.10
23.34	1.99	83.02	134.42
23.36	1.97	81.02	130.93
23.38	1.94	81.68	122.21
23.40	1.92	84.13	117.56
23.42	1.92	85.24	120.47
23.44	1.90	85.24	120.47
23.46	1.83	84.79	123.96
23.48	1.78	84.79	130.35
23.50	1.77	85.02	133.84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.86	81.24	136.17
23.54	1.85	76.35	133.26
23.56	1.85	73.90	133.26
23.58	1.85	71.68	126.87
23.60	1.81	71.90	123.38
23.62	1.75	73.01	121.05
23.64	1.71	73.90	119.89
23.66	1.71	75.46	118.14
23.68	1.71	76.12	117.56
23.70	1.73	76.35	119.30
23.72	1.73	77.23	119.30
23.74	1.75	77.68	124.54
23.76	1.81	78.12	130.93
23.78	1.83	79.46	138.50
23.80	1.86	81.90	145.47
23.82	1.87	83.46	141.40
23.84	1.85	84.12	134.42
23.86	1.81	84.12	132.10
23.88	1.80	83.47	269.90
23.90	1.82	84.14	261.18
23.92	1.84	82.80	245.48
23.94	1.86	81.69	224.55
23.96	1.84	81.47	209.43
23.98	1.84	81.25	196.64
24.00	1.82	80.58	180.94
24.02	1.76	81.03	171.63
24.04	1.72	81.25	170.47
24.06	1.74	81.02	172.22
24.08	1.72	80.36	170.47
24.10	1.72	80.14	169.89
24.12	1.74	78.58	175.12
24.14	1.76	76.58	179.78
24.16	1.77	74.80	189.08
24.18	1.78	75.47	212.33
24.20	1.83	75.69	221.06
24.22	1.86	74.80	217.57
24.24	1.82	72.80	189.08
24.26	1.77	72.80	172.22
24.28	1.75	74.80	175.70
24.30	1.71	75.69	177.45
24.32	1.70	79.24	180.36
24.34	1.71	80.35	168.73
24.36	1.69	85.46	156.52
24.38	1.69	88.57	149.54
24.40	1.70	87.68	143.73
24.42	1.71	87.46	141.40
24.44	1.71	87.91	146.05
24.46	1.76	89.68	148.96
24.48	1.80	91.24	156.52
24.50	1.81	90.35	151.29

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.80	88.79	149.54
24.54	1.76	86.79	149.54
24.56	1.71	86.13	147.80
24.58	1.69	85.02	137.91
24.60	1.66	85.02	129.77
24.62	1.70	85.01	128.61
24.64	1.70	85.46	126.87
24.66	1.69	84.79	125.70
24.68	1.70	84.79	131.52
24.70	1.74	84.12	141.40
24.72	1.75	83.90	144.31
24.74	1.76	81.90	148.96
24.76	1.81	81.23	147.21
24.78	1.80	81.23	143.15
24.80	1.80	81.01	142.56
24.82	1.80	80.12	147.21
24.84	1.81	80.34	152.45
24.86	1.82	80.12	160.00
24.88	1.88	80.58	415.83
24.90	1.92	81.91	389.09
24.92	1.93	77.91	349.55
24.94	1.93	75.47	318.16
24.96	1.90	75.02	285.01
24.98	1.87	75.69	268.73
25.00	1.86	76.80	260.01
25.02	1.87	78.58	257.10
25.04	1.89	78.80	236.76
25.06	1.86	78.58	210.59
25.08	1.80	78.80	194.31
25.10	1.74	77.69	183.85
25.12	1.71	75.02	182.68
25.14	1.74	72.58	183.85
25.16	1.75	71.47	182.10
25.18	1.76	74.13	186.17
25.20	1.77	74.36	197.80
25.22	1.77	71.69	190.82
25.24	1.75	70.58	178.03
25.26	1.69	70.58	164.66
25.28	1.63	72.80	151.87
25.30	1.57	74.80	146.63
25.32	1.54	75.02	151.87
25.34	1.56	75.69	159.42
25.36	1.57	76.80	166.99
25.38	1.58	74.80	177.45
25.40	1.59	73.02	187.91
25.42	1.64	70.58	200.70
25.44	1.70	65.91	216.99
25.46	1.78	64.35	237.92
25.48	1.83	65.02	259.43
25.50	1.95	64.13	276.29

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	2.07	65.02	269.31
25.54	2.18	67.46	261.76
25.56	2.18	69.91	246.06
25.58	2.16	73.24	230.94
25.60	2.07	75.46	193.15
25.62	1.92	80.35	162.91
25.64	1.77	85.24	155.94
25.66	1.69	86.35	146.63
25.68	1.62	86.35	151.87
25.70	1.59	85.02	164.08
25.72	1.61	83.68	175.70
25.74	1.65	82.57	184.43
25.76	1.70	80.13	200.12
25.78	1.75	78.79	225.71
25.80	1.77	78.12	243.73
25.82	1.81	77.68	240.82
25.84	1.85	77.90	244.31
25.86	1.78	67.69	564.68
25.88	1.84	76.59	511.77
25.90	1.84	79.92	475.72
25.92	1.83	80.14	450.72
25.94	1.83	77.92	425.14
25.96	1.83	75.70	416.42
25.98	1.81	72.81	396.65
26.00	1.76	73.25	387.35
26.02	1.76	74.14	380.95
26.04	1.76	74.14	387.93
26.06	1.76	72.80	385.02
26.08	1.76	71.69	396.65
26.10	1.77	71.47	411.77
26.12	1.80	68.36	415.83
26.14	1.78	66.58	421.07
26.16	1.75	66.58	437.35
26.18	1.75	63.47	439.68
26.20	1.74	61.91	444.90
26.22	1.71	61.69	416.42
26.24	1.64	63.47	410.60
26.26	1.63	61.02	435.60
26.28	1.60	59.69	461.77
26.30	1.53	59.02	432.70
26.32	1.43	55.91	419.32
26.34	1.38	47.91	467.58
26.36	1.36	38.80	537.93
26.38	1.40	31.25	639.10
26.40	1.53	25.02	703.06
26.42	1.63	19.25	776.90
26.44	1.62	17.47	671.66
26.46	1.53	21.47	595.50
26.48	1.46	27.02	602.48
26.50	1.46	28.80	667.01

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.48	27.69	714.69
26.54	1.51	29.02	753.65
26.56	1.53	28.80	776.32
26.58	1.58	28.58	795.51
26.60	1.59	27.69	783.30
26.62	1.63	28.59	792.02
26.64	1.65	29.92	805.98
26.66	1.66	30.81	779.23
26.68	1.69	31.92	729.22
26.70	1.67	34.36	739.11
26.72	1.67	33.92	767.60
26.74	1.67	33.48	763.53
26.76	1.67	33.48	754.81
26.78	1.67	34.81	744.92
26.80	1.69	35.70	698.99
26.82	1.65	39.26	660.62
26.84	1.60	44.15	661.20
26.86	1.54	45.48	658.29
26.88	1.61	47.05	764.69
26.90	1.64	49.72	700.15
26.92	1.63	51.94	644.34
26.94	1.60	53.05	568.75
26.96	1.58	51.72	512.35
26.98	1.55	52.83	492.00
27.00	1.54	55.49	502.47
27.02	1.53	57.27	493.75
27.04	1.49	58.60	496.07
27.06	1.47	59.05	512.35
27.08	1.45	55.94	544.33
27.10	1.46	53.49	571.08
27.12	1.42	50.60	596.66
27.14	1.41	47.27	629.22
27.16	1.41	43.27	665.85
27.18	1.42	37.71	693.76
27.20	1.44	33.93	735.62
27.22	1.48	32.60	765.86
27.24	1.53	32.82	753.06
27.26	1.58	33.71	740.27
27.28	1.61	35.04	729.80
27.30	1.65	37.04	706.55
27.32	1.69	38.60	630.96
27.34	1.66	43.04	597.82
27.36	1.69	46.15	582.12
27.38	1.67	48.38	546.66
27.40	1.66	51.49	552.47
27.42	1.67	52.38	547.24
27.44	1.67	53.49	542.00
27.46	1.67	55.27	549.56
27.48	1.67	55.27	573.99
27.50	1.70	53.93	593.75

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Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	1.70	53.27	593.75
27.54	1.70	53.27	596.08
27.56	1.69	53.93	582.70
27.58	1.66	53.04	584.45
27.60	1.65	51.93	593.75
27.62	1.69	52.15	583.87
27.64	1.71	53.49	583.29
27.66	1.72	55.49	611.78
27.68	1.78	54.60	647.82
27.70	1.87	53.26	625.73
27.72	1.90	53.26	590.26
27.74	1.94	53.93	528.05
27.76	1.94	56.60	536.77
27.78	2.00	55.26	524.56
27.80	2.01	56.15	522.82
27.82	2.05	59.49	537.35
27.84	2.10	60.37	488.51
27.86	2.12	61.71	442.58
27.88	2.01	67.94	610.61
27.90	2.02	66.83	568.17
27.92	2.01	66.83	523.40
27.94	1.97	67.49	489.68
27.96	1.93	68.38	490.26
27.98	1.95	66.83	473.98
28.00	1.91	65.05	460.60
28.02	1.89	63.49	482.12
28.04	1.90	60.38	471.07
28.06	1.88	60.82	474.56
28.08	1.91	57.93	463.51
28.10	1.91	57.04	449.56
28.12	1.91	57.71	426.88
28.14	1.90	57.93	393.74
28.16	1.81	59.27	419.90
28.18	1.78	57.71	436.77
28.20	1.77	57.04	439.68
28.22	1.76	59.49	476.89
28.24	1.76	57.04	511.77
28.26	1.77	54.15	560.03
28.28	1.83	50.37	574.57
28.30	1.84	48.37	558.87
28.32	1.82	48.37	546.66
28.34	1.82	48.37	549.56
28.36	1.83	48.60	557.12
28.38	1.83	49.71	572.82
28.40	1.84	50.82	575.15
28.42	1.87	53.26	564.10
28.44	1.84	54.15	574.57
28.46	1.84	53.48	550.73
28.48	1.84	54.37	540.84
28.50	1.82	54.82	526.30

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	1.78	55.71	520.49
28.54	1.77	56.60	517.00
28.56	1.72	56.82	508.86
28.58	1.67	55.71	511.77
28.60	1.65	55.48	527.47
28.62	1.65	52.82	551.31
28.64	1.64	49.48	585.03
28.66	1.65	45.93	616.43
28.68	1.64	43.04	624.57
28.70	1.63	41.04	637.94
28.72	1.60	39.26	658.87
28.74	1.63	36.82	672.83
28.76	1.60	35.26	651.31
28.78	1.60	35.93	649.57
28.80	1.59	35.70	614.10
28.82	1.53	37.70	612.36
28.84	1.48	37.26	624.57
28.86	1.40	32.83	807.14
28.88	1.47	33.72	769.34
28.90	1.49	35.72	785.62
28.92	1.54	34.83	782.72
28.94	1.54	34.61	778.07
28.96	1.53	32.61	722.25
28.98	1.47	32.61	719.92
29.00	1.52	29.50	844.93
29.02	1.71	27.72	937.96
29.04	1.91	24.16	944.35
29.06	2.02	23.94	783.88
29.08	2.02	28.61	683.88
29.10	2.06	33.94	657.13
29.12	2.09	39.94	660.03
29.14	2.12	43.72	660.62
29.16	2.12	47.94	603.06
29.18	2.06	54.16	592.59
29.20	2.01	55.94	630.96
29.22	2.03	55.72	671.66
29.24	2.09	54.83	680.97
29.26	2.11	53.05	673.99
29.28	2.18	50.39	643.18
29.30	2.21	47.94	616.43
29.32	2.26	44.39	594.91
29.34	2.68	44.16	712.36
29.36	3.38	43.50	655.97
29.38	4.25	44.61	330.37
29.40	4.83	60.16	83.84
29.42	5.24	73.05	15.81
29.44	5.56	83.72	-6.86
29.46	5.79	79.94	-15.00
29.48	5.92	70.83	-22.56
29.50	5.98	58.38	-28.96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	6.08	50.61	-33.61
29.54	6.21	46.16	-35.93
29.56	6.28	42.16	-37.68
29.58	6.25	38.38	-38.26
29.60	6.11	37.05	-39.42
29.62	5.93	37.49	-40.59
29.64	5.77	41.27	-41.17
29.66	5.58	37.05	-41.75
29.68	5.33	39.71	-42.33
29.70	5.15	44.82	-42.91
29.72	4.97	61.49	-44.08
29.74	4.89	80.15	-46.40
29.76	4.84	98.38	-46.40
29.78	4.84	106.38	-45.82
29.80	4.87	111.93	-45.24
29.82	4.88	107.26	-44.66
29.84	5.02	101.48	-43.50
29.86	5.20	45.48	32.09
29.88	5.29	55.70	14.07
29.90	5.20	72.37	4.77
29.92	5.06	87.92	-1.63
29.94	4.93	98.81	-5.12
29.96	4.99	105.03	-6.86
29.98	5.06	110.81	-8.61
30.00	5.21	114.14	-9.77
30.02	5.02	116.14	-12.10
30.04	4.35	101.03	-15.59
30.06	3.56	79.47	-18.49
30.08	3.03	82.59	-20.24
30.10	2.46	87.70	-20.24
30.12	2.12	99.92	-18.49
30.14	2.10	93.91	-15.00
30.16	2.22	84.80	-8.61
30.18	2.40	82.58	-2.80
30.20	2.50	75.02	3.60
30.22	2.48	59.69	7.67
30.24	2.19	53.46	8.83
30.26	2.04	41.91	14.07
30.28	2.05	41.24	22.21
30.30	2.05	46.79	30.93
30.32	1.97	51.02	35.00
30.34	1.83	55.24	38.49
30.36	1.75	56.57	45.47
30.38	1.77	50.35	54.77
30.40	1.78	45.68	65.81
30.42	1.80	42.57	74.54
30.44	1.78	41.24	81.51
30.46	1.77	39.68	86.17
30.48	1.71	36.35	89.07
30.50	1.70	33.90	100.12

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	1.65	32.35	111.75
30.54	1.61	31.24	124.54
30.56	1.63	30.79	140.24
30.58	1.64	32.35	162.33
30.60	1.64	32.79	180.94
30.62	1.64	32.35	192.57
30.64	1.63	34.35	204.20
30.66	1.58	39.24	212.92
30.68	1.54	43.24	226.87
30.70	1.53	45.02	241.40
30.72	1.54	47.25	264.08
30.74	1.60	50.36	285.01
30.76	1.62	53.47	300.13
30.78	1.65	53.02	314.67
30.80	1.65	52.14	324.55
30.82	1.64	51.69	345.48
30.84	1.65	50.80	358.28
30.86	1.64	50.58	367.00
30.88	1.51	13.49	1172.86
30.90	1.66	13.93	1011.80
30.92	1.75	15.04	893.19
30.94	1.75	15.04	893.19
30.96	1.75	15.04	893.19
30.98	1.65	44.16	730.97
31.00	1.65	44.16	730.97
31.02	1.65	44.16	730.97
31.04	1.65	47.49	735.62
31.06	1.61	49.04	706.55
31.08	1.57	43.49	694.92
31.10	1.52	38.38	688.52
31.12	1.54	31.27	740.85
31.14	1.55	25.93	775.16
31.16	1.64	21.49	822.83
31.18	1.70	21.04	794.93
31.20	1.73	23.71	758.88
31.22	1.71	26.60	736.79
31.24	1.67	29.94	690.85
31.26	1.58	35.05	682.71
31.28	1.63	34.60	734.46
31.30	1.66	33.94	756.55
31.32	1.71	30.38	790.28
31.34	1.71	28.16	720.50
31.36	1.66	31.05	718.76
31.38	1.75	27.05	782.13
31.40	1.88	24.16	830.40
31.42	2.00	27.05	745.50
31.44	2.23	33.50	811.20
31.46	2.49	34.83	773.41
31.48	2.73	37.72	555.38
31.50	2.84	43.50	367.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	2.99	47.05	389.09
31.54	3.03	50.83	265.25
31.56	2.61	54.16	165.82
31.58	2.26	51.50	146.63
31.60	2.12	58.38	153.61
31.62	2.03	56.16	188.50
31.64	1.84	52.83	196.64
31.66	1.73	50.38	197.80
31.68	1.75	44.61	273.39
31.70	1.79	37.72	336.18
31.72	1.79	38.61	358.28
31.74	1.75	44.83	379.20
31.76	1.77	44.16	412.93
31.78	1.77	39.94	455.37
31.80	1.75	38.38	484.44
31.82	1.75	42.38	486.77
31.84	1.75	43.27	521.66
31.86	1.59	53.95	916.45
31.88	1.89	53.51	678.64
31.90	1.89	55.28	614.69
31.92	1.80	57.73	580.96
31.94	1.73	59.73	561.19
31.96	1.67	60.84	557.12
31.98	1.64	57.95	591.43
32.00	1.66	51.06	661.20
32.02	1.66	44.84	700.73
32.04	1.64	36.39	725.16
32.06	1.64	29.95	744.92
32.08	1.60	28.39	720.50
32.10	1.58	31.28	707.71
32.12	1.58	35.28	721.09
32.14	1.60	39.28	762.37
32.16	1.65	41.72	786.79
32.18	1.65	41.72	786.79
32.20	1.55	42.17	755.97
32.22	1.51	41.06	749.00
32.24	1.48	38.39	767.60
32.26	1.47	35.06	780.39
32.28	1.46	32.39	797.25
32.30	1.46	29.50	813.53
32.32	1.46	27.50	824.00
32.34	1.47	25.95	828.65
32.36	1.49	25.06	834.46
32.38	1.55	25.06	832.72
32.40	1.59	26.17	803.65
32.42	1.61	28.39	775.74
32.44	1.64	31.28	753.06
32.46	1.65	34.39	746.09
32.48	1.67	37.06	735.04
32.50	1.68	39.28	737.95

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	1.75	40.61	726.90
32.54	1.80	42.61	719.92
32.56	1.80	45.06	695.50
32.58	1.85	44.61	664.69
32.60	1.89	48.17	601.31
32.62	1.89	53.28	607.70
32.64	1.90	54.61	569.33
32.66	1.83	54.84	527.47
32.68	1.73	56.61	457.70
32.70	1.60	59.50	469.33
32.72	1.60	59.50	469.33
32.74	1.53	49.28	511.19
32.76	1.53	43.72	546.08
32.78	1.53	43.72	546.08
32.80	1.53	43.72	546.08
32.82	1.54	31.28	635.03
32.84	1.54	31.28	635.03
32.86	1.51	31.95	625.73
32.88	1.13	15.04	851.90
32.90	1.42	18.37	958.89
32.92	1.59	19.93	1069.94
32.94	1.72	20.37	1044.36
32.96	1.83	21.71	999.01
32.98	1.93	24.15	914.70
33.00	2.03	27.26	880.98
33.02	2.08	32.60	823.42
33.04	2.19	38.60	786.79
33.06	2.20	45.04	731.55
33.08	2.24	51.49	589.68
33.10	2.25	60.60	561.78
33.12	2.26	69.27	512.93
33.14	2.20	78.60	457.70
33.16	2.13	83.93	422.23
33.18	2.02	87.93	394.90
33.20	1.96	88.82	374.55
33.22	1.96	93.49	377.46
33.24	2.00	97.04	432.11
33.26	2.03	94.82	492.00
33.28	2.14	85.49	499.56
33.30	2.17	79.93	493.17
33.32	2.08	79.26	499.56
33.34	2.07	75.26	501.30
33.36	2.06	70.82	486.77
33.38	2.01	71.48	476.30
33.40	1.95	75.26	476.30
33.42	1.93	75.26	505.38
33.44	1.93	69.03	540.26
33.46	1.93	64.37	566.42
33.48	1.95	59.48	608.29
33.50	2.00	54.81	670.50

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Committente AUTOSTRADA DEL BRENNERO SPA

Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

Preforo 0.50 m. p.c.

Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	2.05	48.14	693.18
33.54	2.05	41.70	715.85
33.56	2.02	40.14	722.83
33.58	1.95	37.70	678.64
33.60	2.00	32.81	723.99
33.62	1.96	29.92	723.99
33.64	1.98	27.48	753.65
33.66	2.11	28.59	763.53
33.68	2.25	31.48	815.86
33.70	2.32	32.59	668.18
33.72	2.41	36.37	634.45
33.74	2.74	37.48	591.43
33.76	3.00	36.15	637.94
33.78	2.95	34.37	385.60
33.80	2.58	37.48	267.57
33.82	2.24	44.59	247.22
33.84	2.23	48.59	279.78
33.86	2.53	52.37	387.35
33.88	3.10	50.37	526.89
33.90	4.31	80.61	109.42
33.92	3.93	72.39	40.23
33.94	3.16	75.05	23.95
33.96	3.30	69.05	27.44
33.98	3.94	75.72	64.07
34.00	4.31	69.05	78.02
34.02	3.89	59.05	44.30
34.04	3.10	66.38	24.53
34.06	2.54	74.83	16.40
34.08	2.14	78.83	15.81
34.10	1.90	86.83	25.70
34.12	1.90	81.72	37.90
34.14	1.88	77.27	51.28
34.16	1.84	76.38	65.81
34.18	1.79	66.82	76.86
34.20	1.78	49.49	106.51
34.22	1.78	37.04	132.68
34.24	1.73	33.93	135.00
34.26	1.70	34.82	141.98
34.28	1.70	39.26	159.42
34.30	1.70	44.82	179.78
34.32	1.70	53.93	216.99
34.34	1.79	56.60	253.03
34.36	1.81	57.26	271.64
34.38	1.76	58.60	292.57
34.40	1.76	59.48	316.99
34.42	1.78	55.71	345.48
34.44	1.76	53.26	362.92
34.46	1.78	53.26	404.20
34.48	1.83	52.15	454.21
34.50	1.90	47.48	501.89

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	1.96	44.82	543.75
34.54	1.98	46.59	569.33
34.56	1.98	49.93	585.61
34.58	1.98	49.04	596.66
34.60	1.96	50.82	579.80
34.62	1.93	55.26	565.84
34.64	1.89	58.59	551.31
34.66	1.82	62.15	549.56
34.68	1.79	63.26	563.52
34.70	1.81	61.48	600.15
34.72	1.83	59.48	636.78
34.74	1.88	55.71	667.01
34.76	1.93	52.82	640.27
34.78	1.94	51.93	608.87
34.80	1.94	51.48	593.17
34.82	1.94	52.37	593.75
34.84	1.95	54.15	579.22
34.86	1.93	55.71	555.96
34.88	1.90	59.28	815.28
34.90	1.90	57.72	702.48
34.92	1.85	56.61	586.78
34.94	1.79	57.94	563.52
34.96	1.75	57.72	540.26
34.98	1.72	58.39	546.66
35.00	1.71	57.27	577.47
35.02	1.71	54.16	621.08
35.04	1.70	52.16	611.20
35.06	1.65	49.94	616.43
35.08	1.61	45.05	626.31
35.10	1.60	40.16	667.01
35.12	1.60	35.72	698.99
35.14	1.61	32.16	745.50
35.16	1.67	30.16	792.60
35.18	1.77	28.16	848.42
35.20	1.79	27.05	774.58
35.22	1.78	29.94	747.25
35.24	1.75	32.16	719.92
35.26	1.73	34.83	726.90
35.28	1.72	37.50	715.27
35.30	1.66	40.16	724.58
35.32	1.63	39.94	728.64
35.34	1.59	39.94	739.11
35.36	1.63	37.05	798.41
35.38	1.72	34.39	883.30
35.40	1.84	30.83	969.94
35.42	1.95	28.16	905.40
35.44	1.97	30.16	816.44
35.46	1.99	32.83	779.81
35.48	1.94	36.39	683.29
35.50	1.89	42.39	696.09

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	1.88	47.28	708.30
35.54	1.88	49.05	755.39
35.56	1.92	47.94	793.76
35.58	1.92	48.39	739.69
35.60	1.90	50.61	731.55
35.62	1.89	45.72	750.74
35.64	1.89	43.50	749.58
35.66	1.87	45.50	710.04
35.68	1.88	49.05	739.11
35.70	1.90	49.72	729.80
35.72	1.88	50.39	698.99
35.74	1.88	51.94	686.78
35.76	1.88	54.83	653.64
35.78	1.85	57.05	656.55
35.80	1.87	56.16	679.80
35.82	1.85	57.27	709.46
35.84	1.90	54.83	747.25
35.86	1.90	51.05	730.39
35.88	1.91	49.51	936.21
35.90	1.94	50.62	892.02
35.92	1.91	52.84	856.56
35.94	1.91	55.51	871.68
35.96	1.91	57.06	880.40
35.98	1.96	54.17	893.77
36.00	1.94	51.06	882.14
36.02	1.90	49.51	851.90
36.04	1.84	48.39	849.58
36.06	1.82	44.61	866.44
36.08	1.79	41.95	889.70
36.10	1.85	38.17	963.54
36.12	1.92	36.17	1001.91
36.14	2.04	35.06	954.82
36.16	2.04	35.72	864.12
36.18	1.99	38.17	854.81
36.20	1.99	40.17	828.65
36.22	2.00	41.28	807.72
36.24	2.00	45.50	796.09
36.26	1.94	50.39	741.43
36.28	1.94	50.39	741.43
36.30	1.94	50.39	741.43
36.32	1.73	56.84	680.97
36.34	1.73	56.84	680.97
36.36	1.73	56.84	680.97
36.38	1.67	53.50	671.08
36.40	1.65	54.39	732.71
36.42	1.67	53.05	787.95
36.44	1.68	51.05	810.04
36.46	1.68	47.50	832.14
36.48	1.72	45.05	854.23
36.50	1.72	44.61	849.00

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Località GARGALLO

Cantiere SOVRAPASSO N° 138

Data 09\03\12

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Falda ml

Prova 1

Cert. N. 92/2012

Emesso il 13/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	1.72	44.61	847.84
36.54	1.73	43.72	864.70
36.56	1.76	43.50	840.28
36.58	1.75	46.83	832.72
36.60	1.77	47.27	855.40
36.62	1.79	46.17	754.81
36.64	1.77	48.16	729.80
36.66	1.72	48.61	696.67
36.68	1.72	50.39	730.97
36.70	1.72	52.16	733.88
36.72	1.67	53.28	776.90
36.74	1.70	48.39	735.62
36.76	1.65	50.61	760.04
36.78	1.67	45.50	807.72
36.80	1.67	42.17	858.30
36.82	1.70	39.50	856.56
36.84	1.77	32.60	1065.87
36.86	1.78	33.93	987.38
36.88	1.78	35.71	929.82
36.90	1.75	38.16	892.60
36.92	1.76	38.83	934.47
36.94	1.79	38.16	922.84
36.96	1.83	38.83	902.49
36.98	1.83	41.27	837.37
37.00	1.84	43.49	838.53
37.02	1.88	45.49	885.63
37.04	2.00	44.38	945.52
37.06	2.11	45.71	999.01
37.08	2.17	47.94	918.77
37.10	2.20	51.05	822.25
37.12	2.20	54.38	778.07
37.14	2.17	58.38	726.90
37.16	2.12	63.05	682.13
37.18	2.06	69.05	643.18
37.20	1.97	78.60	638.52
37.22	2.01	78.60	672.83
37.24	1.99	76.83	685.62
37.26	1.96	75.49	675.15
37.28	1.93	73.27	668.76
37.30	1.85	71.93	676.90
37.32	1.82	65.71	690.27
37.34	1.81	59.71	723.99
37.36	1.82	56.60	760.04
37.38	1.83	53.27	796.09
37.40	1.84	50.82	841.44
37.42	1.87	47.49	883.30
37.44	1.89	44.82	912.38
37.46	1.91	44.37	922.84
37.48	1.91	47.04	924.59
37.50	1.90	50.37	935.63

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	1.91	52.82	937.96
37.54	1.91	55.26	935.63
37.56	1.90	57.93	929.24
37.58	1.89	60.82	937.96
37.60	1.88	62.60	939.12
37.62	1.88	62.15	943.77
37.64	1.88	61.93	944.35
37.66	1.89	61.71	961.21
37.68	1.90	61.04	961.80
37.70	1.90	60.37	965.29
37.72	1.93	59.71	964.70
37.74	1.94	59.26	944.35
37.76	1.95	59.04	924.00
37.78	1.95	59.71	892.02
37.80	1.94	61.04	875.16
37.82	1.99	70.61	976.33
37.84	2.03	74.84	957.73
37.86	2.06	76.39	923.42
37.88	2.04	77.50	869.93
37.90	2.06	77.50	830.40
37.92	2.09	77.72	808.30
37.94	2.13	76.39	816.44
37.96	2.18	74.39	786.79
37.98	2.20	71.27	768.18
38.00	2.25	69.50	755.97
38.02	2.32	68.83	730.39
38.04	2.36	69.05	694.34
38.06	2.36	71.49	672.25
38.08	2.38	71.71	621.08
38.10	2.39	71.71	583.87
38.12	2.38	73.71	548.98
38.14	2.39	75.71	545.50
38.16	2.39	77.27	551.31
38.18	2.41	76.60	556.54
38.20	2.37	79.49	614.10
38.22	2.39	79.04	601.31
38.24	2.39	77.27	571.08
38.26	2.38	76.15	571.08
38.28	2.34	75.71	587.36
38.30	2.31	75.04	622.82
38.32	2.29	72.82	581.54
38.34	2.24	74.15	551.31
38.36	2.19	74.15	553.63
38.38	2.19	75.04	590.26
38.40	2.24	73.71	635.61
38.42	2.31	70.82	645.50
38.44	2.34	67.93	600.15
38.46	2.27	71.71	581.54
38.48	2.27	70.60	598.40
38.50	2.31	71.71	633.87

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	2.37	72.37	634.45
38.54	2.41	76.15	661.78
38.56	2.47	79.48	680.39
38.58	2.55	82.82	717.01
38.60	2.58	81.04	656.55
38.62	2.56	84.15	638.52
38.64	2.56	84.15	638.52
38.66	2.55	89.04	472.81
38.68	2.55	89.93	472.81
38.70	2.55	91.03	413.51
38.72	2.55	91.03	413.51
38.74	2.54	97.03	345.48
38.76	2.54	97.03	345.48
38.78	2.56	95.92	318.16
38.80	2.23	105.69	797.25
38.82	2.37	115.47	822.25
38.84	2.43	114.36	858.30
38.86	2.43	112.36	882.14
38.88	2.38	111.02	917.03
38.90	2.38	108.13	934.47
38.92	2.26	97.69	928.66
38.94	2.23	101.02	939.70
38.96	2.16	103.68	932.72
38.98	2.14	109.46	908.89
39.00	2.16	109.46	888.54
39.02	2.13	106.79	865.86
39.04	2.10	103.90	835.05
39.06	2.07	99.46	803.07
39.08	2.09	96.12	796.09
39.10	2.09	93.90	796.67
39.12	2.12	94.12	809.46
39.14	2.10	92.35	783.88
39.16	2.11	90.12	776.32
39.18	2.11	88.79	754.81
39.20	2.11	88.35	767.02
39.22	2.14	87.46	775.16
39.24	2.19	87.24	786.79
39.26	2.19	85.24	790.86
39.28	2.17	83.90	780.97
39.30	2.18	81.46	737.37
39.32	2.19	79.02	680.39
39.34	2.21	76.57	668.76
39.36	2.22	74.79	658.87
39.38	2.23	71.68	643.76
39.40	2.26	69.91	607.12
39.42	2.28	69.46	590.26
39.44	2.23	69.02	578.63
39.46	2.26	70.35	589.10
39.48	2.29	70.58	598.40
39.50	2.26	70.13	562.94





# PROVA PENETROMETRICA STATICA

secondo Raccomandazioni AGI (1977)

Data	apr-07	Certificato N°	C01475	COMM.	004CM07	PAG.	1	DI	2	Verbale di accettazione C004/07
Sperimentatore	P. I. E. Calore			Il Direttore	Dott. Geol. V. Vicenzetto					

COMMITTENTE: AUTOSTRADA DEL BRENNERO S. p. A.

CANTIERE: TERZA CORSIA A22, TRATTO VERONA - MODENA

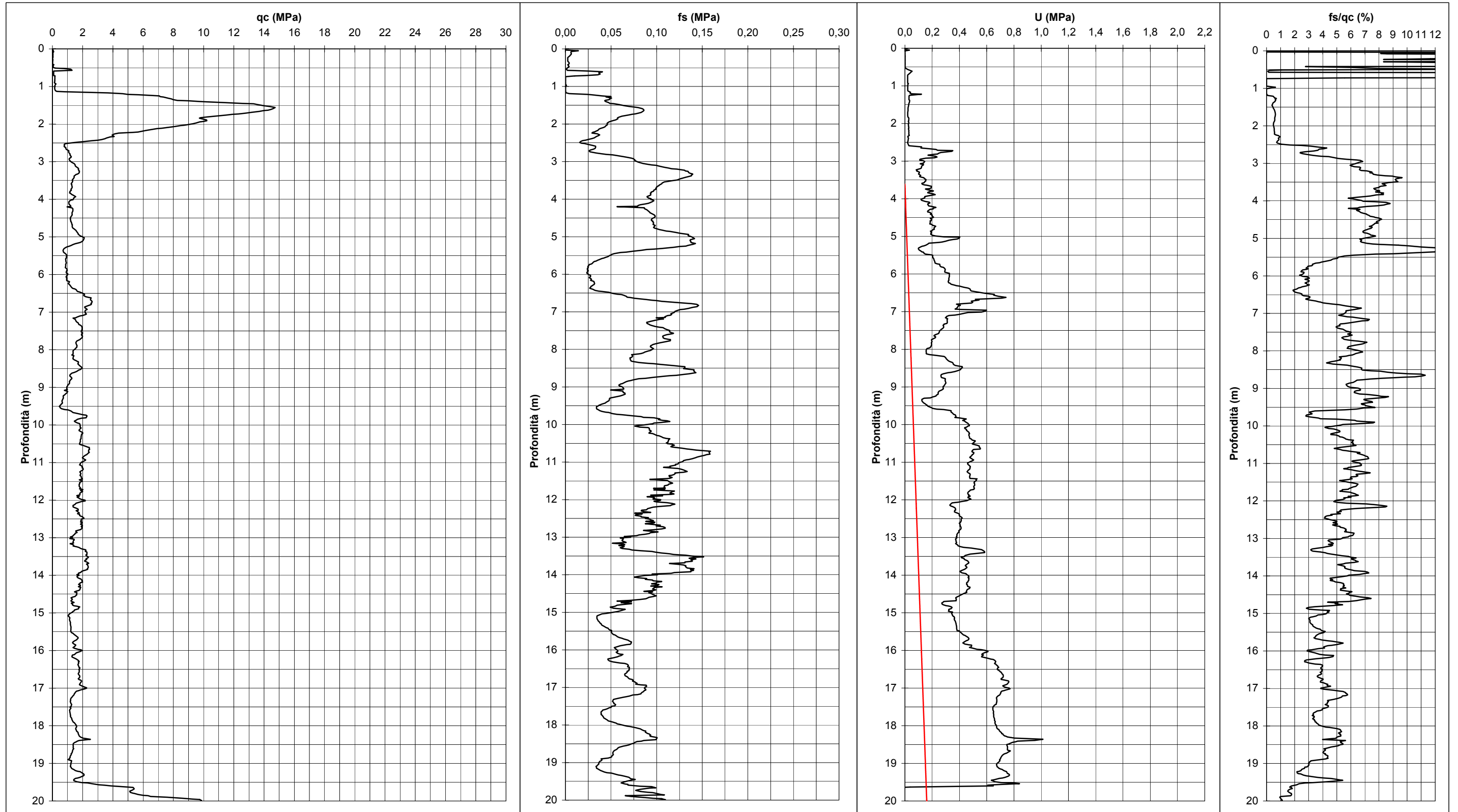
PROVA N°: CPT 9      DATA PROVA: 21/03/2007      OPERATORE: P.I. E. CALORE

Punta M 18      Quota p.c.: - m.s.l.m.      Coordinate X - Y -

Preforo - m      Livello acqua 3.60 m da p.c.      Profondità finale 25,00 m da p.c.

NOTE -

VICENZETTO S.r.l. 35040 VILLA ESTENSE (PD) VIA MUNICIPIO N° 18 TEL. 0429/91798 FAX 0429/91200







# PROVA PENETROMETRICA STATICA

secondo Raccomandazioni AGI (1977)

Data	apr-07	Certificato N°	C01475	COMM.	004CM07	PAG.	2	DI	2	Verbale di accettazione
Sperimentatore	P. I. E. Calore			Il Direttore	Dott. Geol. V. Vicenzetto			C004/07		

COMMITTENTE: AUTOSTRADA DEL BRENNERO S. p. A.

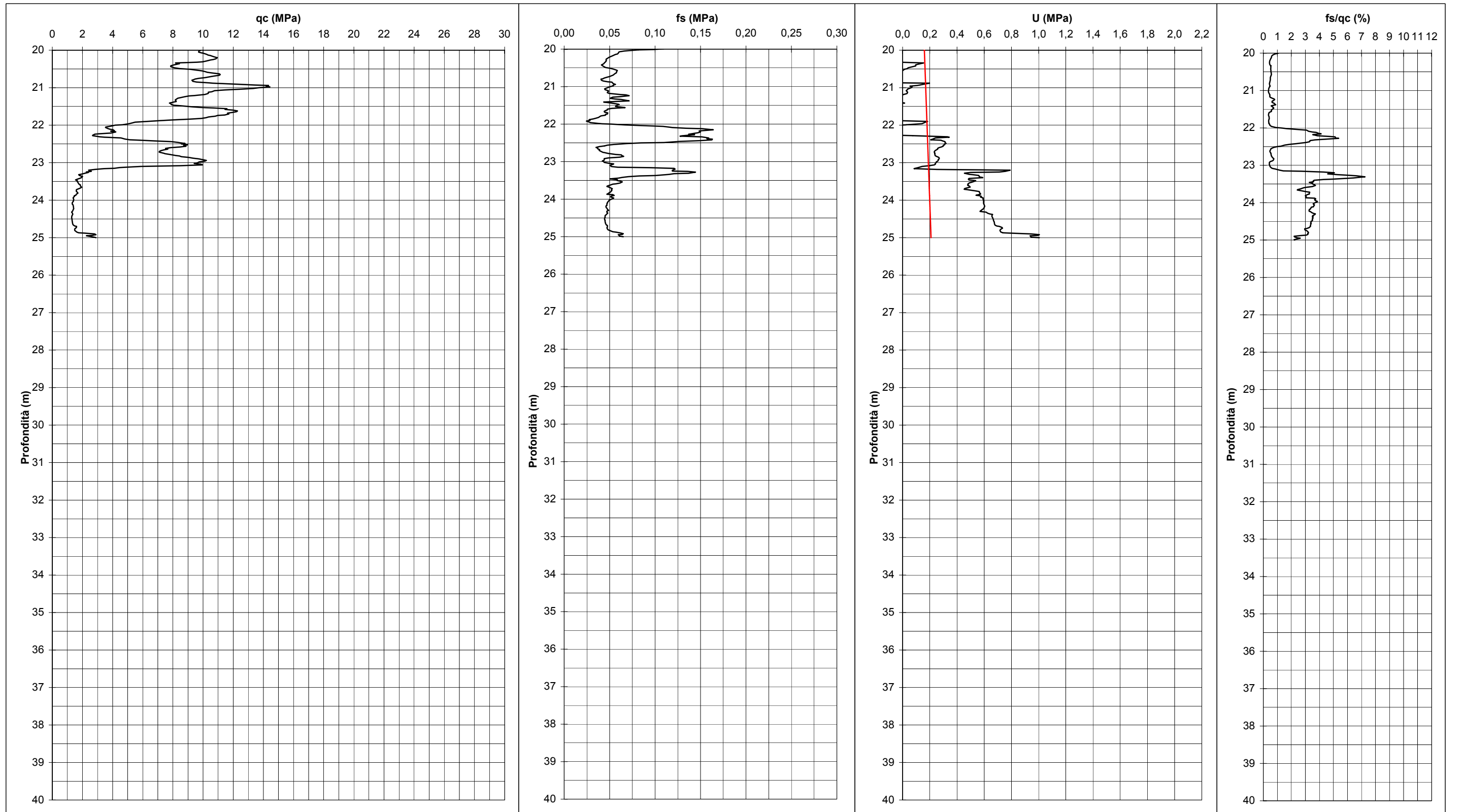
CANTIERE: TERZA CORSIA A22, TRATTO VERONA - MODENA

PROVA N°: CPT 9      DATA PROVA: 21/03/2007      OPERATORE: P.I. E. CALORE

Punta	M 18	Quota p.c.:	-	m.s.l.m.	Coordinate	X	-	Y	-
Preforo	-	m	Livello acqua	3.60	m da p.c.	Profondità finale	25,00	m da p.c.	

NOTE: -

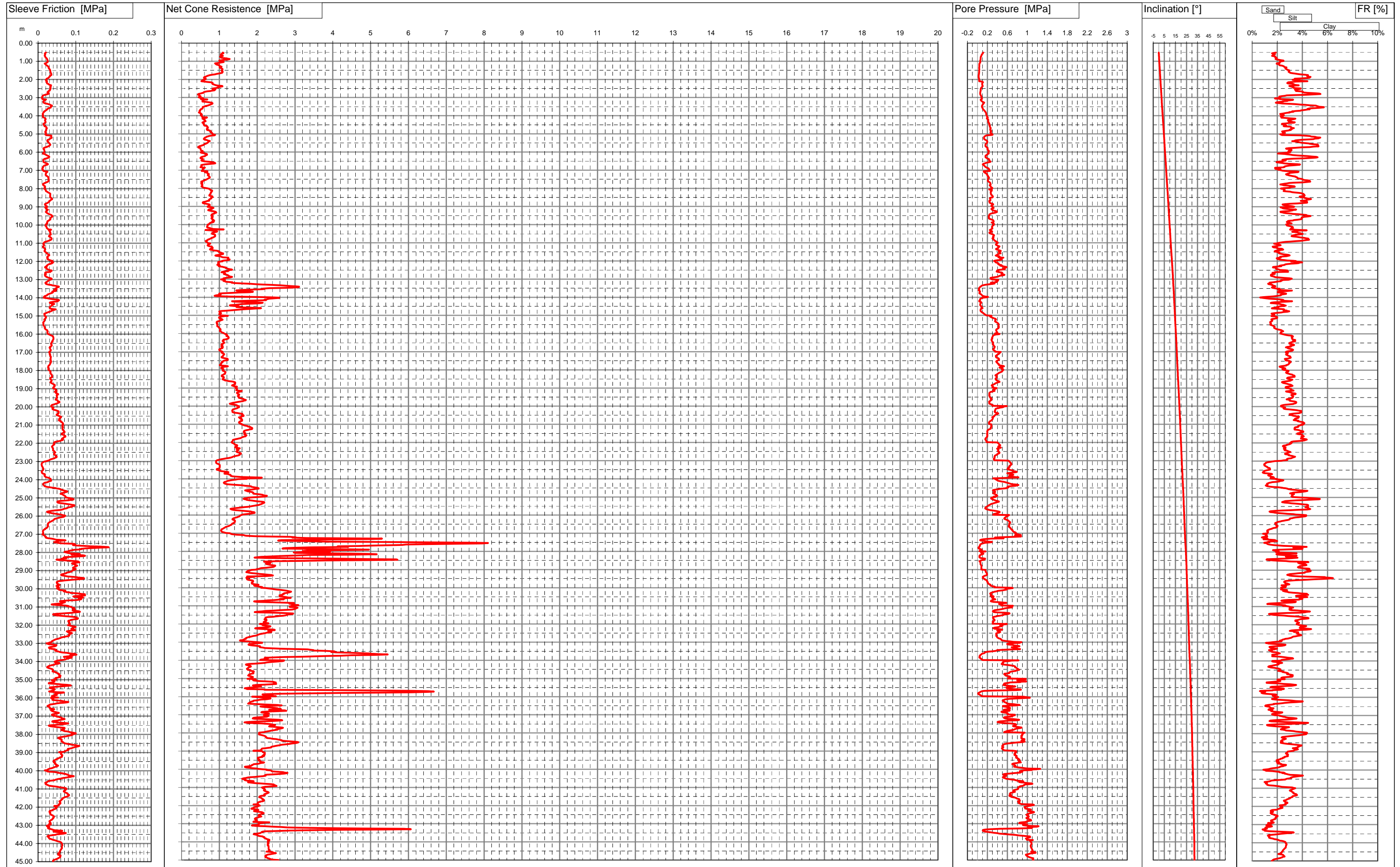
VICENZETTO S.r.l. 35040 VILLA ESTENSE (PD) VIA MUNICIPIO N° 18 TEL. 0429/91798 FAX 0429/91200



Committente AUTOSTRADA DEL BRENNERO SPA  
 Località CAMPOGALLIANO  
 Cantiere SOVRAPASSO N°141  
 Operatore dr.STANZANI  
 Prova nr. 2 Cert. N. 91/2012  
 Data 09/03/12 Emesso il 09/03/12  
 Falda 1.40 ml  
 Preforo 0.50 m. p.c.

MO-CPTU13


  
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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	1.09	20.92	116.40
0.54	1.11	20.03	109.42
0.56	1.11	17.81	109.42
0.58	1.09	18.03	102.45
0.60	1.06	18.04	96.63
0.62	1.04	19.15	90.82
0.64	1.05	18.71	85.59
0.66	1.05	18.04	82.10
0.68	1.06	17.60	81.51
0.70	1.09	17.60	79.19
0.72	1.05	18.49	74.54
0.74	1.02	19.16	69.89
0.76	1.02	18.94	67.56
0.78	1.04	19.38	66.40
0.80	1.04	20.50	65.81
0.82	1.09	21.83	65.23
0.84	1.16	22.72	65.81
0.86	1.23	23.61	65.81
0.88	1.27	24.06	65.81
0.90	1.23	24.73	64.07
0.92	1.15	24.73	61.16
0.94	1.05	24.73	58.26
0.96	0.99	25.40	55.35
0.98	1.01	25.84	55.35
1.00	1.05	25.40	56.51
1.02	1.10	25.18	57.68
1.04	1.12	25.40	58.26
1.06	1.07	24.07	55.93
1.08	1.03	22.51	53.02
1.10	0.94	21.18	50.12
1.12	0.89	17.67	40.81
1.14	0.91	18.11	39.65
1.16	0.91	19.89	38.49
1.18	0.93	20.33	37.90
1.20	0.96	21.22	37.90
1.22	1.00	22.33	37.90
1.24	1.00	24.33	37.90
1.26	1.02	25.44	37.32
1.28	1.03	26.78	36.74
1.30	1.06	27.67	36.74
1.32	1.05	27.67	36.16
1.34	1.01	28.33	35.58
1.36	1.02	27.89	35.58
1.38	1.05	28.78	35.58
1.40	1.06	28.78	35.58
1.42	1.08	29.89	36.16
1.44	1.08	30.33	36.74
1.46	1.08	31.44	36.74
1.48	1.08	31.44	36.16
1.50	1.06	32.33	35.00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	1.06	32.11	35.00
1.54	1.07	32.33	34.42
1.56	1.07	32.56	34.42
1.58	1.09	32.56	34.42
1.60	1.08	33.00	33.84
1.62	1.08	33.67	33.84
1.64	1.07	33.44	32.68
1.66	1.02	34.11	32.09
1.68	0.97	34.55	31.51
1.70	0.93	35.22	30.35
1.72	0.89	35.22	29.19
1.74	0.82	35.44	27.44
1.76	0.76	35.22	25.70
1.78	0.72	33.67	25.70
1.80	0.70	32.33	25.11
1.82	0.67	30.55	25.70
1.84	0.66	30.55	25.70
1.86	0.61	29.88	25.11
1.88	0.60	28.77	25.70
1.90	0.59	28.33	26.86
1.92	0.59	27.22	28.60
1.94	0.61	24.99	30.93
1.96	0.64	22.55	32.68
1.98	0.64	22.99	34.42
2.00	0.61	21.66	35.00
2.02	0.61	20.33	35.00
2.04	0.57	22.32	34.42
2.06	0.55	21.21	34.42
2.08	0.53	22.77	34.42
2.10	0.52	24.10	35.00
2.12	0.60	21.66	97.80
2.14	0.70	22.77	105.35
2.16	0.78	22.99	112.33
2.18	0.80	23.43	104.19
2.20	0.83	23.65	98.96
2.22	0.82	24.10	96.05
2.24	0.82	26.77	95.47
2.26	0.83	28.32	95.47
2.28	0.85	28.77	95.47
2.30	0.88	30.99	97.80
2.32	0.90	34.77	98.96
2.34	0.97	33.87	103.61
2.36	1.07	32.76	106.51
2.38	1.09	33.87	103.03
2.40	1.04	33.65	97.21
2.42	1.01	33.43	90.23
2.44	0.95	32.54	83.26
2.46	0.95	32.32	78.02
2.48	0.90	32.54	73.38
2.50	0.83	33.65	68.72

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.82	32.76	66.98
2.54	0.82	31.42	65.81
2.56	0.90	31.65	66.40
2.58	0.84	31.20	64.65
2.60	0.88	31.42	67.56
2.62	0.80	28.97	64.07
2.64	0.77	27.64	65.23
2.66	0.68	28.31	61.75
2.68	0.62	26.31	60.00
2.70	0.59	24.75	57.68
2.72	0.58	24.97	56.51
2.74	0.58	26.52	54.77
2.76	0.54	28.52	54.19
2.78	0.50	28.30	54.19
2.80	0.46	26.30	54.19
2.82	0.43	22.96	56.51
2.84	0.43	19.41	60.58
2.86	0.46	16.07	64.65
2.88	0.47	13.18	67.56
2.90	0.48	12.74	72.21
2.92	0.50	12.07	75.70
2.94	0.51	11.18	78.60
2.96	0.48	10.52	77.44
2.98	0.45	10.51	76.28
3.00	0.46	10.51	80.35
3.02	0.52	11.62	84.42
3.04	0.57	10.51	91.98
3.06	0.53	11.40	91.40
3.08	0.51	11.62	93.14
3.10	0.68	20.94	66.98
3.12	0.57	19.38	64.65
3.14	0.55	17.60	67.56
3.16	0.55	16.05	71.63
3.18	0.56	16.27	79.19
3.20	0.57	14.27	87.33
3.22	0.55	14.05	94.30
3.24	0.64	14.05	105.93
3.26	0.73	14.49	120.47
3.28	0.79	15.16	135.59
3.30	0.81	17.38	132.10
3.32	0.82	20.27	125.12
3.34	0.81	24.71	119.30
3.36	0.79	27.82	114.66
3.38	0.78	30.93	108.84
3.40	0.75	32.93	103.61
3.42	0.72	34.71	98.96
3.44	0.69	36.93	94.89
3.46	0.66	35.82	91.40
3.48	0.61	34.04	89.65
3.50	0.60	33.37	90.23

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	0.56	33.82	91.40
3.54	0.56	33.82	95.47
3.56	0.56	31.37	99.54
3.58	0.56	28.70	103.61
3.60	0.55	26.04	105.35
3.62	0.55	25.15	108.26
3.64	0.51	24.70	112.91
3.66	0.50	22.70	119.30
3.68	0.50	21.81	126.87
3.70	0.50	20.25	132.68
3.72	0.48	19.14	137.91
3.74	0.49	17.59	145.47
3.76	0.49	16.03	151.29
3.78	0.48	16.25	157.68
3.80	0.48	14.47	161.75
3.82	0.46	14.03	165.82
3.84	0.48	13.58	169.31
3.86	0.50	13.14	173.38
3.88	0.51	12.69	175.12
3.90	0.53	12.02	176.87
3.92	0.51	12.91	176.29
3.94	0.54	12.91	176.29
3.96	0.53	13.58	178.03
3.98	0.51	13.13	183.26
4.00	0.53	12.69	187.33
4.02	0.54	12.46	190.82
4.04	0.54	12.69	193.73
4.06	0.55	13.13	195.48
4.08	0.55	13.80	200.12
4.10	0.67	16.01	207.69
4.12	0.64	17.34	192.57
4.14	0.60	18.67	187.33
4.16	0.55	19.78	190.82
4.18	0.59	20.23	201.29
4.20	0.59	19.34	210.59
4.22	0.60	19.12	217.57
4.24	0.62	18.00	216.99
4.26	0.61	18.67	215.24
4.28	0.62	18.67	216.40
4.30	0.64	19.11	218.15
4.32	0.61	19.78	218.73
4.34	0.60	19.34	215.24
4.36	0.56	19.78	216.40
4.38	0.55	18.89	225.71
4.40	0.56	16.89	230.36
4.42	0.58	16.00	236.18
4.44	0.59	14.44	239.08
4.46	0.59	14.44	234.43
4.48	0.58	15.55	235.59
4.50	0.59	15.33	236.18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.60	16.22	241.99
4.54	0.60	16.88	250.13
4.56	0.66	16.88	251.29
4.58	0.68	17.77	246.64
4.60	0.68	21.10	247.80
4.62	0.68	21.77	250.71
4.64	0.70	22.44	256.52
4.66	0.70	22.66	263.50
4.68	0.68	23.33	266.41
4.70	0.68	22.44	266.41
4.72	0.68	21.55	255.94
4.74	0.67	21.77	256.52
4.76	0.70	21.55	261.76
4.78	0.68	21.54	254.20
4.80	0.71	21.32	259.43
4.82	0.75	21.54	272.80
4.84	0.75	19.99	275.13
4.86	0.78	19.10	270.48
4.88	0.77	19.76	273.39
4.90	0.76	18.87	262.92
4.92	0.77	20.21	260.01
4.94	0.79	21.32	258.85
4.96	0.81	21.09	269.31
4.98	0.81	20.43	277.46
5.00	0.81	20.43	289.09
5.02	0.84	19.09	296.64
5.04	0.85	20.20	305.36
5.06	0.89	21.53	295.48
5.08	0.87	34.85	185.01
5.10	0.77	35.30	168.73
5.12	0.72	34.85	154.78
5.14	0.70	34.41	143.73
5.16	0.66	35.07	136.75
5.18	0.65	35.29	133.84
5.20	0.63	36.18	132.10
5.22	0.62	35.07	130.35
5.24	0.60	33.29	129.77
5.26	0.60	31.29	129.77
5.28	0.59	30.18	134.42
5.30	0.60	28.40	144.31
5.32	0.62	25.96	153.61
5.34	0.66	24.63	166.40
5.36	0.70	24.63	178.03
5.38	0.72	25.29	191.40
5.40	0.75	24.62	192.57
5.42	0.72	26.40	196.06
5.44	0.72	27.29	200.12
5.46	0.70	27.29	197.22
5.48	0.69	28.40	194.31
5.50	0.68	29.51	190.24

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.65	30.84	182.10
5.54	0.65	31.07	174.54
5.56	0.62	31.51	168.15
5.58	0.59	32.84	164.08
5.60	0.59	32.40	161.17
5.62	0.57	31.28	161.75
5.64	0.54	29.95	161.17
5.66	0.52	28.17	160.00
5.68	0.47	26.39	162.33
5.70	0.46	23.73	169.31
5.72	0.44	21.28	178.61
5.74	0.44	17.95	188.50
5.76	0.45	15.95	197.22
5.78	0.49	14.84	204.78
5.80	0.50	13.95	204.20
5.82	0.50	14.39	205.94
5.84	0.50	15.50	202.45
5.86	0.50	16.17	200.12
5.88	0.50	16.39	207.10
5.90	0.51	16.61	215.82
5.92	0.53	16.84	224.55
5.94	0.56	16.61	230.94
5.96	0.56	16.84	231.52
5.98	0.57	16.84	225.13
6.00	0.54	16.84	218.73
6.02	0.50	15.28	219.31
6.04	0.53	13.72	219.90
6.06	0.57	13.05	226.29
6.08	0.62	13.06	228.03
6.10	0.65	17.50	211.75
6.12	0.68	19.28	204.78
6.14	0.65	20.83	194.31
6.16	0.68	22.39	184.43
6.18	0.64	24.17	173.96
6.20	0.63	26.61	164.08
6.22	0.62	28.61	161.75
6.24	0.59	29.50	160.59
6.26	0.56	29.94	160.59
6.28	0.52	28.83	162.33
6.30	0.51	27.50	165.82
6.32	0.50	25.05	177.45
6.34	0.50	21.50	190.82
6.36	0.52	17.94	204.20
6.38	0.57	15.94	221.06
6.40	0.57	15.05	236.18
6.42	0.57	13.94	233.85
6.44	0.56	14.16	228.03
6.46	0.52	14.38	235.59
6.48	0.53	13.94	239.66
6.50	0.57	14.16	248.97

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.64	14.16	261.18
6.54	0.74	14.83	261.76
6.56	0.82	16.16	226.29
6.58	0.86	19.27	193.73
6.60	0.88	21.72	172.80
6.62	0.89	23.72	155.94
6.64	0.85	25.27	130.35
6.66	0.71	26.38	113.49
6.68	0.62	24.61	108.26
6.70	0.55	21.49	111.75
6.72	0.52	17.94	121.63
6.74	0.52	15.94	130.93
6.76	0.53	15.05	139.66
6.78	0.53	14.38	147.21
6.80	0.52	13.72	155.36
6.82	0.51	13.49	161.17
6.84	0.50	12.61	169.89
6.86	0.62	11.49	184.43
6.88	0.59	11.27	202.45
6.90	0.59	11.05	223.38
6.92	0.59	11.05	227.45
6.94	0.55	12.83	225.71
6.96	0.57	11.72	235.59
6.98	0.57	12.61	239.08
7.00	0.57	13.49	242.57
7.02	0.57	13.94	243.15
7.04	0.53	15.05	250.71
7.06	0.68	24.83	124.54
7.08	0.64	24.61	126.87
7.10	0.62	23.49	132.10
7.12	0.62	21.49	139.66
7.14	0.68	21.05	153.03
7.16	0.68	21.05	165.82
7.18	0.70	20.38	172.22
7.20	0.71	20.38	184.43
7.22	0.73	20.16	195.48
7.24	0.71	19.94	193.73
7.26	0.70	20.38	196.64
7.28	0.70	21.27	197.22
7.30	0.71	22.61	203.03
7.32	0.73	24.16	210.59
7.34	0.73	25.94	214.66
7.36	0.74	26.38	214.66
7.38	0.75	27.71	222.80
7.40	0.75	27.71	229.20
7.42	0.74	27.71	232.69
7.44	0.73	27.27	228.03
7.46	0.71	27.71	218.73
7.48	0.68	28.38	214.66
7.50	0.67	28.16	211.75

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	0.65	27.49	211.75
7.54	0.63	27.71	210.59
7.56	0.61	28.38	211.17
7.58	0.58	28.16	210.01
7.60	0.56	26.60	209.43
7.62	0.53	25.71	216.99
7.64	0.52	23.93	228.03
7.66	0.52	21.71	239.66
7.68	0.55	19.04	249.55
7.70	0.55	16.82	256.52
7.72	0.53	15.04	257.10
7.74	0.52	13.71	259.43
7.76	0.53	12.82	262.34
7.78	0.55	12.60	264.66
7.80	0.55	13.49	261.76
7.82	0.55	14.15	249.55
7.84	0.55	15.93	244.31
7.86	0.55	17.93	254.20
7.88	0.53	18.37	261.76
7.90	0.53	18.60	265.25
7.92	0.55	17.93	267.57
7.94	0.56	17.27	273.97
7.96	0.57	17.71	287.34
7.98	0.63	16.38	300.71
8.00	0.69	16.15	293.15
8.02	0.73	18.38	289.09
8.04	0.74	18.60	275.13
8.06	0.76	20.16	235.59
8.08	0.76	20.16	255.94
8.10	0.77	20.16	281.52
8.12	0.80	20.82	290.83
8.14	0.81	20.82	286.76
8.16	0.80	22.82	274.55
8.18	0.79	24.82	266.99
8.20	0.79	25.93	264.66
8.22	0.79	27.49	263.50
8.24	0.77	29.93	268.15
8.26	0.77	31.27	269.31
8.28	0.77	32.16	272.22
8.30	0.77	32.82	269.90
8.32	0.76	32.38	269.90
8.34	0.75	32.38	276.29
8.36	0.75	32.38	278.04
8.38	0.74	32.15	283.27
8.40	0.74	31.93	296.06
8.42	0.76	31.93	301.88
8.44	0.81	31.93	307.69
8.46	0.82	32.38	312.34
8.48	0.82	32.82	308.85
8.50	0.79	34.38	294.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	0.79	34.60	263.50
8.54	0.79	35.71	251.87
8.56	0.79	37.04	246.64
8.58	0.76	37.26	253.03
8.60	0.75	35.71	255.94
8.62	0.74	33.71	260.01
8.64	0.72	32.60	261.76
8.66	0.72	32.37	261.18
8.68	0.73	29.48	241.40
8.70	0.68	29.71	237.34
8.72	0.65	29.48	245.48
8.74	0.62	28.15	242.57
8.76	0.57	26.15	240.82
8.78	0.56	25.71	241.40
8.80	0.56	23.93	246.64
8.82	0.57	21.48	262.92
8.84	0.62	19.26	287.34
8.86	0.67	17.93	305.36
8.88	0.72	17.93	318.74
8.90	0.74	18.82	314.09
8.92	0.75	19.71	297.22
8.94	0.75	21.04	283.85
8.96	0.72	22.37	278.04
8.98	0.72	23.93	280.94
9.00	0.69	23.93	291.41
9.02	0.69	23.71	305.36
9.04	0.80	18.60	308.27
9.06	0.81	20.82	311.18
9.08	0.85	20.82	325.13
9.10	0.82	21.27	313.50
9.12	0.81	22.60	288.50
9.14	0.77	24.16	277.46
9.16	0.73	26.38	286.76
9.18	0.73	24.82	301.88
9.20	0.70	23.49	301.88
9.22	0.73	23.27	312.34
9.24	0.77	23.27	348.39
9.26	0.85	21.49	379.79
9.28	0.88	20.16	388.51
9.30	0.91	21.04	390.25
9.32	0.91	22.60	376.88
9.34	0.92	23.93	362.34
9.36	0.89	24.82	322.22
9.38	0.86	27.49	289.67
9.40	0.86	28.82	262.92
9.42	0.81	31.27	252.45
9.44	0.80	33.71	240.24
9.46	0.79	35.71	238.50
9.48	0.81	36.38	237.34
9.50	0.80	37.49	232.10

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	0.79	38.60	226.29
9.54	0.80	37.27	226.87
9.56	0.82	35.71	226.87
9.58	0.82	34.38	231.52
9.60	0.82	33.71	234.43
9.62	0.80	32.82	231.52
9.64	0.79	32.60	226.87
9.66	0.79	32.60	229.20
9.68	0.80	32.82	246.06
9.70	0.82	32.60	265.25
9.72	0.82	30.37	280.94
9.74	0.84	29.04	303.04
9.76	0.84	28.15	316.99
9.78	0.87	25.93	319.90
9.80	0.84	24.60	321.06
9.82	0.81	24.82	325.13
9.84	0.86	24.15	327.46
9.86	0.84	24.15	321.06
9.88	0.80	23.49	285.60
9.90	0.76	23.49	300.13
9.92	0.76	24.60	308.85
9.94	0.74	22.15	318.16
9.96	0.74	21.26	332.69
9.98	0.72	20.15	330.95
10.00	0.69	20.15	327.46
10.02	0.69	19.71	327.46
10.04	0.70	19.71	316.41
10.06	0.70	21.05	301.88
10.08	0.68	21.49	297.80
10.10	0.67	22.16	296.64
10.12	0.67	22.16	289.67
10.14	0.67	22.60	289.09
10.16	0.68	22.83	291.99
10.18	0.74	23.94	297.80
10.20	0.76	24.83	298.97
10.22	0.81	25.71	300.13
10.24	0.80	27.49	283.27
10.26	1.12	34.60	272.80
10.28	0.79	29.72	261.18
10.30	0.63	28.60	248.97
10.32	0.81	31.49	255.36
10.34	0.83	30.16	263.50
10.36	0.88	31.27	290.25
10.38	0.95	31.05	294.90
10.40	0.91	32.60	272.80
10.42	0.87	32.60	257.10
10.44	0.85	32.16	240.24
10.46	0.81	32.38	241.99
10.48	0.80	32.60	254.20
10.50	0.80	33.71	273.39

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	0.83	33.71	289.09
10.54	0.87	32.60	308.27
10.56	0.89	31.27	322.22
10.58	0.89	29.93	332.11
10.60	0.89	29.04	332.11
10.62	0.89	28.82	323.97
10.64	0.89	30.16	315.25
10.66	0.88	32.16	319.32
10.68	0.86	33.27	316.99
10.70	0.85	34.38	322.80
10.72	0.80	35.04	316.99
10.74	0.80	35.93	305.95
10.76	0.77	35.93	297.80
10.78	0.76	35.27	309.43
10.80	0.74	34.82	321.06
10.82	0.70	33.49	328.04
10.84	0.69	31.27	332.11
10.86	0.68	28.82	334.43
10.88	0.65	26.15	344.32
10.90	0.64	23.27	359.44
10.92	0.64	20.15	370.49
10.94	0.65	17.71	378.62
10.96	0.67	16.38	392.00
10.98	0.68	15.49	406.53
11.00	0.69	14.38	407.70
11.02	0.69	14.16	404.79
11.04	0.76	13.49	385.60
11.06	0.75	15.05	380.95
11.08	0.73	15.49	370.49
11.10	0.71	15.94	367.58
11.12	0.70	16.16	381.53
11.14	0.68	15.27	393.74
11.16	0.70	14.16	402.46
11.18	0.73	13.49	421.65
11.20	0.76	12.61	443.16
11.22	0.81	13.50	430.37
11.24	0.82	14.38	429.21
11.26	0.82	16.61	419.32
11.28	0.83	16.61	419.90
11.30	0.83	17.27	408.28
11.32	0.77	18.83	382.70
11.34	0.76	18.61	372.81
11.36	0.75	19.05	378.62
11.38	0.76	18.38	396.65
11.40	0.81	17.72	417.58
11.42	0.86	16.83	444.32
11.44	0.94	17.27	467.58
11.46	0.98	17.72	466.42
11.48	1.00	19.72	432.11
11.50	1.00	20.38	426.88

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	0.99	22.16	430.95
11.54	1.03	22.61	447.81
11.56	1.06	22.83	460.02
11.58	1.10	24.83	465.84
11.60	1.10	26.39	431.53
11.62	1.10	28.16	422.81
11.64	1.05	29.50	402.46
11.66	1.00	29.94	398.39
11.68	0.94	28.83	389.67
11.70	0.89	26.61	366.41
11.72	0.93	26.16	384.44
11.74	1.00	25.05	430.95
11.76	1.04	23.72	446.07
11.78	1.06	23.94	428.63
11.80	1.10	25.72	418.16
11.82	1.24	25.72	520.49
11.84	1.22	24.16	464.68
11.86	1.22	24.61	453.05
11.88	1.23	25.27	487.35
11.90	1.25	27.27	489.10
11.92	1.27	29.50	489.10
11.94	1.25	32.61	462.35
11.96	1.21	35.05	404.20
11.98	1.12	38.38	360.60
12.00	1.07	38.61	330.95
12.02	1.09	34.83	358.28
12.04	1.00	38.83	359.44
12.06	0.97	40.16	360.02
12.08	0.98	38.39	372.81
12.10	0.97	37.27	390.25
12.12	0.97	35.27	409.44
12.14	0.98	31.27	424.56
12.16	0.99	28.16	417.58
12.18	0.98	26.38	415.25
12.20	0.95	25.27	429.21
12.22	0.95	23.94	460.60
12.24	1.01	23.50	487.93
12.26	0.98	21.72	454.79
12.28	0.98	23.27	487.35
12.30	1.00	19.27	520.49
12.32	1.09	18.38	565.84
12.34	1.11	18.61	585.61
12.36	1.16	22.16	574.57
12.38	1.16	22.38	531.54
12.40	1.17	22.83	551.89
12.42	1.22	23.50	511.19
12.44	1.23	25.72	537.35
12.46	1.28	28.16	548.40
12.48	1.34	29.94	475.14
12.50	1.28	35.27	415.83

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.24	35.94	398.98
12.54	1.24	33.72	421.07
12.56	1.23	31.05	394.90
12.58	1.11	32.83	382.70
12.60	1.09	20.16	396.65
12.62	1.06	19.72	443.16
12.64	1.12	18.39	493.17
12.66	1.13	18.61	500.14
12.68	1.15	20.16	496.65
12.70	1.15	21.27	483.28
12.72	1.12	18.61	479.79
12.74	1.15	17.50	512.35
12.76	1.18	18.61	544.33
12.78	1.22	18.61	533.87
12.80	1.24	18.61	482.70
12.82	1.25	19.94	437.35
12.84	1.25	22.16	431.53
12.86	1.30	22.83	415.25
12.88	1.34	25.27	390.83
12.90	1.29	28.38	332.11
12.92	1.23	32.39	286.18
12.94	1.16	35.27	261.18
12.96	1.11	36.16	262.34
12.98	1.12	34.61	266.41
13.00	1.10	34.38	282.69
13.02	1.04	31.27	293.73
13.04	1.15	27.27	418.74
13.06	1.12	27.27	398.39
13.08	1.13	26.16	378.04
13.10	1.11	25.94	407.70
13.12	1.15	23.50	391.41
13.14	1.16	22.61	367.00
13.16	1.25	21.27	389.67
13.18	1.35	19.05	340.83
13.20	1.33	19.94	268.73
13.22	1.40	21.05	316.41
13.24	1.64	21.05	345.48
13.26	1.83	23.94	313.50
13.28	1.99	28.83	241.99
13.30	2.14	35.27	190.24
13.32	2.37	38.16	147.80
13.34	2.61	45.50	110.59
13.36	2.72	49.27	89.07
13.38	2.89	54.61	79.77
13.40	3.02	55.27	69.30
13.42	3.11	52.83	60.00
13.44	3.10	49.27	53.02
13.46	3.03	48.61	46.05
13.48	2.75	47.49	38.49
13.50	2.33	44.83	30.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	2.15	48.38	28.60
13.54	2.20	49.27	31.51
13.56	2.13	44.38	36.74
13.58	1.79	41.27	32.09
13.60	1.60	42.60	25.70
13.62	1.45	47.27	26.86
13.64	1.47	42.16	37.90
13.66	1.67	37.49	47.79
13.68	1.83	38.82	51.86
13.70	1.89	39.27	51.86
13.72	1.81	38.38	50.70
13.74	1.53	36.38	42.56
13.76	1.28	33.26	37.32
13.78	1.09	30.37	39.65
13.80	1.00	27.71	48.95
13.82	1.00	25.04	62.33
13.84	1.04	24.15	73.38
13.86	1.00	23.71	81.51
13.88	0.96	22.15	89.07
13.90	0.91	19.04	94.89
13.92	0.88	16.82	103.03
13.94	0.94	16.15	119.30
13.96	1.29	15.04	161.75
13.98	1.82	15.48	212.33
14.00	2.36	15.04	179.20
14.02	2.56	22.59	120.47
14.04	2.58	27.71	97.21
14.06	2.42	32.82	75.12
14.08	2.32	41.04	62.33
14.10	2.27	49.49	54.19
14.12	2.23	54.82	52.44
14.14	2.19	55.93	53.02
14.16	2.24	53.04	54.19
14.18	1.99	50.82	46.05
14.20	1.58	52.16	34.42
14.22	1.33	40.16	33.84
14.24	1.40	35.04	46.63
14.26	1.70	31.04	64.07
14.28	1.97	31.27	78.60
14.30	2.15	32.15	78.02
14.32	2.12	37.71	72.79
14.34	1.99	43.04	62.33
14.36	1.75	40.15	58.26
14.38	1.59	37.49	56.51
14.40	1.49	38.37	54.19
14.42	1.40	36.15	55.93
14.44	1.28	35.26	56.51
14.46	1.28	33.71	60.58
14.48	1.40	33.26	70.47
14.50	1.52	31.48	81.51

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.51	30.15	79.77
14.54	1.45	31.04	77.44
14.56	1.59	30.82	87.91
14.58	1.95	31.26	99.54
14.60	2.10	33.48	102.45
14.62	2.01	39.70	88.49
14.64	1.82	46.82	71.63
14.66	1.67	43.70	65.23
14.68	1.52	39.48	64.65
14.70	1.42	36.15	64.07
14.72	1.29	36.37	62.91
14.74	1.18	33.48	62.33
14.76	1.05	31.93	63.49
14.78	0.99	28.59	69.89
14.80	1.01	25.70	78.60
14.82	1.01	23.70	87.33
14.84	1.03	21.26	98.96
14.86	1.04	19.03	109.42
14.88	1.05	16.37	120.47
14.90	1.03	16.15	128.61
14.92	0.99	16.82	136.17
14.94	0.99	17.93	147.80
14.96	1.03	17.70	160.00
14.98	1.04	17.70	169.89
15.00	1.04	17.70	177.45
15.02	1.23	19.04	283.27
15.04	1.13	21.27	254.78
15.06	1.06	21.04	254.78
15.08	1.03	21.04	262.92
15.10	1.00	20.16	276.29
15.12	0.99	20.16	291.99
15.14	1.00	19.71	311.18
15.16	1.01	18.60	333.27
15.18	1.03	16.82	354.20
15.20	1.06	16.38	364.67
15.22	1.06	17.27	374.55
15.24	1.09	17.27	368.74
15.26	1.05	17.27	357.69
15.28	1.03	16.60	361.76
15.30	1.01	16.16	355.95
15.32	0.98	15.05	349.55
15.34	0.95	13.94	357.69
15.36	0.93	13.49	368.74
15.38	0.92	13.49	385.60
15.40	0.93	13.72	394.90
15.42	0.93	14.16	408.86
15.44	0.95	14.16	410.60
15.46	0.93	14.16	418.16
15.48	0.95	13.94	426.88
15.50	0.95	13.94	424.56

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	0.95	14.83	421.65
15.54	0.95	15.49	423.98
15.56	0.95	16.38	425.72
15.58	0.95	16.61	422.81
15.60	0.95	17.27	418.16
15.62	0.97	17.50	427.46
15.64	0.98	17.50	429.79
15.66	0.99	17.50	428.05
15.68	0.99	17.94	422.23
15.70	1.00	18.83	421.07
15.72	1.01	19.27	414.09
15.74	1.01	20.38	399.56
15.76	1.03	21.72	386.18
15.78	1.03	23.72	378.04
15.80	1.03	24.83	374.55
15.82	1.03	24.83	375.72
15.84	1.01	25.27	373.39
15.86	1.01	25.72	380.95
15.88	1.03	24.83	384.44
15.90	1.04	24.61	388.51
15.92	1.06	24.61	390.83
15.94	1.07	25.27	400.14
15.96	1.10	25.27	397.81
15.98	1.12	25.72	373.39
16.00	1.13	27.05	350.71
16.02	1.15	29.50	443.16
16.04	1.19	31.28	400.72
16.06	1.19	33.27	361.76
16.08	1.21	35.94	333.27
16.10	1.19	38.61	316.99
16.12	1.19	39.50	314.09
16.14	1.19	39.94	308.27
16.16	1.23	39.94	305.95
16.18	1.23	40.83	301.30
16.20	1.24	40.61	301.88
16.22	1.25	40.61	296.06
16.24	1.24	40.61	289.09
16.26	1.24	41.05	297.22
16.28	1.23	40.61	298.39
16.30	1.21	39.94	291.99
16.32	1.16	39.50	282.69
16.34	1.11	39.50	282.10
16.36	1.12	38.61	285.60
16.38	1.11	37.49	283.85
16.40	1.09	38.61	285.01
16.42	1.09	37.72	292.57
16.44	1.11	36.38	300.13
16.46	1.11	35.94	301.88
16.48	1.12	35.27	310.60
16.50	1.13	34.60	314.67

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.12	34.38	316.41
16.54	1.11	33.94	311.76
16.56	1.10	35.05	308.27
16.58	1.06	35.94	305.36
16.60	1.05	36.38	308.85
16.62	1.05	36.38	317.58
16.64	1.06	35.27	322.80
16.66	1.08	34.38	327.46
16.68	1.08	33.49	325.13
16.70	1.05	33.49	332.11
16.72	1.08	31.04	347.23
16.74	1.10	30.16	347.23
16.76	1.08	31.27	342.58
16.78	1.06	31.49	338.50
16.80	1.08	31.93	337.92
16.82	1.05	32.16	326.30
16.84	1.03	33.27	322.22
16.86	1.01	33.49	318.74
16.88	1.00	33.71	314.09
16.90	1.00	33.27	316.41
16.92	1.01	33.27	329.20
16.94	1.01	32.16	341.41
16.96	1.04	30.38	353.04
16.98	1.06	29.49	355.95
17.00	1.08	29.93	354.79
17.02	1.09	29.94	468.16
17.04	1.05	31.05	445.49
17.06	1.07	31.05	448.40
17.08	1.10	30.83	444.32
17.10	1.10	31.49	432.11
17.12	1.12	32.16	431.53
17.14	1.13	31.27	416.42
17.16	1.12	31.94	401.30
17.18	1.11	32.16	389.67
17.20	1.11	32.38	382.11
17.22	1.10	33.49	368.74
17.24	1.09	33.94	371.65
17.26	1.09	33.72	375.13
17.28	1.07	33.72	371.07
17.30	1.05	33.49	372.81
17.32	1.07	33.49	382.11
17.34	1.10	33.49	394.90
17.36	1.13	32.60	415.83
17.38	1.21	32.16	428.63
17.40	1.22	33.27	431.53
17.42	1.23	33.27	433.86
17.44	1.22	33.27	431.53
17.46	1.22	33.49	423.98
17.48	1.16	34.38	407.11
17.50	1.12	34.83	392.58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.10	34.38	384.44
17.54	1.09	33.94	375.72
17.56	1.06	33.71	379.79
17.58	1.09	32.83	389.67
17.60	1.06	32.60	390.25
17.62	1.05	32.16	403.62
17.64	1.04	31.49	403.62
17.66	1.05	31.49	409.44
17.68	1.04	31.05	427.46
17.70	1.03	29.94	430.37
17.72	1.03	28.83	425.14
17.74	1.01	28.16	430.95
17.76	1.04	27.27	464.10
17.78	1.17	27.27	507.12
17.80	1.23	27.27	533.29
17.82	1.17	26.38	511.19
17.84	1.12	26.60	472.81
17.86	1.08	27.04	446.65
17.88	1.05	27.71	440.84
17.90	1.04	28.38	476.89
17.92	1.06	27.27	507.70
17.94	1.10	27.05	504.80
17.96	1.11	27.71	497.23
17.98	1.11	28.60	487.93
18.00	1.10	30.38	520.49
18.02	1.09	31.50	499.56
18.04	1.09	32.61	502.47
18.06	1.11	32.83	498.40
18.08	1.13	33.27	497.82
18.10	1.15	32.83	487.35
18.12	1.16	32.16	471.65
18.14	1.16	32.38	452.47
18.16	1.15	32.83	435.60
18.18	1.15	33.72	423.98
18.20	1.15	34.83	412.93
18.22	1.15	35.94	405.37
18.24	1.12	36.83	395.49
18.26	1.11	36.83	383.86
18.28	1.09	36.83	368.16
18.30	1.07	37.05	360.02
18.32	1.07	37.27	366.41
18.34	1.07	37.27	375.13
18.36	1.07	37.27	385.02
18.38	1.11	35.27	393.74
18.40	1.12	32.83	392.00
18.42	1.12	32.61	383.86
18.44	1.12	31.94	380.95
18.46	1.11	31.94	371.65
18.48	1.10	32.60	361.76
18.50	1.09	34.38	361.18



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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.09	35.94	365.83
18.54	1.11	35.27	376.88
18.56	1.13	35.94	377.46
18.58	1.15	35.94	386.18
18.60	1.21	34.83	404.20
18.62	1.25	33.49	423.98
18.64	1.34	32.83	439.09
18.66	1.39	33.71	442.58
18.68	1.41	34.83	421.65
18.70	1.42	36.16	398.98
18.72	1.42	38.16	381.53
18.74	1.40	39.71	361.18
18.76	1.41	41.27	350.13
18.78	1.42	43.27	345.48
18.80	1.40	44.60	326.88
18.82	1.39	44.16	307.69
18.84	1.35	44.38	289.09
18.86	1.33	44.38	285.60
18.88	1.37	43.49	296.06
18.90	1.39	41.27	301.30
18.92	1.47	40.60	314.09
18.94	1.47	39.93	305.95
18.96	1.45	40.60	298.39
18.98	1.45	40.15	297.80
19.00	1.42	43.05	387.35
19.02	1.47	45.71	379.20
19.04	1.46	46.83	365.25
19.06	1.47	46.60	343.16
19.08	1.47	47.27	327.46
19.10	1.47	48.38	317.58
19.12	1.45	49.27	333.85
19.14	1.51	46.83	343.74
19.16	1.60	44.16	343.74
19.18	1.58	44.60	317.58
19.20	1.55	46.60	286.18
19.22	1.51	47.93	263.50
19.24	1.49	47.27	250.71
19.26	1.47	49.27	244.31
19.28	1.47	52.16	239.08
19.30	1.49	53.49	239.08
19.32	1.49	53.04	239.66
19.34	1.51	50.82	240.82
19.36	1.53	49.04	244.90
19.38	1.52	49.71	239.66
19.40	1.51	49.71	240.82
19.42	1.51	49.49	240.24
19.44	1.49	50.37	238.50
19.46	1.51	50.60	243.73
19.48	1.52	50.37	250.71
19.50	1.52	50.60	251.29

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.51	49.71	253.03
19.54	1.52	49.04	260.60
19.56	1.55	48.37	273.39
19.58	1.59	47.04	286.76
19.60	1.64	46.15	272.80
19.62	1.65	49.48	269.90
19.64	1.67	51.71	276.29
19.66	1.70	51.93	281.52
19.68	1.69	51.93	270.48
19.70	1.65	53.93	256.52
19.72	1.63	56.59	250.13
19.74	1.57	56.82	239.66
19.76	1.52	55.26	234.43
19.78	1.45	52.82	238.50
19.80	1.41	51.04	241.40
19.82	1.34	48.15	237.34
19.84	1.32	45.04	237.34
19.86	1.28	43.26	241.40
19.88	1.30	38.81	258.27
19.90	1.34	36.37	274.55
19.92	1.41	35.70	294.32
19.94	1.45	34.81	308.85
19.96	1.47	34.37	310.01
19.98	1.46	35.26	300.13
20.00	1.52	35.94	587.94
20.02	1.52	38.61	519.33
20.04	1.52	41.05	524.56
20.06	1.52	39.94	500.14
20.08	1.49	38.61	454.79
20.10	1.48	37.71	423.98
20.12	1.46	38.16	392.58
20.14	1.42	39.27	372.23
20.16	1.39	42.38	361.76
20.18	1.36	46.60	360.02
20.20	1.36	49.71	360.02
20.22	1.35	51.94	355.37
20.24	1.34	54.38	354.79
20.26	1.35	54.83	353.62
20.28	1.35	54.60	346.06
20.30	1.36	54.38	340.25
20.32	1.35	54.83	348.97
20.34	1.37	54.60	357.69
20.36	1.40	54.16	378.04
20.38	1.48	51.93	404.79
20.40	1.54	51.04	419.32
20.42	1.61	49.04	408.86
20.44	1.61	49.27	388.51
20.46	1.60	50.38	367.58
20.48	1.61	52.82	362.34
20.50	1.64	55.27	350.71

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.64	58.38	340.25
20.54	1.64	60.38	333.27
20.56	1.58	61.49	336.76
20.58	1.58	60.15	317.58
20.60	1.55	58.60	297.22
20.62	1.52	58.15	300.71
20.64	1.54	56.82	311.18
20.66	1.57	55.71	311.76
20.68	1.55	55.93	305.36
20.70	1.58	55.48	304.20
20.72	1.59	55.71	303.62
20.74	1.60	54.82	297.22
20.76	1.59	57.04	291.41
20.78	1.58	60.59	280.36
20.80	1.60	60.15	273.39
20.82	1.57	60.59	256.52
20.84	1.55	62.82	247.22
20.86	1.53	64.59	243.15
20.88	1.53	65.03	236.18
20.90	1.51	65.48	230.36
20.92	1.53	66.37	232.10
20.94	1.55	66.37	233.27
20.96	1.55	66.37	235.01
20.98	1.59	64.59	234.43
21.00	1.58	66.59	279.20
21.02	1.63	65.71	279.20
21.04	1.64	64.37	276.29
21.06	1.67	64.15	275.71
21.08	1.71	65.26	276.88
21.10	1.76	65.70	280.36
21.12	1.76	66.59	286.18
21.14	1.81	64.37	277.46
21.16	1.83	64.37	267.57
21.18	1.84	64.37	264.66
21.20	1.86	65.48	270.48
21.22	1.87	65.48	272.80
21.24	1.86	65.26	265.25
21.26	1.86	65.03	249.55
21.28	1.81	67.48	229.20
21.30	1.76	68.37	218.73
21.32	1.72	68.14	209.43
21.34	1.69	68.81	203.03
21.36	1.66	70.14	200.12
21.38	1.67	70.36	197.22
21.40	1.64	69.92	194.31
21.42	1.64	66.81	197.22
21.44	1.64	65.48	200.12
21.46	1.65	63.48	200.70
21.48	1.69	62.81	200.12
21.50	1.69	62.59	196.64

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Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.66	64.14	191.40
21.54	1.65	68.14	194.89
21.56	1.69	69.47	196.64
21.58	1.70	70.80	202.45
21.60	1.72	72.36	198.38
21.62	1.71	72.58	194.89
21.64	1.68	72.36	197.80
21.66	1.70	69.02	199.54
21.68	1.65	67.69	193.73
21.70	1.62	67.69	191.40
21.72	1.60	65.47	185.01
21.74	1.58	63.91	174.54
21.76	1.56	63.02	167.57
21.78	1.51	65.25	162.33
21.80	1.48	66.58	160.00
21.82	1.43	65.25	158.84
21.84	1.39	61.02	158.84
21.86	1.36	59.25	166.40
21.88	1.36	55.25	172.22
21.90	1.36	50.80	176.87
21.92	1.36	45.91	180.94
21.94	1.35	43.25	180.36
21.96	1.33	43.24	181.52
21.98	1.32	43.24	185.01
22.00	1.33	41.26	405.37
22.02	1.34	43.26	411.77
22.04	1.36	43.04	415.25
22.06	1.39	43.04	421.65
22.08	1.40	41.93	432.11
22.10	1.41	39.93	435.60
22.12	1.41	39.93	445.49
22.14	1.46	38.60	451.30
22.16	1.47	37.26	459.44
22.18	1.47	36.82	439.68
22.20	1.45	37.26	424.56
22.22	1.45	37.26	416.42
22.24	1.42	38.15	417.58
22.26	1.42	38.82	426.30
22.28	1.47	39.71	471.07
22.30	1.47	39.71	443.74
22.32	1.54	39.71	418.16
22.34	1.46	39.93	391.41
22.36	1.45	39.71	408.86
22.38	1.48	39.26	420.49
22.40	1.51	39.71	424.56
22.42	1.51	41.93	413.51
22.44	1.49	43.26	414.09
22.46	1.47	43.26	414.67
22.48	1.45	44.37	407.70
22.50	1.45	45.71	423.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.47	43.49	425.72
22.54	1.47	43.71	436.77
22.56	1.53	42.37	443.16
22.58	1.55	41.93	440.26
22.60	1.57	42.15	430.37
22.62	1.57	42.60	409.44
22.64	1.55	44.60	397.23
22.66	1.53	46.60	397.81
22.68	1.54	45.93	386.18
22.70	1.52	47.93	366.41
22.72	1.49	49.26	357.69
22.74	1.44	49.26	346.06
22.76	1.40	49.49	343.74
22.78	1.37	47.49	346.06
22.80	1.34	45.04	342.58
22.82	1.32	43.49	339.09
22.84	1.28	41.04	346.06
22.86	1.23	36.82	343.16
22.88	1.17	33.71	332.69
22.90	1.12	31.48	327.46
22.92	1.06	30.37	327.46
22.94	1.01	29.04	331.53
22.96	0.98	25.26	334.43
22.98	0.94	22.37	337.34
23.00	0.92	16.83	620.50
23.02	0.91	15.27	629.22
23.04	0.91	13.49	636.78
23.06	0.91	11.72	645.50
23.08	0.91	10.38	655.39
23.10	0.91	9.94	655.97
23.12	0.91	9.94	655.97
23.14	0.92	9.50	671.66
23.16	0.94	9.27	678.06
23.18	0.97	9.27	678.64
23.20	0.99	9.94	682.13
23.22	1.00	9.94	680.39
23.24	1.01	9.94	665.27
23.26	1.01	10.39	656.55
23.28	1.01	11.05	653.64
23.30	1.01	11.50	638.52
23.32	1.01	12.39	644.92
23.34	1.01	12.39	648.40
23.36	1.01	12.61	634.45
23.38	1.00	13.95	617.01
23.40	1.00	14.39	622.82
23.42	1.00	14.39	629.80
23.44	0.98	13.95	611.78
23.46	0.94	13.72	598.99
23.48	0.93	12.61	613.52
23.50	0.93	11.50	636.20

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	0.97	10.61	671.66
23.54	1.00	9.95	698.99
23.56	1.02	9.28	717.60
23.58	1.06	10.17	726.90
23.60	1.12	10.39	764.11
23.62	1.22	10.39	789.70
23.64	1.24	10.62	766.44
23.66	1.23	11.73	695.50
23.68	1.18	15.28	623.40
23.70	1.14	17.95	597.82
23.72	1.14	18.39	628.64
23.74	1.22	17.73	662.94
23.76	1.26	17.73	697.25
23.78	1.29	16.62	720.50
23.80	1.30	17.28	692.60
23.82	1.31	18.62	653.64
23.84	1.30	19.73	638.52
23.86	1.34	20.40	630.96
23.88	1.41	23.95	662.36
23.90	1.59	28.17	750.16
23.92	1.90	29.73	822.83
23.94	2.13	31.28	724.58
23.96	2.08	33.28	476.30
23.98	1.68	33.73	315.25
24.00	1.73	33.51	400.72
24.02	1.50	33.51	360.02
24.04	1.43	34.40	374.55
24.06	1.37	34.84	386.18
24.08	1.31	31.95	397.23
24.10	1.26	27.51	403.04
24.12	1.21	27.06	430.37
24.14	1.19	23.73	473.40
24.16	1.18	19.28	510.61
24.18	1.14	16.84	546.08
24.20	1.13	15.28	572.24
24.22	1.12	14.17	601.31
24.24	1.13	13.51	625.15
24.26	1.14	13.51	644.92
24.28	1.17	13.95	671.08
24.30	1.21	15.06	702.48
24.32	1.31	15.95	783.30
24.34	1.48	16.17	823.42
24.36	1.60	17.95	796.09
24.38	1.68	20.40	769.34
24.40	1.78	23.73	690.85
24.42	1.84	30.40	627.48
24.44	1.84	38.17	601.31
24.46	1.89	45.73	626.31
24.48	1.96	49.51	615.85
24.50	2.01	55.51	601.31

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	2.04	59.28	563.52
24.54	2.04	60.17	496.07
24.56	1.96	62.62	444.32
24.58	1.90	65.95	400.14
24.60	1.83	69.28	352.46
24.62	1.72	73.73	312.34
24.64	1.68	77.28	308.27
24.66	1.72	76.84	315.83
24.68	1.73	74.39	329.79
24.70	1.78	71.28	348.39
24.72	1.84	67.06	360.60
24.74	1.88	63.28	348.97
24.76	1.88	60.61	341.41
24.78	1.90	59.27	317.58
24.80	1.89	63.94	312.92
24.82	1.90	65.72	330.95
24.84	1.99	66.61	350.13
24.86	2.09	68.38	363.50
24.88	2.14	70.61	384.44
24.90	2.15	71.72	387.35
24.92	2.21	73.05	396.65
24.94	2.26	72.83	397.81
24.96	2.24	73.71	386.18
24.98	2.19	72.38	325.71
25.00	2.03	81.04	362.92
25.02	1.90	85.93	315.83
25.04	1.79	90.38	288.50
25.06	1.73	92.82	275.13
25.08	1.66	94.60	271.64
25.10	1.64	92.60	282.10
25.12	1.66	84.82	296.64
25.14	1.70	73.93	313.50
25.16	1.72	63.93	326.88
25.18	1.78	55.49	346.65
25.20	1.88	50.82	367.00
25.22	1.93	50.82	395.49
25.24	2.02	50.82	429.21
25.26	2.13	51.93	431.53
25.28	2.18	57.26	410.02
25.30	2.18	64.37	383.28
25.32	2.19	70.82	357.11
25.34	2.14	77.70	329.20
25.36	2.15	83.48	310.60
25.38	2.13	90.15	286.18
25.40	2.10	95.92	266.99
25.42	2.07	96.59	257.10
25.44	2.05	94.59	239.08
25.46	1.98	92.59	227.45
25.48	1.93	89.92	218.15
25.50	1.87	86.14	207.69

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.83	81.03	198.38
25.54	1.76	77.92	183.26
25.56	1.67	77.70	172.80
25.58	1.58	74.14	162.91
25.60	1.50	69.92	156.52
25.62	1.41	66.36	153.61
25.64	1.33	64.36	157.68
25.66	1.29	59.69	172.22
25.68	1.32	50.36	189.08
25.70	1.34	41.91	217.57
25.72	1.40	33.47	248.39
25.74	1.50	27.69	290.83
25.76	1.60	23.47	332.69
25.78	1.72	23.91	389.67
25.80	1.83	26.58	419.90
25.82	1.86	32.14	446.65
25.84	1.92	35.02	446.65
25.86	1.93	41.69	432.70
25.88	1.93	48.36	417.58
25.90	1.88	54.58	383.86
25.92	1.82	61.47	365.25
25.94	1.74	63.03	326.30
25.96	1.63	68.36	318.74
25.98	1.60	71.92	314.09
26.00	1.58	70.83	637.36
26.02	1.56	69.94	612.94
26.04	1.55	67.72	611.78
26.06	1.53	63.50	596.08
26.08	1.52	58.61	584.45
26.10	1.49	53.27	570.50
26.12	1.47	50.38	561.78
26.14	1.42	46.83	551.31
26.16	1.40	43.49	543.17
26.18	1.37	42.61	539.68
26.20	1.36	41.94	535.61
26.22	1.35	41.05	550.73
26.24	1.35	39.27	567.59
26.26	1.37	37.49	587.94
26.28	1.40	35.94	607.12
26.30	1.41	33.94	621.08
26.32	1.41	32.38	628.06
26.34	1.41	30.16	629.80
26.36	1.41	29.05	640.85
26.38	1.40	27.71	650.73
26.40	1.40	26.60	655.97
26.42	1.40	25.94	657.13
26.44	1.37	25.71	647.24
26.46	1.35	26.16	636.78
26.48	1.34	26.16	639.69
26.50	1.33	25.71	639.10

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.33	25.72	636.78
26.54	1.30	26.38	632.71
26.56	1.28	26.61	639.10
26.58	1.27	25.27	636.78
26.60	1.25	24.83	633.29
26.62	1.22	24.83	625.15
26.64	1.18	23.49	629.22
26.66	1.16	22.38	640.85
26.68	1.15	20.16	651.31
26.70	1.13	18.38	660.62
26.72	1.12	17.94	658.87
26.74	1.10	16.61	665.85
26.76	1.09	14.83	672.83
26.78	1.06	14.16	678.64
26.80	1.06	13.05	690.85
26.82	1.06	12.83	701.32
26.84	1.05	12.83	695.50
26.86	1.05	12.61	707.13
26.88	1.06	12.83	711.20
26.90	1.06	13.72	715.27
26.92	1.07	13.50	730.39
26.94	1.10	13.72	750.74
26.96	1.13	13.94	762.37
26.98	1.17	13.94	774.00
27.00	1.28	11.07	758.88
27.02	1.30	13.51	755.97
27.04	1.31	14.18	760.04
27.06	1.36	15.95	811.20
27.08	1.46	16.62	843.19
27.10	1.64	17.73	871.10
27.12	1.67	19.29	757.71
27.14	1.71	21.07	750.74
27.16	1.95	20.40	870.51
27.18	2.37	19.95	874.58
27.20	2.87	22.18	742.02
27.22	3.02	26.62	439.68
27.24	2.93	35.29	350.71
27.26	3.30	40.62	373.97
27.28	4.40	44.40	525.72
27.30	5.30	48.18	278.04
27.32	5.02	70.40	155.94
27.34	4.01	72.84	100.12
27.36	3.24	61.07	65.23
27.38	2.64	49.95	51.86
27.40	2.55	51.95	73.96
27.42	2.87	43.73	122.21
27.44	3.34	42.62	156.52
27.46	3.89	51.06	225.13
27.48	5.14	54.17	292.57
27.50	6.65	63.06	250.13

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	7.70	92.17	173.96
27.54	8.10	96.61	136.75
27.56	7.95	98.39	103.61
27.58	7.31	96.39	80.35
27.60	6.41	92.39	66.40
27.62	5.94	103.50	57.10
27.64	5.84	119.50	54.77
27.66	5.45	139.27	52.44
27.68	5.08	165.27	49.53
27.70	4.67	185.94	43.72
27.72	4.13	187.50	45.47
27.74	4.41	163.72	44.30
27.76	4.16	140.82	29.19
27.78	3.40	125.26	25.11
27.80	2.97	113.48	20.46
27.82	2.74	115.03	20.46
27.84	2.67	110.14	27.44
27.86	3.27	92.59	45.47
27.88	4.45	92.14	72.21
27.90	4.96	83.47	85.59
27.92	4.68	83.47	75.70
27.94	4.00	79.02	62.91
27.96	3.32	71.25	48.95
27.98	3.20	69.91	41.98
28.00	3.93	75.25	163.50
28.02	3.61	76.80	107.10
28.04	3.15	82.80	90.82
28.06	2.97	96.58	70.47
28.08	3.01	110.58	76.86
28.10	3.68	99.91	103.61
28.12	4.52	88.58	122.21
28.14	5.01	102.13	113.49
28.16	5.16	120.36	98.38
28.18	4.48	124.80	76.28
28.20	3.36	123.24	55.35
28.22	3.06	103.91	46.05
28.24	2.82	88.58	40.81
28.26	2.61	71.91	47.21
28.28	2.30	67.69	41.98
28.30	2.11	76.13	38.49
28.32	2.00	74.80	41.40
28.34	1.93	63.46	46.05
28.36	2.23	64.57	63.49
28.38	3.16	61.02	108.84
28.40	4.10	48.57	153.61
28.42	4.90	56.57	148.38
28.44	5.68	74.12	148.96
28.46	5.71	90.12	129.19
28.48	4.94	100.79	97.80
28.50	3.85	106.79	70.47

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	3.24	101.01	57.68
28.54	2.49	109.90	41.98
28.56	2.18	102.35	47.79
28.58	2.28	92.57	57.10
28.60	2.36	89.68	60.58
28.62	2.35	91.46	62.33
28.64	2.35	93.23	61.16
28.66	2.27	96.56	61.75
28.68	2.23	99.45	62.33
28.70	2.25	99.45	62.91
28.72	2.30	103.90	65.23
28.74	2.33	103.01	69.30
28.76	2.40	98.56	72.79
28.78	2.48	97.67	78.60
28.80	2.48	96.12	80.93
28.82	2.45	94.56	81.51
28.84	2.45	92.34	82.10
28.86	2.41	92.34	80.93
28.88	2.33	94.11	80.35
28.90	2.24	97.00	79.77
28.92	2.11	99.89	79.19
28.94	2.06	98.78	81.51
28.96	2.05	92.56	79.77
28.98	1.99	91.45	79.19
29.00	1.99	91.45	79.19
29.02	1.85	90.12	163.50
29.04	1.82	89.01	161.75
29.06	1.78	86.79	161.75
29.08	1.74	83.01	164.66
29.10	1.74	77.90	166.99
29.12	1.73	75.46	168.15
29.14	1.71	74.79	169.89
29.16	1.75	71.24	176.29
29.18	1.81	67.46	181.52
29.20	1.87	63.90	187.91
29.22	1.97	61.01	189.66
29.24	2.06	60.79	190.82
29.26	2.18	62.57	190.82
29.28	2.28	68.79	195.48
29.30	2.37	72.79	190.24
29.32	2.42	79.24	168.73
29.34	2.36	91.46	147.80
29.36	2.23	103.01	133.84
29.38	1.73	106.34	118.14
29.40	1.93	117.46	107.68
29.42	1.82	122.12	106.51
29.44	1.77	121.46	109.42
29.46	1.71	114.35	112.91
29.48	1.73	104.57	119.89
29.50	1.74	93.23	130.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	1.74	80.35	137.91
29.54	1.73	70.79	150.12
29.56	1.76	62.56	163.50
29.58	1.81	54.12	178.03
29.60	1.87	51.45	189.66
29.62	1.89	49.68	191.40
29.64	1.90	49.46	192.57
29.66	1.90	49.46	194.31
29.68	1.88	51.01	203.03
29.70	1.86	50.79	207.69
29.72	1.86	50.35	204.78
29.74	1.85	54.12	208.85
29.76	1.87	54.57	212.33
29.78	1.86	57.01	221.64
29.80	1.92	56.12	236.76
29.82	1.97	53.02	250.71
29.84	2.04	48.57	263.50
29.86	1.98	50.35	258.27
29.88	1.92	53.02	260.60
29.90	1.94	53.46	278.62
29.92	2.02	54.79	311.18
29.94	2.04	55.91	341.41
29.96	2.13	49.91	353.62
29.98	2.14	52.35	335.02
30.00	2.10	51.48	688.52
30.02	2.23	54.15	708.30
30.04	2.29	55.71	670.50
30.06	2.39	55.71	571.08
30.08	2.43	65.04	559.45
30.10	2.53	72.37	586.20
30.12	2.62	69.93	555.96
30.14	2.71	68.15	500.14
30.16	2.77	72.82	451.89
30.18	2.81	75.48	400.72
30.20	2.85	83.93	385.60
30.22	2.90	86.15	344.32
30.24	2.87	96.37	321.64
30.26	2.84	108.15	305.36
30.28	2.81	114.15	276.29
30.30	2.72	124.15	265.25
30.32	2.70	121.70	253.03
30.34	2.71	121.70	261.18
30.36	2.67	124.59	271.64
30.38	2.68	114.14	279.78
30.40	2.64	98.59	276.29
30.42	2.59	93.25	265.83
30.44	2.62	96.59	263.50
30.46	2.60	112.36	307.69
30.48	2.60	119.69	326.88
30.50	2.72	111.69	311.18

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova 2

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	2.76	107.69	299.55
30.54	2.84	113.02	286.76
30.56	2.89	114.80	296.64
30.58	2.74	114.13	322.80
30.60	2.72	107.24	327.46
30.62	2.59	100.58	340.25
30.64	2.70	81.46	358.28
30.66	2.58	67.02	329.20
30.68	2.45	58.13	300.13
30.70	2.29	58.35	280.36
30.72	2.16	66.79	273.97
30.74	1.98	71.46	264.66
30.76	1.92	68.12	275.13
30.78	1.99	65.46	320.48
30.80	2.31	63.90	426.88
30.82	2.71	51.46	536.77
30.84	2.97	40.57	581.54
30.86	2.97	35.90	497.82
30.88	2.85	45.01	446.07
30.90	2.91	56.79	430.95
30.92	2.97	71.90	461.19
30.94	2.97	80.57	500.14
30.96	3.09	77.46	500.14
30.98	3.02	85.46	479.21
31.00	2.92	88.37	712.36
31.02	2.88	88.81	652.48
31.04	2.85	91.26	635.03
31.06	2.86	96.59	665.85
31.08	3.01	94.59	697.25
31.10	3.07	93.70	630.38
31.12	3.05	95.92	582.12
31.14	3.02	97.48	549.56
31.16	3.01	92.14	516.42
31.18	2.98	91.25	489.10
31.20	2.93	93.47	442.58
31.22	2.78	103.70	394.32
31.24	2.62	109.47	352.46
31.26	2.43	111.25	325.71
31.28	2.22	107.03	310.01
31.30	2.13	95.92	307.11
31.32	2.01	88.36	312.34
31.34	1.93	75.69	333.27
31.36	2.10	58.58	414.67
31.38	2.48	45.91	552.47
31.40	2.78	39.69	638.52
31.42	2.95	39.91	643.76
31.44	2.94	44.80	619.92
31.46	2.88	48.58	580.96
31.48	2.82	59.24	525.14
31.50	2.78	72.36	523.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	2.76	81.91	491.42
31.54	2.69	91.69	446.07
31.56	2.58	98.58	404.79
31.58	2.48	102.13	369.32
31.60	2.42	102.58	336.76
31.62	2.28	105.91	310.01
31.64	2.24	105.02	312.34
31.66	2.22	103.91	311.76
31.68	2.21	96.13	315.83
31.70	2.23	89.24	322.80
31.72	2.21	85.91	318.74
31.74	2.19	83.91	329.79
31.76	2.25	79.91	342.00
31.78	2.25	80.13	345.48
31.80	2.25	79.91	344.90
31.82	2.24	81.68	335.60
31.84	2.22	82.79	319.90
31.86	2.19	83.02	308.85
31.88	2.19	83.46	305.36
31.90	2.17	84.35	306.53
31.92	2.22	83.46	315.25
31.94	2.24	83.01	316.99
31.96	2.30	84.35	312.92
31.98	2.29	83.90	303.04
32.00	2.07	78.81	589.68
32.02	2.19	84.81	532.70
32.04	2.13	87.70	474.56
32.06	2.14	92.36	455.95
32.08	2.20	99.03	479.21
32.10	2.26	99.48	503.05
32.12	2.35	94.14	485.60
32.14	2.35	93.47	450.72
32.16	2.31	93.25	429.79
32.18	2.28	89.69	399.56
32.20	2.13	87.92	351.30
32.22	1.99	89.92	321.06
32.24	1.95	95.92	327.46
32.26	2.04	97.69	347.23
32.28	2.20	98.80	435.60
32.30	2.43	86.58	497.23
32.32	2.47	80.14	486.77
32.34	2.47	76.14	428.63
32.36	2.30	79.02	395.49
32.38	2.29	79.25	402.46
32.40	2.36	81.02	413.51
32.42	2.34	89.02	439.09
32.44	2.38	90.13	459.44
32.46	2.33	86.80	436.77
32.48	2.25	85.91	419.32
32.50	2.21	81.91	391.41

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	2.16	82.36	376.88
32.54	2.11	82.80	375.13
32.56	2.06	83.02	380.37
32.58	2.04	83.02	377.46
32.60	2.01	79.02	376.30
32.62	2.00	74.13	378.04
32.64	1.95	69.91	375.13
32.66	1.90	64.57	378.62
32.68	1.87	61.46	382.11
32.70	1.82	59.68	389.09
32.72	1.78	56.80	396.07
32.74	1.75	53.91	398.39
32.76	1.71	50.35	410.02
32.78	1.70	45.91	423.98
32.80	1.68	44.80	444.90
32.82	1.70	42.36	464.10
32.84	1.66	40.80	469.91
32.86	1.64	38.80	480.38
32.88	1.62	36.36	483.86
32.90	1.54	37.25	492.59
32.92	1.54	36.36	521.08
32.94	1.62	32.80	584.45
32.96	1.77	29.47	657.71
32.98	1.89	27.70	722.25
33.00	2.01	22.16	882.14
33.02	2.13	27.27	847.26
33.04	2.13	27.27	847.26
33.06	2.02	36.16	638.52
33.08	1.90	44.83	602.48
33.10	1.79	49.05	593.75
33.12	1.77	48.16	606.54
33.14	1.77	46.83	656.55
33.16	1.79	43.72	717.60
33.18	1.88	38.61	732.71
33.20	1.97	32.61	799.58
33.22	2.08	29.05	844.93
33.24	2.06	28.83	764.69
33.26	2.07	29.72	742.02
33.28	2.08	30.38	685.04
33.30	2.15	38.16	712.95
33.32	2.21	44.61	749.58
33.34	2.38	44.83	803.07
33.36	2.67	48.16	744.92
33.38	2.99	47.94	855.98
33.40	3.34	45.05	708.30
33.42	3.41	48.61	510.03
33.44	3.49	52.16	397.81
33.46	3.50	56.16	379.20
33.48	3.81	58.61	367.58
33.50	4.03	65.72	291.41

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	4.05	76.16	222.22
33.54	3.96	82.61	175.12
33.56	4.08	87.27	152.45
33.58	4.36	98.38	144.31
33.60	4.75	98.38	139.66
33.62	4.97	101.94	112.91
33.64	5.02	92.16	90.82
33.66	5.25	85.04	82.10
33.68	5.45	91.27	77.44
33.70	5.07	85.49	62.91
33.72	4.51	76.60	55.35
33.74	4.22	68.15	47.21
33.76	3.84	82.82	42.56
33.78	3.58	89.71	46.63
33.80	3.17	85.93	46.05
33.82	2.72	81.48	39.65
33.84	2.38	78.82	37.32
33.86	2.20	74.37	47.21
33.88	2.29	72.37	57.68
33.90	2.29	68.81	66.98
33.92	2.26	59.48	78.60
33.94	2.16	51.92	80.93
33.96	2.10	49.25	89.07
33.98	2.08	47.03	102.45
34.00	2.71	44.15	823.42
34.02	2.71	43.71	678.64
34.04	2.68	46.15	625.73
34.06	2.58	53.93	544.91
34.08	2.42	57.04	527.47
34.10	2.32	57.04	514.10
34.12	2.26	52.15	504.21
34.14	2.19	44.82	512.93
34.16	2.10	43.71	513.51
34.18	1.94	41.93	494.91
34.20	1.78	36.82	481.54
34.22	1.70	32.37	501.30
34.24	1.70	28.82	553.63
34.26	1.72	27.71	606.54
34.28	1.78	25.26	671.66
34.30	1.81	23.71	719.34
34.32	1.83	23.71	742.02
34.34	1.83	26.15	755.97
34.36	1.82	28.82	754.81
34.38	1.78	32.38	752.48
34.40	1.77	35.27	768.18
34.42	1.76	38.15	783.88
34.44	1.76	39.27	793.18
34.46	1.73	39.93	801.90
34.48	1.75	39.93	817.02
34.50	1.75	38.60	814.11

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	1.75	38.60	836.21
34.54	1.83	38.38	801.32
34.56	1.83	41.71	763.53
34.58	1.83	46.60	772.83
34.60	1.90	46.83	725.74
34.62	1.91	49.49	672.83
34.64	1.89	52.38	658.29
34.66	1.89	54.38	639.69
34.68	1.90	56.16	633.29
34.70	1.90	54.60	638.52
34.72	1.90	54.16	599.57
34.74	1.85	56.83	544.33
34.76	1.81	58.16	533.87
34.78	1.78	59.71	542.59
34.80	1.79	58.16	562.36
34.82	1.78	55.71	556.54
34.84	1.76	58.60	563.52
34.86	1.79	58.60	595.50
34.88	1.83	52.38	628.64
34.90	1.87	47.04	653.06
34.92	1.89	44.82	657.71
34.94	1.88	45.93	652.48
34.96	1.85	44.60	640.85
34.98	1.83	44.82	626.90
35.00	1.79	47.93	610.03
35.02	1.74	35.70	969.36
35.04	1.96	40.59	968.78
35.06	1.96	42.37	878.65
35.08	1.91	43.48	813.53
35.10	1.89	43.70	796.67
35.12	1.94	41.03	856.56
35.14	2.06	38.14	904.82
35.16	2.24	32.59	979.82
35.18	2.44	28.37	854.81
35.20	2.44	28.37	854.81
35.22	2.49	42.59	657.71
35.24	2.44	53.26	623.40
35.26	2.49	63.93	567.59
35.28	2.46	76.82	532.70
35.30	2.51	86.37	563.52
35.32	2.39	86.82	560.03
35.34	2.17	74.82	524.56
35.36	1.96	64.37	518.17
35.38	1.89	50.82	560.03
35.40	1.93	39.71	621.66
35.42	2.03	32.15	715.85
35.44	2.10	30.82	758.30
35.46	2.07	31.93	696.09
35.48	1.95	35.93	610.61
35.50	1.82	42.60	581.54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	1.72	44.37	583.29
35.54	1.67	43.26	615.85
35.56	1.73	41.04	673.99
35.58	1.73	41.04	673.99
35.60	2.19	36.15	871.10
35.62	2.19	36.15	871.10
35.64	4.00	29.04	793.76
35.66	5.36	32.82	333.27
35.68	6.13	50.82	144.31
35.70	6.52	68.82	96.05
35.72	6.67	60.38	72.21
35.74	6.52	50.83	57.68
35.76	6.05	45.49	46.05
35.78	5.15	44.16	33.84
35.80	4.18	44.60	21.05
35.82	3.29	49.94	13.49
35.84	2.62	49.94	14.07
35.86	2.25	44.38	21.05
35.88	2.14	39.27	33.84
35.90	2.20	36.38	50.12
35.92	2.31	38.83	64.07
35.94	2.41	43.49	76.86
35.96	2.41	43.49	76.86
35.98	2.50	53.04	91.40
36.00	1.87	34.38	922.84
36.02	1.97	37.27	964.70
36.04	2.06	40.16	1004.24
36.06	2.19	39.93	1051.34
36.08	2.35	37.71	937.96
36.10	2.36	37.71	760.62
36.12	2.32	43.49	643.76
36.14	2.25	51.71	569.33
36.16	2.11	62.82	541.42
36.18	2.05	67.04	531.54
36.20	2.00	71.93	513.51
36.22	1.91	80.38	504.80
36.24	1.89	78.82	518.75
36.26	1.89	68.82	532.70
36.28	1.83	57.27	531.54
36.30	1.82	48.60	543.75
36.32	1.81	45.04	560.03
36.34	1.79	38.37	584.45
36.36	1.79	31.04	582.70
36.38	1.76	31.04	600.15
36.40	1.89	28.60	651.31
36.42	2.06	26.60	730.97
36.44	2.31	24.82	790.28
36.46	2.53	27.49	846.09
36.48	2.65	27.71	774.00
36.50	2.46	30.15	601.31

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	2.25	31.04	508.86
36.54	2.08	30.15	519.33
36.56	2.13	31.04	567.59
36.58	2.27	33.71	600.15
36.60	2.36	40.82	637.94
36.62	2.49	43.04	653.64
36.64	2.54	41.04	630.96
36.66	2.55	33.93	636.78
36.68	2.63	34.38	648.40
36.70	2.50	35.93	577.47
36.72	2.31	37.27	528.05
36.74	2.42	40.16	586.20
36.76	2.74	41.93	649.57
36.78	2.77	47.93	639.10
36.80	2.58	51.49	544.91
36.82	2.25	55.27	485.60
36.84	2.13	51.93	480.96
36.86	2.11	49.04	506.54
36.88	2.15	42.38	548.98
36.90	2.25	38.60	586.78
36.92	2.27	36.38	610.03
36.94	2.31	37.27	607.12
36.96	2.26	39.71	599.57
36.98	2.24	41.04	606.54
37.00	2.18	49.05	749.58
37.02	2.18	49.05	749.58
37.04	2.26	54.39	721.67
37.06	2.31	57.94	708.30
37.08	2.27	61.72	695.50
37.10	2.26	62.17	650.15
37.12	2.18	65.05	567.00
37.14	2.04	69.05	533.29
37.16	1.92	70.39	529.21
37.18	1.89	67.05	543.17
37.20	1.88	60.39	558.29
37.22	1.94	55.94	604.80
37.24	2.18	50.83	716.43
37.26	2.45	42.61	808.30
37.28	2.61	38.38	837.95
37.30	2.66	37.27	785.04
37.32	2.60	40.16	650.15
37.34	2.39	48.61	532.70
37.36	2.13	61.05	457.12
37.38	1.91	71.94	421.07
37.40	1.72	80.16	402.46
37.42	1.66	75.50	429.79
37.44	1.75	67.05	483.28
37.46	1.90	57.05	565.26
37.48	2.12	45.49	663.52
37.50	2.29	33.27	749.00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	2.37	28.16	767.02
37.54	2.42	29.49	777.49
37.56	2.48	33.94	765.86
37.58	2.43	42.60	753.65
37.60	2.42	49.27	726.32
37.62	2.33	60.60	711.78
37.64	2.32	70.16	733.30
37.66	2.42	70.16	782.72
37.68	2.54	70.61	844.35
37.70	2.65	69.05	885.63
37.72	2.68	65.49	878.65
37.74	2.65	64.16	832.14
37.76	2.62	61.05	783.30
37.78	2.54	65.05	758.30
37.80	2.50	67.04	740.85
37.82	2.54	70.16	736.20
37.84	2.47	77.27	701.90
37.86	2.41	82.60	658.87
37.88	2.36	85.04	613.52
37.90	2.31	89.71	583.87
37.92	2.25	96.15	568.17
37.94	2.20	99.93	549.56
37.96	2.18	99.93	535.03
37.98	2.05	88.36	947.26
38.00	2.07	91.25	932.72
38.02	2.04	92.14	910.05
38.04	2.05	89.91	914.12
38.06	2.06	84.80	911.21
38.08	2.04	80.14	896.10
38.10	2.08	75.69	894.35
38.12	2.13	70.58	900.75
38.14	2.16	65.47	886.21
38.16	2.19	59.47	876.33
38.18	2.22	54.80	887.38
38.20	2.23	53.47	883.89
38.22	2.23	54.80	885.63
38.24	2.25	56.80	889.12
38.26	2.25	59.47	875.75
38.28	2.26	62.58	876.33
38.30	2.35	62.13	882.14
38.32	2.40	63.02	902.49
38.34	2.50	61.91	944.35
38.36	2.55	61.69	942.03
38.38	2.60	62.80	926.33
38.40	2.65	62.14	904.82
38.42	2.64	65.02	880.98
38.44	2.71	67.47	900.17
38.46	2.86	67.03	946.10
38.48	2.98	69.25	946.10
38.50	3.09	71.92	906.56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	3.09	76.14	808.30
38.54	3.07	82.80	744.34
38.56	3.01	87.70	673.41
38.58	2.93	93.92	604.22
38.60	2.86	101.03	564.68
38.62	2.78	105.03	529.21
38.64	2.68	109.47	519.91
38.66	2.62	106.81	522.82
38.68	2.60	102.14	512.35
38.70	2.52	98.14	500.14
38.72	2.48	93.47	495.49
38.74	2.42	91.69	497.23
38.76	2.38	88.80	504.21
38.78	2.37	83.91	520.49
38.80	2.37	79.02	514.10
38.82	2.30	79.02	501.89
38.84	2.22	80.13	489.10
38.86	2.13	80.58	493.17
38.88	2.12	77.25	499.56
38.90	2.12	73.91	507.12
38.92	2.11	72.58	515.26
38.94	2.10	71.24	526.89
38.96	2.11	67.47	540.26
38.98	1.90	55.49	719.34
39.00	2.13	62.15	778.07
39.02	2.14	61.71	776.32
39.04	2.15	61.04	768.18
39.06	2.15	60.82	778.07
39.08	2.20	60.60	771.09
39.10	2.20	60.82	752.48
39.12	2.20	62.82	742.60
39.14	2.19	64.37	746.67
39.16	2.19	64.15	755.97
39.18	2.20	63.04	757.71
39.20	2.18	63.26	737.37
39.22	2.18	63.93	746.67
39.24	2.15	63.04	764.69
39.26	2.19	59.26	786.20
39.28	2.17	57.04	773.41
39.30	2.12	56.15	774.00
39.32	2.14	53.49	789.11
39.34	2.07	52.38	775.74
39.36	2.02	49.49	774.00
39.38	2.02	46.82	786.20
39.40	2.02	46.15	808.88
39.42	2.02	44.16	820.51
39.44	2.02	42.16	828.65
39.46	2.05	40.60	839.11
39.48	2.06	41.04	812.95
39.50	2.06	43.05	824.58

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
39.52	2.03	43.71	849.00
39.54	2.08	41.27	842.60
39.56	2.08	43.27	828.65
39.58	2.08	45.94	848.42
39.60	2.13	44.83	865.28
39.62	2.18	44.61	871.10
39.64	2.17	45.72	816.44
39.66	2.08	49.05	782.72
39.68	2.07	47.94	729.80
39.70	2.01	50.61	700.15
39.72	1.91	53.27	695.50
39.74	1.89	51.94	715.85
39.76	1.88	49.27	739.11
39.78	1.85	46.83	743.18
39.80	1.85	43.72	761.79
39.82	1.83	41.27	750.16
39.84	1.75	39.27	730.97
39.86	1.68	35.72	733.30
39.88	1.68	31.94	773.41
39.90	1.72	28.83	829.23
39.92	1.80	26.39	891.44
39.94	1.88	25.94	955.40
39.96	1.99	25.05	995.52
39.98	2.02	17.93	1259.49
40.00	2.15	21.27	1182.74
40.02	2.25	25.04	1089.71
40.04	2.25	25.04	1089.71
40.06	2.35	38.60	924.59
40.08	2.38	45.71	880.98
40.10	2.39	53.27	850.74
40.12	2.39	53.27	850.74
40.14	2.56	66.60	899.59
40.16	2.68	65.94	847.84
40.18	2.73	73.71	862.95
40.20	2.80	74.38	788.53
40.22	2.78	79.49	718.18
40.24	2.72	79.49	629.22
40.26	2.61	81.27	548.40
40.28	2.41	90.16	514.68
40.30	2.25	94.82	515.26
40.32	2.20	90.16	537.93
40.34	2.23	85.49	572.82
40.36	2.23	79.27	583.29
40.38	2.15	72.38	567.00
40.40	2.05	66.37	541.42
40.42	1.94	61.49	514.10
40.44	1.81	58.37	506.54
40.46	1.75	53.04	515.26
40.48	1.70	48.37	535.61
40.50	1.65	45.49	555.38

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
40.52	1.61	43.26	578.63
40.54	1.63	36.15	628.06
40.56	1.66	30.15	683.88
40.58	1.70	26.60	745.50
40.60	1.67	24.82	755.39
40.62	1.71	24.15	794.93
40.64	1.83	21.71	861.79
40.66	1.91	18.82	919.35
40.68	1.87	20.82	861.79
40.70	1.76	21.05	830.98
40.72	1.76	20.16	871.68
40.74	1.84	19.94	942.03
40.76	1.94	22.61	999.01
40.78	2.08	25.27	1082.73
40.80	2.24	27.27	1103.67
40.82	2.37	28.83	1042.61
40.84	2.44	33.94	961.21
40.86	2.44	43.05	932.72
40.88	2.47	50.61	937.96
40.90	2.49	55.50	918.19
40.92	2.51	61.06	892.60
40.94	2.42	67.72	851.90
40.96	2.23	73.73	860.63
40.98	2.18	74.17	825.74
41.00	2.13	75.51	820.51
41.02	2.14	73.73	817.02
41.04	2.15	73.06	816.44
41.06	2.19	72.84	820.51
41.08	2.19	70.84	816.44
41.10	2.20	69.50	805.39
41.12	2.21	68.17	778.07
41.14	2.19	68.17	744.92
41.16	2.18	70.39	719.92
41.18	2.19	71.28	712.95
41.20	2.21	72.39	714.11
41.22	2.23	74.39	734.46
41.24	2.27	77.50	754.23
41.26	2.30	77.94	729.80
41.28	2.31	78.16	703.06
41.30	2.30	79.27	665.85
41.32	2.26	81.72	656.55
41.34	2.25	82.38	650.15
41.36	2.21	81.50	646.66
41.38	2.19	81.05	647.82
41.40	2.20	79.05	648.40
41.42	2.20	76.16	671.08
41.44	2.21	73.27	683.29
41.46	2.13	70.38	638.52
41.48	2.08	69.05	652.48
41.50	2.06	66.60	676.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
41.52	2.05	64.38	679.80
41.54	2.05	64.16	713.53
41.56	2.09	64.60	750.16
41.58	2.11	63.49	776.32
41.60	2.12	61.49	781.55
41.62	2.13	60.38	801.90
41.64	2.15	60.38	830.98
41.66	2.14	58.38	841.44
41.68	2.17	56.16	834.46
41.70	2.18	56.61	844.35
41.72	2.17	58.61	844.93
41.74	2.17	58.61	851.90
41.76	2.14	57.72	815.28
41.78	2.08	59.72	810.62
41.80	2.08	58.38	828.65
41.82	2.02	58.61	841.44
41.84	2.02	55.50	830.40
41.86	2.01	54.16	824.58
41.88	2.01	54.83	840.28
41.90	2.01	55.50	860.05
41.92	2.02	52.83	885.63
41.94	1.90	42.60	1109.48
41.96	2.03	47.27	1132.74
41.98	2.05	48.60	1108.90
42.00	2.07	49.49	1071.69
42.02	2.03	50.38	1033.31
42.04	2.02	46.82	996.68
42.06	2.01	46.16	950.75
42.08	1.93	47.93	939.70
42.10	1.91	45.04	954.24
42.12	1.90	42.60	959.47
42.14	1.89	39.94	957.73
42.16	1.85	38.38	955.40
42.18	1.85	37.27	985.63
42.20	1.96	32.16	1051.34
42.22	2.02	30.83	1073.43
42.24	2.03	30.38	1065.87
42.26	2.00	29.94	1040.29
42.28	1.97	30.83	1017.61
42.30	1.91	32.61	1018.20
42.32	1.95	32.16	1063.55
42.34	2.03	31.50	1121.11
42.36	2.11	31.27	1134.48
42.38	2.14	32.39	1128.67
42.40	2.15	33.72	1101.92
42.42	2.18	34.39	1058.90
42.44	2.15	36.84	1026.92
42.46	2.11	38.61	1008.31
42.48	2.09	39.95	995.52
42.50	2.07	41.95	982.73



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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 09/03/12

Preforo 0.50 m. p.c. Falda 1.40 ml

Prova **2**

Cert. N. 91/2012

Emissa il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
42.52	2.04	42.17	986.22
42.54	2.04	41.95	992.61
42.56	2.06	41.95	1017.61
42.58	2.08	39.95	1026.92
42.60	2.11	40.17	1020.52
42.62	2.08	40.17	1025.75
42.64	2.04	38.84	1019.94
42.66	2.02	37.50	1001.91
42.68	1.97	37.50	977.50
42.70	1.95	35.95	986.22
42.72	1.94	33.50	1000.17
42.74	1.94	32.84	1026.33
42.76	1.95	30.84	1040.29
42.78	1.97	29.95	1068.78
42.80	1.99	30.17	1065.29
42.82	1.99	31.28	1077.50
42.84	1.99	31.06	1049.01
42.86	1.96	32.62	1006.57
42.88	1.91	33.51	977.50
42.90	1.90	32.84	990.87
42.92	2.32	29.51	896.10
42.94	2.22	33.74	849.58
42.96	2.12	33.29	833.30
42.98	2.04	29.74	854.81
43.00	2.06	26.40	920.51
43.02	2.04	23.96	981.57
43.04	2.04	23.29	995.52
43.06	2.01	25.29	940.87
43.08	1.90	29.96	917.03
43.10	1.86	29.74	954.82
43.12	1.97	28.40	1077.50
43.14	2.22	25.96	1226.35
43.16	2.42	26.18	1196.70
43.18	2.63	27.74	1062.39
43.20	2.79	32.40	1012.38
43.22	3.09	36.85	1070.52
43.24	3.66	39.29	1093.78
43.26	4.77	39.96	825.74
43.28	5.88	49.96	450.14
43.30	6.06	63.96	246.64
43.32	5.34	51.96	162.33
43.34	4.05	40.62	122.80
43.36	3.28	44.62	107.68
43.38	2.85	53.96	106.51
43.40	2.49	61.96	112.91
43.42	2.19	73.73	136.17
43.44	2.13	72.85	179.78
43.46	2.15	66.40	235.01
43.48	2.11	59.06	276.88
43.50	2.09	49.95	337.92

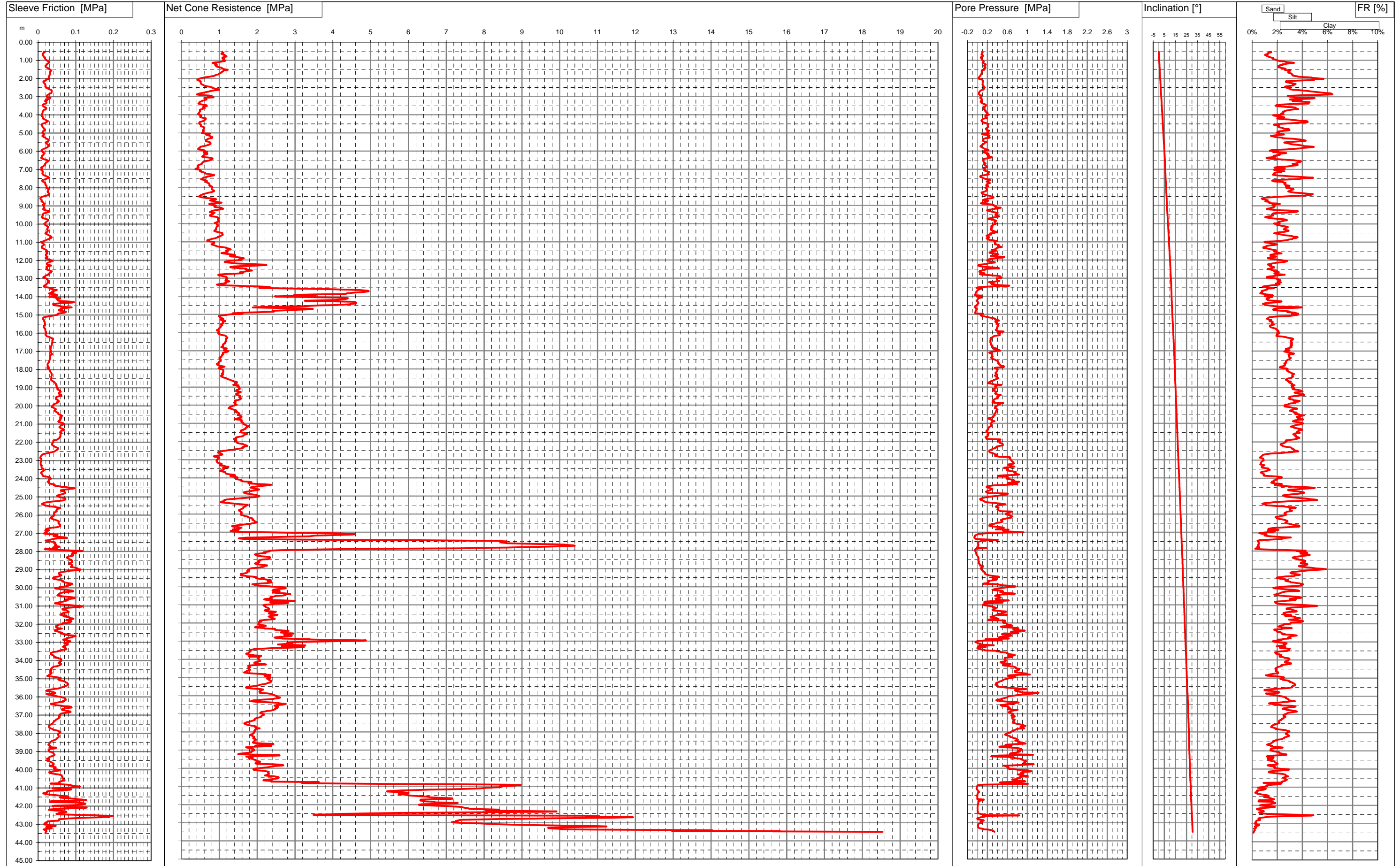
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
43.52	2.08	46.17	398.98
43.54	1.99	39.28	436.77
43.56	1.94	31.06	502.47
43.58	1.91	25.72	583.29
43.60	1.96	24.61	691.43
43.62	1.99	25.28	764.69
43.64	2.01	27.50	826.32
43.66	2.02	28.39	893.19
43.68	2.08	28.61	982.15
43.70	2.15	29.06	1053.08
43.72	2.15	29.06	1053.08
43.74	2.19	31.51	1057.15
43.76	2.18	34.84	1034.48
43.78	2.19	37.28	1010.64
43.80	2.21	39.95	987.96
43.82	2.23	44.40	970.52
43.84	2.25	47.51	990.87
43.86	2.28	49.51	994.36
43.88	2.32	51.95	988.54
43.90	2.32	57.07	1111.22
43.92	2.32	59.29	1072.85
43.94	2.28	60.85	1051.92
43.96	2.28	61.96	1062.97
43.98	2.30	62.62	1065.29
44.00	2.30	62.85	1068.20
44.02	2.28	63.29	1072.27
44.04	2.30	63.51	1078.08
44.06	2.30	64.18	1085.64
44.08	2.28	64.40	1087.39
44.10	2.30	64.40	1084.48
44.12	2.28	63.96	1082.15
44.14	2.28	63.29	1078.66
44.16	2.28	63.07	1075.18
44.18	2.28	63.07	1069.94
44.20	2.28	62.85	1065.87
44.22	2.30	63.51	1067.62
44.24	2.30	63.51	1068.78
44.26	2.30	63.29	1069.36
44.28	2.30	62.84	1070.52
44.30	2.30	61.51	1075.18
44.32	2.30	60.84	1079.25
44.34	2.30	60.40	1081.57
44.36	2.30	59.73	1085.64
44.38	2.30	59.07	1091.46
44.40	2.30	58.40	1092.62
44.42	2.31	57.95	1096.10
44.44	2.31	57.73	1098.43
44.46	2.33	57.73	1104.83
44.48	2.31	56.62	1099.60
44.50	2.32	56.84	1110.64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
44.52	2.32	55.73	1099.60
44.54	2.25	53.29	1074.01
44.56	2.39	56.62	1139.13
44.58	2.42	55.29	1164.71
44.60	2.43	55.29	1166.46
44.62	2.50	53.07	1117.04
44.64	2.44	56.84	1056.57
44.66	2.39	59.73	1033.31
44.68	2.36	59.73	1020.52
44.70	2.28	58.40	969.36
44.72	2.26	58.40	969.94
44.74	2.24	59.07	982.73
44.76	2.21	58.62	985.63
44.78	2.24	55.73	994.94
44.80	2.22	54.40	1006.57
44.82	2.22	52.40	1021.69
44.84	2.22	50.40	1035.64
44.86	2.25	48.40	1060.64
44.88	2.27	46.18	1085.06
44.90	2.28	42.62	1119.36
44.92	2.32	40.62	1112.97
44.94	2.34	39.74	1110.06
44.96	2.37	39.74	1110.06
44.98	2.42	39.52	1108.90
45.00	2.56	40.63	1126.92

Committente AUTOSTRADA DEL BRENNERO SPA  
 Località CAMPOGALLIANO  
 Cantiere SOVRAPASSO N°141  
 Operatore dr.STANZANI  
 Prova nr. 1 Cert. N. 90/2012  
 Data 08\03\12 Emesso il 09/03/12  
 Falda 2.70 ml  
 Preforo 0.50 m. p.c.

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	1.08	14.84	93.14
0.54	1.08	16.62	103.61
0.56	1.08	16.62	106.51
0.58	1.11	15.29	102.45
0.60	1.08	13.74	94.89
0.62	1.06	13.08	89.07
0.64	1.05	13.75	91.40
0.66	1.07	13.08	86.17
0.68	1.11	11.97	79.19
0.70	1.14	11.75	93.14
0.72	1.14	11.98	103.61
0.74	1.13	13.09	113.49
0.76	1.18	13.98	113.49
0.78	1.19	15.32	104.77
0.80	1.17	15.32	89.07
0.82	1.14	15.99	74.54
0.84	1.10	16.66	70.47
0.86	1.10	17.33	65.81
0.88	1.08	18.44	73.96
0.90	1.10	18.66	83.84
0.92	1.13	18.89	86.75
0.94	1.12	19.78	89.07
0.96	1.10	20.89	91.98
0.98	1.10	21.78	98.96
1.00	1.15	23.56	105.35
1.02	1.16	24.01	108.84
1.04	1.15	25.79	111.17
1.06	1.07	28.52	130.93
1.08	1.05	28.29	118.72
1.10	0.98	28.52	114.08
1.12	0.88	28.52	108.84
1.14	0.82	28.29	101.86
1.16	0.83	26.74	125.12
1.18	0.88	24.96	139.08
1.20	0.88	24.29	151.87
1.22	0.93	22.74	162.91
1.24	0.89	22.51	166.40
1.26	0.94	21.40	158.26
1.28	0.89	20.96	136.17
1.30	0.91	19.40	134.42
1.32	0.91	19.40	136.17
1.34	0.93	19.85	138.50
1.36	0.95	20.29	147.80
1.38	0.99	20.96	160.00
1.40	1.04	23.63	162.33
1.42	1.07	25.18	162.33
1.44	1.07	27.63	132.68
1.46	1.09	29.85	128.61
1.48	1.11	30.07	125.12
1.50	1.16	30.96	126.29

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	1.22	32.30	140.24
1.54	1.19	33.41	113.49
1.56	1.12	35.41	85.00
1.58	1.10	33.63	85.00
1.60	1.10	32.96	86.17
1.62	1.09	32.30	86.75
1.64	1.06	31.63	86.17
1.66	1.06	31.41	85.59
1.68	1.05	30.96	84.42
1.70	1.04	32.30	84.42
1.72	1.01	32.29	81.51
1.74	0.99	32.29	80.35
1.76	0.98	32.07	78.02
1.78	0.97	31.41	75.70
1.80	0.93	30.96	67.56
1.82	0.89	30.07	63.49
1.84	0.88	29.63	60.00
1.86	0.86	29.85	54.77
1.88	0.80	29.63	46.05
1.90	0.75	28.51	41.40
1.92	0.69	28.51	36.16
1.94	0.61	30.07	29.77
1.96	0.58	28.51	26.86
1.98	0.52	27.62	25.11
2.00	0.49	27.62	26.28
2.02	0.46	27.62	29.19
2.04	0.45	22.51	83.84
2.06	0.44	22.73	88.49
2.08	0.41	21.40	94.89
2.10	0.43	19.40	103.61
2.12	0.47	17.62	114.66
2.14	0.49	15.62	117.56
2.16	0.51	14.07	110.00
2.18	0.50	14.95	103.61
2.20	0.50	13.84	103.61
2.22	0.50	14.95	107.68
2.24	0.51	15.62	107.10
2.26	0.51	16.73	108.26
2.28	0.51	17.62	106.51
2.30	0.52	18.73	104.19
2.32	0.53	18.95	101.86
2.34	0.55	18.73	101.86
2.36	0.58	19.18	107.10
2.38	0.59	20.07	110.00
2.40	0.62	19.84	121.05
2.42	0.64	18.73	119.30
2.44	0.69	18.95	125.70
2.46	0.75	20.06	137.33
2.48	0.80	21.40	139.08
2.50	0.80	22.28	128.61

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.81	23.62	132.68
2.54	0.86	24.95	135.59
2.56	0.88	27.39	136.17
2.58	0.93	28.73	129.77
2.60	1.00	31.17	122.80
2.62	1.00	33.39	114.08
2.64	0.94	35.84	92.56
2.66	0.87	36.28	71.63
2.68	0.80	36.28	57.10
2.70	0.76	36.50	51.28
2.72	0.72	36.28	46.63
2.74	0.68	36.05	40.23
2.76	0.64	36.05	34.42
2.78	0.60	35.38	30.35
2.80	0.55	34.72	28.60
2.82	0.49	32.94	27.44
2.84	0.45	30.27	27.44
2.86	0.43	28.94	29.77
2.88	0.40	27.60	33.84
2.90	0.45	25.16	41.40
2.92	0.58	24.27	59.42
2.94	0.73	24.26	79.77
2.96	0.80	23.37	82.68
2.98	0.76	22.71	77.44
3.00	0.73	22.71	76.28
3.02	0.69	23.59	79.19
3.04	0.85	29.58	71.63
3.06	0.68	32.92	54.19
3.08	0.60	31.36	56.51
3.10	0.62	31.13	68.72
3.12	0.63	29.80	85.00
3.14	0.65	20.91	89.65
3.16	0.66	20.47	85.59
3.18	0.63	24.02	92.56
3.20	0.60	24.24	93.72
3.22	0.57	20.91	79.77
3.24	0.54	18.02	71.05
3.26	0.53	19.35	64.07
3.28	0.50	21.58	63.49
3.30	0.48	22.91	68.72
3.32	0.48	21.80	77.44
3.34	0.48	21.35	81.51
3.36	0.47	21.80	90.23
3.38	0.44	20.90	105.35
3.40	0.46	16.46	122.21
3.42	0.50	13.79	144.89
3.44	0.56	12.68	167.57
3.46	0.63	12.46	165.24
3.48	0.66	12.68	171.63
3.50	0.67	12.68	169.89

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	0.67	13.57	163.50
3.54	0.63	14.90	147.80
3.56	0.60	16.68	129.19
3.58	0.56	18.68	114.66
3.60	0.58	20.45	127.45
3.62	0.60	21.79	146.63
3.64	0.61	21.79	144.31
3.66	0.58	20.89	122.21
3.68	0.55	20.89	130.35
3.70	0.53	17.78	141.98
3.72	0.49	15.56	139.66
3.74	0.48	14.89	146.05
3.76	0.49	13.78	164.66
3.78	0.50	13.56	161.17
3.80	0.48	12.89	155.36
3.82	0.48	12.00	166.99
3.84	0.48	12.44	172.22
3.86	0.48	11.77	173.38
3.88	0.47	11.77	185.59
3.90	0.46	11.55	205.94
3.92	0.46	11.33	200.70
3.94	0.46	10.66	190.82
3.96	0.43	11.11	197.80
3.98	0.45	11.33	216.40
4.00	0.45	10.66	234.43
4.02	0.53	8.87	161.17
4.04	0.53	9.32	157.68
4.06	0.52	9.98	161.75
4.08	0.52	10.43	156.52
4.10	0.49	11.54	157.10
4.12	0.49	12.43	161.17
4.14	0.51	13.54	178.61
4.16	0.55	13.09	195.48
4.18	0.61	12.65	187.33
4.20	0.65	13.09	160.00
4.22	0.64	13.98	112.33
4.24	0.64	16.65	102.45
4.26	0.61	18.87	96.63
4.28	0.61	20.20	90.82
4.30	0.61	22.20	87.33
4.32	0.60	23.98	80.35
4.34	0.59	26.20	86.75
4.36	0.54	25.09	84.42
4.38	0.52	23.31	92.56
4.40	0.48	22.20	105.93
4.42	0.47	19.98	126.87
4.44	0.47	17.97	149.54
4.46	0.47	15.53	175.12
4.48	0.47	12.86	197.22
4.50	0.49	11.08	216.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	0.49	9.53	222.22
4.54	0.51	8.86	207.10
4.56	0.51	9.30	200.12
4.58	0.52	10.19	203.03
4.60	0.51	11.08	205.36
4.62	0.51	11.08	211.75
4.64	0.53	11.08	208.85
4.66	0.56	11.97	214.66
4.68	0.58	12.85	215.82
4.70	0.60	13.74	203.03
4.72	0.59	14.85	190.82
4.74	0.59	14.85	182.68
4.76	0.59	15.30	168.15
4.78	0.58	17.52	177.45
4.80	0.59	17.52	176.87
4.82	0.58	17.29	175.70
4.84	0.57	17.52	186.75
4.86	0.57	16.85	214.08
4.88	0.59	15.29	237.92
4.90	0.58	13.07	211.75
4.92	0.57	11.96	197.22
4.94	0.58	12.63	204.20
4.96	0.58	11.96	212.33
4.98	0.57	11.29	194.31
5.00	0.54	11.74	201.87
5.02	0.56	11.74	229.78
5.04	0.76	15.95	104.77
5.06	0.71	16.39	90.82
5.08	0.64	16.61	104.77
5.10	0.65	15.28	146.05
5.12	0.68	13.50	211.75
5.14	0.72	11.95	246.06
5.16	0.75	11.28	233.27
5.18	0.76	12.61	227.45
5.20	0.77	14.17	225.13
5.22	0.81	14.84	210.01
5.24	0.81	17.50	239.08
5.26	0.81	19.95	248.97
5.28	0.80	19.95	197.22
5.30	0.76	21.50	154.78
5.32	0.70	23.72	131.52
5.34	0.69	25.72	115.82
5.36	0.68	27.05	111.17
5.38	0.65	27.50	114.66
5.40	0.65	28.17	111.17
5.42	0.64	28.39	111.17
5.44	0.64	26.61	110.00
5.46	0.65	25.27	120.47
5.48	0.70	23.94	151.87
5.50	0.73	21.05	184.43

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	0.76	19.72	168.73
5.54	0.77	20.83	154.78
5.56	0.77	22.16	141.40
5.58	0.77	23.27	135.59
5.60	0.77	23.72	129.19
5.62	0.75	24.83	122.21
5.64	0.74	26.16	106.51
5.66	0.71	27.71	90.82
5.68	0.68	27.71	83.84
5.70	0.65	27.27	76.86
5.72	0.61	26.38	63.49
5.74	0.55	26.38	59.42
5.76	0.50	25.93	66.98
5.78	0.49	24.60	79.19
5.80	0.50	22.82	96.05
5.82	0.49	20.38	108.84
5.84	0.46	19.04	120.47
5.86	0.45	16.37	132.68
5.88	0.44	13.93	147.21
5.90	0.44	12.37	173.96
5.92	0.47	10.15	197.22
5.94	0.54	9.04	222.80
5.96	0.61	8.82	204.78
5.98	0.62	8.82	156.52
6.00	0.61	10.37	130.93
6.02	0.59	12.37	135.00
6.04	0.68	11.48	153.03
6.06	0.64	13.93	139.66
6.08	0.63	13.93	129.77
6.10	0.59	16.37	153.61
6.12	0.62	16.37	194.31
6.14	0.68	15.04	222.80
6.16	0.68	15.04	221.64
6.18	0.66	14.15	187.91
6.20	0.61	13.71	196.06
6.22	0.59	11.93	218.73
6.24	0.58	10.60	239.08
6.26	0.59	10.15	218.15
6.28	0.56	10.59	210.59
6.30	0.54	10.37	219.90
6.32	0.55	10.15	243.73
6.34	0.62	9.26	295.48
6.36	0.71	8.15	265.25
6.38	0.78	9.04	235.01
6.40	0.81	10.59	200.70
6.42	0.83	13.04	142.56
6.44	0.81	16.82	119.30
6.46	0.80	20.15	125.70
6.48	0.79	23.26	121.63
6.50	0.75	25.93	119.89

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	0.73	26.59	121.05
6.54	0.68	27.26	116.98
6.56	0.64	25.92	122.21
6.58	0.62	24.15	121.05
6.60	0.57	22.81	129.19
6.62	0.56	21.26	133.26
6.64	0.55	20.81	140.24
6.66	0.55	20.15	155.36
6.68	0.54	19.70	164.08
6.70	0.54	17.92	142.56
6.72	0.52	17.70	126.87
6.74	0.50	18.59	129.77
6.76	0.46	17.48	139.08
6.78	0.44	16.14	158.26
6.80	0.44	14.81	172.22
6.82	0.44	13.92	181.52
6.84	0.43	12.59	184.43
6.86	0.42	10.36	194.31
6.88	0.44	8.81	192.57
6.90	0.45	8.14	154.19
6.92	0.44	8.81	129.19
6.94	0.42	9.92	122.80
6.96	0.39	10.36	133.26
6.98	0.38	9.92	153.03
7.00	0.37	7.92	157.68
7.02	0.46	8.14	143.73
7.04	0.50	9.03	139.66
7.06	0.51	9.92	134.42
7.08	0.50	11.48	141.98
7.10	0.49	12.81	172.22
7.12	0.52	12.37	196.06
7.14	0.52	12.37	211.75
7.16	0.56	12.37	236.76
7.18	0.61	11.48	222.22
7.20	0.63	11.26	207.69
7.22	0.63	11.48	204.20
7.24	0.64	11.48	201.29
7.26	0.69	12.59	221.06
7.28	0.78	13.03	230.36
7.30	0.82	13.92	202.45
7.32	0.87	15.92	160.00
7.34	0.86	18.37	106.51
7.36	0.80	20.81	72.79
7.38	0.75	23.26	57.68
7.40	0.69	25.03	51.28
7.42	0.67	27.26	60.00
7.44	0.63	28.59	67.56
7.46	0.58	29.70	87.91
7.48	0.57	27.03	111.17
7.50	0.56	23.48	129.19

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	0.54	21.25	148.38
7.54	0.52	18.59	179.78
7.56	0.52	15.48	217.57
7.58	0.57	11.92	255.94
7.60	0.63	10.59	262.92
7.62	0.66	10.59	243.15
7.64	0.67	11.03	222.22
7.66	0.67	11.92	197.80
7.68	0.64	13.92	186.17
7.70	0.64	16.14	198.38
7.72	0.68	17.25	212.33
7.74	0.68	18.59	232.10
7.76	0.70	19.25	252.45
7.78	0.73	19.25	208.27
7.80	0.73	19.70	201.87
7.82	0.73	19.25	191.40
7.84	0.73	20.14	205.36
7.86	0.75	20.14	191.99
7.88	0.75	21.25	173.96
7.90	0.73	22.59	191.99
7.92	0.75	22.59	208.27
7.94	0.79	22.36	221.06
7.96	0.81	22.36	184.43
7.98	0.81	23.25	180.36
8.00	0.82	23.92	173.96
8.02	0.80	22.36	153.61
8.04	0.80	24.59	182.68
8.06	0.80	26.14	179.78
8.08	0.80	27.03	185.59
8.10	0.80	27.25	185.59
8.12	0.81	26.59	185.01
8.14	0.82	26.59	192.57
8.16	0.84	26.36	190.82
8.18	0.85	26.36	187.91
8.20	0.86	25.92	165.82
8.22	0.85	25.25	155.36
8.24	0.82	25.70	129.77
8.26	0.80	26.14	107.68
8.28	0.75	26.58	83.84
8.30	0.70	28.14	83.26
8.32	0.68	29.03	91.98
8.34	0.62	29.03	93.72
8.36	0.58	29.47	105.35
8.38	0.57	28.58	121.05
8.40	0.55	27.02	141.40
8.42	0.51	25.02	166.99
8.44	0.50	21.69	200.12
8.46	0.48	18.58	230.36
8.48	0.48	14.14	259.43
8.50	0.46	11.25	283.27

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	0.49	8.80	308.27
8.54	0.51	7.69	319.90
8.56	0.57	6.36	322.22
8.58	0.63	5.69	310.60
8.60	0.74	5.69	272.22
8.62	0.84	6.58	218.15
8.64	0.91	7.69	187.33
8.66	0.92	9.02	141.40
8.68	0.87	9.47	128.61
8.70	0.81	10.14	103.61
8.72	0.75	9.25	129.77
8.74	0.80	8.80	216.99
8.76	0.86	9.02	207.69
8.78	0.90	11.25	159.42
8.80	0.94	12.58	139.66
8.82	0.98	14.14	170.47
8.84	1.06	14.36	157.10
8.86	1.03	15.03	92.56
8.88	0.84	17.25	67.56
8.90	0.73	16.58	107.68
8.92	0.73	13.92	193.15
8.94	0.78	12.80	278.04
8.96	0.80	13.03	326.88
8.98	0.88	15.92	327.46
9.00	0.91	15.48	321.06
9.02	0.87	15.92	340.25
9.04	0.87	15.03	379.79
9.06	0.87	15.03	370.49
9.08	0.88	15.26	362.34
9.10	0.93	16.37	358.28
9.12	1.05	16.14	466.42
9.14	1.05	15.03	396.65
9.16	1.08	13.70	423.40
9.18	1.11	13.03	358.28
9.20	1.08	13.92	307.11
9.22	1.00	16.14	266.99
9.24	0.96	18.81	216.40
9.26	0.88	23.48	191.99
9.28	0.84	28.59	210.01
9.30	0.80	30.37	235.59
9.32	0.79	29.70	265.25
9.34	0.76	27.48	281.52
9.36	0.75	24.81	323.97
9.38	0.80	21.70	353.62
9.40	0.88	17.70	407.11
9.42	0.84	14.36	400.72
9.44	0.81	13.48	378.04
9.46	0.82	13.70	399.56
9.48	0.81	12.81	395.49
9.50	0.79	12.59	360.60

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	0.76	12.59	357.69
9.54	0.75	12.81	382.11
9.56	0.75	11.70	393.74
9.58	0.78	11.25	421.65
9.60	0.82	10.36	437.35
9.62	0.90	9.48	404.79
9.64	0.94	9.92	349.55
9.66	0.96	11.92	317.58
9.68	0.97	14.81	311.18
9.70	1.00	16.59	253.03
9.72	0.99	20.14	223.96
9.74	0.96	23.70	214.66
9.76	0.96	26.59	260.60
9.78	0.96	27.25	287.34
9.80	0.96	27.48	339.67
9.82	0.99	25.92	355.95
9.84	0.99	25.03	381.53
9.86	1.00	23.25	364.09
9.88	1.00	21.48	360.60
9.90	0.96	20.81	338.50
9.92	0.92	19.92	343.74
9.94	0.93	19.70	350.71
9.96	0.88	19.70	340.25
9.98	0.90	15.92	366.41
10.00	0.92	17.26	375.72
10.02	0.93	18.37	362.92
10.04	0.94	18.37	339.67
10.06	0.94	19.26	321.64
10.08	0.96	21.48	304.78
10.10	0.96	22.81	293.15
10.12	0.96	24.59	287.34
10.14	0.94	25.26	274.55
10.16	0.93	27.03	303.04
10.18	0.93	27.26	284.43
10.20	0.92	26.37	294.32
10.22	0.92	25.70	297.80
10.24	0.92	24.59	272.80
10.26	0.91	24.59	274.55
10.28	0.91	23.92	283.27
10.30	0.92	23.70	287.92
10.32	0.92	24.14	268.15
10.34	0.91	25.70	270.48
10.36	0.88	26.14	282.10
10.38	0.87	25.92	295.48
10.40	0.87	25.25	328.04
10.42	0.88	24.59	335.60
10.44	0.91	23.70	368.74
10.46	0.97	21.70	384.44
10.48	1.00	20.36	372.81
10.50	1.05	19.70	344.90

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	1.08	19.25	284.43
10.54	1.08	21.47	251.87
10.56	1.08	23.70	260.01
10.58	1.08	25.25	276.88
10.60	1.09	27.25	276.88
10.62	1.09	28.59	226.29
10.64	1.06	31.25	197.22
10.66	1.05	32.81	180.94
10.68	1.03	34.36	191.40
10.70	1.02	34.59	197.22
10.72	0.96	35.92	205.36
10.74	0.96	36.14	238.50
10.76	0.96	35.03	242.57
10.78	0.92	33.25	223.96
10.80	0.90	30.14	180.94
10.82	0.85	28.36	184.43
10.84	0.80	26.36	203.03
10.86	0.78	23.25	222.80
10.88	0.72	21.25	226.29
10.90	0.69	19.70	266.99
10.92	0.68	16.80	319.32
10.94	0.68	15.25	359.44
10.96	0.69	12.58	394.32
10.98	0.76	7.48	335.02
11.00	0.85	8.59	357.69
11.02	0.87	9.03	353.62
11.04	0.87	11.03	350.71
11.06	0.87	12.37	347.81
11.08	0.86	13.92	364.09
11.10	0.85	15.03	358.28
11.12	0.80	15.92	344.32
11.14	0.79	15.92	369.90
11.16	0.81	14.81	399.56
11.18	0.86	12.81	433.86
11.20	0.88	11.26	427.46
11.22	0.91	10.37	407.11
11.24	0.93	10.59	420.49
11.26	0.94	10.37	457.12
11.28	1.04	9.48	482.70
11.30	1.11	9.93	465.84
11.32	1.18	10.37	401.30
11.34	1.18	13.04	382.70
11.36	1.23	15.26	382.11
11.38	1.27	17.26	378.04
11.40	1.27	19.04	362.34
11.42	1.30	21.26	343.16
11.44	1.23	22.59	288.50
11.46	1.21	23.48	323.39
11.48	1.17	22.82	347.23
11.50	1.18	21.70	375.13

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	1.21	21.26	320.48
11.54	1.23	22.59	286.18
11.56	1.22	24.82	276.29
11.58	1.18	23.93	243.73
11.60	1.11	24.59	243.15
11.62	1.05	25.26	290.25
11.64	1.09	22.82	361.18
11.66	1.18	21.26	376.30
11.68	1.27	21.04	414.67
11.70	1.36	20.15	408.86
11.72	1.41	21.04	397.81
11.74	1.42	20.82	355.95
11.76	1.35	22.15	278.62
11.78	1.28	23.48	269.90
11.80	1.29	25.26	350.13
11.82	1.39	24.15	487.35
11.84	1.46	21.70	542.00
11.86	1.54	20.37	519.91
11.88	1.60	19.92	469.91
11.90	1.65	21.26	373.97
11.92	1.64	25.26	312.34
11.94	1.57	27.48	272.80
11.96	1.52	31.48	230.94
11.98	1.52	31.48	230.94
12.00	1.59	38.37	207.10
12.02	1.46	38.15	192.57
12.04	1.29	37.03	207.10
12.06	1.21	34.59	232.10
12.08	1.18	32.15	258.27
12.10	1.14	29.92	293.15
12.12	1.15	26.37	350.71
12.14	1.23	24.15	346.65
12.16	1.32	24.15	290.25
12.18	1.41	22.81	231.52
12.20	1.53	22.59	203.03
12.22	1.77	23.70	185.01
12.24	2.02	25.26	113.49
12.26	2.23	30.81	51.28
12.28	2.25	35.03	22.79
12.30	2.05	30.37	16.98
12.32	1.84	26.37	26.28
12.34	1.56	23.70	47.21
12.36	1.37	22.59	86.17
12.38	1.29	22.81	137.33
12.40	1.29	23.26	261.76
12.42	1.34	22.14	367.58
12.44	1.46	23.48	414.67
12.46	1.59	22.81	435.60
12.48	1.71	21.25	249.55
12.50	1.68	23.70	153.61

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	1.69	25.70	136.17
12.54	1.78	28.81	111.17
12.56	1.83	32.14	146.63
12.58	1.87	32.14	89.65
12.60	1.80	36.81	51.28
12.62	1.72	34.59	57.10
12.64	1.68	33.70	38.49
12.66	1.60	34.81	44.89
12.68	1.54	30.81	78.02
12.70	1.57	29.92	86.75
12.72	1.63	29.03	111.75
12.74	1.56	28.14	143.15
12.76	1.34	26.58	72.21
12.78	1.13	27.25	47.21
12.80	0.97	25.92	72.21
12.82	0.97	21.69	158.84
12.84	0.97	19.92	254.20
12.86	1.02	19.03	340.25
12.88	1.08	17.92	425.14
12.90	1.11	14.80	465.84
12.92	1.17	13.92	455.95
12.94	1.18	13.69	446.07
12.96	1.20	14.14	449.56
12.98	1.20	19.92	488.51
13.00	1.21	22.37	384.44
13.02	1.18	24.81	404.20
13.04	1.18	23.92	399.56
13.06	1.20	24.81	390.83
13.08	1.20	25.92	389.67
13.10	1.17	27.03	402.46
13.12	1.16	26.14	400.14
13.14	1.17	25.26	410.02
13.16	1.24	25.92	442.00
13.18	1.27	27.03	398.98
13.20	1.23	25.70	273.97
13.22	1.16	27.26	229.20
13.24	1.17	25.26	287.92
13.26	1.16	24.59	330.37
13.28	1.17	22.37	319.32
13.30	1.09	22.37	274.55
13.32	1.02	22.81	282.69
13.34	0.96	21.03	301.30
13.36	0.93	18.59	362.92
13.38	1.00	16.14	442.00
13.40	1.17	15.92	541.42
13.42	1.45	16.14	639.10
13.44	1.71	15.26	487.35
13.46	2.06	17.70	258.85
13.48	2.30	23.70	128.03
13.50	2.34	28.59	30.93

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	2.16	37.70	-7.44
13.54	2.05	35.92	-15.59
13.56	2.49	33.70	42.56
13.58	3.16	38.14	86.75
13.60	3.77	43.26	53.60
13.62	4.16	49.70	33.84
13.64	4.46	47.92	21.63
13.66	4.71	44.14	12.90
13.68	4.87	39.92	3.60
13.70	4.93	37.03	-5.12
13.72	4.95	38.37	-13.84
13.74	4.91	41.26	-19.07
13.76	4.82	37.25	-23.72
13.78	4.70	33.25	-27.21
13.80	4.58	30.81	-30.12
13.82	4.45	28.59	-34.19
13.84	4.37	34.59	-35.93
13.86	4.35	43.03	-36.51
13.88	4.17	47.25	-39.42
13.90	3.52	50.59	-46.40
13.92	3.00	47.03	-51.63
13.94	2.97	49.92	-52.21
13.96	3.55	41.26	90.23
13.98	2.94	29.48	18.14
14.00	2.46	31.26	-14.42
14.02	2.54	41.26	-9.19
14.04	3.08	46.14	71.05
14.06	3.80	46.59	92.56
14.08	4.24	57.03	62.91
14.10	4.40	59.03	40.81
14.12	4.39	52.81	26.28
14.14	4.37	50.36	17.56
14.16	4.33	51.70	11.16
14.18	4.22	51.70	5.93
14.20	4.06	52.36	0.70
14.22	3.72	56.14	-9.77
14.24	3.26	65.92	-20.82
14.26	3.34	80.36	-16.17
14.28	3.92	93.69	-12.68
14.30	4.53	96.14	11.74
14.32	4.60	88.58	9.42
14.34	4.59	63.47	10.58
14.36	4.62	53.02	13.49
14.38	4.62	44.58	21.63
14.40	4.60	39.24	15.23
14.42	4.50	41.24	7.09
14.44	4.44	45.46	0.70
14.46	4.28	43.46	-5.12
14.48	4.04	49.02	-13.26
14.50	3.64	54.79	-21.40

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	3.50	59.24	-26.63
14.54	3.29	68.79	-31.28
14.56	2.79	76.57	-41.17
14.58	2.19	89.23	-50.47
14.60	1.95	80.57	-54.54
14.62	1.89	69.90	-49.31
14.64	2.47	60.12	-37.68
14.66	3.07	59.23	-21.98
14.68	3.39	59.23	-12.68
14.70	3.47	63.45	-9.77
14.72	3.31	55.45	-14.42
14.74	3.08	54.56	-21.98
14.76	2.91	57.23	-25.47
14.78	2.65	63.22	-32.45
14.80	2.43	68.78	-36.51
14.82	2.40	73.67	-36.51
14.84	2.45	73.22	-35.35
14.86	2.34	67.44	-37.68
14.88	1.98	70.33	-42.91
14.90	1.66	60.11	-45.24
14.92	1.49	53.00	-45.24
14.94	1.35	51.44	-42.91
14.96	1.61	52.34	115.24
14.98	1.40	52.34	58.26
15.00	1.27	48.11	53.02
15.02	1.20	43.23	64.07
15.04	1.13	38.34	65.81
15.06	1.04	32.34	70.47
15.08	0.98	25.89	89.07
15.10	1.00	20.34	125.70
15.12	1.00	15.45	160.00
15.14	1.02	13.89	197.22
15.16	1.03	13.67	229.20
15.18	1.03	13.45	264.08
15.20	1.05	12.78	300.71
15.22	1.09	13.01	343.16
15.24	1.10	13.45	358.86
15.26	1.08	14.12	355.95
15.28	1.04	15.90	349.55
15.30	1.04	16.34	380.37
15.32	1.08	16.34	422.23
15.34	1.14	16.12	435.02
15.36	1.16	16.35	407.70
15.38	1.15	17.68	365.25
15.40	1.10	18.35	357.11
15.42	1.09	17.68	368.16
15.44	1.09	17.46	378.04
15.46	1.10	17.68	398.39
15.48	1.11	17.68	401.88
15.50	1.09	18.35	392.00

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.08	18.57	379.79
15.54	1.03	18.35	383.86
15.56	1.04	16.79	409.44
15.58	1.05	16.13	423.98
15.60	1.08	15.24	422.23
15.62	1.06	15.02	419.90
15.64	1.04	15.02	402.46
15.66	1.03	15.02	405.95
15.68	1.03	15.47	406.53
15.70	1.03	16.13	396.07
15.72	1.02	16.80	392.00
15.74	1.01	17.91	389.67
15.76	0.99	19.02	393.16
15.78	0.99	19.25	394.90
15.80	0.98	19.02	396.07
15.82	0.97	19.25	381.53
15.84	0.96	19.25	371.65
15.86	0.94	19.69	366.41
15.88	0.93	19.69	380.95
15.90	0.96	19.91	394.90
15.92	0.97	21.02	395.49
15.94	0.99	21.03	523.98
15.96	1.00	20.37	495.49
15.98	0.99	20.81	454.21
16.00	0.98	21.03	408.86
16.02	0.96	21.48	425.72
16.04	0.98	20.81	457.12
16.06	0.99	19.70	458.86
16.08	0.99	19.70	446.07
16.10	1.03	20.81	441.42
16.12	1.04	21.48	445.49
16.14	1.08	21.70	450.14
16.16	1.14	22.14	415.25
16.18	1.17	24.14	347.23
16.20	1.17	28.37	325.71
16.22	1.18	31.03	321.06
16.24	1.18	33.26	307.11
16.26	1.21	34.59	297.80
16.28	1.20	37.26	276.88
16.30	1.20	39.70	264.08
16.32	1.20	39.92	266.41
16.34	1.17	39.48	260.01
16.36	1.17	39.26	260.01
16.38	1.17	38.81	265.83
16.40	1.18	37.70	271.06
16.42	1.18	37.48	260.60
16.44	1.17	37.48	258.27
16.46	1.18	37.70	261.18
16.48	1.18	38.14	262.92
16.50	1.17	37.70	259.43

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.16	37.25	257.69
16.54	1.15	37.70	258.27
16.56	1.15	37.70	264.66
16.58	1.15	37.03	272.80
16.60	1.15	36.14	273.39
16.62	1.11	36.14	265.25
16.64	1.10	36.14	264.66
16.66	1.10	36.14	265.83
16.68	1.09	35.92	273.39
16.70	1.10	34.80	294.90
16.72	1.10	34.58	297.22
16.74	1.10	34.58	304.20
16.76	1.09	34.36	297.80
16.78	1.06	34.36	289.09
16.80	1.05	33.69	290.25
16.82	1.08	33.25	302.46
16.84	1.11	33.47	339.67
16.86	1.16	33.47	360.02
16.88	1.20	32.80	381.53
16.90	1.18	32.36	366.41
16.92	1.16	32.58	323.97
16.94	1.14	32.82	428.05
16.96	1.12	34.37	408.28
16.98	1.14	34.37	440.26
17.00	1.21	32.60	454.79
17.02	1.24	32.37	390.83
17.04	1.23	33.71	321.64
17.06	1.21	34.37	279.78
17.08	1.16	34.60	257.10
17.10	1.11	35.04	236.18
17.12	1.09	36.37	237.92
17.14	1.09	37.48	262.34
17.16	1.10	37.04	279.20
17.18	1.11	34.82	298.39
17.20	1.11	32.82	300.13
17.22	1.09	32.59	286.18
17.24	1.06	32.59	285.01
17.26	1.06	31.93	289.09
17.28	1.06	31.93	293.15
17.30	1.06	32.15	300.13
17.32	1.05	31.93	307.11
17.34	1.05	32.15	287.34
17.36	1.02	32.37	276.29
17.38	1.02	31.48	271.64
17.40	1.00	31.48	281.52
17.42	1.02	31.26	292.57
17.44	1.02	31.03	304.78
17.46	1.02	31.26	324.55
17.48	1.04	30.15	343.74
17.50	1.04	29.92	352.46

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.04	29.70	369.90
17.54	1.04	28.81	379.79
17.56	1.04	28.59	410.02
17.58	1.03	28.37	409.44
17.60	1.00	27.70	412.93
17.62	0.99	27.48	413.51
17.64	0.98	27.26	412.93
17.66	0.98	26.59	426.88
17.68	0.99	25.92	429.79
17.70	0.96	25.26	413.51
17.72	0.93	25.03	428.05
17.74	0.93	24.81	442.00
17.76	0.94	25.26	453.63
17.78	0.96	25.92	449.56
17.80	0.98	25.70	455.95
17.82	0.99	25.92	476.30
17.84	1.04	25.26	512.93
17.86	1.11	25.70	532.70
17.88	1.14	25.70	524.56
17.90	1.10	24.60	529.21
17.92	1.03	24.82	423.98
17.94	1.00	25.93	345.48
17.96	0.98	27.71	347.81
17.98	0.99	28.82	366.41
18.00	1.02	29.48	383.28
18.02	1.05	30.15	402.46
18.04	1.10	30.82	408.28
18.06	1.11	32.37	403.04
18.08	1.11	32.15	398.39
18.10	1.11	31.93	397.81
18.12	1.10	32.37	396.65
18.14	1.11	33.26	387.93
18.16	1.11	34.37	387.35
18.18	1.11	34.59	375.72
18.20	1.10	35.04	377.46
18.22	1.09	35.70	363.50
18.24	1.09	36.37	363.50
18.26	1.06	36.82	376.30
18.28	1.10	36.15	385.60
18.30	1.10	36.82	392.58
18.32	1.10	36.15	385.02
18.34	1.09	35.70	365.25
18.36	1.05	35.26	350.71
18.38	1.04	35.03	353.62
18.40	1.05	34.81	360.02
18.42	1.05	35.26	368.16
18.44	1.08	35.26	382.11
18.46	1.10	35.70	389.09
18.48	1.12	35.70	408.28
18.50	1.17	34.81	417.58



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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	1.18	34.37	410.60
18.54	1.20	33.70	401.88
18.56	1.23	33.70	372.81
18.58	1.25	35.03	363.50
18.60	1.29	35.92	344.32
18.62	1.30	37.70	322.22
18.64	1.33	39.48	322.80
18.66	1.37	39.92	273.97
18.68	1.37	43.26	272.22
18.70	1.42	43.70	261.76
18.72	1.46	44.14	256.52
18.74	1.46	45.03	229.20
18.76	1.46	45.92	210.01
18.78	1.44	47.25	209.43
18.80	1.45	47.92	232.10
18.82	1.44	46.59	289.67
18.84	1.45	48.14	316.41
18.86	1.45	49.48	342.00
18.88	1.37	47.92	482.12
18.90	1.51	48.59	430.37
18.92	1.49	49.03	379.20
18.94	1.48	49.70	358.28
18.96	1.48	49.92	354.79
18.98	1.49	49.92	367.58
19.00	1.53	49.70	375.13
19.02	1.53	51.48	357.69
19.04	1.53	52.81	358.86
19.06	1.52	52.81	368.16
19.08	1.54	51.03	361.18
19.10	1.54	51.70	342.00
19.12	1.52	54.14	314.67
19.14	1.51	56.81	310.60
19.16	1.45	58.36	307.11
19.18	1.45	58.59	329.20
19.20	1.45	59.03	322.80
19.22	1.44	60.36	346.65
19.24	1.47	58.36	368.74
19.26	1.54	56.14	381.53
19.28	1.57	54.80	371.07
19.30	1.54	54.14	365.25
19.32	1.51	54.80	358.86
19.34	1.48	55.69	359.44
19.36	1.46	58.36	354.20
19.38	1.44	61.47	386.76
19.40	1.46	60.58	375.13
19.42	1.44	62.13	408.28
19.44	1.47	61.02	471.07
19.46	1.52	56.13	443.74
19.48	1.53	52.80	434.44
19.50	1.56	49.02	426.88

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.53	48.35	418.16
19.54	1.53	47.24	395.49
19.56	1.52	47.46	394.32
19.58	1.53	47.24	414.09
19.60	1.57	46.57	410.02
19.62	1.58	47.91	395.49
19.64	1.58	48.35	362.34
19.66	1.55	51.91	349.55
19.68	1.55	51.91	343.16
19.70	1.52	51.68	324.55
19.72	1.47	53.24	311.18
19.74	1.41	55.68	314.09
19.76	1.41	55.24	305.36
19.78	1.41	53.46	322.80
19.80	1.43	49.46	342.00
19.82	1.43	49.24	323.97
19.84	1.40	49.68	300.13
19.86	1.39	49.46	332.69
19.88	1.41	43.69	519.91
19.90	1.42	43.25	452.47
19.92	1.41	42.14	436.19
19.94	1.42	41.25	451.30
19.96	1.46	39.25	453.05
19.98	1.46	38.80	425.72
20.00	1.42	37.69	411.77
20.02	1.40	36.80	398.39
20.04	1.35	35.69	388.51
20.06	1.33	35.92	354.20
20.08	1.29	39.69	362.92
20.10	1.30	41.03	372.23
20.12	1.27	42.14	354.79
20.14	1.27	44.36	357.69
20.16	1.24	45.92	347.23
20.18	1.28	47.25	367.00
20.20	1.33	45.69	384.44
20.22	1.34	44.58	393.16
20.24	1.36	45.69	404.79
20.26	1.42	44.36	398.98
20.28	1.44	44.36	395.49
20.30	1.45	45.69	381.53
20.32	1.44	47.91	374.55
20.34	1.46	49.47	368.74
20.36	1.47	50.58	370.49
20.38	1.44	52.80	367.58
20.40	1.45	53.25	364.09
20.42	1.50	53.47	358.28
20.44	1.52	53.25	359.44
20.46	1.52	54.36	340.83
20.48	1.51	59.02	346.65
20.50	1.54	58.58	336.18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	1.51	61.47	336.76
20.54	1.48	63.91	348.97
20.56	1.53	62.80	346.65
20.58	1.53	61.02	332.11
20.60	1.58	59.69	320.48
20.62	1.59	58.36	307.11
20.64	1.58	59.69	322.80
20.66	1.57	61.91	302.46
20.68	1.57	61.46	287.34
20.70	1.57	59.24	252.45
20.72	1.50	57.91	224.55
20.74	1.45	58.58	215.24
20.76	1.40	59.69	244.31
20.78	1.45	57.68	260.01
20.80	1.53	56.13	271.64
20.82	1.59	55.46	286.76
20.84	1.60	55.46	294.90
20.86	1.60	53.46	294.90
20.88	1.58	54.58	344.32
20.90	1.58	57.91	309.43
20.92	1.58	61.69	291.99
20.94	1.60	65.47	289.67
20.96	1.62	67.91	282.10
20.98	1.63	69.02	277.46
21.00	1.64	68.36	266.41
21.02	1.63	66.80	262.92
21.04	1.63	64.36	269.90
21.06	1.65	61.47	268.73
21.08	1.69	60.13	274.55
21.10	1.71	59.24	277.46
21.12	1.72	59.02	291.99
21.14	1.77	57.91	286.18
21.16	1.77	56.13	266.41
21.18	1.75	57.91	246.06
21.20	1.72	58.58	237.34
21.22	1.74	60.13	232.69
21.24	1.70	61.69	223.96
21.26	1.70	65.02	223.38
21.28	1.70	67.68	221.06
21.30	1.70	68.79	214.08
21.32	1.65	69.02	207.69
21.34	1.63	67.68	214.66
21.36	1.64	63.02	212.33
21.38	1.59	60.79	190.82
21.40	1.56	59.68	182.10
21.42	1.56	59.46	178.61
21.44	1.58	58.35	178.61
21.46	1.58	58.13	180.36
21.48	1.56	61.68	191.40
21.50	1.57	62.12	205.36

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	1.65	60.79	228.03
21.54	1.69	59.46	226.87
21.56	1.70	59.24	218.73
21.58	1.74	58.57	223.38
21.60	1.72	59.01	216.40
21.62	1.67	59.46	199.54
21.64	1.65	59.68	207.10
21.66	1.65	59.23	212.33
21.68	1.64	58.35	214.66
21.70	1.63	58.12	201.87
21.72	1.58	58.57	189.08
21.74	1.52	58.12	169.89
21.76	1.46	56.57	162.33
21.78	1.43	56.12	171.05
21.80	1.44	53.90	178.61
21.82	1.45	52.12	178.03
21.84	1.41	51.90	180.36
21.86	1.39	48.56	185.01
21.88	1.40	43.47	462.93
21.90	1.42	41.25	461.19
21.92	1.45	39.69	446.65
21.94	1.44	41.02	434.44
21.96	1.45	40.58	435.60
21.98	1.44	39.91	428.63
22.00	1.46	39.69	451.30
22.02	1.45	38.80	436.19
22.04	1.45	38.80	446.07
22.06	1.46	38.14	440.84
22.08	1.47	37.25	455.37
22.10	1.51	36.80	480.96
22.12	1.57	36.36	503.63
22.14	1.62	37.47	505.96
22.16	1.65	38.36	508.86
22.18	1.66	39.69	508.28
22.20	1.70	41.25	511.77
22.22	1.72	43.47	491.42
22.24	1.74	44.36	450.72
22.26	1.71	45.92	401.88
22.28	1.68	48.58	383.28
22.30	1.62	51.03	375.13
22.32	1.63	52.80	371.65
22.34	1.60	52.14	356.53
22.36	1.62	52.80	365.25
22.38	1.58	52.14	335.02
22.40	1.52	51.69	308.85
22.42	1.45	49.91	296.06
22.44	1.40	47.47	283.27
22.46	1.32	46.58	264.08
22.48	1.23	45.02	250.13
22.50	1.17	43.69	236.18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.10	42.14	237.92
22.54	1.06	37.25	236.18
22.56	1.01	32.36	237.34
22.58	0.97	27.69	242.57
22.60	0.96	23.69	257.69
22.62	0.97	19.25	279.78
22.64	0.99	15.25	306.53
22.66	1.04	12.80	325.71
22.68	1.06	11.25	339.67
22.70	1.08	9.91	360.02
22.72	1.08	9.25	387.93
22.74	1.06	8.58	396.07
22.76	1.02	8.14	378.04
22.78	0.93	7.03	354.20
22.80	0.86	6.58	352.46
22.82	0.85	6.14	396.65
22.84	0.88	5.70	455.37
22.86	0.94	5.49	648.99
22.88	1.00	7.04	658.29
22.90	1.00	7.93	647.24
22.92	0.99	8.82	639.69
22.94	0.97	8.82	650.73
22.96	0.97	8.82	661.78
22.98	0.95	8.60	660.62
23.00	0.94	8.82	664.69
23.02	0.94	8.60	671.66
23.04	0.93	7.93	677.48
23.06	0.93	7.49	683.88
23.08	0.93	7.04	686.78
23.10	0.94	7.05	695.50
23.12	0.94	6.83	712.36
23.14	0.95	6.60	714.11
23.16	0.95	6.83	711.20
23.18	0.97	6.83	711.20
23.20	1.00	6.83	735.62
23.22	1.05	7.49	725.16
23.24	1.07	6.83	703.06
23.26	1.05	8.61	623.40
23.28	1.00	9.94	615.85
23.30	1.00	9.27	624.57
23.32	1.03	9.05	668.18
23.34	1.10	8.83	671.66
23.36	1.15	9.05	689.69
23.38	1.19	9.05	741.43
23.40	1.24	9.50	714.11
23.42	1.21	10.16	592.01
23.44	1.15	12.38	532.70
23.46	1.09	14.38	538.52
23.48	1.11	14.38	580.96
23.50	1.11	13.94	594.91

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.12	14.16	618.17
23.54	1.11	15.94	620.50
23.56	1.10	14.83	610.03
23.58	1.06	12.83	589.10
23.60	1.03	11.94	606.54
23.62	1.01	10.39	642.59
23.64	1.05	8.83	694.34
23.66	1.10	8.16	748.41
23.68	1.15	7.72	771.67
23.70	1.16	8.61	754.81
23.72	1.16	9.27	739.69
23.74	1.17	9.94	750.74
23.76	1.17	11.05	764.11
23.78	1.19	11.27	780.97
23.80	1.26	11.50	809.46
23.82	1.33	13.05	835.05
23.84	1.40	12.83	780.97
23.86	1.42	13.50	515.26
23.88	1.37	19.28	433.28
23.90	1.29	25.05	423.40
23.92	1.31	30.17	502.47
23.94	1.35	32.83	582.70
23.96	1.45	30.39	612.94
23.98	1.49	32.83	607.12
24.00	1.46	34.39	627.48
24.02	1.47	29.72	611.78
24.04	1.45	28.61	581.54
24.06	1.43	29.05	603.06
24.08	1.47	29.50	646.08
24.10	1.52	28.83	692.60
24.12	1.58	27.50	714.11
24.14	1.59	28.16	739.69
24.16	1.57	27.27	732.13
24.18	1.59	25.27	692.01
24.20	1.65	29.05	752.48
24.22	1.79	29.05	836.21
24.24	1.85	28.61	780.97
24.26	1.82	29.50	689.69
24.28	1.81	32.16	602.48
24.30	1.77	39.27	601.89
24.32	1.83	44.38	750.74
24.34	2.03	42.38	801.32
24.36	2.21	41.72	775.74
24.38	2.37	43.49	594.91
24.40	2.35	51.05	450.72
24.42	2.27	55.72	328.04
24.44	2.15	61.49	258.27
24.46	2.06	70.38	207.10
24.48	1.97	81.27	184.43
24.50	1.91	90.38	183.26

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.84	96.60	196.64
24.54	1.82	94.60	213.50
24.56	1.87	86.16	240.82
24.58	1.89	78.82	261.76
24.60	1.96	71.49	287.34
24.62	2.02	63.49	302.46
24.64	2.05	60.37	284.43
24.66	2.04	60.37	266.41
24.68	1.97	63.26	249.55
24.70	1.93	66.81	237.92
24.72	1.85	69.48	209.43
24.74	1.81	71.26	194.31
24.76	1.73	71.70	168.73
24.78	1.68	72.36	173.38
24.80	1.65	71.25	187.91
24.82	1.65	68.81	198.96
24.84	1.69	65.92	223.96
24.86	1.70	61.69	586.78
24.88	1.78	59.25	612.94
24.90	1.83	54.59	586.78
24.92	1.90	51.92	597.24
24.94	1.98	49.70	541.42
24.96	1.98	51.47	456.53
24.98	2.02	54.58	425.14
25.00	2.06	55.47	368.16
25.02	2.06	58.58	305.36
25.04	2.02	64.58	261.18
25.06	1.95	68.14	200.70
25.08	1.83	71.25	153.03
25.10	1.71	72.36	122.80
25.12	1.60	72.58	96.63
25.14	1.51	72.58	77.44
25.16	1.38	70.36	56.51
25.18	1.26	68.36	51.28
25.20	1.18	64.36	55.93
25.22	1.13	56.13	68.72
25.24	1.14	45.02	90.82
25.26	1.14	36.13	112.33
25.28	1.11	28.80	131.52
25.30	1.08	21.69	138.50
25.32	1.05	17.24	148.96
25.34	1.03	15.02	173.96
25.36	1.09	12.58	233.27
25.38	1.17	10.36	319.32
25.40	1.29	10.36	389.67
25.42	1.39	12.36	466.42
25.44	1.48	15.02	508.86
25.46	1.60	17.69	563.52
25.48	1.74	19.25	512.93
25.50	1.75	26.14	466.42

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	1.72	32.58	418.16
25.54	1.69	41.25	399.56
25.56	1.70	46.58	379.20
25.58	1.69	51.03	364.67
25.60	1.65	57.03	369.90
25.62	1.64	59.03	396.65
25.64	1.64	56.14	426.88
25.66	1.64	51.03	411.77
25.68	1.63	49.70	417.58
25.70	1.60	49.25	403.04
25.72	1.58	49.03	406.53
25.74	1.56	48.14	399.56
25.76	1.54	48.59	411.19
25.78	1.52	49.92	417.00
25.80	1.52	49.25	433.86
25.82	1.53	46.81	448.98
25.84	1.56	44.59	464.10
25.86	1.56	44.15	697.83
25.88	1.58	43.26	664.69
25.90	1.59	42.15	640.27
25.92	1.59	42.37	637.94
25.94	1.60	41.93	614.69
25.96	1.58	42.59	586.78
25.98	1.56	43.48	569.33
26.00	1.56	43.70	565.84
26.02	1.56	42.59	579.80
26.04	1.57	41.26	610.61
26.06	1.60	39.70	657.13
26.08	1.65	37.48	640.85
26.10	1.66	37.70	665.27
26.12	1.71	34.59	699.57
26.14	1.76	33.26	685.04
26.16	1.75	34.37	668.76
26.18	1.77	35.26	685.04
26.20	1.82	36.37	669.92
26.22	1.85	38.59	623.40
26.24	1.88	41.26	576.89
26.26	1.88	46.15	558.29
26.28	1.89	48.37	511.77
26.30	1.87	50.82	485.02
26.32	1.88	52.37	469.91
26.34	1.90	54.81	471.07
26.36	1.92	55.92	489.68
26.38	1.93	55.26	504.21
26.40	1.93	54.15	503.05
26.42	1.95	53.92	498.40
26.44	2.00	53.92	486.77
26.46	1.99	54.37	453.05
26.48	1.94	55.26	392.58
26.50	1.89	57.26	373.39

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.84	58.14	354.79
26.54	1.80	58.59	329.20
26.56	1.70	58.59	289.67
26.58	1.64	58.59	266.41
26.60	1.53	59.03	244.31
26.62	1.46	56.59	235.59
26.64	1.39	54.59	237.34
26.66	1.33	51.70	269.31
26.68	1.35	43.70	319.90
26.70	1.42	35.92	383.28
26.72	1.51	30.14	455.95
26.74	1.57	25.92	520.49
26.76	1.57	22.59	531.54
26.78	1.54	20.14	520.49
26.80	1.52	19.92	496.65
26.82	1.46	22.14	427.46
26.84	1.35	29.03	365.25
26.86	1.51	18.82	623.40
26.88	1.48	23.49	555.38
26.90	1.39	25.71	510.03
26.92	1.31	24.15	516.42
26.94	1.29	22.37	532.70
26.96	1.34	19.71	615.27
26.98	1.60	17.26	829.81
27.00	2.17	16.37	922.26
27.02	2.79	15.93	478.63
27.04	3.47	24.60	310.60
27.06	4.11	38.38	173.38
27.08	4.45	51.71	71.63
27.10	4.60	51.49	19.88
27.12	4.53	46.60	-2.21
27.14	4.31	42.60	-19.07
27.16	3.89	41.04	-37.68
27.18	3.54	47.49	-49.31
27.20	3.47	58.38	-44.08
27.22	3.39	68.15	-43.50
27.24	2.93	74.82	-55.70
27.26	2.44	77.49	-62.68
27.28	2.09	54.38	-63.26
27.30	1.72	44.38	-62.10
27.32	1.57	38.82	-58.03
27.34	1.51	34.82	-51.05
27.36	1.63	31.26	-35.35
27.38	2.09	27.04	8.83
27.40	3.21	19.71	257.10
27.42	4.52	22.15	411.77
27.44	6.25	26.59	223.38
27.46	7.64	33.70	143.73
27.48	8.37	39.70	82.68
27.50	8.61	45.03	47.79

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.52	8.56	46.15	28.02
27.54	8.45	42.59	16.98
27.56	8.44	45.48	11.16
27.58	8.53	45.92	8.83
27.60	8.61	45.92	6.51
27.62	8.87	48.14	7.67
27.64	9.38	44.59	14.65
27.66	9.85	45.70	21.05
27.68	10.12	44.59	20.46
27.70	10.22	48.59	19.30
27.72	10.35	53.03	19.88
27.74	10.40	56.81	16.40
27.76	10.15	46.81	10.00
27.78	9.95	39.92	7.09
27.80	9.49	49.25	1.86
27.82	9.01	50.58	-3.38
27.84	8.59	44.80	-7.44
27.86	7.90	20.79	178.03
27.88	7.39	17.46	63.49
27.90	5.93	33.24	0.11
27.92	4.51	55.24	-31.28
27.94	3.76	84.35	-43.50
27.96	3.24	110.57	-49.89
27.98	2.66	118.35	-52.21
28.00	2.45	89.90	-46.98
28.02	2.31	90.35	-44.66
28.04	2.33	91.68	-42.91
28.06	2.31	98.34	-37.68
28.08	2.25	101.01	-33.61
28.10	2.17	99.45	-27.80
28.12	2.21	93.45	-23.72
28.14	2.22	88.78	-22.56
28.16	2.12	88.78	-23.72
28.18	2.03	90.33	-24.30
28.20	1.97	93.22	-21.98
28.22	1.94	93.22	-20.24
28.24	1.97	90.11	-15.59
28.26	1.97	85.88	-10.35
28.28	1.99	80.99	-5.12
28.30	2.03	77.88	-0.47
28.32	2.12	76.32	5.93
28.34	2.22	76.10	10.58
28.36	2.32	77.21	16.98
28.38	2.35	79.21	21.05
28.40	2.33	80.54	20.46
28.42	2.33	82.77	21.05
28.44	2.32	84.99	22.21
28.46	2.30	88.32	23.95
28.48	2.28	87.43	22.79
28.50	2.15	90.10	21.63

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.52	2.09	90.32	18.14
28.54	2.05	89.65	19.88
28.56	2.04	90.10	22.21
28.58	2.06	90.10	24.53
28.60	2.03	89.65	28.60
28.62	2.06	86.09	29.19
28.64	2.06	83.43	32.09
28.66	2.05	82.98	32.09
28.68	2.04	81.65	27.44
28.70	1.96	86.31	24.53
28.72	1.94	89.20	28.02
28.74	1.97	89.65	35.00
28.76	1.98	90.31	44.30
28.78	2.06	90.76	55.35
28.80	2.16	90.76	65.81
28.82	2.26	87.65	61.16
28.84	2.25	87.20	53.02
28.86	2.15	86.77	112.91
28.88	2.19	94.77	118.72
28.90	2.18	99.00	114.08
28.92	2.10	103.44	100.70
28.94	2.04	104.33	90.82
28.96	1.97	105.66	73.96
28.98	1.87	111.00	66.40
29.00	1.81	113.00	67.56
29.02	1.79	105.66	75.12
29.04	1.79	95.88	82.68
29.06	1.76	85.44	85.59
29.08	1.75	79.44	91.98
29.10	1.75	73.88	100.70
29.12	1.74	68.11	107.68
29.14	1.74	62.55	117.56
29.16	1.75	57.22	127.45
29.18	1.74	55.88	135.00
29.20	1.75	54.77	145.47
29.22	1.74	55.22	153.61
29.24	1.71	55.44	141.98
29.26	1.68	57.22	143.15
29.28	1.61	60.11	148.96
29.30	1.57	61.88	161.75
29.32	1.57	61.88	176.29
29.34	1.61	57.00	194.31
29.36	1.59	55.89	212.92
29.38	1.58	54.33	251.87
29.40	1.69	46.11	304.20
29.42	1.75	42.55	368.16
29.44	1.87	41.22	426.30
29.46	1.95	39.44	432.70
29.48	1.99	39.44	397.81
29.50	1.99	40.78	353.62

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.52	1.97	44.78	312.92
29.54	2.00	49.45	302.46
29.56	2.06	55.89	324.55
29.58	2.18	61.67	376.88
29.60	2.22	65.67	383.28
29.62	2.31	63.23	378.04
29.64	2.36	63.89	336.18
29.66	2.31	65.67	258.27
29.68	2.28	68.78	216.40
29.70	2.28	71.45	229.78
29.72	2.36	74.78	232.10
29.74	2.37	81.45	221.64
29.76	2.39	87.90	210.59
29.78	2.33	90.79	210.59
29.80	2.25	89.90	182.68
29.82	2.12	87.68	135.59
29.84	2.01	85.23	112.91
29.86	1.87	75.68	416.42
29.88	1.91	78.80	423.40
29.90	1.94	79.24	466.42
29.92	1.98	73.24	511.19
29.94	2.01	67.02	587.36
29.96	2.18	56.79	664.10
29.98	2.32	55.24	762.37
30.00	2.47	49.68	747.83
30.02	2.62	44.57	630.38
30.04	2.73	47.91	578.63
30.06	2.74	54.79	505.38
30.08	2.76	61.91	458.28
30.10	2.72	70.35	405.37
30.12	2.62	78.80	359.44
30.14	2.48	86.80	329.79
30.16	2.44	90.80	299.55
30.18	2.43	93.46	318.74
30.20	2.40	93.69	388.51
30.22	2.53	78.79	482.70
30.24	2.60	67.68	508.86
30.26	2.55	66.35	512.93
30.28	2.55	60.79	478.63
30.30	2.46	57.68	455.37
30.32	2.41	56.13	493.17
30.34	2.52	54.57	590.26
30.36	2.71	54.57	693.18
30.38	2.81	57.24	753.65
30.40	2.88	51.68	697.25
30.42	2.79	51.02	537.35
30.44	2.72	57.02	445.49
30.46	2.73	63.46	400.14
30.48	2.70	71.46	360.02
30.50	2.55	83.68	350.71

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.52	2.48	91.46	385.02
30.54	2.43	96.35	414.09
30.56	2.37	97.24	430.95
30.58	2.35	94.79	462.35
30.60	2.37	87.46	469.91
30.62	2.39	79.46	435.60
30.64	2.37	73.24	394.90
30.66	2.31	74.35	362.34
30.68	2.19	79.24	368.16
30.70	2.18	76.57	379.79
30.72	2.24	71.68	422.23
30.74	2.48	68.12	544.91
30.76	2.74	66.57	630.38
30.78	3.00	61.01	504.21
30.80	2.96	54.12	264.66
30.82	2.54	50.57	143.73
30.84	2.35	44.79	137.91
30.86	2.35	44.79	137.91
30.88	2.82	57.91	503.05
30.90	2.82	57.25	332.69
30.92	2.68	63.91	202.45
30.94	2.48	80.13	160.59
30.96	2.40	90.13	122.80
30.98	2.27	100.80	110.00
31.00	2.19	113.47	118.72
31.02	2.17	118.36	142.56
31.04	2.18	114.80	189.08
31.06	2.19	103.24	243.73
31.08	2.22	89.69	287.92
31.10	2.22	78.80	310.60
31.12	2.23	69.91	329.79
31.14	2.24	67.46	351.30
31.16	2.28	64.35	375.72
31.18	2.30	65.02	364.09
31.20	2.30	65.02	364.09
31.22	2.31	73.68	329.20
31.24	2.31	76.35	320.48
31.26	2.29	77.90	306.53
31.28	2.24	78.79	299.55
31.30	2.19	80.12	309.43
31.32	2.22	81.68	360.60
31.34	2.24	80.35	460.60
31.36	2.41	71.90	573.40
31.38	2.50	67.46	581.54
31.40	2.47	65.46	548.40
31.42	2.47	63.01	496.07
31.44	2.37	63.46	484.44
31.46	2.30	59.68	503.63
31.48	2.31	58.57	502.47
31.50	2.35	64.12	400.14

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.52	2.36	75.46	509.45
31.54	2.47	73.90	592.01
31.56	2.53	67.46	457.70
31.58	2.48	70.57	350.13
31.60	2.41	77.90	346.65
31.62	2.35	83.46	304.20
31.64	2.30	82.57	286.76
31.66	2.35	82.79	260.01
31.68	2.34	91.24	268.73
31.70	2.37	93.90	324.55
31.72	2.41	90.79	371.65
31.74	2.41	87.68	392.58
31.76	2.47	81.90	423.98
31.78	2.47	74.35	310.01
31.80	2.37	77.90	243.15
31.82	2.24	84.35	210.59
31.84	2.16	89.01	211.17
31.86	2.07	87.69	548.40
31.88	2.08	85.47	562.36
31.90	2.11	85.25	551.31
31.92	2.11	85.25	551.31
31.94	2.05	64.36	521.66
31.96	2.05	64.36	521.66
31.98	2.05	64.36	521.66
32.00	2.05	64.36	521.66
32.02	2.06	53.24	586.20
32.04	2.06	53.24	586.20
32.06	2.03	52.13	590.26
32.08	2.03	52.13	590.26
32.10	2.08	47.47	662.36
32.12	2.15	48.13	674.57
32.14	2.22	49.02	698.99
32.16	2.23	47.47	610.03
32.18	2.13	48.58	512.93
32.20	2.01	49.69	467.00
32.22	1.95	55.69	480.96
32.24	1.94	63.25	578.05
32.26	2.06	56.14	726.32
32.28	2.20	53.02	820.51
32.30	2.20	53.02	820.51
32.32	2.47	44.36	783.88
32.34	2.47	44.36	783.88
32.36	2.46	44.36	727.48
32.38	2.48	49.69	782.13
32.40	2.63	52.14	871.10
32.42	2.73	54.59	951.33
32.44	2.83	57.03	819.93
32.46	2.80	63.25	746.67
32.48	2.75	64.36	672.25
32.50	2.65	63.03	669.92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.52	2.63	62.59	705.39
32.54	2.71	67.47	750.74
32.56	2.82	74.81	823.42
32.58	2.96	72.59	638.52
32.60	2.85	81.25	495.49
32.62	2.75	91.70	492.59
32.64	2.71	98.36	541.42
32.66	2.72	100.14	608.29
32.68	2.85	92.80	675.73
32.70	2.92	91.25	678.64
32.72	2.90	91.25	622.82
32.74	2.76	82.36	569.33
32.76	2.60	76.36	480.96
32.78	2.49	76.58	430.37
32.80	2.46	77.91	465.84
32.82	2.49	73.69	480.38
32.84	2.65	66.36	628.64
32.86	2.65	66.36	628.64
32.88	3.38	69.47	162.33
32.90	3.22	77.47	252.45
32.92	3.61	83.92	293.15
32.94	4.45	86.14	487.35
32.96	4.87	81.92	147.21
32.98	4.71	79.92	33.84
33.00	4.12	76.14	-5.70
33.02	3.54	76.36	-26.05
33.04	3.12	69.47	-40.00
33.06	2.91	77.25	-40.59
33.08	2.80	79.25	-10.35
33.10	2.84	79.47	8.25
33.12	2.91	79.02	25.70
33.14	2.94	75.25	63.49
33.16	2.72	73.02	37.90
33.18	2.55	68.36	48.37
33.20	2.78	70.36	136.17
33.22	3.21	71.69	328.62
33.24	3.27	65.24	219.31
33.26	2.85	72.80	33.26
33.28	2.65	71.91	12.90
33.30	2.97	71.69	54.77
33.32	3.24	72.80	166.40
33.34	3.10	70.58	94.89
33.36	2.79	75.24	22.21
33.38	2.44	75.46	-3.38
33.40	2.27	67.68	14.65
33.42	2.08	62.57	19.30
33.44	1.91	58.35	41.40
33.46	1.87	56.58	93.72
33.48	1.81	52.13	144.31
33.50	1.81	52.13	144.31

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
33.52	1.81	43.69	296.06
33.54	1.83	37.69	390.83
33.56	1.83	37.69	390.83
33.58	1.80	33.47	462.93
33.60	1.80	33.47	462.93
33.62	1.80	33.91	557.12
33.64	1.77	34.36	589.10
33.66	1.77	34.36	589.10
33.68	1.71	37.69	615.27
33.70	1.71	37.69	615.27
33.72	1.72	41.02	657.13
33.74	1.77	41.92	723.41
33.76	1.90	42.14	750.16
33.78	1.90	42.14	750.16
33.80	2.10	47.03	617.59
33.82	2.10	47.03	617.59
33.84	1.78	44.82	701.32
33.86	2.06	54.15	703.06
33.88	2.06	54.15	703.06
33.90	2.02	59.48	594.33
33.92	2.02	61.70	546.08
33.94	2.02	61.70	546.08
33.96	2.02	61.70	546.08
33.98	2.05	61.03	548.98
34.00	2.05	61.03	548.98
34.02	2.05	61.03	548.98
34.04	2.05	61.03	548.98
34.06	2.07	57.03	568.75
34.08	2.07	57.03	568.75
34.10	2.08	55.70	543.17
34.12	2.04	54.59	529.80
34.14	2.02	54.14	473.98
34.16	1.95	59.48	461.77
34.18	1.92	61.48	473.98
34.20	1.92	61.48	507.70
34.22	1.95	60.37	573.40
34.24	2.06	58.14	629.22
34.26	2.17	56.59	665.85
34.28	2.24	53.03	623.99
34.30	2.13	52.37	554.80
34.32	1.89	45.92	507.12
34.34	1.78	40.81	528.05
34.36	1.76	39.70	601.31
34.38	1.77	37.48	655.39
34.40	1.80	37.03	712.95
34.42	1.81	36.15	750.74
34.44	1.81	35.92	769.92
34.46	1.80	33.92	762.37
34.48	1.76	33.70	761.20
34.50	1.75	33.70	793.18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
34.52	1.77	34.82	827.49
34.54	1.78	35.04	841.44
34.56	1.80	34.60	830.98
34.58	1.82	34.82	831.56
34.60	1.81	34.60	798.41
34.62	1.77	33.93	769.34
34.64	1.73	34.82	750.74
34.66	1.71	35.71	768.76
34.68	1.71	35.04	769.34
34.70	1.69	35.27	754.81
34.72	1.65	35.04	769.92
34.74	1.70	32.82	839.11
34.76	1.77	30.38	903.07
34.78	1.90	29.04	980.99
34.80	2.08	28.60	990.87
34.82	2.23	29.71	966.45
34.84	2.17	23.72	1054.82
34.86	2.35	28.83	756.55
34.88	2.29	37.50	642.59
34.90	2.21	45.05	610.61
34.92	2.20	51.94	633.29
34.94	2.24	56.61	669.34
34.96	2.30	60.17	737.37
34.98	2.35	60.83	764.69
35.00	2.35	59.72	732.71
35.02	2.33	55.27	673.99
35.04	2.33	53.27	632.71
35.06	2.26	56.16	607.70
35.08	2.30	56.83	595.50
35.10	2.31	60.38	541.42
35.12	2.30	65.72	532.12
35.14	2.32	69.05	512.93
35.16	2.35	71.71	502.47
35.18	2.35	73.05	494.91
35.20	2.38	72.82	471.07
35.22	2.37	76.60	447.23
35.24	2.36	77.93	435.60
35.26	2.36	78.60	421.65
35.28	2.33	79.26	386.18
35.30	2.28	79.93	378.62
35.32	2.26	78.82	382.11
35.34	2.24	78.82	392.00
35.36	2.20	76.60	369.32
35.38	2.12	75.70	361.76
35.40	2.08	73.04	360.60
35.42	2.05	69.26	391.41
35.44	2.02	66.59	408.28
35.46	1.96	65.03	404.20
35.48	1.90	61.92	400.14
35.50	1.81	59.48	407.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
35.52	1.75	55.70	455.95
35.54	1.70	50.81	528.05
35.56	1.70	43.26	576.89
35.58	1.73	35.92	675.15
35.60	1.82	29.03	807.14
35.62	1.96	26.15	876.91
35.64	2.11	22.81	981.57
35.66	2.16	21.04	887.96
35.68	2.14	25.26	758.30
35.70	2.11	32.60	750.16
35.72	2.08	37.26	756.55
35.74	2.08	41.04	769.92
35.76	2.07	44.60	797.25
35.78	2.06	45.71	835.63
35.80	2.08	45.04	868.77
35.82	2.11	42.15	882.72
35.84	2.06	22.79	1225.77
35.86	2.19	25.24	1210.07
35.88	2.29	28.79	1132.74
35.90	2.35	33.68	1040.29
35.92	2.40	40.13	971.10
35.94	2.41	45.90	892.60
35.96	2.43	50.57	848.42
35.98	2.47	54.57	774.58
36.00	2.48	60.79	726.32
36.02	2.52	63.46	665.85
36.04	2.50	67.68	613.52
36.06	2.52	70.57	605.38
36.08	2.55	71.46	603.64
36.10	2.61	71.46	598.40
36.12	2.60	73.24	560.61
36.14	2.53	73.90	520.49
36.16	2.47	73.68	495.49
36.18	2.43	71.90	493.75
36.20	2.30	69.02	464.10
36.22	2.15	65.68	417.00
36.24	2.03	65.02	380.95
36.26	1.89	66.79	378.62
36.28	1.88	58.57	419.90
36.30	1.84	52.35	462.93
36.32	1.88	46.79	542.59
36.34	2.00	43.68	652.48
36.36	2.24	37.46	798.41
36.38	2.46	33.68	829.81
36.40	2.55	34.57	760.62
36.42	2.58	41.68	739.69
36.44	2.67	45.68	747.25
36.46	2.76	51.68	632.71
36.48	2.67	63.02	560.61
36.50	2.67	63.02	560.61

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Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
36.52	2.52	81.46	465.26
36.54	2.46	87.91	482.70
36.56	2.46	87.91	482.70
36.58	2.55	89.24	597.24
36.60	2.56	80.58	624.57
36.62	2.53	73.91	602.48
36.64	2.50	70.58	605.96
36.66	2.54	65.02	635.61
36.68	2.52	62.58	651.90
36.70	2.48	62.80	648.40
36.72	2.47	66.58	663.52
36.74	2.49	70.80	639.69
36.76	2.48	74.13	602.48
36.78	2.42	81.47	807.14
36.80	2.42	86.14	777.49
36.82	2.36	86.36	714.11
36.84	2.28	84.14	685.04
36.86	2.22	77.47	672.83
36.88	2.18	70.36	651.31
36.90	2.11	64.14	634.45
36.92	2.11	60.58	626.90
36.94	2.08	59.02	641.43
36.96	2.08	57.91	673.41
36.98	2.11	56.58	691.43
37.00	2.13	56.13	715.27
37.02	2.18	55.25	692.60
37.04	2.16	56.80	704.80
37.06	2.18	55.69	722.83
37.08	2.17	55.47	687.94
37.10	2.11	57.02	676.90
37.12	2.11	57.25	720.50
37.14	2.11	57.25	749.58
37.16	2.11	54.58	739.11
37.18	2.08	53.02	714.11
37.20	2.05	52.36	692.60
37.22	2.00	50.58	696.09
37.24	1.98	47.91	701.90
37.26	1.95	46.58	696.67
37.28	1.94	46.58	702.48
37.30	1.93	45.91	722.25
37.32	1.94	43.47	747.83
37.34	1.94	42.36	745.50
37.36	1.92	41.69	728.64
37.38	1.88	41.25	730.39
37.40	1.84	40.58	734.46
37.42	1.82	39.47	719.34
37.44	1.80	38.80	711.20
37.46	1.72	38.59	705.39
37.48	1.71	36.81	725.74
37.50	1.69	34.81	725.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
37.52	1.66	33.48	748.41
37.54	1.66	31.26	774.58
37.56	1.68	30.14	809.46
37.58	1.71	28.81	840.28
37.60	1.73	28.81	877.49
37.62	1.78	28.37	911.80
37.64	1.82	29.03	932.72
37.66	1.88	29.48	963.54
37.68	1.94	29.48	952.50
37.70	1.97	31.04	894.35
37.72	1.95	33.48	862.95
37.74	1.95	35.04	862.37
37.76	1.97	37.71	886.21
37.78	1.99	39.49	912.96
37.80	2.07	39.71	935.63
37.82	2.01	45.05	836.21
37.84	1.97	49.05	781.55
37.86	1.95	53.49	783.30
37.88	1.96	55.27	757.13
37.90	1.94	56.60	735.62
37.92	1.93	59.27	717.01
37.94	1.94	59.27	722.83
37.96	1.94	56.60	691.43
37.98	1.94	55.71	683.29
38.00	1.93	55.49	669.34
38.02	1.90	54.60	663.52
38.04	1.93	53.04	657.13
38.06	1.90	52.15	626.31
38.08	1.90	53.04	590.85
38.10	1.89	54.38	574.57
38.12	1.87	54.38	575.15
38.14	1.83	54.38	550.15
38.16	1.83	55.49	562.94
38.18	1.83	55.49	601.31
38.20	1.85	54.60	607.70
38.22	1.88	53.27	635.61
38.24	1.89	52.38	657.13
38.26	1.93	50.60	655.39
38.28	1.93	50.60	657.71
38.30	1.90	49.49	697.83
38.32	1.93	48.38	708.88
38.34	1.89	46.60	723.41
38.36	1.89	44.82	773.41
38.38	1.95	41.04	776.90
38.40	1.95	39.93	794.93
38.42	1.97	37.04	811.20
38.44	1.96	35.27	786.79
38.46	1.96	33.71	773.41
38.48	1.94	32.38	757.13
38.50	1.93	31.93	806.56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
38.52	1.90	31.93	833.88
38.54	1.90	30.82	830.98
38.56	1.90	29.71	825.74
38.58	1.88	29.05	846.09
38.60	1.91	28.16	917.03
38.62	2.03	27.05	949.59
38.64	2.23	27.49	967.03
38.66	2.43	29.05	851.32
38.68	2.43	32.38	707.13
38.70	2.29	32.83	588.52
38.72	2.08	33.72	561.78
38.74	1.97	31.50	614.10
38.76	1.95	29.94	687.36
38.78	2.38	47.28	607.70
38.80	2.08	48.16	451.89
38.82	1.85	46.16	439.09
38.84	1.70	40.16	519.33
38.86	1.72	31.94	664.10
38.88	1.78	28.39	759.46
38.90	1.84	27.50	837.95
38.92	1.84	27.50	837.95
38.94	1.90	28.83	880.98
38.96	1.90	28.83	880.98
38.98	1.93	28.16	896.68
39.00	1.93	31.05	852.49
39.02	1.91	33.72	833.88
39.04	1.90	35.94	817.60
39.06	1.85	40.16	815.86
39.08	1.84	40.61	852.49
39.10	1.85	40.16	820.51
39.12	1.84	41.27	787.37
39.14	1.79	42.16	760.62
39.16	1.71	43.05	709.46
39.18	1.61	43.72	658.87
39.20	1.54	43.27	651.31
39.22	1.50	41.72	690.27
39.24	1.69	38.39	892.60
39.26	2.21	35.72	1117.62
39.28	2.59	32.83	740.85
39.30	2.59	30.38	435.60
39.32	2.18	29.05	287.92
39.34	1.85	29.72	275.13
39.36	1.71	29.72	442.00
39.38	1.82	23.94	637.94
39.40	1.89	23.27	733.30
39.42	1.81	27.72	667.01
39.44	1.78	29.94	742.60
39.46	1.83	28.16	821.09
39.48	1.85	25.94	870.51
39.50	1.90	23.94	889.12

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Committente AUTOSTRADA DEL BRENNERO SPA

Località CAMPOGALLIANO

Cantiere SOVRAPASSO N°141

Data 08\03\12

Preforo 0.50 m. p.c. Falda 2.70 ml

Prova 1

Cert. N. 90/2012

Emesso il 09/03/12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
39.52	1.91	26.61	879.81
39.54	1.94	29.05	905.40
39.56	1.96	32.16	924.59
39.58	1.96	35.05	949.59
39.60	2.01	36.39	975.17
39.62	2.05	37.72	979.24
39.64	2.08	39.50	962.38
39.66	2.07	40.61	955.98
39.68	2.05	41.72	926.33
39.70	2.01	41.72	921.68
39.72	1.95	40.61	920.51
39.74	1.96	38.61	942.61
39.76	2.01	39.72	974.00
39.78	2.41	30.39	1129.83
39.80	2.63	32.61	982.15
39.82	2.68	36.17	869.35
39.84	2.69	41.06	683.88
39.86	2.59	46.83	523.40
39.88	2.45	45.72	573.40
39.90	2.43	43.05	614.10
39.92	2.33	42.17	585.03
39.94	2.29	41.72	607.12
39.96	2.21	44.39	625.73
39.98	2.14	49.05	618.17
40.00	2.03	55.28	611.78
40.02	1.94	59.05	615.27
40.04	1.90	56.16	654.80
40.06	1.90	51.72	752.48
40.08	1.91	44.16	815.86
40.10	1.93	36.83	908.89
40.12	2.01	31.27	1022.85
40.14	2.18	29.05	1037.38
40.16	2.21	30.83	1078.66
40.18	2.30	31.05	1050.76
40.20	2.31	35.72	955.40
40.22	2.30	40.61	894.93
40.24	2.29	47.27	873.42
40.26	2.29	54.83	883.89
40.28	2.31	59.05	922.84
40.30	2.30	62.61	922.26
40.32	2.31	63.05	870.51
40.34	2.30	62.83	808.30
40.36	2.26	63.50	851.90
40.38	2.24	62.83	862.95
40.40	2.20	65.05	900.17
40.42	2.32	65.05	1008.31
40.44	2.43	65.49	1010.06
40.46	2.49	64.60	922.84
40.48	2.56	64.16	842.60
40.50	2.57	67.04	861.21

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
40.52	2.57	67.71	861.79
40.54	2.56	67.49	805.98
40.56	2.53	69.93	782.13
40.58	2.47	70.60	796.09
40.60	2.41	68.15	779.81
40.62	2.29	62.60	692.60
40.64	2.20	59.71	701.32
40.66	2.16	57.04	760.62
40.68	2.24	55.49	867.02
40.70	2.36	56.60	940.87
40.72	2.41	57.27	956.56
40.74	2.37	58.15	876.33
40.76	3.63	32.80	528.05
40.78	3.39	47.25	453.63
40.80	3.18	65.91	521.08
40.82	3.31	77.25	668.18
40.84	3.96	86.14	927.49
40.86	5.29	88.58	1012.96
40.88	7.12	92.58	617.59
40.90	8.57	98.36	122.80
40.92	8.97	111.25	28.02
40.94	8.89	107.69	7.67
40.96	8.76	92.58	-1.63
40.98	8.57	83.02	-5.12
41.00	8.43	59.02	-3.96
41.02	8.47	37.69	-5.12
41.04	8.43	44.13	-9.19
41.06	8.23	68.13	-13.26
41.08	8.06	88.58	-15.59
41.10	7.94	84.80	-17.91
41.12	7.75	72.58	-18.49
41.14	7.40	69.02	-15.00
41.16	7.02	32.80	-10.35
41.18	6.56	25.02	-3.38
41.20	6.20	23.46	2.44
41.22	5.84	24.80	7.09
41.24	5.62	24.79	13.49
41.26	5.43	21.24	19.30
41.28	5.43	14.13	28.02
41.30	5.61	13.68	35.58
41.32	5.82	16.35	33.26
41.34	5.93	19.68	20.46
41.36	6.01	27.24	12.90
41.38	5.95	37.24	8.83
41.40	5.84	47.46	5.35
41.42	5.74	58.57	1.28
41.44	5.84	69.46	0.11
41.46	5.93	77.90	-1.63
41.48	5.98	80.13	-2.80
41.50	6.03	73.91	-3.38

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
41.52	6.18	57.91	-3.38
41.54	6.30	59.24	-3.38
41.56	6.46	74.13	-2.80
41.58	6.54	85.24	-2.80
41.60	6.56	97.46	-3.38
41.62	6.78	105.90	-2.80
41.64	7.00	115.46	-2.21
41.66	7.16	128.12	-2.80
41.68	7.16	124.12	-3.38
41.70	7.04	108.79	-3.96
41.72	6.32	34.57	126.87
41.74	6.32	34.57	126.87
41.76	6.31	31.90	71.05
41.78	6.31	31.90	71.05
41.80	6.40	105.90	25.70
41.82	6.40	105.90	25.70
41.84	6.60	118.57	23.95
41.86	6.69	125.46	22.21
41.88	6.69	125.46	22.21
41.90	7.30	115.90	18.72
41.92	7.30	115.90	18.72
41.94	7.09	99.90	15.23
41.96	6.78	70.34	12.32
41.98	6.36	44.12	9.42
42.00	6.28	37.67	8.25
42.02	6.28	55.67	6.51
42.04	6.45	88.78	5.93
42.06	6.71	109.23	5.93
42.08	6.97	129.00	7.09
42.10	7.16	123.89	5.35
42.12	7.32	90.34	4.77
42.14	7.42	67.45	3.60
42.16	7.45	48.33	2.44
42.18	7.49	31.89	2.44
42.20	7.58	28.11	2.44
42.22	7.59	32.33	1.86
42.24	7.65	43.66	3.02
42.26	8.09	56.55	5.35
42.28	8.40	71.22	4.77
42.30	8.23	72.77	2.44
42.32	8.05	75.44	0.11
42.34	8.33	71.67	3.60
42.36	9.25	65.89	8.83
42.38	9.92	54.78	9.42
42.40	9.57	56.55	7.09
42.42	8.15	48.55	4.77
42.44	6.81	49.00	6.51
42.46	5.77	65.89	11.74
42.48	4.97	103.00	19.88
42.50	4.58	144.11	43.14





# MO-CPTU15

S.IN.Ge.A. Srl

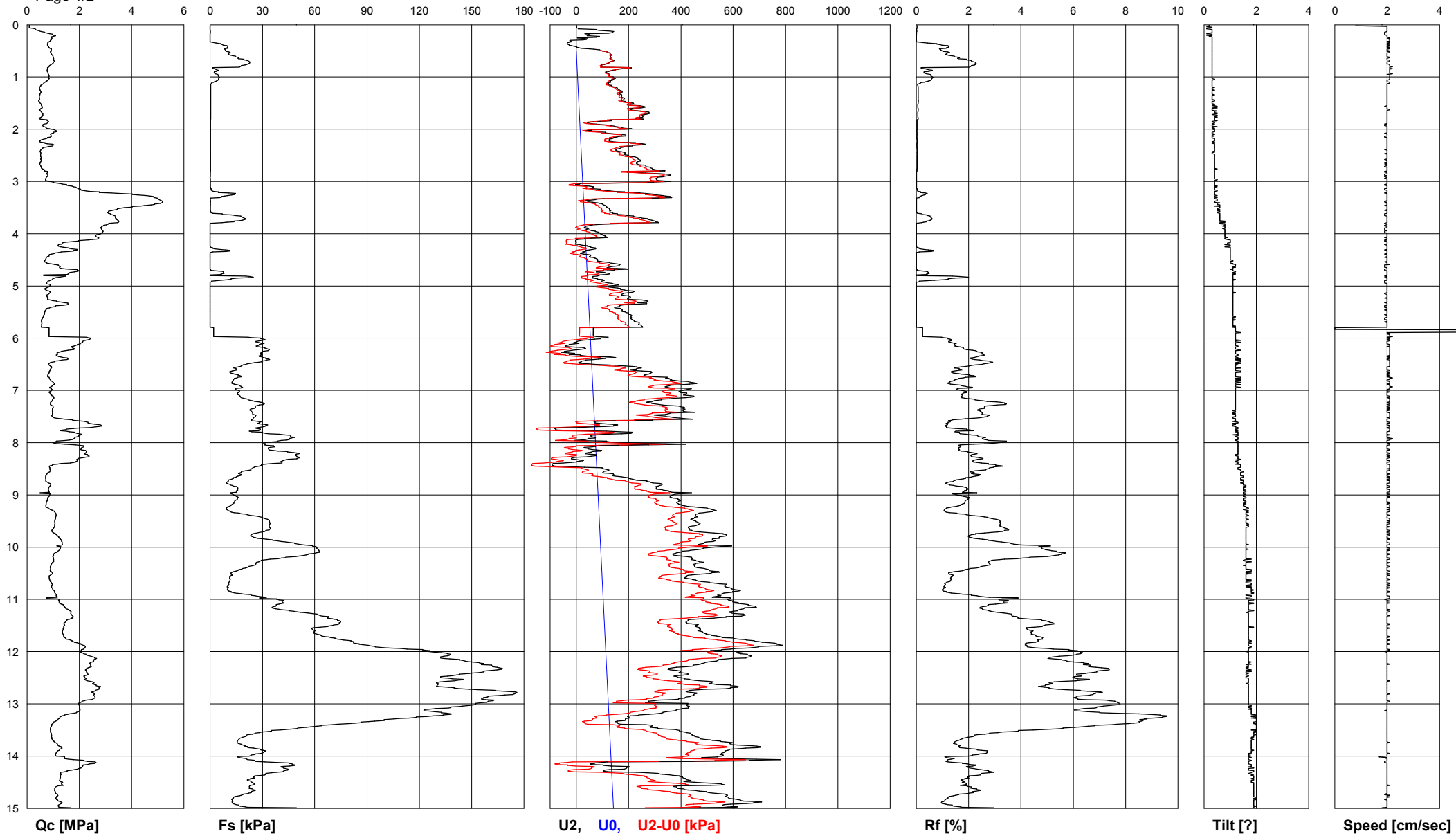
Commissioner: autostrada brennero

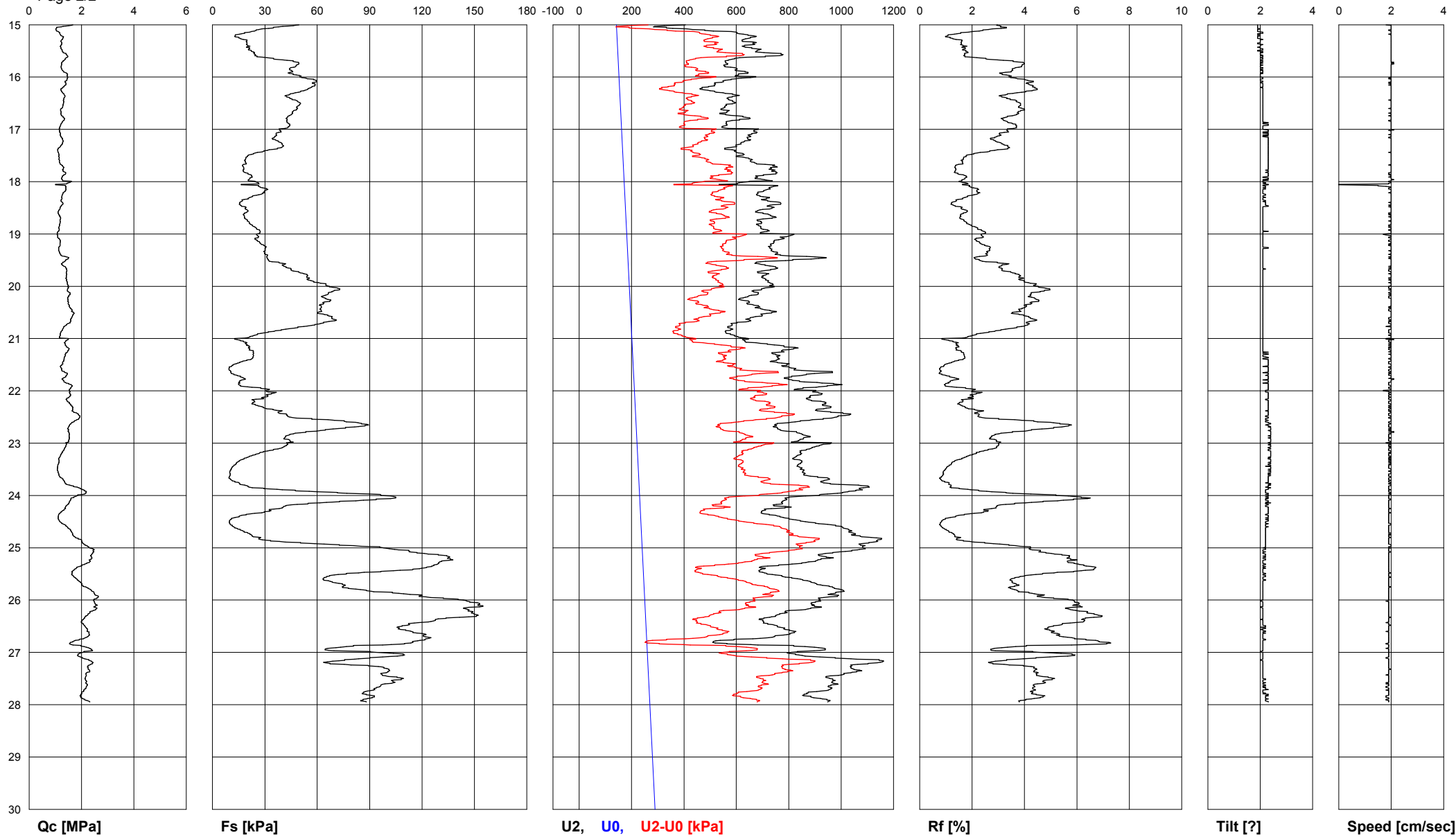
Site: cavalcavia 140 e118  
Locality: campogalliano

Test Location: CPTU2-SOVRAP. 140  
Date: 13/02/2015

Abs. quota [cm]: 0  
Prehole [cm]: 0  
Hydrostatic Line [cm]: 50

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<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1	0,088	0,04	0,81	0,05	0,2	0,8		
2	0,088	0,04	0,81	0,05	0,2	0,8		
3	0,088	0,04	0,99	0,05	0,1	2,0		
4	0,088	0,04	0,90	0,05	0,2	2,0		
5	0,088	0,04	1,71	0,05	0,3	2,0		
6	0,096	0,04	1,53	0,04	0,1	2,0		
7	0,236	0,04	10,68	0,02	0,1	2,0		
8	0,306	0,04	7,72	0,01	0,1	2,0		
9	0,328	0,04	76,67	0,01	0,3	2,0		
10	0,328	0,04	76,67	0,01	0,3	2,0		
11	0,420	0,08	86,28	0,02	0,3	2,0		
12	0,473	0,08	128,57	0,02	0,3	2,0		
13	0,534	0,08	142,75	0,01	0,3	2,0		
14	0,674	0,08	138,00	0,01	0,3	1,9		
15	0,674	0,08	138,00	0,01	0,3	1,9		
16	0,796	0,08	121,48	0,01	0,2	1,9		
17	0,871	0,04	32,68	0,00	0,1	1,9		
18	0,976	0,04	48,12	0,00	0,3	1,9		
19	0,976	0,04	48,12	0,00	0,3	1,9		
20	1,002	0,00	52,61	0,00	0,1	2,0		
21	1,094	0,00	41,21	0,00	0,3	2,0		
22	0,998	0,00	88,80	0,00	0,2	2,0		
23	0,945	0,00	77,21	0,00	0,3	2,0		
24	0,945	0,00	77,21	0,00	0,3	2,0		
25	0,950	0,00	4,04	0,00	0,3	2,1		
26	0,950	0,00	26,22	0,00	0,3	2,1		
27	0,950	0,00	43,37	0,00	0,3	2,0		
28	0,932	0,00	37,62	0,00	0,3	2,1		
29	0,928	0,00	25,95	0,00	0,3	2,1		
30	0,888	0,00	-24,78	0,00	0,3	2,1		
31	0,888	0,00	-24,78	0,00	0,3	2,1		
32	0,862	0,00	-19,75	0,00	0,3	2,0		
33	0,832	0,25	-20,29	0,03	0,3	2,1		
34	0,796	2,08	-31,78	0,26	0,3	2,1		
35	0,792	3,41	-35,11	0,43	0,3	2,0		
36	0,783	6,20	-34,84	0,79	0,3	2,1		
37	0,783	6,20	-34,84	0,79	0,3	2,1		
38	0,783	6,95	-28,01	0,89	0,3	2,0		
39	0,783	7,66	-27,47	0,98	0,3	2,1		
40	0,796	9,49	-19,48	1,19	0,3	2,0		
41	0,801	10,11	-10,77	1,26	0,3	2,1		
42	0,823	10,11	0,63	1,23	0,3	2,0		
43	0,823	10,11	0,63	1,23	0,3	2,0		
44	0,845	9,78	7,90	1,16	0,3	2,1		
45	0,875	9,90	18,59	1,13	0,3	2,0		
46	0,928	8,16	45,07	0,88	0,3	2,1		
47	0,932	8,36	66,44	0,90	0,3	2,0		
48	0,923	8,70	89,60	0,94	0,3	2,0		
49	0,923	8,70	89,60	0,94	0,3	2,0		
50	0,919	9,15	99,57	1,00	0,3	2,1		
51	0,915	9,53	109,53	1,04	0,3	2,0	0,10	109,43
52	0,893	10,74	117,79	1,20	0,3	2,1	0,20	117,59
53	0,910	11,53	120,58	1,27	0,3	2,1	0,29	120,29
54	0,919	10,82	129,29	1,18	0,3	2,0	0,39	128,90
55	0,919	10,82	129,29	1,18	0,3	2,0	0,49	128,80
56	0,923	10,49	129,65	1,14	0,3	2,0	0,59	129,06
57	0,941	10,61	133,06	1,13	0,3	2,0	0,69	132,37
58	0,976	11,90	128,21	1,22	0,3	2,0	0,78	127,43
59	0,980	12,82	132,79	1,31	0,3	2,0	0,88	131,91
60	0,993	14,40	130,63	1,45	0,3	2,0	0,98	129,65
61	0,993	14,40	130,63	1,45	0,3	2,0	1,08	129,55
62	0,993	15,73	131,89	1,58	0,3	2,1	1,18	130,71
63	1,002	16,56	132,88	1,65	0,3	2,1	1,28	131,60
64	1,015	16,02	131,08	1,58	0,3	2,0	1,37	129,71
65	1,020	16,31	129,38	1,60	0,3	2,0	1,47	127,91

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
66	1,015	19,43	137,46	1,91	0,3	2,0	1,57	135,89
67	1,015	19,43	137,46	1,91	0,3	2,0	1,67	135,79
68	1,011	20,89	144,19	2,07	0,3	2,1	1,77	142,42
69	1,033	21,80	143,56	2,11	0,3	2,1	1,86	141,70
70	1,050	22,14	134,94	2,11	0,3	2,1	1,96	132,98
71	1,033	22,68	130,72	2,20	0,3	2,0	2,06	128,66
72	0,998	22,68	125,43	2,27	0,3	2,0	2,16	123,27
73	0,998	22,68	125,43	2,27	0,3	2,0	2,26	123,17
74	0,989	22,30	118,78	2,25	0,3	2,0	2,35	116,43
75	0,967	22,22	118,69	2,30	0,3	2,0	2,45	116,24
76	0,919	20,89	106,75	2,27	0,3	2,1	2,55	104,20
77	0,897	20,01	97,86	2,23	0,3	2,1	2,65	95,21
78	0,853	17,93	94,09	2,10	0,3	2,1	2,75	91,34
79	0,853	17,93	94,09	2,10	0,3	2,1	2,84	91,25
80	0,836	17,19	97,77	2,06	0,3	2,2	2,94	94,83
81	0,818	16,69	95,35	2,04	0,3	2,1	3,04	92,31
82	0,783	1,46	209,73	0,19	0,3	2,1	3,14	206,59
83	0,783	1,46	209,73	0,19	0,3	2,1	3,24	206,49
84	0,779	2,46	176,42	0,32	0,3	2,2	3,34	173,08
85	0,779	3,04	159,90	0,39	0,3	2,1	3,43	156,47
86	0,775	3,75	149,94	0,48	0,3	2,1	3,53	146,41
87	0,770	4,66	140,69	0,61	0,3	2,1	3,63	137,06
88	0,761	4,41	134,76	0,58	0,3	2,1	3,73	131,03
89	0,770	3,70	124,53	0,48	0,3	2,1	3,83	120,70
90	0,796	2,33	116,18	0,29	0,3	2,1	3,92	112,26
91	0,796	2,33	116,18	0,29	0,3	2,1	4,02	112,16
92	0,805	2,29	114,29	0,28	0,3	2,1	4,12	110,17
93	0,805	2,75	118,60	0,34	0,3	2,1	4,22	114,38
94	0,805	3,12	123,45	0,39	0,3	2,2	4,32	119,13
95	0,823	4,41	128,93	0,54	0,3	2,0	4,41	124,52
96	0,827	4,58	128,21	0,55	0,3	2,1	4,51	123,70
97	0,840	4,66	126,86	0,55	0,3	2,1	4,61	122,25
98	0,840	4,66	126,86	0,55	0,3	2,1	4,71	122,15
99	0,836	4,91	126,14	0,59	0,3	2,1	4,81	121,33
100	0,832	5,08	141,50	0,61	0,3	2,1	4,91	136,59
101	0,827	5,37	141,32	0,65	0,3	2,1	5,00	136,32
102	0,840	5,16	150,75	0,61	0,3	2,1	5,10	145,65
103	0,849	4,95	147,33	0,58	0,3	2,1	5,20	142,13
104	0,818	4,74	140,87	0,58	0,4	2,1	5,30	135,57
105	0,818	4,74	140,87	0,58	0,4	2,1	5,40	135,47
106	0,796	4,41	137,73	0,55	0,3	2,0	5,49	132,24
107	0,775	3,99	131,53	0,51	0,3	2,0	5,59	125,94
108	0,753	3,45	130,10	0,46	0,3	2,0	5,69	124,41
109	0,709	2,54	130,90	0,36	0,3	2,0	5,79	125,11
110	0,687	2,00	131,80	0,29	0,3	2,1	5,89	125,91
111	0,648	0,96	123,63	0,15	0,3	2,1	5,98	117,65
112	0,648	0,96	123,63	0,15	0,3	2,1	6,08	117,55
113	0,630	0,67	121,30	0,11	0,3	2,0	6,18	115,12
114	0,591	0,29	118,78	0,05	0,3	2,0	6,28	112,50
115	0,565	0,29	122,19	0,05	0,3	2,0	6,38	115,81
116	0,525	0,29	133,42	0,06	0,3	2,0	6,47	126,95
117	0,525	0,29	133,42	0,06	0,3	2,0	6,57	126,85
118	0,512	0,33	135,84	0,06	0,3	2,0	6,67	129,17
119	0,486	0,33	143,92	0,07	0,3	2,0	6,77	137,15
120	0,481	0,33	147,87	0,07	0,4	2,0	6,87	141,00
121	0,477	0,33	156,67	0,07	0,3	2,0	6,97	149,70
122	0,477	0,33	156,67	0,07	0,3	2,0	7,06	149,61
123	0,481	0,33	159,45	0,07	0,3	2,0	7,16	152,29
124	0,495	0,33	161,88	0,07	0,3	2,0	7,26	154,62
125	0,499	0,33	166,01	0,07	0,4	2,0	7,36	158,65
126	0,503	0,33	169,51	0,07	0,3	2,0	7,46	162,05
127	0,525	0,33	175,17	0,06	0,3	2,0	7,55	167,62
128	0,525	0,33	175,17	0,06	0,3	2,0	7,65	167,52
129	0,534	0,33	175,62	0,06	0,3	2,0	7,75	167,87
130	0,530	0,33	166,73	0,06	0,3	2,0	7,85	158,88

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
131	0,521	0,33	162,78	0,06	0,3	2,0	7,95	154,83
132	0,495	0,33	166,28	0,07	0,3	2,0	8,04	158,24
133	0,495	0,33	166,28	0,07	0,3	2,0	8,14	158,14
134	0,495	0,33	173,46	0,07	0,4	2,0	8,24	165,22
135	0,468	0,33	172,92	0,07	0,3	2,0	8,34	164,58
136	0,468	0,33	173,91	0,07	0,3	2,0	8,44	165,47
137	0,464	0,33	172,20	0,07	0,3	2,0	8,53	163,67
138	0,464	0,33	172,20	0,07	0,3	2,0	8,63	163,57
139	0,464	0,33	173,55	0,07	0,3	2,0	8,73	164,82
140	0,473	0,33	182,08	0,07	0,3	2,0	8,83	173,25
141	0,481	0,33	184,32	0,07	0,3	2,0	8,93	175,39
142	0,481	0,33	182,17	0,07	0,3	2,0	9,03	173,14
143	0,481	0,33	182,17	0,07	0,3	2,0	9,12	173,05
144	0,477	0,33	179,57	0,07	0,4	2,0	9,22	170,35
145	0,451	0,33	171,31	0,07	0,4	2,0	9,32	161,99
146	0,446	0,33	172,56	0,07	0,4	2,0	9,42	163,14
147	0,464	0,33	189,26	0,07	0,3	2,0	9,52	179,74
148	0,464	0,33	189,26	0,07	0,3	2,0	9,61	179,65
149	0,468	0,33	199,86	0,07	0,3	2,0	9,71	190,15
150	0,503	0,33	217,45	0,07	0,3	2,0	9,81	207,64
151	0,521	0,33	219,34	0,06	0,3	2,0	9,91	209,43
152	0,538	0,33	204,44	0,06	0,4	2,0	10,01	194,43
153	0,538	0,33	204,44	0,06	0,4	2,0	10,10	194,34
154	0,538	0,33	207,49	0,06	0,3	2,0	10,20	197,29
155	0,560	0,33	241,96	0,06	0,4	2,0	10,30	231,66
156	0,569	0,33	256,60	0,06	0,5	1,9	10,40	246,20
157	0,586	0,33	262,26	0,06	0,3	2,0	10,50	251,76
158	0,586	0,33	262,26	0,06	0,3	2,0	10,59	251,67
159	0,578	0,33	248,97	0,06	0,5	2,0	10,69	238,28
160	0,547	0,37	215,12	0,07	0,3	2,0	10,79	204,33
161	0,521	0,33	205,87	0,06	0,3	2,0	10,89	194,98
162	0,495	0,33	209,10	0,07	0,3	2,1	10,99	198,11
163	0,495	0,33	209,10	0,07	0,3	2,1	11,09	198,01
164	0,495	0,33	217,36	0,07	0,3	2,0	11,18	206,18
165	0,521	0,33	244,84	0,06	0,5	2,0	11,28	233,56
166	0,534	0,33	257,32	0,06	0,4	2,0	11,38	245,94
167	0,560	0,33	277,43	0,06	0,4	2,0	11,48	265,95
168	0,560	0,33	277,43	0,06	0,4	2,0	11,58	265,85
169	0,578	0,33	279,31	0,06	0,5	2,0	11,67	267,64
170	0,600	0,33	278,95	0,06	0,5	2,0	11,77	267,18
171	0,600	0,33	270,25	0,06	0,4	2,0	11,87	258,38
172	0,600	0,33	261,09	0,06	0,3	2,0	11,97	249,12
173	0,600	0,33	252,47	0,06	0,5	2,0	12,07	240,40
174	0,600	0,33	252,47	0,06	0,5	2,0	12,16	240,31
175	0,591	0,33	254,98	0,06	0,5	2,0	12,26	242,72
176	0,560	0,33	254,71	0,06	0,4	2,0	12,36	242,35
177	0,543	0,33	252,56	0,06	0,5	2,0	12,46	240,10
178	0,503	0,33	240,98	0,07	0,4	2,0	12,56	228,42
179	0,503	0,33	240,98	0,07	0,4	2,0	12,65	228,33
180	0,495	0,33	239,63	0,07	0,4	2,0	12,75	226,88
181	0,499	0,33	257,59	0,07	0,4	2,0	12,85	244,74
182	0,761	0,21	132,25	0,03	0,4	2,0	12,95	119,30
183	0,761	0,21	132,25	0,03	0,4	2,0	13,05	119,20
184	0,770	0,21	135,84	0,03	0,5	2,0	13,15	122,69
185	0,814	0,21	91,22	0,03	0,3	2,0	13,24	77,98
186	0,823	0,21	67,16	0,03	0,3	2,0	13,34	53,82
187	0,783	0,21	42,74	0,03	0,4	2,0	13,44	29,30
188	0,783	0,21	42,74	0,03	0,4	2,0	13,54	29,20
189	0,744	0,21	53,78	0,03	0,3	2,0	13,64	40,14
190	0,652	0,17	76,49	0,03	0,4	1,9	13,73	62,76
191	0,621	0,21	88,44	0,03	0,3	2,0	13,83	74,61
192	0,578	0,17	128,66	0,03	0,3	1,9	13,93	114,73
193	0,578	0,17	128,66	0,03	0,3	1,9	14,03	114,63
194	0,621	0,17	143,74	0,03	0,3	2,0	14,13	129,61
195	0,652	0,17	151,73	0,03	0,5	2,0	14,22	137,51

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
196	0,718	0,21	171,66	0,03	0,3	2,0	14,32	157,34
197	0,718	0,21	171,66	0,03	0,3	2,0	14,42	157,24
198	0,744	0,21	182,89	0,03	0,4	2,0	14,52	168,37
199	0,849	0,21	210,99	0,02	0,3	2,0	14,62	196,37
200	0,923	0,21	198,15	0,02	0,3	2,0	14,72	183,43
201	1,068	0,21	58,27	0,02	0,4	2,0	14,81	43,46
202	1,068	0,21	58,27	0,02	0,4	2,0	14,91	43,36
203	1,116	0,21	39,59	0,02	0,4	2,0	15,01	24,58
204	1,138	0,21	51,89	0,02	0,4	2,0	15,11	36,78
205	1,116	0,21	76,23	0,02	0,4	2,0	15,21	61,02
206	1,020	0,21	110,61	0,02	0,3	2,0	15,30	95,31
207	1,020	0,21	110,61	0,02	0,3	2,0	15,40	95,21
208	0,958	0,21	122,37	0,02	0,3	1,9	15,50	106,87
209	0,906	0,21	151,46	0,02	0,4	2,0	15,60	135,86
210	0,897	0,21	164,66	0,02	0,4	2,0	15,70	148,96
211	0,915	0,21	189,26	0,02	0,3	2,0	15,79	173,47
212	0,915	0,21	189,26	0,02	0,3	2,0	15,89	173,37
213	0,932	0,21	186,66	0,02	0,4	2,0	15,99	170,67
214	0,919	0,21	162,15	0,02	0,3	1,9	16,09	146,06
215	0,888	0,17	153,80	0,02	0,3	1,9	16,19	137,61
216	0,783	0,17	143,11	0,02	0,3	2,0	16,28	126,83
217	0,783	0,17	143,11	0,02	0,3	2,0	16,38	126,73
218	0,731	0,17	137,55	0,02	0,4	2,0	16,48	121,07
219	0,643	0,17	125,97	0,03	0,4	2,0	16,58	109,39
220	0,595	0,21	125,70	0,04	0,4	2,0	16,68	109,02
221	0,508	0,21	126,50	0,04	0,4	2,0	16,78	109,72
222	0,508	0,21	126,50	0,04	0,4	2,0	16,87	109,63
223	0,481	0,21	125,07	0,04	0,4	2,0	16,97	108,10
224	0,490	0,17	139,79	0,03	0,3	2,0	17,07	122,72
225	0,525	0,17	158,83	0,03	0,4	2,0	17,17	141,66
226	0,687	0,21	226,25	0,03	0,3	2,0	17,27	208,98
227	0,687	0,21	226,25	0,03	0,3	2,0	17,36	208,89
228	0,775	0,21	253,19	0,03	0,4	2,0	17,46	235,73
229	0,976	0,21	262,97	0,02	0,4	2,0	17,56	245,41
230	1,024	0,21	246,09	0,02	0,4	2,0	17,66	228,43
231	0,989	0,21	214,76	0,02	0,4	2,0	17,76	197,00
232	0,989	0,21	214,76	0,02	0,4	2,0	17,85	196,91
233	0,827	0,21	183,88	0,03	0,4	2,0	17,95	165,93
234	0,740	0,21	182,35	0,03	0,4	2,0	18,05	164,30
235	0,613	0,21	170,50	0,03	0,4	2,0	18,15	152,35
236	0,613	0,21	170,50	0,03	0,4	2,0	18,25	152,25
237	0,578	0,17	164,21	0,03	0,4	2,0	18,34	145,87
238	0,556	0,17	154,25	0,03	0,4	2,0	18,44	135,81
239	0,534	0,21	151,19	0,04	0,4	1,9	18,54	132,65
240	0,516	0,21	151,28	0,04	0,4	2,0	18,64	132,64
241	0,516	0,21	151,28	0,04	0,4	2,0	18,74	132,54
242	0,503	0,21	156,58	0,04	0,4	2,0	18,84	137,74
243	0,503	0,21	172,29	0,04	0,3	2,0	18,93	153,36
244	0,512	0,17	180,64	0,03	0,4	2,0	19,03	161,61
245	0,525	0,17	186,21	0,03	0,3	2,0	19,13	167,08
246	0,525	0,17	186,21	0,03	0,3	2,0	19,23	166,98
247	0,530	0,21	185,22	0,04	0,3	1,9	19,33	165,89
248	0,521	0,21	182,35	0,04	0,4	2,0	19,42	162,93
249	0,516	0,21	185,58	0,04	0,4	2,0	19,52	166,06
250	0,516	0,17	198,60	0,03	0,4	2,0	19,62	178,98
251	0,516	0,17	198,60	0,03	0,4	2,0	19,72	178,88
252	0,516	0,17	206,95	0,03	0,4	2,0	19,82	187,13
253	0,530	0,17	223,47	0,03	0,4	2,0	19,91	203,56
254	0,538	0,17	230,11	0,03	0,4	2,0	20,01	210,10
255	0,538	0,17	235,41	0,03	0,4	2,0	20,11	215,30
256	0,538	0,17	235,41	0,03	0,4	2,0	20,21	215,20
257	0,521	0,17	236,49	0,03	0,4	2,0	20,31	216,18
258	0,525	0,17	239,36	0,03	0,4	1,9	20,40	218,96
259	0,538	0,17	245,38	0,03	0,4	2,0	20,50	224,88
260	0,538	0,17	245,38	0,03	0,4	2,0	20,60	224,78

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
261	0,538	0,17	246,09	0,03	0,4	2,0	20,70	225,39
262	0,525	0,17	234,87	0,03	0,4	2,0	20,80	214,07
263	0,512	0,17	230,92	0,03	0,4	2,0	20,90	210,02
264	0,495	0,17	230,11	0,03	0,4	1,9	20,99	209,12
265	0,495	0,17	230,11	0,03	0,4	1,9	21,09	209,02
266	0,490	0,17	229,93	0,03	0,4	2,0	21,19	208,74
267	0,486	0,17	234,87	0,03	0,4	2,0	21,29	213,58
268	0,490	0,17	238,91	0,03	0,4	1,9	21,39	217,52
269	0,521	0,17	265,58	0,03	0,4	2,0	21,48	244,10
270	0,521	0,17	265,58	0,03	0,4	2,0	21,58	244,00
271	0,534	0,17	266,39	0,03	0,4	1,9	21,68	244,71
272	0,530	0,17	265,40	0,03	0,4	1,9	21,78	243,62
273	0,543	0,17	283,53	0,03	0,4	2,0	21,88	261,65
274	0,543	0,17	283,53	0,03	0,4	2,0	21,97	261,56
275	0,565	0,17	289,28	0,03	0,4	2,0	22,07	267,21
276	0,591	0,17	290,90	0,03	0,5	2,0	22,17	268,73
277	0,643	0,17	296,37	0,03	0,4	2,0	22,27	274,10
278	0,665	0,17	304,45	0,03	0,4	2,0	22,37	282,08
279	0,674	0,17	338,66	0,03	0,4	2,0	22,46	316,20
280	0,674	0,17	338,66	0,03	0,4	2,0	22,56	316,10
281	0,796	0,08	195,28	0,01	0,4	1,9	22,66	172,62
282	0,796	0,08	195,28	0,01	0,4	1,9	22,76	172,52
283	0,788	0,08	239,81	0,01	0,4	2,0	22,86	216,95
284	0,770	0,08	264,14	0,01	0,4	2,0	22,96	241,18
285	0,753	0,08	316,57	0,01	0,4	2,0	23,05	293,52
286	0,757	0,08	341,26	0,01	0,4	1,9	23,15	318,11
287	0,792	0,08	358,86	0,01	0,4	1,9	23,25	335,61
288	0,792	0,08	358,86	0,01	0,4	1,9	23,35	335,51
289	0,792	0,08	353,65	0,01	0,4	2,0	23,45	330,20
290	0,775	0,08	340,82	0,01	0,4	1,9	23,54	317,28
291	0,766	0,08	332,11	0,01	0,4	1,9	23,64	308,47
292	0,735	0,04	309,66	0,01	0,4	2,0	23,74	285,92
293	0,735	0,04	309,66	0,01	0,4	2,0	23,84	285,82
294	0,718	0,08	305,35	0,01	0,4	1,9	23,94	281,41
295	0,713	0,08	304,36	0,01	0,4	2,0	24,03	280,33
296	0,705	0,08	307,42	0,01	0,5	2,0	24,13	283,29
297	0,705	0,08	307,42	0,01	0,5	2,0	24,23	283,19
298	0,713	0,08	312,62	0,01	0,4	2,0	24,33	288,29
299	0,779	0,12	337,22	0,02	0,4	2,0	24,43	312,79
300	0,845	0,08	359,58	0,01	0,4	2,0	24,53	335,05
301	1,007	0,08	294,67	0,01	0,4	2,0	24,62	270,05
302	1,007	0,08	294,67	0,01	0,4	2,0	24,72	269,95
303	1,107	0,08	171,84	0,01	0,4	2,0	24,82	147,02
304	1,287	0,08	14,90	0,01	0,4	2,0	24,92	-10,02
305	1,352	0,08	12,12	0,01	0,4	2,0	25,02	-12,90
306	1,510	0,08	-2,69	0,01	0,4	1,9	25,11	-27,80
307	1,510	0,08	-2,69	0,01	0,4	1,9	25,21	-27,90
308	1,589	0,08	17,15	0,01	0,5	2,0	25,31	-8,16
309	1,724	0,12	50,82	0,01	0,4	2,0	25,41	25,41
310	1,777	0,12	65,72	0,01	0,5	2,0	25,51	40,21
311	1,869	0,21	64,19	0,01	0,4	2,0	25,60	38,59
312	1,869	0,21	64,19	0,01	0,4	2,0	25,70	38,49
313	1,943	0,37	51,45	0,02	0,4	2,0	25,80	25,65
314	1,978	0,58	64,73	0,03	0,4	1,9	25,90	38,83
315	2,053	0,62	92,03	0,03	0,4	1,9	26,00	66,03
316	2,053	0,62	92,03	0,03	0,4	1,9	26,09	65,94
317	2,096	0,79	101,90	0,04	0,5	2,0	26,19	75,71
318	2,271	1,21	130,18	0,05	0,5	2,0	26,29	103,89
319	2,403	1,96	146,17	0,08	0,4	2,0	26,39	119,78
320	2,761	4,62	184,14	0,17	0,4	2,0	26,49	157,65
321	2,761	4,62	184,14	0,17	0,4	2,0	26,59	157,55
322	3,221	10,82	243,13	0,34	0,4	1,9	26,68	216,45
323	3,497	14,52	263,15	0,42	0,4	2,0	26,78	236,37
324	4,035	13,90	291,17	0,34	0,4	2,0	26,88	264,29
325	4,035	13,90	291,17	0,34	0,4	2,0	26,98	264,19



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
326	4,249	12,48	308,40	0,29	0,4	2,0	27,08	281,32
327	4,591	9,70	332,64	0,21	0,5	2,0	27,17	305,47
328	4,700	8,20	341,17	0,17	0,4	2,0	27,27	313,90
329	4,845	6,49	360,66	0,13	0,4	2,0	27,37	333,29
330	4,845	6,49	360,66	0,13	0,4	2,0	27,47	333,19
331	4,867	5,33	364,52	0,11	0,5	2,0	27,57	336,95
332	4,972	0,33	315,32	0,01	0,4	2,0	27,66	287,66
333	4,989	0,12	106,57	0,00	0,4	2,0	27,76	78,81
334	5,046	0,12	73,89	0,00	0,5	2,0	27,86	46,03
335	5,046	0,12	73,89	0,00	0,5	2,0	27,96	45,93
336	5,103	0,12	50,01	0,00	0,5	2,0	28,06	21,95
337	5,133	0,17	36,18	0,00	0,5	2,0	28,15	8,03
338	5,173	0,17	44,08	0,00	0,4	1,9	28,25	15,83
339	5,173	0,17	44,08	0,00	0,4	1,9	28,35	15,73
340	5,182	0,17	61,41	0,00	0,4	2,0	28,45	32,96
341	5,151	0,12	81,61	0,00	0,6	1,9	28,55	53,06
342	5,094	0,17	89,33	0,00	0,5	2,0	28,65	60,68
343	4,875	0,12	101,45	0,00	0,5	2,0	28,74	72,71
344	4,875	0,12	101,45	0,00	0,5	2,0	28,84	72,61
345	4,744	0,17	103,97	0,00	0,6	2,0	28,94	75,03
346	4,481	0,12	112,23	0,00	0,6	1,9	29,04	83,19
347	4,350	0,12	112,50	0,00	0,4	2,0	29,14	83,36
348	4,018	0,12	115,55	0,00	0,6	2,0	29,23	86,32
349	4,018	0,12	115,55	0,00	0,6	2,0	29,33	86,22
350	3,733	0,12	119,32	0,00	0,6	2,0	29,43	89,89
351	3,619	0,12	123,54	0,00	0,6	2,0	29,53	94,01
352	3,462	0,12	127,31	0,00	0,5	2,0	29,63	97,68
353	3,462	0,12	127,31	0,00	0,5	2,0	29,72	97,59
354	3,414	0,12	127,13	0,00	0,6	2,0	29,82	97,31
355	3,291	0,12	126,23	0,00	0,6	1,9	29,92	96,31
356	3,212	0,12	131,98	0,00	0,5	2,0	30,02	101,96
357	3,116	0,29	128,30	0,01	0,6	2,0	30,12	98,18
358	3,116	0,29	128,30	0,01	0,6	2,0	30,21	98,09
359	3,094	0,29	127,58	0,01	0,5	2,0	30,31	97,27
360	3,085	0,67	139,25	0,02	0,5	2,0	30,41	108,84
361	3,116	1,66	138,80	0,05	0,6	2,0	30,51	108,29
362	3,195	6,91	157,03	0,22	0,6	1,9	30,61	126,42
363	3,195	6,91	157,03	0,22	0,6	1,9	30,71	126,32
364	3,287	12,36	184,77	0,38	0,6	1,9	30,80	153,97
365	3,335	14,56	194,02	0,44	0,6	1,9	30,90	163,12
366	3,387	17,64	219,25	0,52	0,6	2,0	31,00	188,25
367	3,387	17,64	219,25	0,52	0,6	2,0	31,10	188,15
368	3,387	18,27	231,64	0,54	0,6	2,0	31,20	200,44
369	3,379	19,10	246,18	0,57	0,6	2,0	31,29	214,89
370	3,383	19,39	249,87	0,57	0,6	2,0	31,39	218,48
371	3,414	20,43	272,58	0,60	0,6	2,0	31,49	241,09
372	3,414	20,43	272,58	0,60	0,6	2,0	31,59	240,99
373	3,435	19,77	275,54	0,58	0,6	2,0	31,69	243,85
374	3,470	18,56	288,74	0,53	0,6	2,0	31,78	256,96
375	3,492	17,10	294,13	0,49	0,6	2,0	31,88	262,25
376	3,505	13,69	301,58	0,39	0,8	2,0	31,98	269,60
377	3,505	13,69	301,58	0,39	0,8	2,0	32,08	269,50
378	3,488	9,61	311,37	0,28	0,6	2,0	32,18	279,19
379	3,453	6,82	315,77	0,20	0,8	2,0	32,27	283,50
380	3,129	0,00	163,40	0,00	0,6	1,9	32,37	131,03
381	3,129	0,00	163,40	0,00	0,6	1,9	32,47	130,93
382	3,094	0,00	103,61	0,00	0,8	2,0	32,57	71,04
383	3,037	0,00	61,23	0,00	0,8	2,0	32,67	28,56
384	2,932	0,00	53,96	0,00	0,8	1,9	32,77	21,19
385	2,902	0,00	41,84	0,00	0,7	1,9	32,86	8,98
386	2,853	0,00	34,39	0,00	0,8	2,0	32,96	1,43
387	2,853	0,00	34,39	0,00	0,8	2,0	33,06	1,33
388	2,818	0,00	30,08	0,00	0,8	2,0	33,16	-3,08
389	2,814	0,00	41,30	0,00	0,8	1,9	33,26	8,04
390	2,836	0,00	47,14	0,00	0,7	1,9	33,35	13,79

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
391	2,853	0,00	38,07	0,00	0,8	1,9	33,45	4,62
392	2,853	0,00	38,07	0,00	0,8	1,9	33,55	4,52
393	2,875	0,00	48,93	0,00	0,8	1,9	33,65	15,28
394	2,893	0,00	58,18	0,00	0,8	2,0	33,75	24,43
395	2,910	0,00	72,63	0,00	0,8	1,9	33,84	38,79
396	2,910	0,00	72,63	0,00	0,8	1,9	33,94	38,69
397	2,893	0,00	84,40	0,00	0,8	1,9	34,04	50,36
398	2,880	0,00	86,73	0,00	0,8	1,9	34,14	52,59
399	2,818	0,00	92,21	0,00	0,8	2,0	34,24	57,97
400	2,818	0,00	92,21	0,00	0,8	2,0	34,34	57,87
401	2,770	0,00	94,36	0,00	0,8	2,0	34,43	59,93
402	2,670	0,00	99,75	0,00	0,8	2,0	34,53	65,22
403	2,635	0,00	102,62	0,00	0,8	2,0	34,63	67,99
404	2,621	0,00	109,89	0,00	0,8	2,0	34,73	75,16
405	2,621	0,00	109,89	0,00	0,8	2,0	34,83	75,06
406	2,648	0,00	114,56	0,00	0,8	2,0	34,92	79,64
407	2,722	0,00	120,40	0,00	0,9	1,9	35,02	85,38
408	2,748	0,00	87,00	0,00	0,8	2,0	35,12	51,88
409	2,709	0,00	31,78	0,00	0,8	2,0	35,22	-3,44
410	2,709	0,00	31,78	0,00	0,8	2,0	35,32	-3,54
411	2,490	0,00	3,59	0,00	0,9	1,9	35,41	-31,82
412	2,333	0,00	-1,35	0,00	1,0	2,0	35,51	-36,86
413	1,965	0,00	-2,69	0,00	1,0	1,9	35,61	-38,30
414	1,965	0,00	-2,69	0,00	1,0	1,9	35,71	-38,40
415	1,790	0,00	-2,96	0,00	1,0	2,0	35,81	-38,77
416	1,488	0,00	-1,89	0,00	1,0	2,0	35,90	-37,79
417	1,387	0,00	-0,54	0,00	1,0	2,0	36,00	-36,54
418	1,348	0,00	-1,44	0,00	0,9	2,0	36,10	-37,54
419	1,348	0,00	-1,44	0,00	0,9	2,0	36,20	-37,64
420	1,313	0,00	-4,67	0,00	1,0	2,0	36,30	-40,97
421	1,208	0,00	12,57	0,00	0,8	1,9	36,40	-23,83
422	1,190	0,00	22,89	0,00	1,0	2,0	36,49	-13,60
423	1,199	0,00	41,57	0,00	1,0	2,0	36,59	4,98
424	1,199	0,00	41,57	0,00	1,0	2,0	36,69	4,88
425	1,291	0,12	53,78	0,01	0,8	2,0	36,79	16,99
426	1,383	0,29	55,67	0,02	1,0	2,0	36,89	18,78
427	1,602	1,66	72,36	0,10	1,0	2,0	36,98	35,38
428	1,602	1,66	72,36	0,10	1,0	2,0	37,08	35,28
429	1,707	2,33	74,07	0,14	1,0	2,0	37,18	36,89
430	1,921	5,66	60,51	0,29	1,0	2,0	37,28	23,23
431	1,939	8,86	50,37	0,46	1,0	1,9	37,38	12,99
432	1,772	11,40	35,73	0,64	1,0	2,0	37,47	-1,74
433	1,772	11,40	35,73	0,64	1,0	2,0	37,57	-1,84
434	1,597	9,07	32,95	0,57	1,0	2,0	37,67	-4,72
435	1,317	1,54	24,33	0,12	1,0	2,0	37,77	-13,44
436	1,204	0,00	30,26	0,00	1,0	2,0	37,87	-7,61
437	1,059	0,00	15,80	0,00	1,0	2,0	37,96	-22,16
438	1,059	0,00	15,80	0,00	1,0	2,0	38,06	-22,26
439	0,937	0,00	27,92	0,00	1,0	1,9	38,16	-10,24
440	0,858	0,00	43,45	0,00	1,0	2,0	38,26	5,19
441	0,840	0,00	54,95	0,00	1,0	2,0	38,36	16,59
442	0,840	0,00	54,95	0,00	1,0	2,0	38,46	16,49
443	0,840	0,00	52,88	0,00	1,0	2,0	38,55	14,33
444	0,783	0,00	49,65	0,00	1,0	2,0	38,65	11,00
445	0,757	0,00	54,68	0,00	1,0	1,9	38,75	15,93
446	0,726	0,00	71,20	0,00	1,0	2,0	38,85	32,35
447	0,726	0,00	71,20	0,00	1,0	2,0	38,95	32,25
448	0,718	0,00	77,30	0,00	1,0	2,0	39,04	38,26
449	0,709	0,00	81,16	0,00	1,0	2,0	39,14	42,02
450	0,709	0,00	81,70	0,00	1,0	2,0	39,24	42,46
451	0,678	0,00	81,07	0,00	1,1	2,0	39,34	41,73
452	0,678	0,00	81,07	0,00	1,1	2,0	39,44	41,63
453	0,652	0,00	92,66	0,00	1,0	2,0	39,53	53,13
454	0,661	0,00	102,35	0,00	1,0	1,9	39,63	62,72
455	0,744	0,00	128,48	0,00	1,0	2,0	39,73	88,75

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
456	0,744	0,00	128,48	0,00	1,0	2,0	39,83	88,65
457	0,814	0,00	141,86	0,00	1,1	2,0	39,93	101,93
458	0,980	0,00	160,17	0,00	1,1	2,0	40,02	120,15
459	1,059	0,00	167,27	0,00	1,2	2,1	40,12	127,15
460	1,199	0,00	164,30	0,00	1,2	1,9	40,22	124,08
461	1,199	0,00	164,30	0,00	1,2	1,9	40,32	123,98
462	1,247	0,00	154,16	0,00	1,2	1,9	40,42	113,74
463	1,269	0,00	135,66	0,00	1,1	1,9	40,52	95,14
464	1,239	0,00	124,71	0,00	1,2	1,9	40,61	84,10
465	1,252	0,00	117,44	0,00	1,1	2,0	40,71	76,73
466	1,252	0,00	117,44	0,00	1,1	2,0	40,81	76,63
467	1,396	0,00	188,81	0,00	1,1	2,0	40,91	147,90
468	1,606	0,00	196,98	0,00	1,0	1,9	41,01	155,97
469	1,926	0,42	145,81	0,02	1,1	1,9	41,10	104,71
470	1,926	0,42	145,81	0,02	1,1	1,9	41,20	104,61
471	1,996	2,75	118,33	0,14	1,1	2,0	41,30	77,03
472	1,904	7,49	80,98	0,39	1,2	2,0	41,40	39,58
473	1,812	7,82	75,96	0,43	1,2	2,0	41,50	34,46
474	1,641	7,66	108,73	0,47	1,1	2,0	41,59	67,14
475	1,641	7,66	108,73	0,47	1,1	2,0	41,69	67,04
476	1,597	7,91	126,59	0,50	1,1	2,0	41,79	84,80
477	1,567	6,16	124,98	0,39	1,2	2,0	41,89	83,09
478	1,540	6,41	116,45	0,42	1,1	2,0	41,99	74,46
479	0,635	0,00	86,82	0,00	1,1	2,0	42,08	44,74
480	0,635	0,00	86,82	0,00	1,1	2,0	42,18	44,64
481	1,488	20,39	79,10	1,37	1,1	1,9	42,28	36,82
482	1,383	22,84	61,32	1,65	1,1	2,0	42,38	18,94
483	1,247	24,76	62,58	1,99	1,1	2,0	42,48	20,10
484	1,112	22,22	64,19	2,00	1,1	1,9	42,58	21,61
485	1,063	15,56	63,30	1,46	1,1	2,0	42,67	20,63
486	0,985	12,03	79,91	1,22	1,1	2,0	42,77	37,14
487	0,985	12,03	79,91	1,22	1,1	2,0	42,87	37,04
488	0,963	10,69	98,49	1,11	1,2	2,0	42,97	55,52
489	0,902	6,28	107,92	0,70	1,1	2,0	43,07	64,85
490	0,853	3,33	103,25	0,39	1,1	1,9	43,16	60,09
491	0,792	0,87	95,44	0,11	1,1	1,9	43,26	52,18
492	0,792	0,87	95,44	0,11	1,1	1,9	43,36	52,08
493	0,753	0,00	110,52	0,00	1,1	1,9	43,46	67,06
494	0,744	0,00	121,84	0,00	1,1	1,9	43,56	78,28
495	0,744	0,00	138,27	0,00	1,1	2,0	43,65	94,62
496	0,744	0,00	138,27	0,00	1,1	2,0	43,75	94,52
497	0,888	0,00	158,65	0,00	1,1	2,0	43,85	114,80
498	0,880	0,00	162,51	0,00	1,1	2,0	43,95	118,56
499	0,897	0,00	148,95	0,00	1,1	2,0	44,05	104,90
500	0,858	0,00	123,90	0,00	1,1	2,0	44,15	79,75
501	0,858	0,00	123,90	0,00	1,1	2,0	44,24	79,66
502	0,827	0,00	121,21	0,00	1,1	2,0	44,34	76,87
503	0,766	0,00	142,13	0,00	1,1	2,0	44,44	97,69
504	0,735	0,00	157,84	0,00	1,1	2,0	44,54	113,30
505	0,691	0,00	168,07	0,00	1,1	2,0	44,64	123,43
506	0,691	0,00	168,07	0,00	1,1	2,0	44,73	123,34
507	0,700	0,00	170,95	0,00	1,1	2,0	44,83	126,12
508	0,735	0,00	184,77	0,00	1,1	2,0	44,93	139,84
509	0,766	0,00	196,27	0,00	1,1	2,0	45,03	151,24
510	0,867	0,00	221,13	0,00	1,1	2,0	45,13	176,00
511	0,867	0,00	221,13	0,00	1,1	2,0	45,22	175,91
512	0,897	0,00	215,93	0,00	1,1	2,0	45,32	170,61
513	0,884	0,00	201,83	0,00	1,2	2,0	45,42	156,41
514	0,836	0,00	178,67	0,00	1,1	1,9	45,52	133,15
515	0,836	0,00	178,67	0,00	1,1	1,9	45,62	133,05
516	0,805	0,00	172,20	0,00	1,1	2,0	45,71	126,49
517	0,761	0,00	171,84	0,00	1,1	2,0	45,81	126,03
518	0,757	0,00	178,40	0,00	1,1	2,0	45,91	132,49
519	0,766	0,00	204,17	0,00	1,1	2,0	46,01	158,16
520	0,766	0,00	204,17	0,00	1,1	2,0	46,11	158,06

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
521	0,770	0,00	206,05	0,00	1,1	2,0	46,21	159,84
522	0,796	0,00	206,95	0,00	1,1	2,0	46,30	160,65
523	0,814	0,00	199,05	0,00	1,1	1,9	46,40	152,65
524	0,788	0,00	196,44	0,00	1,1	2,0	46,50	149,94
525	0,788	0,00	196,44	0,00	1,1	2,0	46,60	149,84
526	0,783	0,00	212,16	0,00	1,1	2,0	46,70	165,46
527	0,888	0,00	251,39	0,00	1,1	2,0	46,79	204,60
528	0,972	0,00	268,36	0,00	1,1	2,0	46,89	221,47
529	1,133	0,00	274,65	0,00	1,1	2,0	46,99	227,66
530	1,133	0,00	274,65	0,00	1,1	2,0	47,09	227,56
531	1,330	0,00	254,71	0,00	1,1	2,0	47,19	207,52
532	1,418	0,00	232,72	0,00	1,1	1,9	47,28	185,44
533	1,562	0,00	269,44	0,00	1,1	2,0	47,38	222,06
534	1,562	0,00	269,44	0,00	1,1	2,0	47,48	221,96
535	1,584	0,00	232,99	0,00	1,1	2,0	47,58	185,41
536	1,510	0,00	179,30	0,00	1,1	2,0	47,68	131,62
537	1,370	0,00	171,22	0,00	1,1	2,0	47,77	123,45
538	1,098	0,00	166,10	0,00	1,1	1,9	47,87	118,23
539	1,098	0,00	166,10	0,00	1,1	1,9	47,97	118,13
540	1,020	0,00	158,02	0,00	1,1	2,0	48,07	109,95
541	0,910	0,00	146,17	0,00	1,1	1,9	48,17	98,00
542	0,853	0,00	147,42	0,00	1,1	2,0	48,27	99,15
543	0,753	0,00	169,60	0,00	1,1	2,0	48,36	121,24
544	0,753	0,00	169,60	0,00	1,1	2,0	48,46	121,14
545	0,726	0,00	173,10	0,00	1,1	2,0	48,56	124,54
546	0,718	0,00	176,06	0,00	1,1	1,9	48,66	127,40
547	0,700	0,00	175,53	0,00	1,1	2,0	48,76	126,77
548	0,700	0,00	175,53	0,00	1,1	2,0	48,85	126,68
549	0,691	0,00	175,44	0,00	1,1	2,0	48,95	126,49
550	0,678	0,00	187,02	0,00	1,1	2,0	49,05	137,97
551	0,674	0,00	190,97	0,00	1,1	2,0	49,15	141,82
552	0,665	0,00	199,32	0,00	1,1	2,0	49,25	150,07
553	0,665	0,00	199,32	0,00	1,1	2,0	49,34	149,98
554	0,665	0,00	199,50	0,00	1,1	2,0	49,44	150,06
555	0,652	0,00	206,41	0,00	1,1	1,9	49,54	156,87
556	0,639	0,00	211,17	0,00	1,1	2,0	49,64	161,53
557	0,635	0,00	209,55	0,00	1,1	2,0	49,74	159,81
558	0,635	0,00	209,55	0,00	1,1	2,0	49,83	159,72
559	0,626	0,00	209,01	0,00	1,2	2,0	49,93	159,08
560	0,608	0,00	209,19	0,00	1,1	2,0	50,03	159,16
561	0,600	0,00	212,34	0,00	1,2	1,9	50,13	162,21
562	0,582	0,00	209,28	0,00	1,1	1,9	50,23	159,05
563	0,582	0,00	209,28	0,00	1,1	1,9	50,33	158,95
564	0,560	0,00	212,79	0,00	1,1	1,9	50,42	162,37
565	0,556	0,00	214,76	0,00	1,2	2,0	50,52	164,24
566	0,551	0,00	220,69	0,00	1,1	2,0	50,62	170,07
567	0,551	0,00	220,69	0,00	1,1	2,0	50,72	169,97
568	0,551	0,00	222,39	0,00	1,1	2,0	50,82	171,57
569	0,556	0,00	231,91	0,00	1,1	1,9	50,91	181,00
570	0,560	0,00	239,90	0,00	1,1	2,0	51,01	188,89
571	0,569	0,00	240,71	0,00	1,1	2,0	51,11	189,60
572	0,569	0,00	240,71	0,00	1,1	2,0	51,21	189,50
573	0,565	0,00	239,00	0,00	1,1	2,0	51,31	187,69
574	0,560	0,00	237,57	0,00	1,1	2,0	51,40	186,17
575	0,556	0,00	247,62	0,00	1,1	2,0	51,50	196,12
576	0,556	0,00	247,62	0,00	1,1	2,0	51,60	196,02
577	0,560	0,00	249,78	0,00	1,2	2,0	51,70	198,08
578	0,547	0,00	252,56	0,00	1,1	2,0	51,80	200,76
579	0,551	0,00	254,26	0,00	1,1	2,0	51,89	202,37
580	0,840	2,00	65,00	0,24	1,2	0,0	51,99	13,01
581	0,840	2,00	65,00	0,24	1,2	0,0	52,09	12,91
582	0,840	2,00	65,00	0,24	1,2	0,0	52,19	12,81
583	0,840	2,00	65,00	0,24	1,2	0,0	52,29	12,71
584	0,840	2,00	64,91	0,24	1,2	6,6	52,39	12,52
585	0,840	2,00	64,91	0,24	1,2	6,6	52,48	12,43

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
586	0,840	2,00	65,09	0,24	1,2	6,6	52,58	12,51
587	0,840	2,00	65,09	0,24	1,2	6,6	52,68	12,41
588	0,840	2,00	65,00	0,24	1,2	6,6	52,78	12,22
589	0,840	2,00	65,00	0,24	1,4	2,0	52,88	12,12
590	0,840	2,00	65,00	0,24	1,2	2,1	52,97	12,03
591	0,840	2,00	64,82	0,24	1,2	2,0	53,07	11,75
592	0,840	2,00	64,55	0,24	1,2	2,0	53,17	11,38
593	0,836	2,00	64,73	0,24	1,2	2,1	53,27	11,46
594	0,836	2,00	64,73	0,24	1,2	2,1	53,37	11,36
595	0,840	2,00	64,91	0,24	1,2	2,1	53,46	11,45
596	0,836	2,04	65,00	0,24	1,2	2,1	53,56	11,44
597	0,836	2,04	77,21	0,24	1,2	2,2	53,66	23,55
598	2,284	21,72	121,39	0,95	1,2	2,0	53,76	67,63
599	2,319	23,55	113,93	1,02	1,2	2,1	53,86	60,07
600	2,425	29,00	93,28	1,20	1,2	2,1	53,96	39,32
601	2,425	29,00	93,28	1,20	1,2	2,1	54,05	39,23
602	2,398	30,83	70,12	1,29	1,2	2,0	54,15	15,97
603	2,337	31,54	49,02	1,35	1,2	2,1	54,25	-5,23
604	2,232	30,08	23,43	1,35	1,4	2,1	54,35	-30,92
605	2,175	28,88	15,26	1,33	1,2	2,1	54,45	-39,19
606	2,127	26,30	2,78	1,24	1,2	2,0	54,54	-51,76
607	2,127	26,30	2,78	1,24	1,2	2,0	54,64	-51,86
608	2,123	27,38	-3,95	1,29	1,4	2,0	54,74	-58,69
609	2,066	28,84	-12,30	1,40	1,2	2,0	54,84	-67,14
610	2,026	30,96	10,06	1,53	1,2	2,0	54,94	-44,88
611	2,031	29,46	-6,82	1,45	1,2	2,0	55,03	-61,85
612	1,926	28,13	-27,20	1,46	1,2	2,1	55,13	-82,33
613	1,926	28,13	-27,20	1,46	1,2	2,1	55,23	-82,43
614	1,856	27,71	-36,27	1,49	1,2	2,1	55,33	-91,60
615	1,794	26,42	-42,56	1,47	1,3	2,1	55,43	-97,99
616	1,711	26,84	-41,75	1,57	1,3	2,0	55,52	-97,27
617	1,685	28,21	-18,67	1,67	1,2	2,1	55,62	-74,29
618	1,746	31,37	30,35	1,80	1,2	2,1	55,72	-25,37
619	1,746	31,37	30,35	1,80	1,2	2,1	55,82	-25,47
620	1,799	32,21	35,28	1,79	1,2	2,1	55,92	-20,64
621	1,816	33,21	25,95	1,83	1,2	2,1	56,02	-30,07
622	1,772	34,04	9,88	1,92	1,3	2,1	56,11	-46,23
623	1,567	33,62	-16,25	2,15	1,4	2,1	56,21	-72,46
624	1,462	33,12	-24,60	2,27	1,2	2,1	56,31	-80,91
625	1,304	30,13	-45,34	2,31	1,2	2,1	56,41	-101,75
626	1,304	30,13	-45,34	2,31	1,2	2,1	56,51	-101,85
627	1,212	29,96	-58,72	2,47	1,2	2,1	56,60	-115,32
628	1,147	29,04	-28,91	2,53	1,2	2,1	56,70	-85,61
629	1,155	29,46	-6,28	2,55	1,2	2,1	56,80	-63,08
630	1,160	28,59	-10,59	2,46	1,2	2,1	56,90	-67,49
631	1,160	29,75	-27,11	2,56	1,3	2,1	57,00	-84,11
632	1,120	29,04	15,44	2,59	1,3	2,1	57,09	-41,65
633	1,120	29,04	15,44	2,59	1,3	2,1	57,19	-41,75
634	1,160	27,88	36,63	2,40	1,2	2,0	57,29	-20,66
635	1,204	28,30	59,71	2,35	1,2	2,1	57,39	2,32
636	1,291	29,63	129,83	2,30	1,2	2,0	57,49	72,34
637	1,379	30,21	150,75	2,19	1,3	2,1	57,58	93,17
638	1,545	31,83	111,24	2,06	1,2	2,1	57,68	53,56
639	1,545	31,83	111,24	2,06	1,2	2,1	57,78	53,46
640	1,567	33,58	84,40	2,14	1,4	2,0	57,88	26,52
641	1,527	34,12	65,36	2,23	1,2	2,0	57,98	7,38
642	1,339	32,46	36,81	2,42	1,4	2,1	58,08	-21,27
643	1,243	31,71	34,21	2,55	1,2	2,1	58,17	-23,96
644	1,050	29,50	19,66	2,81	1,4	2,1	58,27	-38,61
645	1,050	29,50	19,66	2,81	1,4	2,1	58,37	-38,71
646	0,954	27,88	13,11	2,92	1,3	2,1	58,47	-45,36
647	0,888	25,30	9,16	2,85	1,2	2,1	58,57	-49,41
648	0,853	23,26	13,56	2,73	1,4	2,1	58,66	-45,10
649	0,818	21,22	43,90	2,59	1,2	2,1	58,76	-14,86
650	0,818	20,39	74,52	2,49	1,2	2,1	58,86	15,66

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
651	0,836	19,06	113,66	2,28	1,3	2,1	58,96	54,70
652	0,862	18,31	149,85	2,12	1,2	2,1	59,06	90,79
653	0,888	17,89	185,67	2,01	1,2	2,1	59,15	126,52
654	0,923	17,39	215,48	1,88	1,2	2,1	59,25	156,23
655	0,945	16,35	230,11	1,73	1,2	2,0	59,35	170,76
656	0,937	13,86	238,82	1,48	1,2	2,0	59,45	179,37
657	0,932	13,57	249,15	1,46	1,4	2,0	59,55	189,60
658	0,906	14,81	230,92	1,63	1,2	2,0	59,64	171,28
659	0,906	14,81	230,92	1,63	1,2	2,0	59,74	171,18
660	0,884	15,31	208,92	1,73	1,2	2,0	59,84	149,08
661	0,884	15,44	205,60	1,75	1,2	2,1	59,94	145,66
662	0,875	13,57	226,70	1,55	1,2	2,1	60,04	166,66
663	0,867	12,52	251,75	1,44	1,4	2,0	60,14	191,61
664	0,849	11,40	285,78	1,34	1,4	2,0	60,23	225,55
665	0,849	11,40	285,78	1,34	1,4	2,0	60,33	225,45
666	0,845	11,48	288,38	1,36	1,2	2,1	60,43	227,95
667	0,840	11,94	284,34	1,42	1,2	2,0	60,53	223,81
668	0,818	13,23	280,30	1,62	1,2	2,1	60,63	219,67
669	0,810	14,06	275,72	1,74	1,2	2,1	60,72	215,00
670	0,792	16,06	261,27	2,03	1,2	2,0	60,82	200,45
671	0,792	16,06	261,27	2,03	1,2	2,0	60,92	200,35
672	0,788	17,14	258,48	2,18	1,2	2,1	61,02	197,46
673	0,792	18,06	276,26	2,28	1,2	2,1	61,12	215,14
674	0,788	17,77	301,49	2,26	1,2	2,0	61,21	240,28
675	0,840	15,81	348,00	1,88	1,4	2,1	61,31	286,69
676	0,862	15,40	340,82	1,79	1,4	2,2	61,41	279,41
677	0,862	13,94	354,82	1,62	1,2	2,1	61,51	293,31
678	0,862	13,94	354,82	1,62	1,2	2,1	61,61	293,21
679	0,884	13,40	363,71	1,52	1,4	2,1	61,70	302,01
680	0,902	13,19	359,13	1,46	1,2	2,0	61,80	297,33
681	0,910	13,23	374,21	1,45	1,4	2,0	61,90	312,31
682	0,932	12,86	395,76	1,38	1,4	2,0	62,00	333,76
683	0,989	12,69	430,24	1,28	1,2	2,1	62,10	368,14
684	0,989	12,69	430,24	1,28	1,2	2,1	62,20	368,04
685	1,007	12,57	445,41	1,25	1,4	2,1	62,29	383,12
686	1,028	12,32	455,20	1,20	1,2	2,1	62,39	392,81
687	1,042	12,61	460,14	1,21	1,2	2,0	62,49	397,65
688	1,055	13,77	432,66	1,31	1,2	2,1	62,59	370,07
689	1,020	15,02	409,77	1,47	1,4	2,0	62,69	347,08
690	0,972	16,89	357,60	1,74	1,2	2,1	62,78	294,82
691	0,972	16,89	357,60	1,74	1,2	2,1	62,88	294,72
692	0,941	17,68	344,05	1,88	1,2	2,1	62,98	281,07
693	0,915	17,81	339,29	1,95	1,2	2,2	63,08	276,21
694	0,867	18,60	349,17	2,15	1,4	2,1	63,18	285,99
695	0,867	18,14	357,96	2,09	1,2	2,1	63,27	294,69
696	0,932	14,56	439,04	1,56	1,2	2,1	63,37	375,67
697	0,932	14,56	439,04	1,56	1,2	2,1	63,47	375,57
698	0,958	14,73	423,68	1,54	1,2	2,0	63,57	360,11
699	0,950	15,35	414,62	1,62	1,2	2,1	63,67	350,95
700	0,941	16,23	405,10	1,72	1,2	2,0	63,77	341,33
701	0,915	16,85	398,10	1,84	1,2	2,0	63,86	334,24
702	0,880	16,73	392,80	1,90	1,2	2,0	63,96	328,84
703	0,849	16,52	393,79	1,95	1,2	2,1	64,06	329,73
704	0,849	16,27	400,52	1,92	1,2	2,0	64,16	336,36
705	0,880	15,73	422,70	1,79	1,2	2,0	64,26	358,44
706	0,880	15,73	422,70	1,79	1,2	2,0	64,35	358,35
707	0,893	15,52	419,73	1,74	1,2	2,0	64,45	355,28
708	0,910	15,73	417,04	1,73	1,2	2,0	64,55	352,49
709	0,937	16,64	410,04	1,78	1,2	2,0	64,65	345,39
710	0,950	16,81	436,25	1,77	1,2	2,0	64,75	371,50
711	0,998	17,23	449,36	1,73	1,2	2,1	64,84	384,52
712	0,998	17,23	449,36	1,73	1,2	2,1	64,94	384,42
713	1,015	17,60	435,09	1,73	1,2	2,1	65,04	370,05
714	1,028	17,85	416,59	1,74	1,2	2,0	65,14	351,45
715	1,028	19,31	371,97	1,88	1,2	2,1	65,24	306,73

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
716	1,007	20,47	356,98	2,03	1,2	2,1	65,33	291,65
717	0,976	21,89	325,46	2,24	1,2	2,1	65,43	260,03
718	0,976	21,89	325,46	2,24	1,2	2,1	65,53	259,93
719	0,972	22,97	307,60	2,36	1,2	2,1	65,63	241,97
720	0,958	24,43	297,36	2,55	1,2	2,1	65,73	231,63
721	0,945	25,63	290,99	2,71	1,2	2,1	65,83	225,16
722	0,915	28,05	273,30	3,07	1,2	2,1	65,92	207,38
723	0,902	29,17	268,72	3,23	1,2	2,0	66,02	202,70
724	0,902	30,42	288,29	3,37	1,2	2,1	66,12	222,17
725	0,902	30,42	288,29	3,37	1,2	2,1	66,22	222,07
726	0,902	31,08	300,68	3,45	1,2	2,1	66,32	234,36
727	0,893	30,50	318,37	3,42	1,2	2,0	66,41	251,96
728	0,915	28,21	328,25	3,08	1,2	2,1	66,51	261,74
729	0,937	27,59	346,11	2,94	1,2	2,1	66,61	279,50
730	0,993	25,92	395,40	2,61	1,2	2,0	66,71	328,69
731	0,993	25,92	395,40	2,61	1,2	2,0	66,81	328,59
732	1,002	26,05	410,04	2,60	1,2	2,1	66,90	343,14
733	0,993	25,92	414,44	2,61	1,2	2,0	67,00	347,44
734	0,976	25,59	406,81	2,62	1,2	2,0	67,10	339,71
735	0,972	24,01	410,76	2,47	1,2	2,1	67,20	343,56
736	0,967	23,22	415,96	2,40	1,2	2,0	67,30	348,66
737	0,976	22,89	406,09	2,35	1,2	2,1	67,39	338,70
738	0,976	22,89	406,09	2,35	1,2	2,1	67,49	338,60
739	0,963	23,43	409,50	2,43	1,1	2,0	67,59	341,91
740	0,963	23,43	408,69	2,43	1,2	2,0	67,69	341,00
741	0,963	23,93	420,90	2,48	1,2	2,0	67,79	353,11
742	0,963	24,09	451,79	2,50	1,2	2,0	67,89	383,90
743	0,972	24,47	357,96	2,52	1,1	2,1	67,98	289,98
744	0,972	24,47	357,96	2,52	1,1	2,1	68,08	289,88
745	0,967	24,30	350,60	2,51	1,2	2,1	68,18	282,42
746	0,985	24,68	340,64	2,51	1,1	2,1	68,28	272,36
747	0,958	26,05	297,27	2,72	1,2	2,1	68,38	228,89
748	0,945	26,30	308,67	2,78	1,2	2,1	68,47	240,20
749	0,958	26,01	343,06	2,72	1,2	2,1	68,57	274,49
750	0,958	26,01	343,06	2,72	1,2	2,1	68,67	274,39
751	0,980	25,59	360,21	2,61	1,1	2,1	68,77	291,44
752	1,015	24,84	372,42	2,45	1,1	2,0	68,87	303,55
753	1,081	24,68	394,42	2,28	1,1	2,1	68,96	325,46
754	1,300	24,59	419,91	1,89	1,2	2,1	69,06	350,85
755	1,435	24,59	444,16	1,71	1,2	2,0	69,16	375,00
756	1,746	23,80	291,61	1,36	1,2	2,0	69,26	222,35
757	1,746	23,80	291,61	1,36	1,2	2,0	69,36	222,25
758	1,926	23,72	150,83	1,23	1,2	2,0	69,45	81,38
759	2,206	27,59	73,53	1,25	1,1	2,0	69,55	3,98
760	2,263	29,21	67,52	1,29	1,2	2,0	69,65	-2,13
761	2,333	28,21	71,92	1,21	1,3	2,1	69,75	2,17
762	2,333	28,21	71,92	1,21	1,3	2,1	69,85	2,07
763	2,385	27,21	88,80	1,14	1,1	2,0	69,95	18,85
764	2,473	27,88	108,37	1,13	1,2	2,0	70,04	38,33
765	2,683	31,96	148,05	1,19	1,2	2,0	70,14	77,91
766	2,805	32,96	158,65	1,18	1,1	2,0	70,24	88,41
767	2,845	32,00	142,93	1,12	1,1	2,1	70,34	72,59
768	2,845	32,00	142,93	1,12	1,1	2,1	70,44	72,49
769	2,748	31,13	111,24	1,13	1,2	2,1	70,53	40,71
770	2,604	29,84	59,89	1,15	1,2	2,1	70,63	-10,74
771	2,411	27,71	0,18	1,15	1,3	2,0	70,73	-70,55
772	1,987	25,59	-74,16	1,29	1,3	2,0	70,83	-144,99
773	1,777	26,76	-82,33	1,51	1,3	2,1	70,93	-153,26
774	1,501	28,88	-79,19	1,92	1,2	2,1	71,02	-150,21
775	1,501	28,88	-79,19	1,92	1,2	2,1	71,12	-150,31
776	1,365	28,13	-73,98	2,06	1,3	2,1	71,22	-145,20
777	1,274	27,84	-5,03	2,19	1,2	2,1	71,32	-76,35
778	1,488	22,43	115,28	1,51	1,3	2,1	71,42	43,86
779	1,628	24,01	169,69	1,47	1,2	2,0	71,51	98,18
780	1,821	29,92	214,58	1,64	1,3	2,0	71,61	142,97

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
781	1,821	29,92	214,58	1,64	1,3	2,0	71,71	142,87
782	1,917	31,71	208,92	1,65	1,3	2,0	71,81	137,11
783	2,000	33,62	173,28	1,68	1,3	2,0	71,91	101,37
784	2,083	39,61	111,24	1,90	1,3	2,0	72,01	39,23
785	2,066	42,65	79,55	2,06	1,1	2,1	72,10	7,45
786	1,982	46,31	55,93	2,34	1,3	2,0	72,20	-16,27
787	1,982	46,31	55,93	2,34	1,3	2,0	72,30	-16,37
788	1,947	46,11	56,56	2,37	1,2	2,0	72,40	-15,84
789	1,908	46,40	60,87	2,43	1,2	2,0	72,50	-11,63
790	1,829	48,48	73,62	2,65	1,3	2,1	72,59	1,03
791	1,829	46,60	71,56	2,55	1,3	2,0	72,69	-1,13
792	1,799	45,44	45,34	2,53	1,3	2,2	72,79	-27,45
793	1,799	45,44	45,34	2,53	1,3	2,2	72,89	-27,55
794	1,724	45,27	34,39	2,63	1,3	2,1	72,99	-38,60
795	1,619	44,07	18,67	2,72	1,2	2,1	73,08	-54,41
796	1,484	40,70	-6,55	2,74	1,2	2,0	73,18	-79,73
797	1,120	38,57	116,27	3,44	1,3	2,0	73,28	42,99
798	1,120	38,57	116,27	3,44	1,3	2,0	73,38	42,89
799	1,007	33,50	136,92	3,33	1,2	2,0	73,48	63,44
800	0,985	31,04	190,43	3,15	1,3	2,0	73,58	116,85
801	1,055	30,79	259,92	2,92	1,3	2,1	73,67	186,25
802	1,212	31,58	339,47	2,61	1,3	2,0	73,77	265,70
803	1,453	31,67	417,85	2,18	1,3	2,1	73,87	343,98
804	1,860	31,37	276,26	1,69	1,3	2,1	73,97	202,29
805	2,013	32,25	161,16	1,60	1,3	2,0	74,07	87,09
806	2,171	36,41	73,26	1,68	1,3	2,0	74,16	-0,90
807	2,171	36,41	73,26	1,68	1,3	2,0	74,26	-1,00
808	2,175	36,87	60,06	1,70	1,3	2,0	74,36	-14,30
809	2,109	34,45	30,80	1,63	1,3	2,0	74,46	-43,66
810	2,079	33,33	28,19	1,60	1,3	2,0	74,56	-46,37
811	2,070	33,37	44,80	1,61	1,3	2,0	74,65	-29,85
812	2,070	33,37	44,80	1,61	1,3	2,0	74,75	-29,95
813	2,048	33,75	60,06	1,65	1,3	2,1	74,85	-14,79
814	2,096	33,79	76,41	1,61	1,3	2,1	74,95	1,46
815	2,232	36,20	97,23	1,62	1,3	2,0	75,05	22,18
816	2,271	38,99	92,84	1,72	1,3	2,0	75,14	17,70
817	2,276	44,48	59,97	1,95	1,3	2,0	75,24	-15,27
818	2,276	44,48	59,97	1,95	1,3	2,0	75,34	-15,37
819	2,258	48,02	46,33	2,13	1,3	2,0	75,44	-29,11
820	2,228	49,98	35,02	2,24	1,3	2,1	75,54	-40,52
821	2,201	51,06	34,66	2,32	1,3	2,1	75,64	-40,98
822	2,219	49,52	49,20	2,23	1,3	2,0	75,73	-26,53
823	2,315	48,89	76,76	2,11	1,2	2,0	75,83	0,93
824	2,315	48,89	76,76	2,11	1,2	2,0	75,93	0,83
825	2,363	49,27	74,07	2,09	1,2	2,1	76,03	-1,96
826	2,372	49,68	59,35	2,09	1,3	2,0	76,13	-16,78
827	2,346	50,10	41,93	2,14	1,3	2,1	76,22	-34,29
828	2,214	51,35	-0,18	2,32	1,3	2,1	76,32	-76,50
829	2,127	51,47	-15,71	2,42	1,3	2,1	76,42	-92,13
830	1,956	49,81	-19,03	2,55	1,3	2,0	76,52	-95,55
831	1,956	49,81	-19,03	2,55	1,3	2,0	76,62	-95,65
832	1,908	44,86	-6,82	2,35	1,4	2,0	76,71	-83,53
833	1,917	42,94	11,67	2,24	1,2	2,0	76,81	-65,14
834	1,930	42,11	27,29	2,18	1,3	2,0	76,91	-49,62
835	1,921	41,49	23,16	2,16	1,3	2,1	77,01	-53,85
836	1,873	40,57	2,96	2,17	1,2	2,1	77,11	-74,15
837	1,873	40,57	2,96	2,17	1,2	2,1	77,20	-74,24
838	1,786	41,15	-18,94	2,30	1,3	2,0	77,30	-96,24
839	1,650	41,28	-49,83	2,50	1,3	2,0	77,40	-127,23
840	1,309	35,99	-88,44	2,75	1,3	2,0	77,50	-165,94
841	1,160	31,79	-91,58	2,74	1,2	2,0	77,60	-169,18
842	0,972	29,46	-92,39	3,03	1,4	2,1	77,70	-170,09
843	0,972	29,46	-92,39	3,03	1,4	2,1	77,79	-170,18
844	0,897	28,92	-88,80	3,22	1,4	2,1	77,89	-166,69
845	0,849	28,21	-80,98	3,32	1,4	2,1	77,99	-158,97



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
846	0,862	25,63	-9,16	2,97	1,4	2,1	78,09	-87,25
847	0,858	25,30	31,06	2,95	1,4	2,1	78,19	-47,13
848	0,875	24,55	99,03	2,81	1,3	2,1	78,28	20,75
849	0,875	24,55	99,03	2,81	1,3	2,1	78,38	20,65
850	0,867	23,64	104,06	2,73	1,3	2,0	78,48	25,58
851	0,871	23,22	114,47	2,67	1,3	2,1	78,58	35,89
852	0,884	23,39	124,35	2,65	1,4	2,1	78,68	45,67
853	0,897	21,85	124,35	2,44	1,4	2,1	78,77	45,58
854	0,897	20,22	119,14	2,25	1,4	2,0	78,87	40,27
855	0,867	17,98	103,52	2,07	1,5	2,0	78,97	24,55
856	0,867	17,98	103,52	2,07	1,5	2,0	79,07	24,45
857	0,810	17,89	101,72	2,21	1,4	2,0	79,17	22,55
858	0,783	16,85	105,05	2,15	1,4	2,0	79,26	25,79
859	0,770	16,15	130,72	2,10	1,4	2,0	79,36	51,36
860	0,766	16,73	141,59	2,18	1,4	2,1	79,46	62,13
861	0,744	18,14	143,11	2,44	1,4	2,0	79,56	63,55
862	0,744	18,14	143,11	2,44	1,4	2,0	79,66	63,45
863	0,722	17,19	138,80	2,38	1,4	2,0	79,76	59,04
864	0,709	15,98	147,51	2,25	1,5	2,0	79,85	67,66
865	0,709	15,06	172,65	2,12	1,5	2,1	79,95	92,70
866	0,709	14,69	182,44	2,07	1,5	2,0	80,05	102,39
867	0,713	13,40	198,06	1,88	1,4	2,1	80,15	117,91
868	0,713	13,40	198,06	1,88	1,4	2,1	80,25	117,81
869	0,718	12,94	208,12	1,80	1,4	2,1	80,34	127,78
870	0,718	12,28	215,75	1,71	1,4	2,0	80,44	135,31
871	0,709	10,74	224,91	1,51	1,5	2,1	80,54	144,37
872	0,709	10,53	232,27	1,49	1,4	2,0	80,64	151,63
873	0,722	10,32	270,16	1,43	1,5	2,1	80,74	189,42
874	0,722	10,32	270,16	1,43	1,5	2,1	80,83	189,33
875	0,757	9,82	282,10	1,30	1,5	2,1	80,93	201,17
876	0,788	9,49	282,28	1,20	1,5	2,1	81,03	201,25
877	0,823	9,36	293,41	1,14	1,4	2,1	81,13	212,28
878	0,875	9,78	319,99	1,12	1,5	2,0	81,23	238,76
879	0,893	10,24	327,44	1,15	1,5	2,0	81,32	246,12
880	0,910	11,57	327,35	1,27	1,5	2,0	81,42	245,93
881	0,910	11,57	327,35	1,27	1,5	2,0	81,52	245,83
882	0,893	12,65	318,73	1,42	1,6	2,0	81,62	237,11
883	0,871	13,36	313,16	1,53	1,6	2,1	81,72	231,44
884	0,853	14,90	304,45	1,75	1,5	2,1	81,82	222,63
885	0,836	15,60	305,53	1,87	1,6	2,1	81,91	223,62
886	0,823	15,81	306,07	1,92	1,5	2,0	82,01	224,06
887	0,823	15,81	306,07	1,92	1,5	2,0	82,11	223,96
888	0,814	16,02	304,72	1,97	1,5	2,0	82,21	222,51
889	0,805	15,94	307,51	1,98	1,6	2,0	82,31	225,20
890	0,814	15,65	326,72	1,92	1,5	2,1	82,40	244,32
891	0,823	15,81	334,89	1,92	1,5	2,1	82,50	252,39
892	0,832	15,27	351,77	1,84	1,6	2,1	82,60	269,17
893	0,832	15,27	351,77	1,84	1,6	2,1	82,70	269,07
894	0,840	15,06	360,21	1,79	1,6	2,1	82,80	277,41
895	0,853	15,02	365,69	1,76	1,5	2,0	82,89	282,80
896	0,503	11,61	440,20	2,31	1,5	2,0	82,99	357,21
897	0,503	11,61	440,20	2,31	1,5	2,0	83,09	357,11
898	0,884	12,28	388,13	1,39	1,5	2,0	83,19	304,94
899	0,875	13,02	376,46	1,49	1,6	2,1	83,29	293,17
900	0,867	13,40	368,11	1,55	1,5	2,0	83,39	284,72
901	0,853	14,65	361,82	1,72	1,5	2,0	83,48	278,34
902	0,853	14,65	361,82	1,72	1,5	2,0	83,58	278,24
903	0,836	15,27	360,03	1,83	1,5	2,1	83,68	276,35
904	0,818	15,81	357,87	1,93	1,6	2,0	83,78	274,09
905	0,796	16,06	363,35	2,02	1,6	2,1	83,88	279,47
906	0,788	15,90	369,82	2,02	1,6	2,0	83,97	285,85
907	0,783	15,52	388,13	1,98	1,5	2,0	84,07	304,06
908	0,783	15,52	388,13	1,98	1,5	2,0	84,17	303,96
909	0,783	15,40	392,26	1,97	1,5	2,0	84,27	307,99
910	0,770	14,56	394,24	1,89	1,6	2,0	84,37	309,87

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
911	0,770	14,31	399,26	1,86	1,5	2,0	84,46	314,80
912	0,757	14,11	391,27	1,86	1,6	2,0	84,56	306,71
913	0,757	14,11	391,27	1,86	1,6	2,0	84,66	306,61
914	0,744	13,77	383,91	1,85	1,5	2,1	84,76	299,15
915	0,735	13,61	384,09	1,85	1,6	2,0	84,86	299,23
916	0,735	13,57	386,51	1,85	1,5	2,1	84,95	301,56
917	0,731	13,02	391,36	1,78	1,6	2,0	85,05	306,31
918	0,731	12,77	391,81	1,75	1,5	2,0	85,15	306,66
919	0,722	12,11	404,11	1,68	1,5	2,1	85,25	318,86
920	0,722	12,11	404,11	1,68	1,5	2,1	85,35	318,76
921	0,718	11,53	414,44	1,61	1,5	2,1	85,45	328,99
922	0,722	10,90	427,64	1,51	1,6	2,1	85,54	342,10
923	0,735	9,95	450,80	1,35	1,6	2,1	85,64	365,16
924	0,757	9,74	466,87	1,29	1,6	2,0	85,74	381,13
925	0,818	9,40	500,09	1,15	1,7	2,1	85,84	414,25
926	0,818	9,40	500,09	1,15	1,7	2,1	85,94	414,15
927	0,853	9,36	511,67	1,10	1,6	2,1	86,03	425,64
928	0,888	9,57	517,96	1,08	1,5	2,0	86,13	431,83
929	0,954	10,15	526,76	1,06	1,6	2,1	86,23	440,53
930	0,980	10,32	534,84	1,05	1,7	2,1	86,33	448,51
931	1,042	11,40	520,29	1,09	1,6	2,1	86,43	433,86
932	1,042	11,40	520,29	1,09	1,6	2,1	86,52	433,77
933	1,068	12,40	499,37	1,16	1,7	2,0	86,62	412,75
934	1,081	13,73	487,16	1,27	1,6	2,0	86,72	400,44
935	1,090	16,69	469,02	1,53	1,6	2,0	86,82	382,20
936	1,107	17,60	465,97	1,59	1,6	2,0	86,92	379,05
937	1,112	21,14	456,72	1,90	1,6	2,0	87,01	369,71
938	1,112	21,14	456,72	1,90	1,6	2,0	87,11	369,61
939	1,112	22,76	455,56	2,05	1,7	2,1	87,21	368,35
940	1,107	24,68	456,72	2,23	1,7	2,0	87,31	369,41
941	1,107	27,13	458,61	2,45	1,6	2,0	87,41	371,20
942	1,098	28,50	462,29	2,60	1,6	2,0	87,51	374,78
943	1,098	30,00	452,33	2,73	1,6	2,0	87,60	364,73
944	1,098	30,00	452,33	2,73	1,6	2,0	87,70	364,63
945	1,090	31,25	448,73	2,87	1,6	2,1	87,80	360,93
946	1,085	32,04	440,92	2,95	1,6	2,1	87,90	353,02
947	1,081	32,96	438,05	3,05	1,7	2,1	88,00	350,05
948	1,063	33,62	445,50	3,16	1,6	2,1	88,09	357,41
949	1,063	33,75	448,29	3,17	1,6	2,0	88,19	360,10
950	1,063	34,00	456,90	3,20	1,6	2,1	88,29	368,61
951	1,063	34,00	456,90	3,20	1,6	2,1	88,39	368,51
952	1,059	34,12	463,55	3,22	1,6	2,0	88,49	375,06
953	1,068	33,75	466,24	3,16	1,6	2,1	88,58	377,66
954	1,068	34,25	472,35	3,21	1,7	2,1	88,68	383,67
955	1,068	34,45	473,69	3,23	1,6	2,1	88,78	384,91
956	1,063	34,04	466,51	3,20	1,7	2,0	88,88	377,63
957	1,063	34,04	466,51	3,20	1,7	2,0	88,98	377,53
958	1,059	33,95	458,61	3,21	1,6	2,0	89,07	369,54
959	1,059	33,75	454,57	3,19	1,7	2,0	89,17	365,40
960	1,059	33,87	438,77	3,20	1,7	2,0	89,27	349,50
961	1,046	34,04	429,07	3,25	1,7	2,1	89,37	339,70
962	1,024	34,33	428,80	3,35	1,6	2,0	89,47	339,33
963	1,024	34,33	428,80	3,35	1,6	2,0	89,57	339,23
964	1,007	34,62	431,59	3,44	1,6	2,0	89,66	341,93
965	0,993	34,66	432,48	3,49	1,6	2,0	89,76	342,72
966	0,976	34,08	431,59	3,49	1,6	2,0	89,86	341,73
967	0,958	33,87	430,69	3,54	1,6	2,0	89,96	340,73
968	0,950	32,04	441,64	3,37	1,6	2,1	90,06	351,58
969	0,950	32,04	441,64	3,37	1,6	2,1	90,15	351,49
970	0,954	31,25	453,58	3,28	1,6	2,1	90,25	363,33
971	0,963	29,96	471,54	3,11	1,6	2,0	90,35	381,19
972	1,002	27,80	503,86	2,77	1,6	2,0	90,45	413,41
973	1,028	26,84	524,78	2,61	1,6	2,1	90,55	434,23
974	1,085	24,51	560,87	2,26	1,6	2,1	90,64	470,23
975	1,085	24,51	560,87	2,26	1,6	2,1	90,74	470,13

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
976	1,120	23,80	573,17	2,13	1,6	2,0	90,84	482,33
977	1,147	23,39	574,61	2,04	1,6	2,1	90,94	483,67
978	1,164	23,26	573,62	2,00	1,6	2,1	91,04	482,58
979	1,182	23,30	568,06	1,97	1,6	2,0	91,13	476,93
980	1,212	24,63	546,78	2,03	1,6	2,0	91,23	455,55
981	1,212	24,63	546,78	2,03	1,6	2,0	91,33	455,45
982	1,221	25,97	545,34	2,13	1,6	2,0	91,43	453,91
983	1,234	27,17	545,88	2,20	1,6	2,1	91,53	454,35
984	1,269	30,17	521,64	2,38	1,6	2,0	91,63	430,01
985	1,282	32,29	519,66	2,52	1,6	2,1	91,72	427,94
986	1,309	35,91	523,34	2,74	1,6	2,0	91,82	431,52
987	1,309	35,91	523,34	2,74	1,6	2,0	91,92	431,42
988	1,322	38,45	530,62	2,91	1,6	2,0	92,02	438,60
989	1,322	40,53	523,34	3,07	1,6	2,0	92,12	431,22
990	1,339	43,48	498,11	3,25	1,6	2,0	92,21	405,90
991	1,339	45,15	489,23	3,37	1,6	2,0	92,31	396,92
992	1,339	48,44	487,52	3,62	1,6	2,1	92,41	395,11
993	1,339	48,44	487,52	3,62	1,6	2,1	92,51	395,01
994	1,352	50,43	473,51	3,73	1,6	2,1	92,61	380,90
995	1,348	52,10	466,24	3,86	1,7	2,1	92,70	373,54
996	1,339	54,22	464,27	4,05	1,6	2,0	92,80	371,47
997	1,147	58,80	593,64	5,13	1,6	2,0	92,90	500,74
998	1,147	58,80	593,64	5,13	1,6	2,0	93,00	500,64
999	1,291	60,46	550,10	4,68	1,6	2,0	93,10	457,00
1000	1,278	61,29	519,12	4,80	1,6	2,0	93,20	425,92
1001	1,282	61,25	505,48	4,78	1,6	2,0	93,29	412,19
1002	1,274	61,21	484,83	4,80	1,6	2,1	93,39	391,44
1003	1,274	61,21	484,83	4,80	1,6	2,1	93,49	391,34
1004	1,265	61,96	475,67	4,90	1,7	2,0	93,59	382,08
1005	1,260	62,17	461,03	4,93	1,6	2,0	93,69	367,34
1006	1,221	62,38	437,24	5,11	1,6	2,1	93,78	343,46
1007	1,204	62,33	429,97	5,18	1,6	2,0	93,88	336,09
1008	1,173	62,75	405,73	5,35	1,6	2,0	93,98	311,75
1009	1,173	62,75	405,73	5,35	1,6	2,0	94,08	311,65
1010	1,138	62,54	394,06	5,50	1,6	2,0	94,18	299,88
1011	1,072	61,00	384,36	5,69	1,6	2,0	94,27	290,09
1012	1,050	59,63	377,27	5,68	1,6	2,0	94,37	282,90
1013	1,020	56,47	369,28	5,54	1,6	2,1	94,47	274,81
1014	1,020	56,47	369,28	5,54	1,6	2,1	94,57	274,71
1015	1,011	54,93	371,61	5,43	1,6	2,0	94,67	276,94
1016	1,015	53,68	379,06	5,29	1,6	2,0	94,76	284,30
1017	0,993	50,93	402,86	5,13	1,6	2,0	94,86	308,00
1018	0,985	49,23	420,90	5,00	1,6	2,0	94,96	325,94
1019	1,002	43,48	439,94	4,34	1,6	2,0	95,06	344,88
1020	1,002	43,48	439,94	4,34	1,6	2,0	95,16	344,78
1021	1,007	40,95	442,81	4,07	1,6	2,1	95,26	347,55
1022	1,011	38,99	444,96	3,86	1,6	2,1	95,35	349,61
1023	1,020	34,41	439,13	3,37	1,8	2,1	95,45	343,68
1024	1,020	32,54	439,04	3,19	1,6	2,0	95,55	343,49
1025	1,020	29,34	456,55	2,88	1,5	2,0	95,65	360,90
1026	1,020	29,34	456,55	2,88	1,5	2,0	95,75	360,80
1027	1,024	28,38	465,52	2,77	1,6	2,0	95,84	369,68
1028	1,007	27,96	471,36	2,78	1,8	2,0	95,94	375,42
1029	0,972	26,67	488,15	2,74	1,6	2,0	96,04	392,11
1030	0,967	26,42	480,88	2,73	1,6	2,1	96,14	384,74
1031	0,941	26,30	455,74	2,79	1,6	2,0	96,24	359,50
1032	0,941	26,30	455,74	2,79	1,6	2,0	96,33	359,41
1033	0,928	26,17	449,09	2,82	1,6	2,0	96,43	352,66
1034	0,919	25,97	449,00	2,83	1,6	2,0	96,53	352,47
1035	0,915	24,84	452,77	2,71	1,5	2,0	96,63	356,14
1036	0,910	24,01	451,07	2,64	1,6	2,0	96,73	354,34
1037	0,893	22,01	452,86	2,46	1,6	2,1	96,82	356,04
1038	0,893	22,01	452,86	2,46	1,6	2,1	96,92	355,94
1039	0,888	21,01	462,56	2,37	1,6	2,0	97,02	365,54
1040	0,888	20,26	476,30	2,28	1,6	2,0	97,12	379,18

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1041	0,906	18,73	488,96	2,07	1,6	2,0	97,22	391,74
1042	0,906	18,06	496,86	1,99	1,6	2,0	97,32	399,54
1043	0,888	16,44	507,27	1,85	1,8	2,0	97,41	409,86
1044	0,888	16,44	507,27	1,85	1,8	2,0	97,51	409,76
1045	0,884	15,60	509,25	1,76	1,8	2,0	97,61	411,64
1046	0,893	14,86	519,03	1,66	1,8	2,1	97,71	421,32
1047	0,923	13,65	544,44	1,48	1,6	2,1	97,81	446,63
1048	0,954	12,69	546,51	1,33	1,8	2,0	97,90	448,61
1049	0,976	12,07	515,17	1,24	1,6	2,0	98,00	417,17
1050	0,976	12,07	515,17	1,24	1,6	2,0	98,10	417,07
1051	0,967	12,07	497,13	1,25	1,8	2,1	98,20	398,93
1052	0,945	12,11	470,73	1,28	1,6	2,0	98,30	372,43
1053	0,910	12,52	441,19	1,38	1,6	2,0	98,39	342,80
1054	0,893	12,65	426,47	1,42	1,6	2,1	98,49	327,98
1055	0,849	11,69	423,24	1,38	1,6	2,0	98,59	324,65
1056	0,849	11,69	423,24	1,38	1,6	2,0	98,69	324,55
1057	0,849	11,28	421,26	1,33	1,6	2,0	98,79	322,47
1058	0,845	11,32	416,59	1,34	1,6	2,0	98,88	317,71
1059	0,849	11,07	413,99	1,30	1,6	2,0	98,98	315,01
1060	0,853	11,28	423,24	1,32	1,6	2,0	99,08	324,16
1061	0,862	11,53	443,62	1,34	1,6	2,1	99,18	344,44
1062	0,862	11,53	443,62	1,34	1,6	2,1	99,28	344,34
1063	0,871	11,40	456,72	1,31	1,8	2,0	99,38	357,34
1064	0,875	11,36	460,85	1,30	1,6	2,0	99,47	361,38
1065	0,884	11,40	467,68	1,29	1,8	2,0	99,57	368,11
1066	0,893	11,32	478,45	1,27	1,6	2,0	99,67	378,78
1067	0,928	10,78	508,44	1,16	1,6	2,0	99,77	408,67
1068	0,928	10,78	508,44	1,16	1,6	2,0	99,87	408,57
1069	0,941	10,44	527,83	1,11	1,8	2,1	99,96	427,87
1070	0,954	10,36	546,51	1,09	1,8	2,1	100,06	446,45
1071	0,963	10,69	573,98	1,11	1,8	2,0	100,16	473,82
1072	0,963	10,65	573,53	1,11	1,8	2,0	100,26	473,27
1073	0,950	10,40	569,04	1,09	1,6	2,1	100,36	468,68
1074	0,950	10,40	569,04	1,09	1,6	2,1	100,45	468,59
1075	0,937	9,99	567,07	1,07	1,8	2,0	100,55	466,52
1076	0,932	9,78	570,39	1,05	1,6	2,0	100,65	469,74
1077	0,937	10,36	578,11	1,11	1,8	2,0	100,75	477,36
1078	0,941	10,53	586,91	1,12	1,8	2,1	100,85	486,06
1079	0,980	10,11	594,18	1,03	1,8	2,0	100,94	493,24
1080	0,980	10,11	594,18	1,03	1,8	2,0	101,04	493,14
1081	0,989	9,86	603,43	1,00	1,8	2,0	101,14	502,29
1082	1,011	9,90	615,64	0,98	1,9	2,0	101,24	514,40
1083	1,033	10,44	627,40	1,01	1,8	2,0	101,34	526,06
1084	1,042	10,74	618,51	1,03	1,8	2,0	101,44	517,07
1085	1,050	12,07	598,13	1,15	1,8	2,1	101,53	496,60
1086	1,050	12,07	598,13	1,15	1,8	2,1	101,63	496,50
1087	1,059	13,23	582,06	1,25	1,9	2,0	101,73	480,33
1088	1,072	14,31	565,00	1,33	1,8	2,0	101,83	463,17
1089	1,090	17,93	557,64	1,64	1,9	2,0	101,93	455,71
1090	1,103	19,47	555,31	1,77	1,8	2,0	102,02	453,29
1091	1,120	23,47	540,85	2,10	1,6	2,0	102,12	438,73
1092	1,120	23,47	540,85	2,10	1,6	2,0	102,22	438,63
1093	1,116	25,92	553,33	2,32	1,8	2,0	102,32	451,01
1094	1,133	26,92	540,49	2,38	1,8	2,1	102,42	438,07
1095	1,160	29,92	524,51	2,58	1,8	2,1	102,51	422,00
1096	1,155	32,17	519,48	2,79	1,6	2,1	102,61	416,87
1097	0,731	28,38	588,26	3,88	1,6	2,1	102,71	485,55
1098	0,731	28,38	588,26	3,88	1,6	2,1	102,81	485,45
1099	1,155	37,95	590,50	3,29	1,8	2,0	102,91	487,59
1100	1,212	38,20	578,38	3,15	1,9	1,9	103,01	475,37
1101	1,252	39,70	581,70	3,17	1,9	2,0	103,10	478,60
1102	1,208	42,40	587,45	3,51	1,7	2,0	103,20	484,25
1103	1,204	41,90	601,54	3,48	1,7	2,1	103,30	498,24
1104	1,243	41,20	598,85	3,31	1,7	2,0	103,40	495,45
1105	1,243	41,20	598,85	3,31	1,7	2,0	103,50	495,35

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1106	1,252	41,69	618,51	3,33	1,7	2,0	103,59	514,92
1107	1,217	42,49	602,35	3,49	1,9	2,1	103,69	498,66
1108	1,269	40,99	620,94	3,23	1,9	2,0	103,79	517,15
1109	1,304	39,45	644,01	3,03	1,7	2,0	103,89	540,12
1110	1,379	37,95	656,58	2,75	1,7	2,0	103,99	552,59
1111	1,379	37,95	656,58	2,75	1,7	2,0	104,08	552,50
1112	1,396	37,95	666,64	2,72	1,7	2,0	104,18	562,46
1113	1,409	37,57	684,32	2,67	1,7	2,0	104,28	580,04
1114	1,435	36,49	685,58	2,54	1,7	2,0	104,38	581,20
1115	1,449	35,49	687,92	2,45	1,7	2,0	104,48	583,44
1116	1,479	35,95	643,47	2,43	1,7	2,0	104,57	538,90
1117	1,479	35,95	643,47	2,43	1,7	2,0	104,67	538,80
1118	1,488	37,70	638,44	2,53	1,7	2,0	104,77	533,67
1119	1,554	39,28	630,72	2,53	1,7	2,0	104,87	525,85
1120	1,589	40,57	624,08	2,55	1,7	2,1	104,97	519,11
1121	1,641	45,36	616,18	2,76	1,9	2,0	105,07	511,11
1122	1,641	45,36	616,18	2,76	1,9	2,0	105,16	511,02
1123	1,681	47,73	600,83	2,84	1,7	2,1	105,26	495,57
1124	1,685	49,81	585,47	2,96	1,7	2,1	105,36	480,11
1125	1,681	51,97	587,27	3,09	1,6	2,0	105,46	481,81
1126	1,676	56,18	593,28	3,35	1,7	2,0	105,56	487,72
1127	1,672	57,96	601,01	3,47	1,7	2,0	105,65	495,36
1128	1,685	61,33	640,15	3,64	1,7	2,0	105,75	534,40
1129	1,685	61,33	640,15	3,64	1,7	2,0	105,85	534,30
1130	1,711	62,50	646,88	3,65	1,7	2,0	105,95	540,93
1131	1,729	63,12	636,56	3,65	1,7	2,1	106,05	530,51
1132	1,755	64,33	631,89	3,67	1,7	2,0	106,14	525,75
1133	1,759	67,78	572,45	3,85	1,7	2,0	106,24	466,21
1134	1,759	67,78	572,45	3,85	1,7	2,0	106,34	466,11
1135	1,724	67,29	541,84	3,90	1,7	2,0	106,44	435,40
1136	1,733	67,33	527,56	3,89	1,7	2,0	106,54	421,02
1137	1,672	69,91	482,49	4,18	1,7	2,0	106,63	375,86
1138	1,615	71,40	450,26	4,42	1,7	2,0	106,73	343,53
1139	1,527	73,03	427,19	4,78	1,7	2,0	106,83	320,36
1140	1,527	73,03	427,19	4,78	1,7	2,0	106,93	320,26
1141	1,505	74,03	427,90	4,92	1,7	2,0	107,03	320,87
1142	1,497	74,86	423,59	5,00	1,7	2,0	107,13	316,46
1143	1,475	74,90	420,27	5,08	1,7	2,0	107,22	313,05
1144	1,462	74,69	418,75	5,11	1,7	2,0	107,32	311,43
1145	1,418	74,07	422,25	5,22	1,7	2,0	107,42	314,83
1146	1,418	74,07	422,25	5,22	1,7	2,0	107,52	314,73
1147	1,400	74,07	441,55	5,29	1,7	2,1	107,62	333,93
1148	1,427	73,07	466,96	5,12	1,7	2,1	107,71	359,25
1149	1,435	70,86	462,02	4,94	1,7	2,0	107,81	354,21
1150	1,440	70,28	457,35	4,88	1,7	2,0	107,91	349,44
1151	1,405	67,58	456,37	4,81	1,7	2,0	108,01	348,36
1152	1,405	67,58	456,37	4,81	1,7	2,0	108,11	348,26
1153	1,400	63,25	465,25	4,52	1,9	2,0	108,20	357,05
1154	1,418	59,80	470,55	4,22	1,7	2,0	108,30	362,25
1155	1,396	58,34	474,50	4,18	1,7	2,1	108,40	366,10
1156	1,383	58,05	470,19	4,20	1,7	2,0	108,50	361,69
1157	1,383	58,80	474,95	4,25	1,7	2,0	108,60	366,35
1158	1,383	58,80	474,95	4,25	1,7	2,0	108,69	366,26
1159	1,374	59,55	476,03	4,33	1,7	2,0	108,79	367,24
1160	1,348	60,13	464,98	4,46	1,7	2,0	108,89	356,09
1161	1,348	60,00	473,60	4,45	1,7	2,0	108,99	364,61
1162	1,357	59,55	482,67	4,39	1,7	2,0	109,09	373,58
1163	1,357	59,55	482,67	4,39	1,7	2,0	109,19	373,48
1164	1,352	59,55	485,01	4,40	1,7	2,0	109,28	375,73
1165	1,357	59,67	489,85	4,40	1,7	2,0	109,38	380,47
1166	1,370	60,67	499,28	4,43	1,7	2,0	109,48	389,80
1167	1,396	61,42	496,23	4,40	1,7	2,0	109,58	386,65
1168	1,396	63,46	516,61	4,55	1,7	2,0	109,68	406,93
1169	1,396	63,46	516,61	4,55	1,7	2,0	109,77	406,84
1170	1,400	64,16	536,00	4,58	1,7	2,0	109,87	426,13

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1171	1,409	65,33	545,07	4,64	1,7	2,1	109,97	435,10
1172	1,422	67,74	553,69	4,76	1,7	2,1	110,07	443,62
1173	1,431	69,16	559,97	4,83	1,7	2,0	110,17	449,80
1174	1,484	71,57	601,81	4,82	1,7	2,0	110,26	491,55
1175	1,484	71,57	601,81	4,82	1,7	2,0	110,36	491,45
1176	1,514	73,03	618,87	4,82	1,7	2,0	110,46	508,41
1177	1,611	75,32	646,44	4,68	1,7	2,0	110,56	535,88
1178	1,659	76,77	650,92	4,63	1,7	2,1	110,66	540,26
1179	1,724	80,73	679,75	4,68	1,8	2,0	110,75	569,00
1180	1,724	80,73	679,75	4,68	1,8	2,0	110,85	568,90
1181	1,764	81,89	696,89	4,64	1,7	2,0	110,95	585,94
1182	1,812	82,31	710,81	4,54	1,7	2,0	111,05	599,76
1183	1,908	82,27	738,64	4,31	1,7	2,0	111,15	627,49
1184	1,961	82,47	757,50	4,21	1,8	2,0	111,25	646,25
1185	2,057	85,47	767,37	4,16	1,7	2,1	111,34	656,03
1186	2,057	85,47	767,37	4,16	1,7	2,1	111,44	655,93
1187	2,096	87,47	775,00	4,17	1,7	2,0	111,54	663,46
1188	2,153	90,96	790,18	4,22	1,7	2,0	111,64	678,54
1189	2,201	91,42	766,56	4,15	1,7	2,0	111,74	654,82
1190	2,228	94,71	697,43	4,25	1,8	2,0	111,83	585,60
1191	2,228	94,71	697,43	4,25	1,8	2,0	111,93	585,50
1192	2,214	98,87	675,88	4,47	1,7	2,0	112,03	563,85
1193	2,210	102,32	658,65	4,63	1,8	2,0	112,13	546,52
1194	2,175	109,40	609,53	5,03	1,7	2,0	112,23	497,30
1195	2,158	113,22	588,17	5,25	1,7	2,0	112,32	475,85
1196	2,088	121,92	555,93	5,84	1,7	2,1	112,42	443,51
1197	2,088	121,92	555,93	5,84	1,7	2,1	112,52	443,41
1198	2,057	125,75	512,57	6,11	1,7	2,0	112,62	399,95
1199	2,004	125,50	635,66	6,26	1,6	1,9	112,72	522,94
1200	2,004	125,50	635,66	6,26	1,6	1,9	112,82	522,84
1201	2,057	128,75	619,41	6,26	1,7	2,0	112,91	506,50
1202	2,083	132,28	612,77	6,35	1,7	2,0	113,01	499,76
1203	2,140	135,49	618,33	6,33	1,7	2,0	113,11	505,22
1204	2,171	136,11	630,18	6,27	1,7	2,0	113,21	516,97
1205	2,249	137,77	653,44	6,13	1,7	2,0	113,31	540,13
1206	2,249	137,77	653,44	6,13	1,7	2,0	113,40	540,04
1207	2,311	137,03	659,90	5,93	1,7	2,0	113,50	546,40
1208	2,363	136,40	669,60	5,77	1,7	2,0	113,60	556,00
1209	2,446	134,11	665,47	5,48	1,7	2,0	113,70	551,77
1210	2,512	132,24	666,73	5,26	1,7	2,0	113,80	552,93
1211	2,586	132,24	648,05	5,11	1,7	2,0	113,89	534,16
1212	2,586	132,24	648,05	5,11	1,7	2,0	113,99	534,06
1213	2,661	133,74	593,64	5,03	1,7	2,0	114,09	479,55
1214	2,630	137,36	575,42	5,22	1,7	2,0	114,19	461,23
1215	2,573	143,10	542,83	5,56	1,7	2,0	114,29	428,54
1216	2,573	143,10	542,83	5,56	1,7	2,0	114,38	428,45
1217	2,547	145,10	542,02	5,70	1,7	2,0	114,48	427,54
1218	2,538	146,18	535,55	5,76	1,7	2,0	114,58	420,97
1219	2,538	147,43	516,70	5,81	1,7	2,0	114,68	402,02
1220	2,490	149,80	502,96	6,02	1,8	2,0	114,78	388,18
1221	2,416	154,50	489,32	6,39	1,7	2,0	114,88	374,44
1222	2,416	154,50	489,32	6,39	1,7	2,0	114,97	374,35
1223	2,381	156,92	479,71	6,59	1,7	2,0	115,07	364,64
1224	2,411	156,29	473,87	6,48	1,8	2,1	115,17	358,70
1225	2,438	155,58	466,24	6,38	1,6	2,0	115,27	350,97
1226	2,433	161,41	447,57	6,63	1,7	2,0	115,37	332,20
1227	2,433	161,41	447,57	6,63	1,7	2,0	115,46	332,11
1228	2,446	162,57	442,63	6,65	1,7	2,0	115,56	327,07
1229	2,460	161,99	423,59	6,58	1,7	2,0	115,66	307,93
1230	2,398	164,61	382,83	6,86	1,6	2,0	115,76	267,07
1231	2,341	165,61	369,99	7,07	1,7	2,0	115,86	254,13
1232	2,280	167,53	353,92	7,35	1,6	2,0	115,95	237,97
1233	2,280	167,53	353,92	7,35	1,6	2,0	116,05	237,87
1234	2,263	166,90	350,96	7,38	1,7	2,0	116,15	234,81
1235	2,232	164,49	361,29	7,37	1,8	2,0	116,25	245,04

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1236	2,254	161,28	381,85	7,16	1,6	2,0	116,35	265,50
1237	2,280	157,04	398,19	6,89	1,8	2,0	116,44	281,75
1238	2,280	157,04	398,19	6,89	1,8	2,0	116,54	281,65
1239	2,271	156,75	397,74	6,90	1,6	2,0	116,64	281,10
1240	2,293	154,25	392,80	6,73	1,6	2,0	116,74	276,06
1241	2,298	150,22	413,18	6,54	1,6	2,0	116,84	296,34
1242	2,302	148,51	426,38	6,45	1,7	2,0	116,94	309,44
1243	2,333	143,10	426,38	6,13	1,6	2,0	117,03	309,35
1244	2,333	143,10	426,38	6,13	1,6	2,0	117,13	309,25
1245	2,306	141,10	412,01	6,12	1,6	2,0	117,23	294,78
1246	2,197	138,65	380,77	6,31	1,7	2,0	117,33	263,44
1247	2,166	136,19	373,05	6,29	1,7	2,0	117,43	255,62
1248	2,193	132,24	386,07	6,03	1,6	2,0	117,52	268,55
1249	2,193	132,24	386,07	6,03	1,6	2,0	117,62	268,45
1250	2,214	132,24	399,17	5,97	1,6	2,0	117,72	281,45
1251	2,249	136,65	414,44	6,08	1,7	2,0	117,82	296,62
1252	2,254	139,02	413,45	6,17	1,7	2,0	117,92	295,53
1253	2,193	145,06	433,20	6,61	1,7	2,0	118,01	315,19
1254	2,193	145,06	433,20	6,61	1,7	2,0	118,11	315,09
1255	2,267	141,19	455,47	6,23	1,7	2,0	118,21	337,26
1256	2,306	140,35	473,42	6,09	1,7	2,1	118,31	355,11
1257	2,438	134,49	512,84	5,52	1,7	2,0	118,41	394,43
1258	2,508	132,03	523,79	5,26	1,7	2,0	118,50	405,29
1259	2,556	129,83	517,15	5,08	1,7	2,0	118,60	398,55
1260	2,556	129,83	517,15	5,08	1,7	2,0	118,70	398,45
1261	2,508	130,70	506,82	5,21	1,6	2,0	118,80	388,02
1262	2,547	130,74	527,56	5,13	1,7	2,0	118,90	408,66
1263	2,586	130,66	536,00	5,05	1,7	2,0	119,00	417,00
1264	2,643	130,24	589,78	4,93	1,7	2,0	119,09	470,69
1265	2,643	130,24	589,78	4,93	1,7	2,0	119,19	470,59
1266	2,713	129,79	611,06	4,78	1,7	2,0	119,29	491,77
1267	2,810	131,16	618,60	4,67	1,7	2,0	119,39	499,21
1268	2,788	136,90	616,54	4,91	1,7	2,0	119,49	497,05
1269	2,757	139,98	590,41	5,08	1,7	2,0	119,58	470,83
1270	2,757	139,98	590,41	5,08	1,7	2,0	119,68	470,73
1271	2,766	143,73	568,77	5,20	1,7	2,0	119,78	448,99
1272	2,744	148,72	493,80	5,42	1,7	2,0	119,88	373,92
1273	2,691	153,59	469,20	5,71	1,7	2,0	119,98	349,22
1274	2,613	163,74	433,29	6,27	1,7	2,0	120,07	313,22
1275	2,613	163,74	433,29	6,27	1,7	2,0	120,17	313,12
1276	2,573	168,57	419,11	6,55	1,7	2,0	120,27	298,84
1277	2,481	174,89	423,86	7,05	1,7	2,0	120,37	303,49
1278	2,473	175,93	436,43	7,11	1,7	2,0	120,47	315,96
1279	2,556	175,14	460,32	6,85	1,7	2,0	120,56	339,76
1280	2,556	175,14	460,32	6,85	1,7	2,0	120,66	339,66
1281	2,569	174,35	451,52	6,79	1,7	2,1	120,76	330,76
1282	2,578	173,64	448,37	6,74	1,7	2,0	120,86	327,51
1283	2,538	169,02	449,09	6,66	1,7	2,0	120,96	328,13
1284	2,534	166,65	449,63	6,58	1,7	2,0	121,06	328,57
1285	2,595	159,45	435,09	6,14	1,7	2,0	121,15	313,94
1286	2,595	159,45	435,09	6,14	1,7	2,0	121,25	313,84
1287	2,600	159,12	420,09	6,12	1,7	2,0	121,35	298,74
1288	2,604	156,71	415,87	6,02	1,7	2,0	121,45	294,42
1289	2,586	156,92	414,80	6,07	1,7	2,0	121,55	293,25
1290	2,521	155,71	391,18	6,18	1,7	2,0	121,64	269,54
1291	2,521	155,71	391,18	6,18	1,7	2,0	121,74	269,44
1292	2,446	157,87	368,11	6,45	1,7	2,0	121,84	246,27
1293	2,249	162,82	314,15	7,24	1,7	2,0	121,94	192,21
1294	2,193	162,12	297,18	7,39	1,7	2,0	122,04	175,14
1295	2,101	159,41	276,26	7,59	1,7	2,1	122,13	154,13
1296	2,101	159,41	276,26	7,59	1,7	2,1	122,23	154,03
1297	2,057	158,83	275,81	7,72	1,7	2,0	122,33	153,48
1298	2,022	155,38	264,05	7,68	1,7	2,0	122,43	141,62
1299	1,956	152,21	426,92	7,78	1,7	2,0	122,53	304,39
1300	1,956	152,21	426,92	7,78	1,7	2,0	122,63	304,29

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1301	1,956	152,34	423,59	7,79	1,7	2,0	122,72	300,87
1302	1,987	150,59	420,36	7,58	1,7	2,0	122,82	297,54
1303	2,004	148,72	422,52	7,42	1,8	2,0	122,92	299,60
1304	2,022	144,93	426,65	7,17	1,8	2,0	123,02	303,63
1305	2,022	142,81	432,39	7,06	1,7	2,0	123,12	309,27
1306	2,004	138,11	428,08	6,89	1,7	2,0	123,21	304,87
1307	2,004	138,11	428,08	6,89	1,7	2,0	123,31	304,77
1308	2,000	136,53	427,99	6,83	1,8	2,0	123,41	304,58
1309	2,022	129,58	407,43	6,41	1,8	2,0	123,51	283,92
1310	2,022	126,12	396,75	6,24	1,7	2,0	123,61	273,14
1311	2,026	122,67	382,38	6,05	1,8	2,0	123,70	258,68
1312	2,026	122,67	382,38	6,05	1,8	2,0	123,80	258,58
1313	2,022	122,63	377,99	6,06	1,8	1,9	123,90	254,09
1314	1,991	126,08	362,00	6,33	1,8	2,0	124,00	238,00
1315	1,965	128,45	345,48	6,54	1,8	2,0	124,10	221,38
1316	1,891	132,61	330,85	7,01	1,8	2,0	124,19	206,66
1317	1,891	132,61	330,85	7,01	1,8	2,0	124,29	206,56
1318	1,803	135,53	325,46	7,52	1,8	2,0	124,39	201,07
1319	1,628	138,23	304,09	8,49	1,8	2,0	124,49	179,60
1320	1,558	138,19	277,88	8,87	1,8	2,0	124,59	153,29
1321	1,435	133,61	238,91	9,31	2,0	2,0	124,69	114,22
1322	1,435	133,61	238,91	9,31	2,0	2,0	124,78	114,13
1323	1,335	128,00	208,39	9,59	1,8	2,0	124,88	83,51
1324	1,300	124,17	195,46	9,55	1,8	2,0	124,98	70,48
1325	1,256	118,22	200,40	9,41	2,0	2,0	125,08	75,32
1326	1,256	118,22	200,40	9,41	2,0	2,0	125,18	75,22
1327	1,260	114,43	204,17	9,08	1,8	2,0	125,27	78,90
1328	1,239	107,98	190,61	8,72	2,0	2,0	125,37	65,24
1329	1,195	105,36	187,83	8,82	2,0	2,0	125,47	62,36
1330	1,168	99,78	187,74	8,54	2,0	2,0	125,57	62,17
1331	1,168	99,78	187,74	8,54	2,0	2,0	125,67	62,07
1332	1,151	99,78	185,49	8,67	2,0	2,0	125,76	59,73
1333	1,098	94,42	157,48	8,60	2,0	2,0	125,86	31,62
1334	1,068	90,88	149,31	8,51	2,0	2,0	125,96	23,35
1335	1,015	86,63	156,31	8,53	1,9	2,0	126,06	30,25
1336	1,015	86,63	156,31	8,53	1,9	2,0	126,16	30,15
1337	1,002	83,06	159,27	8,29	2,0	2,0	126,25	33,02
1338	0,985	79,94	159,72	8,12	1,9	2,0	126,35	33,37
1339	0,954	72,82	169,42	7,63	2,0	2,0	126,45	42,97
1340	0,937	70,41	265,22	7,51	2,0	2,0	126,55	138,67
1341	0,937	63,79	292,33	6,81	2,0	2,0	126,65	165,68
1342	0,937	63,79	292,33	6,81	2,0	2,0	126,75	165,58
1343	0,932	61,25	287,66	6,57	2,0	2,0	126,84	160,82
1344	0,910	57,42	280,75	6,31	2,0	2,0	126,94	153,81
1345	0,910	54,97	283,89	6,04	2,0	2,0	127,04	156,85
1346	0,897	50,31	311,37	5,61	2,0	2,0	127,14	184,23
1347	0,897	50,31	311,37	5,61	2,0	2,0	127,24	184,13
1348	0,893	48,10	328,34	5,39	2,0	2,0	127,33	201,01
1349	0,893	42,98	380,86	4,81	2,0	2,0	127,43	253,43
1350	0,897	40,11	384,90	4,47	1,8	2,0	127,53	257,37
1351	0,902	35,20	394,51	3,90	2,0	2,0	127,63	266,88
1352	0,902	35,20	394,51	3,90	2,0	2,0	127,73	266,78
1353	0,897	33,41	399,35	3,72	1,9	2,0	127,82	271,53
1354	0,902	29,50	414,26	3,27	2,0	2,0	127,92	286,34
1355	0,906	28,21	423,15	3,11	1,9	2,0	128,02	295,13
1356	0,919	25,76	435,45	2,80	1,9	2,0	128,12	307,33
1357	0,919	25,76	435,45	2,80	1,9	2,0	128,22	307,23
1358	0,928	24,18	440,92	2,61	1,9	2,0	128,31	312,61
1359	0,932	21,72	442,45	2,33	2,0	2,0	128,41	314,04
1360	0,937	20,93	442,54	2,23	1,9	2,0	128,51	314,03
1361	0,937	20,68	451,70	2,21	1,9	2,0	128,61	323,09
1362	0,937	20,68	451,70	2,21	1,9	2,0	128,71	322,99
1363	0,932	20,06	454,75	2,15	1,9	2,0	128,81	325,94
1364	0,945	18,64	468,04	1,97	1,8	2,0	128,90	339,14
1365	0,954	18,14	468,04	1,90	1,9	2,0	129,00	339,04



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1366	0,954	16,69	474,41	1,75	1,8	2,0	129,10	345,31
1367	0,954	16,69	474,41	1,75	1,8	2,0	129,20	345,21
1368	0,967	16,31	492,82	1,69	1,9	2,0	129,30	363,52
1369	0,980	16,31	511,58	1,66	1,8	2,0	129,39	382,19
1370	0,980	15,81	520,38	1,61	1,8	2,0	129,49	390,89
1371	1,024	15,52	550,64	1,52	1,8	2,0	129,59	421,05
1372	1,024	15,52	550,64	1,52	1,8	2,0	129,69	420,95
1373	1,055	15,44	569,40	1,46	1,8	2,0	129,79	439,61
1374	1,081	15,65	596,16	1,45	1,8	2,1	129,88	466,28
1375	1,129	15,94	593,73	1,41	1,8	2,0	129,98	463,75
1376	1,142	16,19	584,31	1,42	1,8	2,0	130,08	454,23
1377	1,164	17,81	591,67	1,53	1,8	2,0	130,18	461,49
1378	1,164	17,81	591,67	1,53	1,8	2,0	130,28	461,39
1379	1,177	18,85	614,29	1,60	1,8	2,0	130,37	483,92
1380	1,195	19,97	669,42	1,67	1,8	2,0	130,47	538,95
1381	1,230	19,93	690,07	1,62	1,8	2,0	130,57	559,50
1382	1,300	21,39	704,88	1,65	1,8	2,0	130,67	574,21
1383	1,300	21,39	704,88	1,65	1,8	2,0	130,77	574,11
1384	1,326	22,01	692,58	1,66	1,8	2,0	130,87	561,71
1385	1,339	25,01	647,51	1,87	1,8	2,0	130,96	516,55
1386	1,309	27,05	621,75	2,07	1,8	2,0	131,06	490,69
1387	1,247	29,00	584,58	2,33	1,8	2,0	131,16	453,42
1388	1,247	29,00	584,58	2,33	1,8	2,0	131,26	453,32
1389	1,234	30,54	579,01	2,47	1,9	2,0	131,36	447,65
1390	1,164	31,71	570,57	2,72	1,8	2,0	131,45	439,12
1391	1,160	31,29	567,88	2,70	1,8	2,0	131,55	436,33
1392	1,129	30,83	566,53	2,73	1,8	2,0	131,65	434,88
1393	1,129	30,83	566,53	2,73	1,8	2,0	131,75	434,78
1394	1,112	29,88	556,65	2,69	1,8	2,0	131,85	424,80
1395	1,103	29,13	554,68	2,64	1,7	2,1	131,94	422,74
1396	1,077	26,17	557,73	2,43	1,8	2,0	132,04	425,69
1397	1,090	25,59	549,83	2,35	1,7	2,0	132,14	417,69
1398	1,094	23,39	560,96	2,14	1,7	2,0	132,24	428,72
1399	1,094	23,39	560,96	2,14	1,7	2,0	132,34	428,62
1400	1,120	22,39	558,36	2,00	1,8	2,0	132,44	425,92
1401	1,435	15,69	538,97	1,09	1,7	1,7	132,53	406,44
1402	1,435	15,69	538,97	1,09	1,7	1,7	132,63	406,34
1403	1,440	16,81	478,99	1,17	1,8	2,0	132,73	346,26
1404	1,414	18,35	486,26	1,30	1,7	1,9	132,83	353,43
1405	1,414	20,51	527,20	1,45	1,7	2,0	132,93	394,27
1406	1,593	21,06	688,36	1,32	1,7	2,0	133,02	555,34
1407	1,777	21,55	780,30	1,21	1,7	2,0	133,12	647,18
1408	2,171	25,63	663,67	1,18	1,8	2,0	133,22	530,45
1409	2,171	25,63	663,67	1,18	1,8	2,0	133,32	530,35
1410	2,324	26,34	449,18	1,13	1,7	1,9	133,42	315,76
1411	2,595	31,50	118,96	1,21	1,7	1,9	133,51	-14,55
1412	2,639	36,62	103,25	1,39	1,7	1,9	133,61	-30,36
1413	2,591	45,48	69,31	1,76	1,7	2,0	133,71	-64,40
1414	2,591	45,48	69,31	1,76	1,7	2,0	133,81	-64,50
1415	2,398	46,94	52,43	1,96	1,7	2,0	133,91	-81,48
1416	2,311	47,40	57,28	2,05	1,8	2,0	134,00	-76,72
1417	2,144	48,73	101,99	2,27	1,8	2,0	134,10	-32,11
1418	2,144	48,73	101,99	2,27	1,8	2,0	134,20	-32,21
1419	2,114	45,48	132,88	2,15	1,8	2,0	134,30	-1,42
1420	2,123	40,99	197,07	1,93	1,8	2,0	134,40	62,67
1421	2,123	40,45	203,81	1,91	1,7	2,0	134,50	69,31
1422	2,057	41,99	192,58	2,04	1,9	2,0	134,59	57,99
1423	2,057	41,99	192,58	2,04	1,9	2,0	134,69	57,89
1424	1,982	43,28	190,43	2,18	1,7	2,0	134,79	55,64
1425	1,921	44,61	182,98	2,32	1,7	2,0	134,89	48,09
1426	1,821	44,48	126,86	2,44	1,7	2,0	134,99	-8,13
1427	1,716	44,57	108,28	2,60	1,7	2,0	135,08	-26,80
1428	1,532	42,28	104,42	2,76	1,9	2,0	135,18	-30,76
1429	1,532	42,28	104,42	2,76	1,9	2,0	135,28	-30,86
1430	1,440	41,57	126,32	2,89	1,9	2,0	135,38	-9,06

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1431	1,287	37,95	230,02	2,95	1,8	2,0	135,48	94,54
1432	1,265	35,24	268,90	2,79	1,8	2,0	135,57	133,33
1433	1,287	32,00	313,25	2,49	1,7	2,0	135,67	177,58
1434	1,287	32,00	313,25	2,49	1,7	2,0	135,77	177,48
1435	1,304	32,08	328,96	2,46	1,9	2,0	135,87	193,09
1436	1,287	31,42	360,39	2,44	1,8	2,0	135,97	224,42
1437	1,274	29,54	370,17	2,32	1,8	2,0	136,06	234,11
1438	1,265	25,63	395,76	2,03	1,9	2,0	136,16	259,60
1439	1,265	25,63	395,76	2,03	1,9	2,0	136,26	259,50
1440	1,278	24,84	406,45	1,94	1,9	2,0	136,36	270,09
1441	1,278	24,97	403,93	1,95	1,9	2,0	136,46	267,47
1442	1,269	25,42	410,40	2,00	1,9	2,0	136,56	273,84
1443	1,252	23,22	418,12	1,85	1,8	2,0	136,65	281,47
1444	1,252	23,22	418,12	1,85	1,8	2,0	136,75	281,37
1445	1,256	21,60	420,72	1,72	1,9	2,0	136,85	283,87
1446	1,252	21,30	429,61	1,70	1,9	2,0	136,95	292,66
1447	1,243	21,89	438,32	1,76	1,8	2,0	137,05	301,27
1448	1,274	23,34	411,03	1,83	1,8	2,0	137,14	273,89
1449	1,274	23,34	411,03	1,83	1,8	2,0	137,24	273,79
1450	1,370	23,97	451,07	1,75	1,8	2,0	137,34	313,73
1451	1,322	24,63	474,86	1,86	1,9	2,0	137,44	337,42
1452	1,313	24,63	509,79	1,88	1,9	2,0	137,54	372,25
1453	1,326	25,47	555,13	1,92	1,9	2,0	137,63	417,50
1454	1,326	25,47	555,13	1,92	1,9	2,0	137,73	417,40
1455	1,357	24,76	567,34	1,82	1,9	2,0	137,83	429,51
1456	1,379	23,18	513,83	1,68	1,9	2,1	137,93	375,90
1457	1,177	22,68	387,59	1,93	1,9	2,0	138,03	249,56
1458	1,138	22,47	369,90	1,97	1,9	2,0	138,12	231,78
1459	1,081	22,64	383,10	2,09	1,9	2,0	138,22	244,88
1460	1,081	22,64	383,10	2,09	1,9	2,0	138,32	244,78
1461	1,068	22,14	386,69	2,07	1,9	2,0	138,42	248,27
1462	1,059	22,64	389,30	2,14	1,9	2,0	138,52	250,78
1463	1,059	24,51	412,28	2,31	1,9	2,0	138,62	273,66
1464	1,059	24,51	412,28	2,31	1,9	2,0	138,71	273,57
1465	1,055	25,67	428,71	2,43	1,9	2,0	138,81	289,90
1466	1,055	25,84	454,93	2,45	1,9	2,0	138,91	316,02
1467	1,068	24,43	469,83	2,29	1,9	2,0	139,01	330,82
1468	1,081	23,39	496,95	2,16	1,9	2,0	139,11	357,84
1469	1,081	23,39	496,95	2,16	1,9	2,0	139,20	357,75
1470	1,081	23,55	507,36	2,18	1,9	2,0	139,30	368,06
1471	1,094	22,26	522,36	2,03	1,9	2,0	139,40	382,96
1472	1,103	21,68	541,03	1,97	1,9	2,0	139,50	401,53
1473	1,160	18,77	572,45	1,62	1,9	1,9	139,60	432,85
1474	1,160	18,77	572,45	1,62	1,9	1,9	139,69	432,76
1475	1,182	17,73	578,20	1,50	1,9	2,1	139,79	438,41
1476	1,182	16,81	575,78	1,42	1,9	2,0	139,89	435,89
1477	1,133	14,52	568,59	1,28	1,9	2,0	139,99	428,60
1478	1,125	13,86	575,24	1,23	1,9	2,1	140,09	435,15
1479	1,107	13,40	582,51	1,21	2,0	2,0	140,18	442,33
1480	1,107	13,40	582,51	1,21	2,0	2,0	140,28	442,23
1481	1,090	13,11	584,93	1,20	1,9	2,0	140,38	444,55
1482	1,107	12,69	602,71	1,15	1,9	2,0	140,48	462,23
1483	1,125	12,48	617,44	1,11	2,0	1,9	140,58	476,86
1484	1,173	12,77	627,67	1,09	1,9	2,0	140,68	486,99
1485	1,173	12,77	627,67	1,09	1,9	2,0	140,77	486,90
1486	1,208	12,82	640,24	1,06	1,9	2,0	140,87	499,37
1487	1,265	13,07	686,39	1,03	1,9	2,0	140,97	545,42
1488	1,300	12,52	708,83	0,96	1,9	2,0	141,07	567,76
1489	1,344	12,82	678,58	0,95	1,9	2,0	141,17	537,41
1490	1,344	12,82	678,58	0,95	1,9	2,0	141,26	537,32
1491	1,313	13,11	650,48	1,00	1,9	2,0	141,36	509,12
1492	1,256	14,19	589,96	1,13	1,9	2,0	141,46	448,50
1493	1,239	14,77	564,82	1,19	1,9	2,0	141,56	423,26
1494	1,195	16,39	560,51	1,37	1,9	2,0	141,66	418,85
1495	1,195	16,39	560,51	1,37	1,9	2,0	141,75	418,76

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1496	1,199	17,39	580,09	1,45	2,0	2,0	141,85	438,24
1497	1,217	20,35	616,81	1,67	1,9	2,0	141,95	474,86
1498	1,225	21,43	608,37	1,75	1,9	2,0	142,05	466,32
1499	1,672	49,52	405,46	2,96	1,9	1,8	142,15	263,31
1500	1,672	49,52	405,46	2,96	1,9	1,8	142,25	263,21
1501	1,615	47,40	362,18	2,93	1,9	2,0	142,34	219,84
1502	1,514	46,23	325,55	3,05	1,9	2,0	142,44	183,11
1503	1,295	40,20	288,65	3,10	1,9	2,0	142,54	146,11
1504	1,225	37,78	283,35	3,08	1,9	2,0	142,64	140,71
1505	1,055	34,91	332,91	3,31	1,9	2,0	142,74	190,17
1506	1,055	34,91	332,91	3,31	1,9	2,0	142,83	190,08
1507	1,037	32,21	357,25	3,11	1,9	2,0	142,93	214,32
1508	1,020	28,34	411,65	2,78	2,0	2,0	143,03	268,62
1509	1,015	26,63	431,50	2,62	1,9	2,0	143,13	288,37
1510	1,033	24,97	478,72	2,42	1,9	1,9	143,23	335,49
1511	1,033	24,97	478,72	2,42	1,9	1,9	143,32	335,40
1512	1,055	23,97	511,85	2,27	1,9	2,0	143,42	368,43
1513	1,112	22,35	580,98	2,01	1,9	2,0	143,52	437,46
1514	1,138	21,22	599,75	1,86	2,1	2,0	143,62	456,13
1515	1,173	18,35	603,16	1,56	2,1	2,0	143,72	459,44
1516	1,173	18,35	603,16	1,56	2,1	2,0	143,81	459,35
1517	1,168	16,64	611,06	1,42	1,9	2,0	143,91	467,15
1518	1,177	15,60	626,05	1,33	2,0	1,9	144,01	482,04
1519	1,208	13,07	644,73	1,08	1,9	2,0	144,11	500,62
1520	1,208	13,07	644,73	1,08	1,9	2,0	144,21	500,52
1521	1,225	13,11	664,84	1,07	2,0	2,0	144,31	520,53
1522	1,287	12,65	676,87	0,98	1,9	2,0	144,40	532,47
1523	1,313	12,98	671,22	0,99	1,9	2,0	144,50	526,72
1524	1,300	15,06	653,35	1,16	1,9	2,0	144,60	508,75
1525	1,300	15,06	653,35	1,16	1,9	2,0	144,70	508,65
1526	1,278	15,85	645,63	1,24	1,9	2,0	144,80	500,83
1527	1,282	16,27	634,76	1,27	2,0	2,0	144,89	489,87
1528	1,269	17,60	627,31	1,39	2,1	2,0	144,99	482,32
1529	1,230	19,77	621,48	1,61	2,0	2,0	145,09	476,39
1530	1,230	19,77	621,48	1,61	2,0	2,0	145,19	476,29
1531	1,217	19,68	621,75	1,62	2,0	2,0	145,29	476,46
1532	1,212	19,27	624,62	1,59	2,0	2,0	145,38	479,24
1533	1,230	19,60	664,12	1,59	2,0	2,0	145,48	518,64
1534	1,247	19,68	676,60	1,58	2,0	2,0	145,58	531,02
1535	1,247	19,81	663,31	1,59	1,9	2,0	145,68	517,63
1536	1,247	19,81	663,31	1,59	1,9	2,0	145,78	517,53
1537	1,239	19,72	670,50	1,59	2,0	2,0	145,87	524,63
1538	1,243	19,39	666,01	1,56	2,1	2,0	145,97	520,04
1539	1,217	20,14	631,80	1,65	2,0	2,0	146,07	485,73
1540	1,217	20,14	631,80	1,65	2,0	2,0	146,17	485,63
1541	1,186	21,39	622,01	1,80	2,0	2,0	146,27	475,74
1542	1,195	19,64	630,10	1,64	2,0	2,0	146,37	483,73
1543	1,212	19,47	635,12	1,61	1,9	2,0	146,46	488,66
1544	1,217	21,14	659,18	1,74	2,0	2,0	146,56	512,62
1545	1,217	21,14	659,18	1,74	2,0	2,0	146,66	512,52
1546	1,221	21,14	676,33	1,73	2,1	2,0	146,76	529,57
1547	1,243	20,56	694,20	1,65	2,1	2,0	146,86	547,34
1548	1,265	20,68	686,03	1,63	2,1	2,0	146,95	539,08
1549	1,256	22,14	678,67	1,76	1,9	2,0	147,05	531,62
1550	1,256	22,14	678,67	1,76	1,9	2,0	147,15	531,52
1551	1,278	22,47	674,09	1,76	2,1	2,0	147,25	526,84
1552	1,287	23,51	673,19	1,83	2,0	2,0	147,35	525,84
1553	1,300	24,05	705,69	1,85	2,1	2,0	147,44	558,25
1554	1,339	23,55	730,83	1,76	2,0	2,0	147,54	583,29
1555	1,405	24,01	770,87	1,71	2,0	2,0	147,64	623,23
1556	1,405	24,01	770,87	1,71	2,0	2,0	147,74	623,13
1557	1,435	24,59	778,15	1,71	2,0	2,0	147,84	630,31
1558	1,444	24,63	774,20	1,71	2,1	2,0	147,93	626,27
1559	1,449	24,26	765,58	1,67	2,0	2,0	148,03	617,55
1560	1,475	25,51	710,36	1,73	2,1	2,0	148,13	562,23

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1561	1,475	25,51	710,36	1,73	2,1	2,0	148,23	562,13
1562	1,457	29,21	637,19	2,00	2,1	2,0	148,33	488,86
1563	1,427	31,08	612,86	2,18	2,0	2,0	148,43	464,43
1564	1,383	34,83	593,19	2,52	2,1	2,0	148,52	444,67
1565	1,383	34,83	593,19	2,52	2,1	2,0	148,62	444,57
1566	1,383	35,54	583,77	2,57	2,1	2,0	148,72	435,05
1567	1,357	40,32	571,65	2,97	2,0	2,0	148,82	422,83
1568	1,335	42,61	568,06	3,19	2,0	2,0	148,92	419,14
1569	1,295	46,19	557,64	3,57	2,1	2,0	149,01	408,63
1570	1,295	46,19	557,64	3,57	2,1	2,0	149,11	408,53
1571	1,274	47,23	558,54	3,71	2,0	2,0	149,21	409,33
1572	1,247	49,18	559,62	3,94	2,0	2,1	149,31	410,31
1573	1,243	49,48	559,62	3,98	2,1	2,0	149,41	410,21
1574	1,239	49,52	566,35	4,00	2,0	2,1	149,50	416,85
1575	1,239	49,52	566,35	4,00	2,0	2,1	149,60	416,75
1576	1,243	48,85	565,99	3,93	2,0	2,0	149,70	416,29
1577	1,234	48,14	551,80	3,90	2,1	2,0	149,80	402,00
1578	1,230	47,98	552,16	3,90	2,0	2,0	149,90	402,26
1579	1,225	47,60	556,02	3,89	2,0	2,0	149,99	406,03
1580	1,225	47,60	556,02	3,89	2,0	2,0	150,09	405,93
1581	1,230	46,56	578,47	3,79	2,0	2,0	150,19	428,28
1582	1,225	44,82	594,00	3,66	2,1	2,0	150,29	443,71
1583	1,230	44,32	600,20	3,60	2,1	2,0	150,39	449,81
1584	1,247	44,02	602,62	3,53	2,0	2,0	150,49	452,13
1585	1,247	44,02	602,62	3,53	2,0	2,0	150,58	452,04
1586	1,256	44,36	595,44	3,53	2,1	2,0	150,68	444,76
1587	1,269	45,15	596,07	3,56	2,0	2,0	150,78	445,29
1588	1,287	45,27	600,74	3,52	2,1	2,0	150,88	449,86
1589	1,317	45,90	633,24	3,49	2,1	2,0	150,98	482,26
1590	1,317	45,90	633,24	3,49	2,1	2,0	151,07	482,17
1591	1,357	44,44	644,64	3,27	2,1	2,0	151,17	493,47
1592	1,422	43,28	645,45	3,04	2,0	2,0	151,27	494,18
1593	1,435	43,98	642,22	3,06	2,1	2,0	151,37	490,85
1594	1,466	46,15	607,47	3,15	2,0	2,0	151,47	456,00
1595	1,466	46,15	607,47	3,15	2,0	2,0	151,56	455,91
1596	1,453	48,02	607,83	3,30	2,0	2,0	151,66	456,17
1597	1,457	49,77	597,68	3,42	2,0	2,0	151,76	445,92
1598	1,453	50,77	594,99	3,49	2,0	2,0	151,86	443,13
1599	1,466	49,98	673,64	3,41	2,0	2,0	151,96	521,68
1600	1,466	49,98	673,64	3,41	2,0	2,0	152,06	521,58
1601	1,475	51,35	652,45	3,48	2,1	1,9	152,15	500,30
1602	1,457	53,47	618,33	3,67	2,1	2,0	152,25	466,08
1603	1,457	54,39	599,66	3,73	2,1	1,9	152,35	447,31
1604	1,444	57,88	580,00	4,01	2,0	2,0	152,45	427,55
1605	1,444	57,88	580,00	4,01	2,0	2,0	152,55	427,45
1606	1,440	59,21	556,92	4,11	2,0	2,0	152,64	404,28
1607	1,427	59,42	548,66	4,16	2,0	2,0	152,74	395,92
1608	1,374	59,59	550,28	4,34	2,1	2,0	152,84	397,44
1609	1,374	59,59	550,28	4,34	2,1	2,0	152,94	397,34
1610	1,374	58,30	542,29	4,24	2,0	1,9	153,04	389,25
1611	1,396	57,09	517,51	4,09	2,0	2,0	153,13	364,38
1612	1,409	57,30	516,07	4,07	2,1	1,9	153,23	362,84
1613	1,409	58,59	519,48	4,16	2,1	2,0	153,33	366,15
1614	1,409	58,59	519,48	4,16	2,1	2,0	153,43	366,05
1615	1,396	58,84	514,54	4,21	2,1	1,9	153,53	361,01
1616	1,361	58,51	517,51	4,30	2,1	2,0	153,62	363,89
1617	1,352	58,63	516,07	4,34	2,1	2,0	153,72	362,35
1618	1,322	56,97	493,36	4,31	2,1	2,0	153,82	339,54
1619	1,322	56,97	493,36	4,31	2,1	2,0	153,92	339,44
1620	1,282	56,47	468,85	4,40	2,0	2,0	154,02	314,83
1621	1,269	55,72	470,19	4,39	2,1	2,0	154,12	316,07
1622	1,221	54,68	461,03	4,48	2,1	2,0	154,21	306,82
1623	1,221	54,68	461,03	4,48	2,1	2,0	154,31	306,72
1624	1,208	54,22	470,64	4,49	2,1	2,0	154,41	316,23
1625	1,221	52,97	491,65	4,34	2,1	2,0	154,51	337,14

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1626	1,221	52,31	499,82	4,28	2,1	2,0	154,61	345,21
1627	1,247	50,47	516,88	4,05	2,1	2,0	154,70	362,18
1628	1,247	50,47	516,88	4,05	2,1	2,0	154,80	362,08
1629	1,265	49,31	524,33	3,90	2,1	2,0	154,90	369,43
1630	1,278	47,52	548,93	3,72	2,1	2,0	155,00	393,93
1631	1,300	46,19	558,36	3,55	2,1	2,0	155,10	403,26
1632	1,330	44,44	585,38	3,34	2,1	2,0	155,19	430,19
1633	1,330	44,44	585,38	3,34	2,1	2,0	155,29	430,09
1634	1,339	43,65	599,48	3,26	2,1	2,0	155,39	444,09
1635	1,365	42,11	611,06	3,08	2,1	2,0	155,49	455,57
1636	1,370	41,53	601,99	3,03	2,1	2,0	155,59	446,40
1637	1,361	42,57	583,86	3,13	2,1	2,0	155,68	428,18
1638	1,361	42,57	583,86	3,13	2,1	2,0	155,78	428,08
1639	1,344	43,73	569,67	3,25	2,1	2,0	155,88	413,79
1640	1,330	44,44	564,64	3,34	2,1	2,0	155,98	408,66
1641	1,335	44,32	564,55	3,32	2,1	2,0	156,08	408,47
1642	1,322	45,65	569,94	3,45	2,1	2,0	156,18	413,76
1643	1,322	45,65	569,94	3,45	2,1	2,0	156,27	413,67
1644	1,304	47,44	573,62	3,64	2,1	1,9	156,37	417,25
1645	1,304	48,27	586,01	3,70	2,1	2,0	156,47	429,54
1646	1,326	48,81	585,83	3,68	2,1	2,0	156,57	429,26
1647	1,326	48,81	585,83	3,68	2,1	2,0	156,67	429,16
1648	1,317	49,52	593,73	3,76	2,1	2,0	156,76	436,97
1649	1,317	50,10	597,95	3,80	2,1	2,0	156,86	441,09
1650	1,313	50,39	594,63	3,84	2,1	2,0	156,96	437,67
1651	1,309	50,39	584,22	3,85	2,1	2,0	157,06	427,16
1652	1,300	49,93	560,60	3,84	2,1	2,0	157,16	403,44
1653	1,300	49,93	560,60	3,84	2,1	2,0	157,25	403,35
1654	1,287	49,52	562,76	3,85	2,1	2,0	157,35	405,41
1655	1,287	49,14	558,18	3,82	2,1	2,0	157,45	400,73
1656	1,282	48,39	555,76	3,77	2,1	2,0	157,55	398,21
1657	1,282	48,39	555,76	3,77	2,1	2,0	157,65	398,11
1658	1,278	48,10	556,56	3,76	2,1	2,0	157,74	398,82
1659	1,256	48,60	550,82	3,87	2,1	2,0	157,84	392,98
1660	1,243	48,73	545,97	3,92	2,1	1,9	157,94	388,03
1661	1,208	48,23	540,85	3,99	2,1	2,0	158,04	382,81
1662	1,208	48,23	540,85	3,99	2,1	2,0	158,14	382,71
1663	1,195	47,89	551,71	4,01	2,1	2,0	158,24	393,47
1664	1,204	46,52	573,53	3,86	2,1	2,0	158,33	415,20
1665	1,204	46,31	568,15	3,85	2,1	2,0	158,43	409,72
1666	1,221	45,86	564,10	3,76	2,1	2,0	158,53	405,57
1667	1,221	45,86	564,10	3,76	2,1	2,0	158,63	405,47
1668	1,225	45,65	561,05	3,73	2,1	2,0	158,73	402,32
1669	1,217	45,98	536,90	3,78	2,1	1,9	158,82	378,08
1670	1,212	45,69	536,81	3,77	2,1	2,0	158,92	377,89
1671	1,221	45,19	558,81	3,70	2,1	2,0	159,02	399,79
1672	1,221	45,19	558,81	3,70	2,1	2,0	159,12	399,69
1673	1,230	44,27	577,03	3,60	2,1	2,0	159,22	417,81
1674	1,243	43,94	601,01	3,53	2,1	1,9	159,31	441,70
1675	1,287	43,07	624,53	3,35	2,1	2,0	159,41	465,12
1676	1,287	43,07	624,53	3,35	2,1	2,0	159,51	465,02
1677	1,304	42,78	634,58	3,28	2,1	2,0	159,61	474,97
1678	1,326	42,61	650,39	3,21	2,1	2,0	159,71	490,68
1679	1,357	42,15	652,90	3,11	2,1	2,0	159,80	493,10
1680	1,352	42,49	647,87	3,14	2,1	2,0	159,90	487,97
1681	1,344	42,78	612,05	3,18	2,1	2,0	160,00	452,05
1682	1,344	42,78	612,05	3,18	2,1	2,0	160,10	451,95
1683	1,322	42,53	583,32	3,22	2,1	1,9	160,20	423,12
1684	1,300	42,53	577,03	3,27	2,1	1,9	160,30	416,73
1685	1,274	42,61	561,50	3,34	2,1	2,0	160,39	401,11
1686	1,274	42,61	561,50	3,34	2,1	2,0	160,49	401,01
1687	1,260	42,73	562,13	3,39	2,3	2,0	160,59	401,54
1688	1,234	43,48	562,22	3,52	2,1	2,0	160,69	401,53
1689	1,230	43,61	559,17	3,55	2,1	2,0	160,79	398,38
1690	1,208	44,32	563,39	3,67	2,3	2,0	160,88	402,51

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1691	1,208	44,32	563,39	3,67	2,3	2,0	160,98	402,41
1692	1,208	44,32	564,10	3,67	2,3	2,0	161,08	403,02
1693	1,195	44,27	556,74	3,70	2,1	2,0	161,18	395,56
1694	1,186	43,94	549,20	3,70	2,1	2,0	161,28	387,92
1695	1,173	43,23	544,26	3,69	2,1	2,0	161,37	382,89
1696	1,173	43,23	544,26	3,69	2,1	2,0	161,47	382,79
1697	1,164	43,07	550,91	3,70	2,1	2,0	161,57	389,34
1698	1,160	41,53	567,79	3,58	2,1	2,0	161,67	406,12
1699	1,142	38,16	684,05	3,34	2,1	2,0	161,77	522,28
1700	1,142	38,16	684,05	3,34	2,1	2,0	161,87	522,18
1701	1,155	38,57	670,23	3,34	2,3	2,1	161,96	508,27
1702	1,164	38,62	666,37	3,32	2,3	1,9	162,06	504,31
1703	1,164	39,07	667,27	3,36	2,3	2,0	162,16	505,11
1704	1,164	39,07	667,27	3,36	2,3	2,0	162,26	505,01
1705	1,160	39,41	677,68	3,40	2,1	2,0	162,36	515,32
1706	1,173	37,87	679,21	3,23	2,3	2,0	162,45	516,76
1707	1,199	36,53	675,62	3,05	2,1	2,0	162,55	513,07
1708	1,199	36,41	658,92	3,04	2,3	2,0	162,65	496,27
1709	1,199	36,41	658,92	3,04	2,3	2,0	162,75	496,17
1710	1,190	36,45	651,10	3,06	2,3	1,9	162,85	488,25
1711	1,186	36,87	644,64	3,11	2,1	2,0	162,94	481,70
1712	1,199	36,45	649,58	3,04	2,3	2,0	163,04	486,54
1713	1,217	35,83	654,34	2,94	2,1	2,0	163,14	491,20
1714	1,217	35,83	654,34	2,94	2,1	2,0	163,24	491,10
1715	1,230	35,24	640,78	2,87	2,3	1,9	163,34	477,44
1716	1,234	35,33	641,32	2,86	2,3	1,9	163,43	477,89
1717	1,269	34,29	642,49	2,70	2,3	2,0	163,53	478,96
1718	1,269	34,29	642,49	2,70	2,3	2,0	163,63	478,86
1719	1,274	34,58	646,44	2,71	2,3	2,0	163,73	482,71
1720	1,278	36,04	654,43	2,82	2,3	2,0	163,83	490,60
1721	1,287	36,45	651,10	2,83	2,3	2,0	163,93	487,17
1722	1,295	37,53	631,26	2,90	2,3	2,0	164,02	467,24
1723	1,295	37,53	631,26	2,90	2,3	2,0	164,12	467,14
1724	1,291	38,12	627,31	2,95	2,3	2,0	164,22	463,09
1725	1,278	38,91	618,87	3,04	2,3	2,0	164,32	454,55
1726	1,274	39,32	616,99	3,09	2,3	2,0	164,42	452,57
1727	1,269	39,82	617,79	3,14	2,3	2,0	164,51	453,28
1728	1,269	39,82	617,79	3,14	2,3	2,0	164,61	453,18
1729	1,247	40,03	609,27	3,21	2,3	2,0	164,71	444,56
1730	1,239	39,95	597,77	3,22	2,3	2,0	164,81	432,96
1731	1,208	40,57	599,66	3,36	2,3	2,0	164,91	434,75
1732	1,208	40,57	599,66	3,36	2,3	2,0	165,00	434,66
1733	1,195	40,15	601,19	3,36	2,3	2,0	165,10	436,09
1734	1,160	39,70	580,27	3,42	2,3	2,0	165,20	415,07
1735	1,142	39,20	567,61	3,43	2,3	2,0	165,30	402,31
1736	1,107	37,24	554,86	3,36	2,3	2,0	165,40	389,46
1737	1,107	37,24	554,86	3,36	2,3	2,0	165,49	389,37
1738	1,094	35,33	554,95	3,23	2,3	2,0	165,59	389,36
1739	1,090	32,50	583,59	2,98	2,3	2,0	165,69	417,90
1740	1,098	31,37	596,97	2,86	2,3	2,0	165,79	431,18
1741	1,098	29,38	592,39	2,68	2,3	2,0	165,89	426,50
1742	1,098	29,38	592,39	2,68	2,3	2,0	165,99	426,40
1743	1,103	28,46	598,49	2,58	2,3	2,0	166,08	432,41
1744	1,112	25,72	600,65	2,31	2,3	1,9	166,18	434,47
1745	1,120	24,80	606,03	2,21	2,3	2,0	166,28	439,75
1746	1,133	23,39	625,61	2,06	2,3	2,0	166,38	459,23
1747	1,133	23,39	625,61	2,06	2,3	2,0	166,48	459,13
1748	1,138	22,35	629,65	1,96	2,3	2,0	166,57	463,08
1749	1,142	20,56	625,88	1,80	2,3	2,0	166,67	459,21
1750	1,147	20,43	610,34	1,78	2,3	2,0	166,77	443,57
1751	1,133	20,01	599,12	1,77	2,3	2,0	166,87	432,25
1752	1,133	20,01	599,12	1,77	2,3	2,0	166,97	432,15
1753	1,142	19,22	624,89	1,68	2,3	2,0	167,06	457,83
1754	1,151	19,31	634,76	1,68	2,3	2,0	167,16	467,60
1755	1,147	19,10	647,42	1,67	2,3	2,0	167,26	480,16

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1756	1,147	19,10	647,42	1,67	2,3	2,0	167,36	480,06
1757	1,138	18,93	657,48	1,66	2,3	2,0	167,46	490,02
1758	1,147	18,68	661,52	1,63	2,3	2,0	167,55	493,97
1759	1,160	18,27	654,43	1,58	2,3	2,0	167,65	486,78
1760	1,151	18,77	653,08	1,63	2,3	2,0	167,75	485,33
1761	1,151	18,77	653,08	1,63	2,3	2,0	167,85	485,23
1762	1,151	18,64	657,66	1,62	2,3	2,0	167,95	489,71
1763	1,160	18,97	668,07	1,64	2,3	2,0	168,05	500,02
1764	1,168	19,06	669,78	1,63	2,3	2,0	168,14	501,64
1765	1,177	19,39	676,51	1,65	2,3	2,0	168,24	508,27
1766	1,177	19,39	676,51	1,65	2,3	2,0	168,34	508,17
1767	1,208	17,85	709,10	1,48	2,3	2,0	168,44	540,66
1768	1,234	17,23	745,83	1,40	2,3	1,9	168,54	577,29
1769	1,269	17,27	739,54	1,36	2,3	2,0	168,63	570,91
1770	1,269	17,27	739,54	1,36	2,3	2,0	168,73	570,81
1771	1,291	17,52	753,10	1,36	2,3	2,0	168,83	584,27
1772	1,313	17,68	756,06	1,35	2,3	2,0	168,93	587,13
1773	1,335	17,89	729,66	1,34	2,3	2,0	169,03	560,63
1774	1,304	17,89	733,17	1,37	2,3	2,0	169,12	564,05
1775	1,304	17,89	733,17	1,37	2,3	2,0	169,22	563,95
1776	1,304	18,02	724,82	1,38	2,3	2,0	169,32	555,50
1777	1,274	17,64	739,54	1,38	2,3	2,0	169,42	570,12
1778	1,291	17,56	747,53	1,36	2,2	2,0	169,52	578,01
1779	1,300	17,60	734,96	1,35	2,3	2,0	169,61	565,35
1780	1,300	17,60	734,96	1,35	2,3	2,0	169,71	565,25
1781	1,326	17,77	750,85	1,34	2,3	2,0	169,81	581,04
1782	1,387	18,35	751,39	1,32	2,2	2,0	169,91	581,48
1783	1,396	19,02	755,70	1,36	2,3	1,9	170,01	585,69
1784	1,392	20,22	751,03	1,45	2,3	1,9	170,11	580,92
1785	1,392	20,22	751,03	1,45	2,3	1,9	170,20	580,83
1786	1,383	20,89	730,29	1,51	2,3	2,0	170,30	559,99
1787	1,326	21,97	703,27	1,66	2,3	1,9	170,40	532,87
1788	1,317	22,51	703,81	1,71	2,3	2,0	170,50	533,31
1789	1,274	22,51	673,46	1,77	2,3	2,0	170,60	502,86
1790	1,274	22,51	673,46	1,77	2,3	2,0	170,69	502,77
1791	1,265	22,84	681,45	1,81	2,1	1,9	170,79	510,66
1792	1,256	22,30	678,31	1,78	2,1	2,0	170,89	507,42
1793	1,239	21,43	670,95	1,73	2,3	2,0	170,99	499,96
1794	1,239	21,43	670,95	1,73	2,3	2,0	171,09	499,86
1795	1,239	21,18	691,69	1,71	2,3	2,0	171,18	520,51
1796	1,265	20,64	707,40	1,63	2,1	2,1	171,28	536,12
1797	1,278	20,43	714,40	1,60	2,3	2,0	171,38	543,02
1798	1,278	20,51	737,65	1,60	2,1	2,0	171,48	566,17
1799	1,611	24,30	649,49	1,51	2,1	1,9	171,58	477,91
1800	1,611	24,30	649,49	1,51	2,1	1,9	171,68	477,81
1801	1,562	25,55	621,92	1,64	2,1	2,0	171,77	450,15
1802	1,505	26,26	609,89	1,74	2,2	2,0	171,87	438,02
1803	1,453	26,30	603,79	1,81	2,2	1,9	171,97	431,82
1804	1,444	26,63	604,06	1,84	2,1	1,9	172,07	431,99
1805	1,007	16,44	533,76	1,63	2,3	0,0	172,17	361,59
1806	1,007	16,44	533,76	1,63	2,3	0,0	172,26	361,50
1807	1,383	26,38	757,77	1,91	2,1	1,5	172,36	585,41
1808	1,383	26,38	757,77	1,91	2,1	1,5	172,46	585,31
1809	1,409	26,42	742,41	1,88	2,2	1,8	172,56	569,85
1810	1,400	27,21	734,78	1,94	2,2	2,0	172,66	562,12
1811	1,400	27,63	726,88	1,97	2,2	2,0	172,75	554,13
1812	1,405	28,75	724,28	2,05	2,1	1,9	172,85	551,43
1813	1,400	30,92	728,95	2,21	2,2	1,9	172,95	556,00
1814	1,400	30,92	728,95	2,21	2,2	1,9	173,05	555,90
1815	1,405	31,67	718,26	2,25	2,1	2,0	173,15	545,11
1816	1,409	30,71	710,90	2,18	2,1	2,0	173,24	537,66
1817	1,379	29,96	704,17	2,17	2,1	2,0	173,34	530,83
1818	1,379	29,96	704,17	2,17	2,1	2,0	173,44	530,73
1819	1,357	29,84	699,32	2,20	2,1	2,0	173,54	525,78
1820	1,330	29,17	682,80	2,19	2,1	2,0	173,64	509,16

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1821	1,295	29,67	680,73	2,29	2,1	1,9	173,74	506,99
1822	1,291	28,71	682,62	2,22	2,1	2,0	173,83	508,79
1823	1,291	28,71	682,62	2,22	2,1	2,0	173,93	508,69
1824	1,282	27,80	676,69	2,17	2,2	2,0	174,03	502,66
1825	1,274	26,46	677,86	2,08	2,2	2,0	174,13	503,73
1826	1,260	25,26	678,94	2,00	2,2	2,0	174,23	504,71
1827	1,256	22,93	690,61	1,83	2,1	2,0	174,32	516,29
1828	1,256	22,93	690,61	1,83	2,1	2,0	174,42	516,19
1829	1,247	22,68	701,92	1,82	2,1	2,0	174,52	527,40
1830	1,239	21,43	726,88	1,73	2,2	2,0	174,62	552,26
1831	1,252	20,85	725,98	1,67	2,1	2,0	174,72	551,26
1832	1,252	20,39	714,49	1,63	2,1	2,0	174,81	539,68
1833	1,252	20,39	714,49	1,63	2,1	2,0	174,91	539,58
1834	1,230	18,06	695,82	1,47	2,1	2,0	175,01	520,81
1835	1,221	16,85	697,34	1,38	2,1	2,0	175,11	522,23
1836	1,221	17,10	718,62	1,40	2,2	2,0	175,21	543,41
1837	1,221	17,10	718,62	1,40	2,2	2,0	175,30	543,32
1838	1,221	16,64	729,31	1,36	2,1	2,0	175,40	553,91
1839	1,256	15,77	760,10	1,26	2,2	2,0	175,50	584,60
1840	1,278	15,60	767,37	1,22	2,2	1,9	175,60	591,77
1841	1,287	15,56	769,89	1,21	2,2	2,0	175,70	594,19
1842	1,287	15,56	769,89	1,21	2,2	2,0	175,80	594,09
1843	1,287	15,35	768,81	1,19	2,2	2,0	175,89	592,92
1844	1,256	15,77	740,08	1,26	2,2	2,0	175,99	564,09
1845	1,247	15,94	728,50	1,28	2,2	1,9	176,09	552,41
1846	1,225	16,64	718,44	1,36	2,3	2,0	176,19	542,25
1847	1,225	16,64	718,44	1,36	2,3	2,0	176,29	542,15
1848	1,199	18,68	733,97	1,56	2,1	1,9	176,38	557,59
1849	1,190	19,31	744,30	1,62	2,1	2,0	176,48	567,82
1850	1,182	18,68	735,77	1,58	2,1	2,0	176,58	559,19
1851	1,182	18,68	735,77	1,58	2,1	2,0	176,68	559,09
1852	1,177	18,68	727,24	1,59	2,1	2,0	176,78	550,46
1853	1,160	19,27	701,38	1,66	2,1	2,0	176,87	524,51
1854	1,147	19,81	689,89	1,73	2,1	2,0	176,97	512,92
1855	1,125	20,35	681,90	1,81	2,1	2,0	177,07	504,83
1856	1,125	20,35	681,90	1,81	2,1	2,0	177,17	504,73
1857	1,116	20,35	674,18	1,82	2,1	2,0	177,27	496,91
1858	1,103	19,72	673,10	1,79	2,1	2,0	177,36	495,74
1859	1,103	19,35	682,71	1,75	2,1	2,0	177,46	505,25
1860	1,107	18,35	701,92	1,66	2,1	1,9	177,56	524,36
1861	1,107	18,35	701,92	1,66	2,1	1,9	177,66	524,26
1862	1,125	17,81	720,33	1,58	2,1	2,0	177,76	542,57
1863	1,133	17,64	724,55	1,56	2,1	1,9	177,86	546,69
1864	1,160	18,10	731,10	1,56	2,1	2,0	177,95	553,15
1865	1,160	18,10	731,10	1,56	2,1	2,0	178,05	553,05
1866	1,160	18,27	737,21	1,58	2,1	2,0	178,15	559,06
1867	1,186	18,27	748,61	1,54	2,1	1,9	178,25	570,36
1868	1,190	18,31	751,39	1,54	2,1	2,0	178,35	573,04
1869	1,204	18,43	736,58	1,53	2,1	2,0	178,44	558,14
1870	1,204	18,43	736,58	1,53	2,1	2,0	178,54	558,04
1871	1,195	18,85	702,10	1,58	2,1	2,0	178,64	523,46
1872	1,190	19,52	690,07	1,64	2,1	2,0	178,74	511,33
1873	1,177	19,85	678,85	1,69	2,1	2,0	178,84	500,01
1874	1,177	19,85	678,85	1,69	2,1	2,0	178,93	499,92
1875	1,177	19,93	681,54	1,69	2,1	1,9	179,03	502,51
1876	1,190	20,39	694,02	1,71	2,1	2,0	179,13	514,89
1877	1,186	21,01	693,75	1,77	2,1	2,0	179,23	514,52
1878	1,177	21,10	696,80	1,79	2,1	2,0	179,33	517,47
1879	1,177	21,10	696,80	1,79	2,1	2,0	179,42	517,38
1880	1,177	21,14	694,47	1,80	2,1	2,0	179,52	514,95
1881	1,164	21,72	677,05	1,87	2,1	2,0	179,62	497,43
1882	1,164	22,01	676,24	1,89	2,1	2,0	179,72	496,52
1883	1,160	22,80	684,32	1,97	2,1	1,9	179,82	504,50
1884	1,160	22,80	684,32	1,97	2,1	1,9	179,92	504,40
1885	1,155	23,18	692,05	2,01	2,1	2,0	180,01	512,04



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1886	1,142	23,93	693,21	2,10	2,1	1,9	180,11	513,10
1887	1,138	24,38	693,75	2,14	2,1	1,9	180,21	513,54
1888	1,133	25,05	693,12	2,21	2,1	2,0	180,31	512,81
1889	1,133	25,05	693,12	2,21	2,1	2,0	180,41	512,71
1890	1,147	25,22	694,92	2,20	2,1	2,0	180,50	514,42
1891	1,151	25,51	702,64	2,22	2,1	2,0	180,60	522,04
1892	1,142	26,92	720,15	2,36	2,1	1,9	180,70	539,45
1893	1,142	26,92	720,15	2,36	2,1	1,9	180,80	539,35
1894	1,138	27,17	725,44	2,39	2,1	2,0	180,90	544,54
1895	1,116	27,30	716,20	2,45	2,3	2,0	180,99	535,21
1896	1,098	27,46	704,70	2,50	2,1	2,0	181,09	523,61
1897	1,081	27,13	692,05	2,51	2,1	2,0	181,19	510,86
1898	1,081	27,13	692,05	2,51	2,1	2,0	181,29	510,76
1899	1,081	26,96	691,42	2,49	2,1	2,0	181,39	510,03
1900	1,072	25,26	820,08	2,36	2,1	1,7	181,49	638,59
1901	1,072	25,26	820,08	2,36	2,1	1,7	181,58	638,50
1902	1,085	25,42	814,78	2,34	2,1	1,8	181,68	633,10
1903	1,090	25,76	806,88	2,36	2,1	2,0	181,78	625,10
1904	1,094	26,13	799,69	2,39	2,1	2,0	181,88	617,81
1905	1,094	26,46	791,88	2,42	2,1	2,0	181,98	609,90
1906	1,085	26,34	767,46	2,43	2,1	1,9	182,07	585,39
1907	1,098	26,01	775,00	2,37	2,1	1,9	182,17	592,83
1908	1,138	24,43	782,19	2,15	2,1	2,0	182,27	599,92
1909	1,138	24,43	782,19	2,15	2,1	2,0	182,37	599,82
1910	1,168	24,43	767,55	2,09	2,1	2,0	182,47	585,08
1911	1,173	25,05	761,09	2,14	2,1	2,0	182,56	578,53
1912	1,190	25,63	744,75	2,15	2,1	1,9	182,66	562,09
1913	1,190	25,63	744,75	2,15	2,1	1,9	182,76	561,99
1914	1,190	26,05	742,14	2,19	2,1	1,9	182,86	559,28
1915	1,186	26,88	744,39	2,27	2,1	2,0	182,96	561,43
1916	1,186	27,05	742,95	2,28	2,1	2,0	183,05	559,90
1917	1,182	27,21	741,96	2,30	2,1	2,0	183,15	558,81
1918	1,182	27,21	741,96	2,30	2,1	2,0	183,25	558,71
1919	1,182	27,75	730,83	2,35	2,1	1,9	183,35	547,48
1920	1,182	28,25	730,11	2,39	2,1	2,0	183,45	546,66
1921	1,182	29,29	732,63	2,48	2,1	1,9	183,55	549,08
1922	1,182	29,29	732,63	2,48	2,1	1,9	183,64	548,99
1923	1,177	30,13	732,18	2,56	2,1	2,0	183,74	548,44
1924	1,151	30,63	722,48	2,66	2,1	2,0	183,84	538,64
1925	1,138	30,67	726,70	2,70	2,1	2,0	183,94	542,76
1926	1,129	30,29	727,96	2,68	2,3	2,0	184,04	543,92
1927	1,129	30,29	727,96	2,68	2,3	2,0	184,13	543,83
1928	1,133	30,00	730,47	2,65	2,1	2,0	184,23	546,24
1929	1,133	30,08	735,50	2,65	2,1	2,0	184,33	551,17
1930	1,129	30,21	733,70	2,68	2,1	2,0	184,43	549,27
1931	1,129	30,21	733,70	2,68	2,1	2,0	184,53	549,17
1932	1,129	30,13	732,54	2,67	2,1	1,9	184,62	547,92
1933	1,147	29,50	739,45	2,57	2,1	2,0	184,72	554,73
1934	1,155	29,46	741,61	2,55	2,1	2,0	184,82	556,79
1935	1,160	30,08	756,51	2,59	2,1	2,0	184,92	571,59
1936	1,160	30,08	756,51	2,59	2,1	2,0	185,02	571,49
1937	1,168	29,88	758,30	2,56	2,1	2,0	185,11	573,19
1938	1,186	29,79	750,85	2,51	2,1	2,0	185,21	565,64
1939	1,195	30,50	747,26	2,55	2,1	1,9	185,31	561,95
1940	1,217	31,46	767,82	2,59	2,1	2,0	185,41	582,41
1941	1,217	31,46	767,82	2,59	2,1	2,0	185,51	582,31
1942	1,252	31,42	802,39	2,51	2,1	2,0	185,61	616,78
1943	1,361	31,04	867,84	2,28	2,1	2,0	185,70	682,14
1944	1,422	31,08	899,98	2,19	2,1	1,9	185,80	714,18
1945	1,510	31,25	942,45	2,07	2,1	2,0	185,90	756,55
1946	1,510	31,25	942,45	2,07	2,1	2,0	186,00	756,45
1947	1,497	31,50	914,71	2,10	2,1	1,9	186,10	728,61
1948	1,479	31,54	884,72	2,13	2,1	2,0	186,19	698,53
1949	1,405	31,92	815,05	2,27	2,1	2,0	186,29	628,76
1950	1,405	31,92	815,05	2,27	2,1	2,0	186,39	628,66

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1951	1,387	32,17	787,93	2,32	2,1	2,0	186,49	601,44
1952	1,365	32,66	710,90	2,39	2,1	2,0	186,59	524,31
1953	1,348	34,08	691,42	2,53	2,1	2,0	186,68	504,74
1954	1,287	38,12	675,70	2,96	2,1	2,0	186,78	488,92
1955	1,287	38,12	675,70	2,96	2,1	2,0	186,88	488,82
1956	1,256	39,91	670,32	3,18	2,1	2,0	186,98	483,34
1957	1,230	41,90	686,21	3,41	2,1	2,0	187,08	499,13
1958	1,239	41,20	693,93	3,33	2,1	2,0	187,17	506,76
1959	1,274	39,99	709,55	3,14	2,1	2,0	187,27	522,28
1960	1,274	39,99	709,55	3,14	2,1	2,0	187,37	522,18
1961	1,313	40,74	728,05	3,10	2,1	2,0	187,47	540,58
1962	1,344	40,99	741,96	3,05	2,1	1,9	187,57	554,39
1963	1,392	42,15	749,96	3,03	2,1	2,0	187,67	562,29
1964	1,392	42,15	749,96	3,03	2,1	2,0	187,76	562,20
1965	1,400	43,28	758,30	3,09	2,1	1,9	187,86	570,44
1966	1,427	44,86	755,61	3,14	2,1	2,0	187,96	567,65
1967	1,427	45,06	746,72	3,16	2,2	2,0	188,06	558,66
1968	1,435	44,94	730,92	3,13	2,1	1,9	188,16	542,76
1969	1,435	44,94	730,92	3,13	2,1	1,9	188,25	542,67
1970	1,444	45,40	707,31	3,14	2,1	1,9	188,35	518,96
1971	1,440	46,31	696,62	3,22	2,1	1,9	188,45	508,17
1972	1,422	49,39	680,55	3,47	2,1	2,0	188,55	492,00
1973	1,422	49,39	680,55	3,47	2,1	2,0	188,65	491,90
1974	1,418	50,27	682,44	3,55	2,1	2,0	188,74	493,70
1975	1,418	51,72	710,99	3,65	2,1	2,0	188,84	522,15
1976	1,435	52,31	724,19	3,65	2,1	1,9	188,94	535,25
1977	1,431	54,09	714,13	3,78	2,1	2,0	189,04	525,09
1978	1,431	54,09	714,13	3,78	2,1	2,0	189,14	524,99
1979	1,422	54,43	706,14	3,83	2,1	2,0	189,23	516,91
1980	1,414	54,51	698,87	3,86	2,1	2,0	189,33	509,54
1981	1,418	53,97	702,64	3,81	2,1	2,0	189,43	513,21
1982	1,427	54,01	697,25	3,78	2,1	2,0	189,53	507,72
1983	1,427	54,01	697,25	3,78	2,1	2,0	189,63	507,62
1984	1,405	55,55	700,57	3,95	2,1	1,9	189,73	510,84
1985	1,400	55,47	706,86	3,96	2,1	1,9	189,82	517,04
1986	1,431	54,22	712,16	3,79	2,1	2,0	189,92	522,24
1987	1,431	54,22	712,16	3,79	2,1	2,0	190,02	522,14
1988	1,431	54,76	711,17	3,83	2,1	1,9	190,12	521,05
1989	1,422	56,42	722,30	3,97	2,1	2,0	190,22	532,08
1990	1,431	57,30	722,39	4,00	2,1	2,0	190,31	532,08
1991	1,453	58,09	720,87	4,00	2,1	2,0	190,41	530,46
1992	1,453	58,09	720,87	4,00	2,1	2,0	190,51	530,36
1993	1,462	60,54	726,70	4,14	2,1	1,9	190,61	536,09
1994	1,466	61,92	730,47	4,22	2,1	2,0	190,71	539,76
1995	1,462	65,04	738,01	4,45	2,1	2,0	190,80	547,21
1996	1,462	65,04	738,01	4,45	2,1	2,0	190,90	547,11
1997	1,475	65,04	740,71	4,41	2,1	2,0	191,00	549,71
1998	1,492	64,83	731,19	4,35	2,1	2,0	191,10	540,09
1999	1,501	65,45	725,98	4,36	2,1	2,0	191,20	534,78
2000	1,479	66,95	744,12	4,53	2,1	1,9	191,30	552,82
2001	1,479	66,95	744,12	4,53	2,1	1,9	191,39	552,73
2002	1,514	68,78	736,31	4,54	2,1	1,9	191,49	544,82
2003	1,497	71,36	709,55	4,77	2,1	1,9	191,59	517,96
2004	1,492	71,90	704,53	4,82	2,1	1,9	191,69	512,84
2005	1,470	72,94	696,00	4,96	2,1	2,0	191,79	504,21
2006	1,470	72,94	696,00	4,96	2,1	2,0	191,88	504,12
2007	1,462	72,65	695,28	4,97	2,1	1,9	191,98	503,30
2008	1,470	70,03	666,46	4,76	2,1	2,0	192,08	474,38
2009	1,462	69,41	659,72	4,75	2,1	2,0	192,18	467,54
2010	1,488	68,45	665,47	4,60	2,1	2,0	192,28	473,19
2011	1,488	68,45	665,47	4,60	2,1	2,0	192,37	473,10
2012	1,554	66,41	684,59	4,27	2,1	1,9	192,47	492,12
2013	1,567	66,45	683,79	4,24	2,1	1,9	192,57	491,22
2014	1,558	66,25	683,25	4,25	2,1	2,0	192,67	490,58
2015	1,558	66,25	683,25	4,25	2,1	2,0	192,77	490,48

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2016	1,558	65,54	678,49	4,21	2,1	1,9	192,86	485,63
2017	1,523	64,58	657,93	4,24	2,1	2,0	192,96	464,97
2018	1,505	63,83	649,67	4,24	2,1	2,0	193,06	456,61
2019	1,505	62,42	644,55	4,15	2,1	1,9	193,16	451,39
2020	1,505	62,42	644,55	4,15	2,1	1,9	193,26	451,29
2021	1,479	63,12	633,96	4,27	2,1	1,9	193,36	440,60
2022	1,466	64,12	625,43	4,37	2,1	1,9	193,45	431,98
2023	1,475	64,91	613,13	4,40	2,1	2,0	193,55	419,58
2024	1,475	64,91	613,13	4,40	2,1	2,0	193,65	419,48
2025	1,479	66,04	607,56	4,47	2,1	2,0	193,75	413,81
2026	1,492	67,62	618,06	4,53	2,1	2,0	193,85	424,21
2027	1,488	67,78	624,89	4,56	2,1	2,0	193,94	430,95
2028	1,479	67,16	646,70	4,54	2,1	2,0	194,04	452,66
2029	1,479	67,16	646,70	4,54	2,1	2,0	194,14	452,56
2030	1,501	64,25	650,03	4,28	2,1	2,0	194,24	455,79
2031	1,501	63,12	649,49	4,21	2,1	2,0	194,34	455,15
2032	1,492	63,79	640,06	4,28	2,1	2,0	194,43	445,63
2033	1,492	63,79	640,06	4,28	2,1	2,0	194,53	445,53
2034	1,497	63,42	642,84	4,24	2,1	2,0	194,63	448,21
2035	1,519	61,71	661,34	4,06	2,1	2,0	194,73	466,61
2036	1,532	61,09	667,27	3,99	2,1	2,0	194,83	472,44
2037	1,527	62,25	684,50	4,08	2,1	2,0	194,92	489,58
2038	1,527	62,25	684,50	4,08	2,1	2,0	195,02	489,48
2039	1,536	62,33	688,90	4,06	2,1	1,9	195,12	493,78
2040	1,554	62,33	677,86	4,01	2,1	2,0	195,22	482,64
2041	1,558	62,38	671,84	4,00	2,1	1,9	195,32	476,52
2042	1,584	61,79	692,67	3,90	2,1	2,0	195,42	497,25
2043	1,584	61,79	692,67	3,90	2,1	2,0	195,51	497,16
2044	1,628	61,50	699,41	3,78	2,1	1,9	195,61	503,80
2045	1,632	62,21	709,91	3,81	2,1	1,9	195,71	514,20
2046	1,632	62,21	728,23	3,81	2,1	1,9	195,81	532,42
2047	1,632	62,21	728,23	3,81	2,1	1,9	195,91	532,32
2048	1,619	62,62	752,65	3,87	2,1	2,0	196,00	556,65
2049	1,650	61,17	751,84	3,71	2,1	2,0	196,10	555,74
2050	1,702	60,29	735,23	3,54	2,1	2,0	196,20	539,03
2051	1,702	60,29	735,23	3,54	2,1	2,0	196,30	538,93
2052	1,720	60,13	715,84	3,50	2,1	2,0	196,40	519,44
2053	1,685	63,42	693,21	3,76	2,1	2,0	196,49	496,72
2054	1,685	64,08	696,18	3,80	2,1	2,0	196,59	499,59
2055	1,663	66,00	698,60	3,97	2,1	2,0	196,69	501,91
2056	1,663	66,00	698,60	3,97	2,1	2,0	196,79	501,81
2057	1,650	66,91	697,43	4,06	2,1	2,0	196,89	500,54
2058	1,646	68,58	673,82	4,17	2,1	2,0	196,98	476,84
2059	1,641	68,20	663,85	4,16	2,1	2,0	197,08	466,77
2060	1,615	68,28	653,08	4,23	2,1	1,9	197,18	455,90
2061	1,615	68,28	653,08	4,23	2,1	1,9	197,28	455,80
2062	1,597	68,49	644,10	4,29	2,1	1,9	197,38	446,72
2063	1,589	69,28	635,39	4,36	2,1	1,9	197,48	437,91
2064	1,589	70,82	650,92	4,46	2,1	2,0	197,57	453,35
2065	1,589	70,82	650,92	4,46	2,1	2,0	197,67	453,25
2066	1,593	70,07	655,59	4,40	2,1	1,9	197,77	457,82
2067	1,589	66,74	646,26	4,20	2,1	2,0	197,87	448,39
2068	1,580	65,45	637,46	4,14	2,1	1,9	197,97	439,49
2069	1,562	63,58	602,98	4,07	2,1	1,9	198,06	404,92
2070	1,562	63,58	602,98	4,07	2,1	1,9	198,16	404,82
2071	1,497	62,13	579,73	4,15	2,1	1,9	198,26	381,47
2072	1,466	61,50	580,71	4,20	2,1	2,0	198,36	382,35
2073	1,422	58,59	583,95	4,12	2,1	2,0	198,46	385,49
2074	1,422	58,59	583,95	4,12	2,1	2,0	198,55	385,40
2075	1,405	56,72	583,32	4,04	2,1	2,0	198,65	384,67
2076	1,357	54,22	577,57	4,00	2,1	1,9	198,75	378,82
2077	1,344	52,26	567,34	3,89	2,1	1,8	198,85	368,49
2078	1,317	48,85	566,98	3,71	2,1	2,0	198,95	368,03
2079	1,317	48,85	566,98	3,71	2,1	2,0	199,04	367,94
2080	1,309	47,27	575,78	3,61	2,1	2,0	199,14	376,64

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2081	1,291	43,77	581,34	3,39	2,1	2,0	199,24	382,10
2082	1,282	41,99	587,18	3,28	2,1	2,0	199,34	387,84
2083	1,269	39,32	577,39	3,10	2,1	1,9	199,44	377,95
2084	1,269	39,32	577,39	3,10	2,1	1,9	199,54	377,85
2085	1,247	36,24	560,06	2,91	2,1	1,9	199,63	360,43
2086	1,230	35,12	556,74	2,86	2,1	1,9	199,73	357,01
2087	1,212	31,96	559,44	2,64	2,1	1,9	199,83	359,61
2088	1,212	31,96	559,44	2,64	2,1	1,9	199,93	359,51
2089	1,199	29,25	559,26	2,44	2,1	1,9	200,03	359,23
2090	1,195	27,75	562,94	2,32	2,1	2,0	200,12	362,82
2091	1,190	25,76	577,12	2,16	2,1	2,0	200,22	376,90
2092	1,190	25,76	577,12	2,16	2,1	2,0	200,32	376,80
2093	1,186	24,97	587,18	2,11	2,1	1,9	200,42	386,76
2094	1,186	23,84	593,73	2,01	2,1	1,9	200,52	393,21
2095	1,177	22,97	593,55	1,95	2,1	2,0	200,61	392,94
2096	1,164	21,39	605,40	1,84	2,1	2,0	200,71	404,69
2097	1,164	21,39	605,40	1,84	2,1	2,0	200,81	404,59
2098	1,160	20,47	615,37	1,76	2,1	2,0	200,91	414,46
2099	1,151	18,89	633,06	1,64	2,1	2,0	201,01	432,05
2100	1,492	12,65	645,99	0,85	2,1	1,8	201,11	444,88
2101	1,492	12,65	645,99	0,85	2,1	1,8	201,20	444,79
2102	1,497	14,06	622,73	0,94	2,1	2,1	201,30	421,43
2103	1,431	15,77	629,38	1,10	2,1	1,9	201,40	427,98
2104	1,409	15,98	632,25	1,13	2,1	1,9	201,50	430,75
2105	1,392	17,68	633,69	1,27	2,1	1,9	201,60	432,09
2106	1,392	17,68	633,69	1,27	2,1	1,9	201,69	432,00
2107	1,370	19,02	637,91	1,39	2,1	2,0	201,79	436,12
2108	1,344	19,77	674,54	1,47	2,1	2,0	201,89	472,65
2109	1,365	18,81	691,42	1,38	2,1	1,9	201,99	489,43
2110	1,383	19,22	718,26	1,39	2,1	2,0	202,09	516,17
2111	1,383	19,22	718,26	1,39	2,1	2,0	202,18	516,08
2112	1,379	19,97	745,11	1,45	2,1	1,9	202,28	542,83
2113	1,387	19,43	764,77	1,40	2,1	1,9	202,38	562,39
2114	1,418	20,89	781,56	1,47	2,1	2,0	202,48	579,08
2115	1,418	20,89	781,56	1,47	2,1	2,0	202,58	578,98
2116	1,427	21,39	783,44	1,50	2,1	1,9	202,67	580,77
2117	1,470	20,60	824,12	1,40	2,1	1,9	202,77	621,35
2118	1,497	20,51	835,88	1,37	2,1	2,0	202,87	633,01
2119	1,527	21,26	818,82	1,39	2,1	1,9	202,97	615,85
2120	1,527	21,26	818,82	1,39	2,1	1,9	203,07	615,75
2121	1,514	21,35	803,20	1,41	2,1	1,9	203,17	600,03
2122	1,514	21,06	777,61	1,39	2,1	2,0	203,26	574,35
2123	1,479	23,30	772,40	1,58	2,1	2,0	203,36	569,04
2124	1,479	23,30	772,40	1,58	2,1	2,0	203,46	568,94
2125	1,466	23,47	782,55	1,60	2,1	1,9	203,56	578,99
2126	1,457	23,22	762,70	1,59	2,3	2,0	203,66	559,04
2127	1,405	23,47	735,59	1,67	2,1	2,0	203,75	531,84
2128	1,405	23,47	735,59	1,67	2,1	2,0	203,85	531,74
2129	1,396	23,39	739,09	1,68	2,3	2,0	203,95	535,14
2130	1,374	23,18	749,06	1,69	2,3	1,9	204,05	545,01
2131	1,379	23,34	751,48	1,69	2,1	2,0	204,15	547,33
2132	1,379	23,47	766,03	1,70	2,1	2,0	204,24	561,79
2133	1,379	23,47	766,03	1,70	2,1	2,0	204,34	561,69
2134	1,361	23,30	754,09	1,71	2,1	2,0	204,44	549,65
2135	1,352	23,26	759,74	1,72	2,2	2,0	204,54	555,20
2136	1,339	23,09	757,41	1,72	2,3	2,0	204,64	552,77
2137	1,339	23,09	757,41	1,72	2,3	2,0	204,73	552,68
2138	1,330	22,72	761,36	1,71	2,1	1,9	204,83	556,53
2139	1,344	22,39	764,32	1,67	2,1	1,9	204,93	559,39
2140	1,335	21,89	758,22	1,64	2,3	2,0	205,03	553,19
2141	1,326	19,68	753,01	1,48	2,3	2,0	205,13	547,88
2142	1,326	19,68	753,01	1,48	2,3	2,0	205,23	547,78
2143	1,322	17,52	734,06	1,33	2,3	2,0	205,32	528,74
2144	1,300	17,02	728,86	1,31	2,3	1,9	205,42	523,44
2145	1,278	15,56	756,33	1,22	2,3	1,9	205,52	550,81

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2146	1,278	15,56	756,33	1,22	2,3	1,9	205,62	550,71
2147	1,274	14,40	773,30	1,13	2,3	1,9	205,72	567,58
2148	1,291	13,57	801,76	1,05	2,3	1,9	205,81	595,95
2149	1,278	12,48	792,51	0,98	2,3	2,0	205,91	586,60
2150	1,243	11,61	793,32	0,93	2,3	2,0	206,01	587,31
2151	1,243	11,61	793,32	0,93	2,3	2,0	206,11	587,21
2152	1,208	10,99	772,76	0,91	2,3	2,0	206,21	566,55
2153	1,190	10,86	778,42	0,91	2,1	2,0	206,30	572,12
2154	1,204	9,65	801,04	0,80	2,3	1,9	206,40	594,64
2155	1,204	9,65	801,04	0,80	2,3	1,9	206,50	594,54
2156	1,221	9,65	808,67	0,79	2,3	2,0	206,60	602,07
2157	1,239	9,45	826,99	0,76	2,3	2,0	206,70	620,29
2158	1,247	9,36	823,04	0,75	2,3	2,0	206,79	616,25
2159	1,239	9,49	820,43	0,77	2,3	1,9	206,89	613,54
2160	1,239	9,49	820,43	0,77	2,3	1,9	206,99	613,44
2161	1,252	9,95	848,36	0,79	2,3	1,9	207,09	641,27
2162	1,256	10,36	896,12	0,82	2,3	1,9	207,19	688,93
2163	1,344	10,57	966,15	0,79	2,3	2,0	207,29	758,86
2164	1,344	10,57	966,15	0,79	2,3	2,0	207,38	758,77
2165	1,387	10,53	967,50	0,76	2,1	1,9	207,48	760,02
2166	1,449	10,74	921,17	0,74	2,3	1,9	207,58	713,59
2167	1,462	10,86	897,02	0,74	2,3	2,0	207,68	689,34
2168	1,449	12,23	867,12	0,84	2,3	1,9	207,78	659,34
2169	1,449	12,23	867,12	0,84	2,3	1,9	207,87	659,25
2170	1,422	14,11	851,59	0,99	2,2	1,9	207,97	643,62
2171	1,418	14,36	840,99	1,01	2,3	2,0	208,07	632,92
2172	1,396	15,94	811,19	1,14	2,3	2,0	208,17	603,02
2173	1,396	15,94	811,19	1,14	2,3	2,0	208,27	602,92
2174	1,361	16,81	796,91	1,24	2,3	2,0	208,36	588,55
2175	1,326	17,56	783,17	1,32	2,3	2,0	208,46	574,71
2176	1,291	18,18	783,26	1,41	2,3	1,9	208,56	574,70
2177	1,260	18,77	798,44	1,49	2,3	2,1	208,66	589,78
2178	1,260	18,77	798,44	1,49	2,3	2,1	208,76	589,68
2179	1,295	16,85	812,26	1,30	2,1	2,0	208,85	603,41
2180	1,309	16,27	814,87	1,24	2,3	2,0	208,95	605,92
2181	1,330	15,52	840,91	1,17	2,3	2,0	209,05	631,86
2182	1,330	15,52	840,91	1,17	2,3	2,0	209,15	631,76
2183	1,335	15,31	859,13	1,15	2,3	2,0	209,25	649,88
2184	1,379	14,98	907,52	1,09	2,3	1,9	209,35	698,17
2185	1,414	15,69	927,10	1,11	2,1	1,9	209,44	717,66
2186	1,510	14,98	971,45	0,99	2,3	1,9	209,54	761,91
2187	1,510	14,98	971,45	0,99	2,3	1,9	209,64	761,81
2188	1,597	14,98	1003,77	0,94	2,3	1,9	209,74	794,03
2189	1,619	15,56	984,11	0,96	2,3	1,9	209,84	774,27
2190	1,646	16,06	946,49	0,98	2,3	2,0	209,93	736,56
2191	1,646	16,06	946,49	0,98	2,3	2,0	210,03	736,46
2192	1,624	19,97	915,33	1,23	2,3	2,0	210,13	705,20
2193	1,606	22,59	904,38	1,41	2,3	1,9	210,23	694,15
2194	1,584	27,71	854,55	1,75	2,3	1,9	210,33	644,22
2195	1,584	27,71	854,55	1,75	2,3	1,9	210,42	644,13
2196	1,567	30,33	835,25	1,94	2,3	2,0	210,52	624,73
2197	1,536	32,66	822,95	2,13	2,3	2,0	210,62	612,33
2198	1,545	32,08	820,25	2,08	2,3	2,0	210,72	609,53
2199	1,532	30,67	903,03	2,00	2,2	1,7	210,82	692,21
2200	1,532	30,67	903,03	2,00	2,2	1,7	210,92	692,11
2201	1,562	30,92	892,08	1,98	2,2	1,9	211,01	681,07
2202	1,558	32,00	891,45	2,05	2,2	1,9	211,11	680,34
2203	1,536	36,53	911,38	2,38	2,3	2,0	211,21	700,17
2204	1,540	35,12	915,25	2,28	2,3	1,9	211,31	703,94
2205	1,558	33,71	926,92	2,16	2,3	1,9	211,41	715,51
2206	1,558	33,71	926,92	2,16	2,3	1,9	211,50	715,42
2207	1,580	31,08	924,94	1,97	2,3	2,0	211,60	713,34
2208	1,597	30,67	910,94	1,92	2,3	1,9	211,70	699,24
2209	1,567	31,71	882,74	2,02	2,3	1,9	211,80	670,94
2210	1,567	31,71	882,74	2,02	2,3	1,9	211,90	670,84

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2211	1,545	31,62	879,15	2,05	2,3	1,9	211,99	667,16
2212	1,519	28,96	883,37	1,91	2,3	2,0	212,09	671,28
2213	1,514	28,00	878,97	1,85	2,3	1,9	212,19	666,78
2214	1,440	29,34	866,85	2,04	2,3	1,9	212,29	654,56
2215	1,440	29,34	866,85	2,04	2,3	1,9	212,39	654,46
2216	1,409	24,88	872,51	1,77	2,2	1,9	212,48	660,03
2217	1,422	22,64	876,82	1,59	2,2	2,0	212,58	664,24
2218	1,440	23,80	886,60	1,65	2,3	2,0	212,68	673,92
2219	1,440	23,80	886,60	1,65	2,3	2,0	212,78	673,82
2220	1,462	24,09	921,53	1,65	2,3	1,9	212,88	708,65
2221	1,484	24,22	934,64	1,63	2,3	1,9	212,98	721,66
2222	1,536	23,26	941,46	1,51	2,3	1,9	213,07	728,39
2223	1,536	23,26	941,46	1,51	2,3	1,9	213,17	728,29
2224	1,532	22,64	936,97	1,48	2,3	1,9	213,27	723,70
2225	1,558	22,55	941,28	1,45	2,3	2,0	213,37	727,91
2226	1,597	24,55	928,53	1,54	2,3	2,0	213,47	715,06
2227	1,597	24,55	928,53	1,54	2,3	2,0	213,56	714,97
2228	1,597	25,63	930,06	1,60	2,3	1,9	213,66	716,40
2229	1,632	26,34	945,95	1,61	2,3	1,9	213,76	732,19
2230	1,637	28,05	961,21	1,71	2,3	2,0	213,86	747,35
2231	1,667	29,00	960,32	1,74	2,3	1,9	213,96	746,36
2232	1,667	29,00	960,32	1,74	2,3	1,9	214,05	746,27
2233	1,663	30,08	943,53	1,81	2,3	2,0	214,15	729,38
2234	1,663	30,92	933,38	1,86	2,3	2,0	214,25	719,13
2235	1,663	34,70	905,91	2,09	2,3	1,9	214,35	691,56
2236	1,663	34,70	905,91	2,09	2,3	1,9	214,45	691,46
2237	1,663	36,49	902,23	2,19	2,3	1,9	214,54	687,69
2238	1,637	39,82	909,41	2,43	2,2	2,0	214,64	694,77
2239	1,650	39,20	927,46	2,38	2,3	1,9	214,74	712,72
2240	1,707	37,53	960,32	2,20	2,3	2,0	214,84	745,48
2241	1,707	37,53	960,32	2,20	2,3	2,0	214,94	745,38
2242	1,794	37,70	1005,84	2,10	2,3	2,0	215,04	790,80
2243	1,842	38,62	1008,08	2,10	2,3	1,9	215,13	792,95
2244	1,869	42,24	1036,63	2,26	2,3	1,9	215,23	821,40
2245	1,869	42,24	1036,63	2,26	2,3	1,9	215,33	821,30
2246	1,886	42,82	1030,26	2,27	2,3	1,9	215,43	814,83
2247	1,908	42,57	1016,07	2,23	2,3	1,9	215,53	800,54
2248	1,943	43,15	988,33	2,22	2,2	2,0	215,62	772,71
2249	1,943	43,15	988,33	2,22	2,2	2,0	215,72	772,61
2250	1,934	44,19	982,22	2,28	2,3	2,0	215,82	766,40
2251	1,921	45,27	973,60	2,36	2,3	1,9	215,92	757,68
2252	1,912	47,94	963,55	2,51	2,3	1,9	216,02	747,53
2253	1,886	56,84	931,05	3,01	2,2	2,0	216,11	714,94
2254	1,886	56,84	931,05	3,01	2,2	2,0	216,21	714,84
2255	1,825	66,20	890,20	3,63	2,2	2,0	216,31	673,89
2256	1,790	69,87	878,88	3,90	2,3	2,0	216,41	662,47
2257	1,733	75,36	844,68	4,35	2,2	2,0	216,51	628,17
2258	1,733	75,36	844,68	4,35	2,2	2,0	216,60	628,08
2259	1,702	76,65	824,12	4,50	2,2	1,9	216,70	607,42
2260	1,641	81,97	806,88	5,00	2,3	1,9	216,80	590,08
2261	1,632	83,35	797,81	5,11	2,3	1,9	216,90	580,91
2262	1,597	85,39	756,42	5,35	2,4	2,0	217,00	539,42
2263	1,597	85,39	756,42	5,35	2,4	2,0	217,10	539,32
2264	1,558	88,47	748,70	5,68	2,3	1,9	217,19	531,51
2265	1,545	89,46	745,74	5,79	2,2	1,9	217,29	528,45
2266	1,536	87,38	752,74	5,69	2,3	1,9	217,39	535,35
2267	1,536	87,38	752,74	5,69	2,3	1,9	217,49	535,25
2268	1,519	83,72	739,81	5,51	2,4	1,9	217,59	522,22
2269	1,501	81,47	743,22	5,43	2,3	1,9	217,68	525,54
2270	1,488	76,15	755,88	5,12	2,4	2,0	217,78	538,10
2271	1,488	76,15	755,88	5,12	2,4	2,0	217,88	538,00
2272	1,466	72,07	758,66	4,92	2,4	1,9	217,98	540,68
2273	1,479	69,03	758,22	4,67	2,4	2,0	218,08	540,14
2274	1,514	64,58	766,92	4,27	2,4	1,9	218,17	548,75
2275	1,514	64,58	766,92	4,27	2,4	1,9	218,27	548,65

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2276	1,488	61,88	771,95	4,16	2,3	2,0	218,37	553,58
2277	1,484	59,42	791,17	4,00	2,4	1,9	218,47	572,70
2278	1,510	53,47	829,32	3,54	2,4	2,1	218,57	610,75
2279	1,510	53,47	829,32	3,54	2,4	2,1	218,66	610,66
2280	1,523	50,27	831,66	3,30	2,4	1,9	218,76	612,90
2281	1,527	47,40	841,08	3,10	2,4	2,0	218,86	622,22
2282	1,536	46,31	848,00	3,01	2,4	2,0	218,96	629,04
2283	1,536	44,27	852,85	2,88	2,4	1,9	219,06	633,79
2284	1,536	44,27	852,85	2,88	2,4	1,9	219,16	633,69
2285	1,527	43,07	863,44	2,82	2,4	1,9	219,25	644,19
2286	1,527	41,99	870,08	2,75	2,3	1,9	219,35	650,73
2287	1,527	41,86	881,76	2,74	2,4	1,9	219,45	662,31
2288	1,527	41,86	881,76	2,74	2,4	1,9	219,55	662,21
2289	1,540	41,49	861,73	2,69	2,4	1,9	219,65	642,08
2290	1,523	41,28	855,99	2,71	2,3	2,0	219,74	636,25
2291	1,532	40,90	855,90	2,67	2,4	1,9	219,84	636,06
2292	1,532	40,90	855,90	2,67	2,4	1,9	219,94	635,96
2293	1,523	43,48	843,06	2,85	2,4	1,9	220,04	623,02
2294	1,514	44,19	841,35	2,92	2,4	1,9	220,14	621,21
2295	1,514	44,48	836,60	2,94	2,4	1,9	220,23	616,37
2296	1,514	44,48	836,60	2,94	2,4	1,9	220,33	616,27
2297	1,519	44,48	821,33	2,93	2,4	2,0	220,43	600,90
2298	1,497	46,27	809,84	3,09	2,4	2,0	220,53	589,31
2299	1,400	42,40	963,19	3,03	2,3	1,8	220,63	742,56
2300	1,400	42,40	963,19	3,03	2,3	1,8	220,73	742,46
2301	1,431	42,98	956,90	3,00	2,4	2,0	220,82	736,08
2302	1,427	43,15	931,59	3,02	2,4	2,0	220,92	710,67
2303	1,418	42,82	926,02	3,02	2,3	1,9	221,02	705,00
2304	1,409	42,19	917,13	2,99	2,4	1,9	221,12	696,01
2305	1,409	42,19	917,13	2,99	2,4	1,9	221,22	695,91
2306	1,400	41,11	905,19	2,94	2,4	2,0	221,31	683,88
2307	1,392	40,90	898,73	2,94	2,4	1,9	221,41	677,32
2308	1,365	40,03	888,85	2,93	2,3	2,0	221,51	667,34
2309	1,365	40,03	888,85	2,93	2,3	2,0	221,61	667,24
2310	1,352	38,45	883,10	2,84	2,4	1,9	221,71	661,39
2311	1,348	37,37	879,24	2,77	2,4	1,9	221,80	657,44
2312	1,335	34,83	866,67	2,61	2,3	1,9	221,90	644,77
2313	1,335	34,83	866,67	2,61	2,3	1,9	222,00	644,67
2314	1,317	32,71	848,72	2,48	2,3	1,9	222,10	626,62
2315	1,295	31,54	842,61	2,44	2,4	2,0	222,20	620,41
2316	1,274	29,17	846,11	2,29	2,4	2,0	222,29	623,82
2317	1,274	29,17	846,11	2,29	2,4	2,0	222,39	623,72
2318	1,269	27,34	842,07	2,15	2,4	1,9	222,49	619,58
2319	1,239	26,92	845,66	2,17	2,4	2,0	222,59	623,07
2320	1,234	26,38	849,17	2,14	2,4	1,9	222,69	626,48
2321	1,217	24,59	844,77	2,02	2,4	1,9	222,79	621,98
2322	1,217	24,59	844,77	2,02	2,4	1,9	222,88	621,89
2323	1,204	23,05	834,98	1,91	2,4	1,9	222,98	612,00
2324	1,195	22,30	831,84	1,87	2,4	1,9	223,08	608,76
2325	1,177	21,10	827,98	1,79	2,4	2,0	223,18	604,80
2326	1,177	21,10	827,98	1,79	2,4	2,0	223,28	604,70
2327	1,160	19,85	823,31	1,71	2,3	1,9	223,37	599,94
2328	1,151	19,39	819,09	1,68	2,4	2,0	223,47	595,62
2329	1,129	18,14	814,96	1,61	2,3	1,9	223,57	591,39
2330	1,129	18,14	814,96	1,61	2,3	1,9	223,67	591,29
2331	1,129	17,23	821,78	1,53	2,4	2,0	223,77	598,01
2332	1,138	16,35	841,35	1,44	2,4	1,9	223,86	617,49
2333	1,142	15,56	846,29	1,36	2,4	2,0	223,96	622,33
2334	1,142	15,15	849,88	1,33	2,4	1,9	224,06	625,82
2335	1,142	15,15	849,88	1,33	2,4	1,9	224,16	625,72
2336	1,138	14,27	849,70	1,25	2,4	2,0	224,26	625,44
2337	1,142	13,98	849,25	1,22	2,3	1,9	224,35	624,90
2338	1,129	13,73	845,48	1,22	2,4	2,0	224,45	621,03
2339	1,129	13,73	845,48	1,22	2,4	2,0	224,55	620,93
2340	1,112	13,32	838,30	1,20	2,3	1,9	224,65	613,65

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2341	1,103	13,15	835,97	1,19	2,3	2,0	224,75	611,22
2342	1,094	12,28	833,00	1,12	2,4	1,9	224,85	608,15
2343	1,094	12,28	833,00	1,12	2,4	1,9	224,94	608,06
2344	1,094	11,82	831,84	1,08	2,2	1,9	225,04	606,80
2345	1,090	11,36	837,94	1,04	2,4	1,9	225,14	612,80
2346	1,090	11,32	842,52	1,04	2,4	1,9	225,24	617,28
2347	1,085	10,99	850,42	1,01	2,4	1,9	225,34	625,08
2348	1,085	10,99	850,42	1,01	2,4	1,9	225,43	624,99
2349	1,081	10,61	844,95	0,98	2,4	2,0	225,53	619,42
2350	1,077	10,69	844,41	0,99	2,3	2,0	225,63	618,78
2351	1,081	10,32	857,87	0,95	2,4	2,0	225,73	632,14
2352	1,081	10,32	857,87	0,95	2,4	2,0	225,83	632,04
2353	1,098	9,99	857,43	0,91	2,3	1,9	225,92	631,51
2354	1,103	9,95	853,56	0,90	2,4	1,9	226,02	627,54
2355	1,103	9,86	852,31	0,89	2,4	2,0	226,12	626,19
2356	1,103	9,86	852,31	0,89	2,4	2,0	226,22	626,09
2357	1,107	9,90	859,13	0,89	2,3	2,0	226,32	632,81
2358	1,129	10,07	862,63	0,89	2,3	2,0	226,41	636,22
2359	1,129	10,28	857,60	0,91	2,4	1,9	226,51	631,09
2360	1,138	10,07	857,87	0,88	2,3	1,9	226,61	631,26
2361	1,138	10,07	857,87	0,88	2,3	1,9	226,71	631,16
2362	1,147	9,99	869,73	0,87	2,4	1,9	226,81	642,92
2363	1,151	9,82	881,94	0,85	2,3	1,9	226,91	655,03
2364	1,177	9,65	910,58	0,82	2,3	2,0	227,00	683,58
2365	1,177	9,65	910,58	0,82	2,3	2,0	227,10	683,48
2366	1,225	9,36	946,67	0,76	2,3	1,9	227,20	719,47
2367	1,252	9,45	949,63	0,75	2,3	1,9	227,30	722,33
2368	1,291	10,24	955,47	0,79	2,3	1,9	227,40	728,07
2369	1,291	10,24	955,47	0,79	2,3	1,9	227,49	727,98
2370	1,300	10,65	948,82	0,82	2,3	1,9	227,59	721,23
2371	1,317	11,07	935,63	0,84	2,3	2,0	227,69	707,94
2372	1,339	11,48	932,75	0,86	2,3	1,9	227,79	704,96
2373	1,352	12,77	922,16	0,94	2,3	1,9	227,89	694,27
2374	1,352	12,77	922,16	0,94	2,3	1,9	227,98	694,18
2375	1,361	14,77	927,72	1,09	2,3	2,0	228,08	699,64
2376	1,361	15,27	933,83	1,12	2,2	2,0	228,18	705,65
2377	1,396	15,56	958,16	1,11	2,4	1,9	228,28	729,88
2378	1,396	15,56	958,16	1,11	2,4	1,9	228,38	729,78
2379	1,435	15,90	992,46	1,11	2,3	2,0	228,47	763,99
2380	1,545	18,43	1065,27	1,19	2,4	2,0	228,57	836,70
2381	1,606	19,27	1075,60	1,20	2,3	2,0	228,67	846,93
2382	1,698	20,26	1103,16	1,19	2,3	1,9	228,77	874,39
2383	1,698	20,26	1103,16	1,19	2,3	1,9	228,87	874,29
2384	1,829	20,97	1107,92	1,15	2,2	1,9	228,97	878,95
2385	1,891	22,76	1084,49	1,20	2,4	1,9	229,06	855,43
2386	1,952	29,50	1069,22	1,51	2,3	1,9	229,16	840,06
2387	1,952	29,50	1069,22	1,51	2,3	1,9	229,26	839,96
2388	2,018	36,91	1072,99	1,83	2,3	1,9	229,36	843,63
2389	2,061	40,03	1081,79	1,94	2,2	2,0	229,46	852,33
2390	2,114	47,56	1055,49	2,25	2,2	1,9	229,55	825,94
2391	2,114	47,56	1055,49	2,25	2,2	1,9	229,65	825,84
2392	2,166	55,34	1029,54	2,55	2,2	1,9	229,75	799,79
2393	2,188	60,09	1025,32	2,75	2,2	1,9	229,85	795,47
2394	2,171	71,45	1004,85	3,29	2,2	2,0	229,95	774,90
2395	2,171	71,45	1004,85	3,29	2,2	2,0	230,04	774,81
2396	2,162	76,94	985,72	3,56	2,3	1,9	230,14	755,58
2397	2,118	89,84	947,39	4,24	2,3	2,0	230,24	717,15
2398	2,048	95,96	922,25	4,69	2,2	2,0	230,34	691,91
2399	1,856	96,41	917,31	5,19	2,3	1,9	230,44	686,87
2400	1,856	96,41	917,31	5,19	2,3	1,9	230,54	686,77
2401	1,803	102,24	863,35	5,67	2,3	1,9	230,63	632,72
2402	1,772	103,49	837,22	5,84	2,2	1,9	230,73	606,49
2403	1,702	104,90	800,77	6,16	2,3	1,9	230,83	569,94
2404	1,702	104,90	800,77	6,16	2,3	1,9	230,93	569,84
2405	1,611	104,82	785,96	6,51	2,2	1,9	231,03	554,93



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2406	1,593	101,91	787,04	6,40	2,3	1,9	231,12	555,92
2407	1,597	93,75	792,33	5,87	2,2	2,0	231,22	561,11
2408	1,597	93,75	792,33	5,87	2,2	2,0	231,32	561,01
2409	1,575	86,47	785,15	5,49	2,2	1,9	231,42	553,73
2410	1,562	82,10	779,22	5,26	2,3	1,9	231,52	547,70
2411	1,545	72,74	775,45	4,71	2,3	1,9	231,61	543,84
2412	1,545	72,74	775,45	4,71	2,3	1,9	231,71	543,74
2413	1,527	65,20	771,68	4,27	2,2	1,9	231,81	539,87
2414	1,523	61,46	774,74	4,04	2,4	1,9	231,91	542,83
2415	1,510	54,68	775,54	3,62	2,2	1,9	232,01	543,53
2416	1,510	54,68	775,54	3,62	2,2	1,9	232,10	543,44
2417	1,475	48,48	753,28	3,29	2,3	1,9	232,20	521,08
2418	1,466	45,02	739,72	3,07	2,3	1,9	232,30	507,42
2419	1,418	42,03	743,67	2,96	2,2	1,9	232,40	511,27
2420	1,418	42,03	743,67	2,96	2,2	1,9	232,50	511,17
2421	1,400	40,82	786,68	2,92	2,2	1,9	232,60	554,08
2422	1,392	40,61	809,57	2,92	2,3	1,9	232,69	576,88
2423	1,374	40,03	785,78	2,91	2,3	1,9	232,79	552,99
2424	1,374	40,03	785,78	2,91	2,3	1,9	232,89	552,89
2425	1,392	38,20	732,99	2,74	2,3	2,0	232,99	500,00
2426	1,348	35,20	706,95	2,61	2,3	1,9	233,09	473,86
2427	1,330	32,50	711,26	2,44	2,3	1,9	233,18	478,08
2428	1,330	32,50	711,26	2,44	2,3	1,9	233,28	477,98
2429	1,278	33,46	700,75	2,62	2,3	1,9	233,38	467,37
2430	1,256	32,66	695,91	2,60	2,3	1,9	233,48	462,43
2431	1,221	29,71	696,09	2,43	2,3	1,9	233,58	462,51
2432	1,221	29,71	696,09	2,43	2,3	1,9	233,67	462,42
2433	1,199	28,17	694,11	2,35	2,3	2,0	233,77	460,34
2434	1,160	24,18	697,25	2,08	2,3	1,9	233,87	463,38
2435	1,151	22,35	702,73	1,94	2,3	1,9	233,97	468,76
2436	1,129	19,22	725,44	1,70	2,2	1,9	234,07	491,37
2437	1,129	19,22	725,44	1,70	2,2	1,9	234,16	491,28
2438	1,120	16,69	748,88	1,49	2,3	1,9	234,26	514,62
2439	1,120	15,60	755,61	1,39	2,3	1,9	234,36	521,25
2440	1,112	15,15	766,21	1,36	2,3	1,9	234,46	531,75
2441	1,112	15,15	766,21	1,36	2,3	1,9	234,56	531,65
2442	1,107	12,90	778,95	1,17	2,3	1,9	234,66	544,29
2443	1,107	12,11	784,97	1,09	2,2	1,9	234,75	550,22
2444	1,112	10,86	800,86	0,98	2,3	1,9	234,85	566,01
2445	1,112	10,86	800,86	0,98	2,3	1,9	234,95	565,91
2446	1,125	10,36	815,23	0,92	2,2	1,9	235,05	580,18
2447	1,133	10,07	827,44	0,89	2,3	1,9	235,15	592,29
2448	1,155	9,74	844,05	0,84	2,3	1,9	235,24	608,81
2449	1,155	9,74	844,05	0,84	2,3	1,9	235,34	608,71
2450	1,177	9,70	864,16	0,82	2,2	1,9	235,44	628,72
2451	1,195	9,65	875,56	0,81	2,2	1,9	235,54	640,02
2452	1,243	9,78	901,87	0,79	2,2	1,9	235,64	666,23
2453	1,243	9,78	901,87	0,79	2,2	1,9	235,73	666,14
2454	1,274	9,95	914,80	0,78	2,3	2,0	235,83	678,97
2455	1,335	10,24	948,64	0,77	2,2	2,0	235,93	712,71
2456	1,361	10,24	961,66	0,75	2,2	2,0	236,03	725,63
2457	1,400	11,28	978,72	0,81	2,2	1,9	236,13	742,59
2458	1,400	11,28	978,72	0,81	2,2	1,9	236,22	742,50
2459	1,431	11,69	1000,45	0,82	2,2	1,9	236,32	764,13
2460	1,453	12,03	1002,51	0,83	2,3	1,9	236,42	766,09
2461	1,479	12,82	1006,73	0,87	2,2	1,9	236,52	770,21
2462	1,479	12,82	1006,73	0,87	2,2	1,9	236,62	770,11
2463	1,514	14,06	1012,48	0,93	2,2	1,9	236,72	775,76
2464	1,532	14,44	1025,32	0,94	2,2	1,9	236,81	788,51
2465	1,575	15,90	1029,27	1,01	2,2	1,9	236,91	792,36
2466	1,575	15,90	1029,27	1,01	2,2	1,9	237,01	792,26
2467	1,589	17,02	1037,89	1,07	2,2	1,9	237,11	800,78
2468	1,597	17,56	1040,76	1,10	2,2	1,9	237,21	803,55
2469	1,624	18,18	1029,72	1,12	2,2	1,9	237,30	792,42
2470	1,624	18,18	1029,72	1,12	2,2	1,9	237,40	792,32

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2471	1,632	20,06	1038,70	1,23	2,2	1,9	237,50	801,20
2472	1,650	20,35	1047,50	1,23	2,2	2,0	237,60	809,90
2473	1,663	21,47	1054,23	1,29	2,2	1,9	237,70	816,53
2474	1,663	21,47	1054,23	1,29	2,2	1,9	237,79	816,44
2475	1,663	22,14	1039,15	1,33	2,2	2,0	237,89	801,26
2476	1,672	22,39	1042,11	1,34	2,2	1,9	237,99	804,12
2477	1,707	22,76	1073,35	1,33	2,2	1,9	238,09	835,26
2478	1,707	22,76	1073,35	1,33	2,2	1,9	238,19	835,16
2479	1,746	23,51	1079,28	1,35	2,2	1,9	238,28	841,00
2480	1,759	27,63	1114,20	1,57	2,2	2,0	238,38	875,82
2481	1,790	27,26	1134,94	1,52	2,2	1,9	238,48	896,46
2482	1,873	26,46	1154,43	1,41	2,2	1,9	238,58	915,85
2483	1,873	26,46	1154,43	1,41	2,2	1,9	238,68	915,75
2484	1,965	27,46	1152,81	1,40	2,2	1,9	238,78	914,03
2485	2,000	28,67	1139,52	1,43	2,2	1,9	238,87	900,65
2486	2,004	33,33	1135,57	1,66	2,2	1,9	238,97	896,60
2487	2,004	33,33	1135,57	1,66	2,2	1,9	239,07	896,50
2488	2,013	38,32	1139,70	1,90	2,2	1,9	239,17	900,53
2489	2,022	41,78	1124,71	2,07	2,2	1,9	239,27	885,44
2490	2,031	50,35	1105,49	2,48	2,2	1,9	239,36	866,13
2491	2,031	50,35	1105,49	2,48	2,2	1,9	239,46	866,03
2492	2,079	58,51	1077,30	2,81	2,2	1,9	239,56	837,74
2493	2,088	63,87	1068,06	3,06	2,2	1,9	239,66	828,40
2494	2,136	72,65	1073,89	3,40	2,2	2,0	239,76	834,13
2495	2,136	72,65	1073,89	3,40	2,2	2,0	239,85	834,04
2496	2,210	80,89	1091,85	3,66	2,2	2,0	239,95	851,90
2497	2,223	85,09	1081,16	3,83	2,2	2,0	240,05	841,11
2498	2,267	95,75	1081,43	4,22	2,2	1,9	240,15	841,28
2499	2,267	95,75	1081,43	4,22	2,2	1,9	240,25	841,18
2500	2,315	98,24	1086,46	4,24	2,1	2,0	240,35	846,11
2501	2,368	99,66	1089,24	4,21	2,2	1,9	240,44	848,80
2502	2,425	101,28	1092,30	4,18	2,2	1,9	240,54	851,76
2503	2,473	104,24	1070,12	4,22	2,2	1,9	240,64	829,48
2504	2,481	106,61	1062,85	4,30	2,1	1,9	240,74	822,11
2505	2,442	112,43	1040,31	4,60	2,1	1,9	240,84	799,47
2506	2,442	112,43	1040,31	4,60	2,1	1,9	240,93	799,38
2507	2,455	113,06	1016,07	4,61	2,1	1,9	241,03	775,04
2508	2,477	112,60	994,16	4,55	2,2	2,0	241,13	753,03
2509	2,433	117,14	968,13	4,81	2,1	1,9	241,23	726,90
2510	2,433	117,14	968,13	4,81	2,1	1,9	241,33	726,80
2511	2,416	121,25	939,40	5,02	2,1	1,9	241,42	697,98
2512	2,398	123,63	928,17	5,16	2,2	1,9	241,52	686,65
2513	2,381	129,24	913,00	5,43	2,2	1,9	241,62	671,38
2514	2,381	129,24	913,00	5,43	2,2	1,9	241,72	671,28
2515	2,341	134,11	915,87	5,73	2,2	1,9	241,82	674,05
2516	2,359	134,28	925,39	5,69	2,1	1,9	241,91	683,48
2517	2,376	135,74	942,99	5,71	2,2	1,9	242,01	700,98
2518	2,376	135,74	942,99	5,71	2,2	1,9	242,11	700,88
2519	2,394	134,82	970,55	5,63	2,1	1,9	242,21	728,34
2520	2,394	134,53	956,19	5,62	2,1	1,9	242,31	713,88
2521	2,368	136,32	922,43	5,76	2,2	1,9	242,41	680,02
2522	2,368	136,32	922,43	5,76	2,2	1,9	242,50	679,93
2523	2,293	137,65	911,38	6,00	2,2	1,9	242,60	668,78
2524	2,293	135,49	909,59	5,91	2,1	1,9	242,70	666,89
2525	2,328	131,24	901,33	5,64	2,1	1,9	242,80	658,53
2526	2,328	131,24	901,33	5,64	2,1	1,9	242,90	658,43
2527	2,311	130,24	876,82	5,64	2,1	1,9	242,99	633,83
2528	2,284	129,62	865,51	5,68	2,1	1,9	243,09	622,42
2529	2,201	129,62	849,52	5,89	2,1	1,9	243,19	606,33
2530	2,201	129,62	849,52	5,89	2,1	1,9	243,29	606,23
2531	2,131	128,91	812,80	6,05	2,2	1,9	243,39	569,41
2532	2,101	128,25	798,89	6,10	2,2	1,9	243,48	555,41
2533	2,022	126,75	761,00	6,27	2,1	1,9	243,58	517,42
2534	2,022	126,75	761,00	6,27	2,1	1,9	243,68	517,32
2535	1,974	125,58	719,34	6,36	2,1	1,9	243,78	475,56

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2536	1,912	125,50	696,09	6,56	2,2	1,9	243,88	452,21
2537	1,825	122,63	688,27	6,72	2,1	1,9	243,97	444,30
2538	1,825	122,63	688,27	6,72	2,1	1,9	244,07	444,20
2539	1,794	119,76	710,54	6,68	2,2	1,9	244,17	466,37
2540	1,777	118,47	708,30	6,67	2,1	1,9	244,27	464,03
2541	1,729	114,76	693,48	6,64	2,1	1,9	244,37	449,11
2542	1,729	114,76	693,48	6,64	2,1	1,9	244,47	449,01
2543	1,698	107,40	687,74	6,33	2,1	1,9	244,56	443,18
2544	1,681	103,61	685,76	6,16	2,1	1,9	244,66	441,10
2545	1,641	96,37	687,83	5,87	2,1	1,9	244,76	443,07
2546	1,641	96,37	687,83	5,87	2,1	1,9	244,86	442,97
2547	1,650	86,80	699,86	5,26	2,1	1,9	244,96	454,90
2548	1,632	83,56	707,85	5,12	2,1	2,0	245,05	462,80
2549	1,637	76,73	716,38	4,69	2,2	1,9	245,15	471,23
2550	1,637	76,73	716,38	4,69	2,2	1,9	245,25	471,13
2551	1,624	72,03	736,40	4,44	2,1	1,9	245,35	491,05
2552	1,641	69,70	749,78	4,25	2,1	1,9	245,45	504,33
2553	1,676	67,08	773,03	4,00	2,2	1,9	245,54	527,49
2554	1,676	67,08	773,03	4,00	2,2	1,9	245,64	527,39
2555	1,707	65,54	776,26	3,84	2,2	1,9	245,74	530,52
2556	1,720	65,08	787,75	3,78	2,1	2,0	245,84	541,91
2557	1,759	63,91	811,55	3,63	2,1	1,9	245,94	565,61
2558	1,759	63,91	811,55	3,63	2,1	1,9	246,03	565,52
2559	1,803	63,42	832,20	3,52	2,1	1,9	246,13	586,07
2560	1,821	63,21	845,04	3,47	2,1	1,9	246,23	598,81
2561	1,851	63,75	853,65	3,44	2,2	1,9	246,33	607,32
2562	1,851	63,75	853,65	3,44	2,2	1,9	246,43	607,22
2563	1,886	66,25	870,89	3,51	2,1	1,9	246,53	624,36
2564	1,904	67,45	880,59	3,54	2,1	1,9	246,62	633,97
2565	1,947	68,58	884,72	3,52	2,1	1,9	246,72	638,00
2566	1,947	68,58	884,72	3,52	2,1	1,9	246,82	637,90
2567	1,991	70,66	898,19	3,55	2,1	1,9	246,92	651,27
2568	2,000	72,36	901,96	3,62	2,1	1,9	247,02	654,94
2569	2,018	74,40	907,16	3,69	2,1	1,9	247,11	660,05
2570	2,018	74,40	907,16	3,69	2,1	1,9	247,21	659,95
2571	2,004	75,86	920,99	3,79	2,1	1,9	247,31	673,68
2572	2,013	76,11	929,34	3,78	2,1	1,9	247,41	681,93
2573	2,070	74,94	954,66	3,62	2,1	1,9	247,51	707,15
2574	2,070	74,94	954,66	3,62	2,1	1,9	247,60	707,06
2575	2,158	74,28	967,14	3,44	2,1	2,0	247,70	719,44
2576	2,206	74,65	968,67	3,38	2,1	1,9	247,80	720,87
2577	2,249	77,85	974,32	3,46	2,1	1,9	247,90	726,42
2578	2,249	77,85	974,32	3,46	2,1	1,9	248,00	726,32
2579	2,315	82,06	992,37	3,54	2,1	1,9	248,09	744,28
2580	2,346	84,76	999,82	3,61	2,1	1,9	248,19	751,63
2581	2,372	88,13	1007,90	3,72	2,1	1,9	248,29	759,61
2582	2,372	88,13	1007,90	3,72	2,1	1,9	248,39	759,51
2583	2,407	91,21	1012,03	3,79	2,1	1,9	248,49	763,54
2584	2,455	92,29	999,01	3,76	2,1	1,9	248,59	750,42
2585	2,473	103,03	979,53	4,17	2,1	1,9	248,68	730,85
2586	2,473	103,03	979,53	4,17	2,1	1,9	248,78	730,75
2587	2,486	106,52	976,75	4,28	2,1	1,9	248,88	727,87
2588	2,503	109,44	960,85	4,37	2,1	1,9	248,98	711,87
2589	2,503	113,18	950,26	4,52	2,1	1,9	249,08	701,18
2590	2,516	119,72	976,48	4,76	2,1	1,9	249,17	727,31
2591	2,551	120,01	990,93	4,70	2,1	1,9	249,27	741,66
2592	2,635	118,34	985,54	4,49	2,1	1,9	249,37	736,17
2593	2,635	118,34	985,54	4,49	2,1	1,9	249,47	736,07
2594	2,643	122,38	953,31	4,63	2,1	1,9	249,57	703,74
2595	2,621	124,92	932,03	4,77	2,1	1,9	249,66	682,37
2596	2,586	132,20	913,36	5,11	2,1	1,9	249,76	663,60
2597	2,586	132,20	913,36	5,11	2,1	1,9	249,86	663,50
2598	2,481	140,65	919,38	5,67	2,1	1,9	249,96	669,42
2599	2,481	140,65	919,38	5,67	2,1	1,9	250,06	669,32
2600	2,460	143,48	914,44	5,83	2,1	1,9	250,16	664,28

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2601	2,464	145,26	919,38	5,90	2,0	1,9	250,25	669,13
2602	2,473	145,72	921,71	5,89	2,0	1,8	250,35	671,36
2603	2,490	147,39	901,96	5,92	2,1	1,9	250,45	651,51
2604	2,490	147,39	901,96	5,92	2,1	1,9	250,55	651,41
2605	2,499	151,51	887,41	6,06	2,1	1,9	250,65	636,76
2606	2,508	152,80	884,81	6,09	2,1	1,9	250,74	634,07
2607	2,521	153,09	886,34	6,07	2,1	1,9	250,84	635,50
2608	2,521	153,09	886,34	6,07	2,1	1,9	250,94	635,40
2609	2,582	151,92	896,39	5,88	2,1	1,9	251,04	645,35
2610	2,604	152,09	887,86	5,84	2,1	1,9	251,14	636,72
2611	2,530	154,84	898,46	6,12	2,1	1,9	251,23	647,23
2612	2,530	154,84	898,46	6,12	2,1	1,9	251,33	647,13
2613	2,464	152,92	923,86	6,21	2,0	1,9	251,43	672,43
2614	2,516	146,80	925,12	5,83	2,0	1,9	251,53	673,59
2615	2,582	143,73	883,82	5,57	2,1	1,9	251,63	632,19
2616	2,582	143,73	883,82	5,57	2,1	1,9	251,72	632,10
2617	2,560	145,18	873,95	5,67	2,1	1,9	251,82	622,13
2618	2,547	146,26	863,35	5,74	2,1	1,9	251,92	611,43
2619	2,521	146,89	846,74	5,83	2,1	1,9	252,02	594,72
2620	2,455	146,30	803,02	5,96	2,1	1,9	252,12	550,90
2621	2,407	146,47	787,84	6,09	2,1	1,9	252,22	535,62
2622	2,324	149,05	786,05	6,41	2,1	1,9	252,31	533,74
2623	2,324	149,05	786,05	6,41	2,1	1,9	252,41	533,64
2624	2,324	148,18	793,86	6,38	2,1	1,9	252,51	541,35
2625	2,319	148,47	784,61	6,40	2,1	1,9	252,61	532,00
2626	2,254	149,93	765,40	6,65	2,1	1,9	252,71	512,69
2627	2,254	149,93	765,40	6,65	2,1	1,9	252,80	512,60
2628	2,241	151,84	755,61	6,78	2,1	1,9	252,90	502,71
2629	2,228	152,17	751,57	6,83	2,1	1,9	253,00	498,57
2630	2,171	151,09	749,51	6,96	2,1	1,9	253,10	496,41
2631	2,171	151,09	749,51	6,96	2,1	1,9	253,20	496,31
2632	2,123	146,85	734,24	6,92	2,1	1,9	253,29	480,95
2633	2,127	141,44	727,42	6,65	2,1	2,0	253,39	474,03
2634	2,114	133,78	704,79	6,33	2,1	1,9	253,49	451,30
2635	2,114	133,78	704,79	6,33	2,1	1,9	253,59	451,20
2636	2,074	129,33	688,72	6,24	2,1	1,9	253,69	435,03
2637	2,066	127,70	687,11	6,18	2,0	1,9	253,78	433,33
2638	2,026	127,58	701,56	6,30	2,1	1,9	253,88	447,68
2639	2,026	127,58	701,56	6,30	2,1	1,9	253,98	447,58
2640	2,013	126,41	699,86	6,28	2,1	1,9	254,08	445,78
2641	1,996	125,12	703,63	6,27	2,1	1,9	254,18	449,45
2642	1,982	123,63	704,70	6,24	2,1	1,9	254,28	450,42
2643	1,996	117,84	704,88	5,90	2,1	1,8	254,37	450,51
2644	2,013	115,51	702,64	5,74	2,1	1,9	254,47	448,17
2645	2,061	112,27	719,34	5,45	2,1	1,9	254,57	464,77
2646	2,061	112,27	719,34	5,45	2,1	1,9	254,67	464,67
2647	2,079	112,89	739,09	5,43	2,1	1,9	254,77	484,32
2648	2,101	111,60	746,72	5,31	2,1	2,0	254,86	491,86
2649	2,127	108,56	756,42	5,10	2,2	1,9	254,96	501,46
2650	2,127	108,56	756,42	5,10	2,2	1,9	255,06	501,36
2651	2,149	106,32	756,78	4,95	2,2	1,9	255,16	501,62
2652	2,158	105,61	766,74	4,89	2,0	1,9	255,26	511,48
2653	2,184	106,90	784,25	4,89	2,2	1,9	255,35	528,90
2654	2,184	106,90	784,25	4,89	2,2	1,9	255,45	528,80
2655	2,228	106,27	780,66	4,77	2,1	1,9	255,55	525,11
2656	2,228	107,73	785,78	4,84	2,0	1,9	255,65	530,13
2657	2,228	110,56	802,12	4,96	2,1	1,9	255,75	546,37
2658	2,228	110,56	802,12	4,96	2,1	1,9	255,84	546,28
2659	2,210	113,27	815,95	5,13	2,2	1,9	255,94	560,01
2660	2,214	113,89	827,53	5,14	2,2	1,8	256,04	571,49
2661	2,284	114,85	821,78	5,03	2,1	1,9	256,14	565,64
2662	2,284	114,85	821,78	5,03	2,1	1,9	256,24	565,54
2663	2,280	117,05	810,47	5,13	2,2	1,9	256,34	554,13
2664	2,284	120,05	804,81	5,26	2,1	1,9	256,43	548,38
2665	2,284	121,88	804,36	5,34	2,1	1,9	256,53	547,83

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2666	2,289	122,34	793,50	5,34	2,1	1,9	256,63	536,87
2667	2,311	120,59	780,30	5,22	2,1	1,9	256,73	523,57
2668	2,263	120,63	747,71	5,33	2,1	1,9	256,83	490,88
2669	2,263	120,63	747,71	5,33	2,1	1,9	256,92	490,79
2670	2,228	121,96	742,95	5,47	2,1	1,9	257,02	485,93
2671	2,188	123,67	736,76	5,65	2,1	1,9	257,12	479,64
2672	2,153	125,04	723,11	5,81	2,1	1,9	257,22	465,89
2673	2,096	123,96	691,24	5,91	2,1	1,9	257,32	433,92
2674	2,070	122,34	662,96	5,91	2,1	1,9	257,41	405,55
2675	1,917	121,67	591,04	6,35	2,2	1,9	257,51	333,53
2676	1,917	121,67	591,04	6,35	2,2	1,9	257,61	333,43
2677	1,772	118,92	538,07	6,71	2,1	1,9	257,71	280,36
2678	1,729	117,55	521,73	6,80	2,1	1,9	257,81	263,92
2679	1,672	114,51	512,30	6,85	2,1	1,9	257,90	254,40
2680	1,672	114,51	512,30	6,85	2,1	1,9	258,00	254,30
2681	1,589	114,81	509,61	7,23	2,1	1,9	258,10	251,51
2682	1,558	113,52	519,57	7,29	2,1	1,9	258,20	261,37
2683	1,540	109,90	563,84	7,14	2,1	1,8	258,30	305,54
2684	1,540	109,90	563,84	7,14	2,1	1,8	258,40	305,44
2685	1,611	102,32	654,88	6,35	2,1	1,9	258,49	396,39
2686	1,681	97,41	682,89	5,79	2,1	1,9	258,59	424,30
2687	1,982	80,77	818,82	4,08	2,1	1,9	258,69	560,13
2688	1,982	80,77	818,82	4,08	2,1	1,9	258,79	560,03
2689	2,092	76,69	862,18	3,67	2,1	1,9	258,89	603,29
2690	2,188	73,36	897,74	3,35	2,1	1,9	258,98	638,76
2691	2,258	70,78	914,89	3,13	2,1	1,9	259,08	655,81
2692	2,324	66,04	935,63	2,84	2,1	1,8	259,18	676,45
2693	2,333	64,91	940,38	2,78	2,1	1,9	259,28	681,10
2694	2,385	64,54	938,68	2,71	2,1	1,9	259,38	679,30
2695	2,385	64,54	938,68	2,71	2,1	1,9	259,47	679,21
2696	2,425	66,41	919,64	2,74	2,1	1,9	259,57	660,07
2697	2,407	69,57	896,84	2,89	2,1	1,9	259,67	637,17
2698	2,096	90,34	833,27	4,31	2,0	1,9	259,77	573,50
2699	2,096	90,34	833,27	4,31	2,0	1,9	259,87	573,40
2700	2,053	93,38	811,64	4,55	2,1	1,9	259,97	551,67
2701	1,956	100,32	794,58	5,13	2,1	1,9	260,06	534,52
2702	1,921	103,70	804,00	5,40	2,1	1,9	260,16	543,84
2703	1,877	109,23	825,55	5,82	2,1	1,9	260,26	565,29
2704	1,877	109,23	825,55	5,82	2,1	1,9	260,36	565,19
2705	1,856	110,02	838,66	5,93	2,1	1,9	260,46	578,20
2706	1,847	109,06	851,23	5,90	2,1	1,9	260,55	590,68
2707	1,873	105,86	862,45	5,65	2,1	1,9	260,65	601,80
2708	1,926	100,70	892,35	5,23	2,1	1,9	260,75	631,60
2709	1,961	97,41	918,39	4,97	2,1	1,9	260,85	657,54
2710	2,035	90,21	977,02	4,43	2,1	1,8	260,95	716,07
2711	2,035	90,21	977,02	4,43	2,1	1,8	261,04	715,98
2712	2,118	83,72	1037,17	3,95	2,1	1,9	261,14	776,03
2713	2,175	81,23	1058,54	3,73	2,1	1,9	261,24	797,30
2714	2,280	75,65	1144,82	3,32	2,0	1,9	261,34	883,48
2715	2,280	75,65	1144,82	3,32	2,0	1,9	261,44	883,38
2716	2,337	72,40	1160,53	3,10	2,1	1,9	261,53	899,00
2717	2,385	68,82	1161,88	2,89	2,1	1,9	261,63	900,25
2718	2,398	65,83	1157,84	2,75	2,1	1,9	261,73	896,11
2719	2,429	63,62	1149,13	2,62	2,1	1,9	261,83	887,30
2720	2,438	64,46	1138,44	2,64	2,1	1,9	261,93	876,51
2721	2,407	67,33	1101,99	2,80	2,1	1,9	262,03	839,96
2722	2,407	67,33	1101,99	2,80	2,1	1,9	262,12	839,87
2723	2,346	75,40	1063,66	3,21	2,1	1,9	262,22	801,44
2724	2,311	79,35	1036,81	3,43	2,1	1,9	262,32	774,49
2725	2,258	89,26	1040,76	3,95	2,1	1,9	262,42	778,34
2726	2,258	89,26	1040,76	3,95	2,1	1,9	262,52	778,24
2727	2,236	95,04	1035,02	4,25	2,1	1,9	262,61	772,41
2728	2,223	97,29	1037,17	4,38	2,1	1,9	262,71	774,46
2729	2,254	98,16	1037,53	4,35	2,1	1,9	262,81	774,72
2730	2,254	98,16	1037,53	4,35	2,1	1,9	262,91	774,62

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU2-SOVRAP. 140	
Locality: campogalliano		Date: 13/02/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 50	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2731	2,249	99,83	1041,39	4,44	2,1	1,9	263,01	778,38
2732	2,258	100,95	1049,47	4,47	2,1	2,0	263,10	786,37
2733	2,276	100,91	1049,02	4,43	2,1	1,9	263,20	785,82
2734	2,302	101,24	1069,22	4,40	2,1	1,9	263,30	805,92
2735	2,315	101,45	1078,74	4,38	2,1	1,9	263,40	815,34
2736	2,311	100,62	1059,08	4,35	2,1	1,9	263,50	795,58
2737	2,311	100,62	1059,08	4,35	2,1	1,9	263,59	795,49
2738	2,232	100,03	1041,39	4,48	2,1	1,9	263,69	777,70
2739	2,197	99,45	1037,35	4,53	2,1	1,9	263,79	773,56
2740	2,166	96,37	1010,41	4,45	2,1	1,9	263,89	746,52
2741	2,166	96,37	1010,41	4,45	2,1	1,9	263,99	746,42
2742	2,166	96,87	1011,04	4,47	2,1	1,9	264,09	746,95
2743	2,179	97,29	1000,54	4,46	2,1	1,8	264,18	736,36
2744	2,184	97,20	989,32	4,45	2,1	1,9	264,28	725,04
2745	2,179	99,16	958,34	4,55	2,1	1,9	264,38	693,96
2746	2,158	100,78	942,18	4,67	2,1	1,9	264,48	677,70
2747	2,153	105,61	942,09	4,91	2,1	1,9	264,58	677,51
2748	2,153	105,61	942,09	4,91	2,1	1,9	264,67	677,42
2749	2,144	108,48	953,67	5,06	2,1	1,9	264,77	688,90
2750	2,123	109,35	956,63	5,15	2,1	1,9	264,87	691,76
2751	2,140	108,11	967,95	5,05	2,2	1,9	264,97	702,98
2752	2,140	108,11	967,95	5,05	2,2	1,9	265,07	702,88
2753	2,158	103,90	968,85	4,81	2,1	1,9	265,16	703,69
2754	2,162	102,53	977,37	4,74	2,1	1,9	265,26	712,11
2755	2,197	103,32	966,87	4,70	2,1	1,9	265,36	701,51
2756	2,197	103,32	966,87	4,70	2,1	1,9	265,46	701,41
2757	2,179	104,49	963,55	4,80	2,1	1,9	265,56	697,99
2758	2,158	103,70	965,25	4,81	2,2	1,8	265,65	699,60
2759	2,166	102,32	972,44	4,72	2,1	1,9	265,75	706,69
2760	2,197	98,83	986,80	4,50	2,1	1,8	265,85	720,95
2761	2,223	97,37	988,06	4,38	2,1	1,9	265,95	722,11
2762	2,223	96,45	961,21	4,34	2,2	1,9	266,05	695,16
2763	2,223	96,45	961,21	4,34	2,2	1,9	266,15	695,06
2764	2,206	96,37	951,43	4,37	2,1	1,9	266,24	685,19
2765	2,184	95,87	949,90	4,39	2,1	1,8	266,34	683,56
2766	2,175	95,50	951,79	4,39	2,2	1,8	266,44	685,35
2767	2,179	94,12	960,14	4,32	2,1	1,8	266,54	693,60
2768	2,175	93,75	964,81	4,31	2,2	1,9	266,64	698,17
2769	2,144	92,63	960,76	4,32	2,2	1,9	266,73	694,03
2770	2,144	92,63	960,76	4,32	2,2	1,9	266,83	693,93
2771	2,105	92,92	954,57	4,41	2,3	1,9	266,93	687,64
2772	2,088	92,21	951,43	4,42	2,1	1,8	267,03	684,40
2773	2,088	90,88	946,31	4,35	2,1	1,9	267,13	679,18
2774	2,083	88,42	919,64	4,24	2,1	1,9	267,22	652,42
2775	2,070	87,55	907,16	4,23	2,1	1,9	267,32	639,84
2776	2,004	86,59	875,11	4,32	2,1	1,9	267,42	607,69
2777	2,004	86,59	875,11	4,32	2,1	1,9	267,52	607,59
2778	2,009	85,84	868,20	4,27	2,2	1,9	267,62	600,58
2779	2,009	85,72	870,80	4,27	2,1	1,9	267,71	603,09
2780	1,978	87,97	858,23	4,45	2,3	1,9	267,81	590,42
2781	1,978	87,97	858,23	4,45	2,3	1,9	267,91	590,32
2782	1,952	90,96	852,49	4,66	2,2	1,9	268,01	584,48
2783	1,939	92,67	857,60	4,78	2,3	1,8	268,11	589,49
2784	1,969	92,75	884,00	4,71	2,2	1,8	268,21	615,79
2785	1,969	92,75	884,00	4,71	2,2	1,8	268,30	615,70
2786	1,987	91,46	888,94	4,60	2,2	1,8	268,40	620,54
2787	1,987	91,38	895,94	4,60	2,2	1,9	268,50	627,44
2788	2,039	89,05	921,26	4,37	2,2	1,9	268,60	652,66
2789	2,066	87,97	929,34	4,26	2,3	1,9	268,70	660,64
2790	2,131	86,22	945,59	4,05	2,2	1,8	268,79	676,80
2791	2,131	86,22	945,59	4,05	2,2	1,8	268,89	676,70
2792	2,206	84,89	957,35	3,85	2,2	1,9	268,99	688,36
2793	2,249	84,85	957,26	3,77	2,2	1,9	269,09	688,17
2794	2,315	88,01	949,36	3,80	2,3	1,9	269,19	680,17
2795	2,315	88,01	949,36	3,80	2,3	1,9	269,28	680,08

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118 Locality: campogalliano		Test Location: CPTU2-SOVRAP. 140 Date: 13/02/2015	
		Abs. quota [cm]: 0 Prehole [cm]: 0 Hydrostatic Line [cm]: 50	

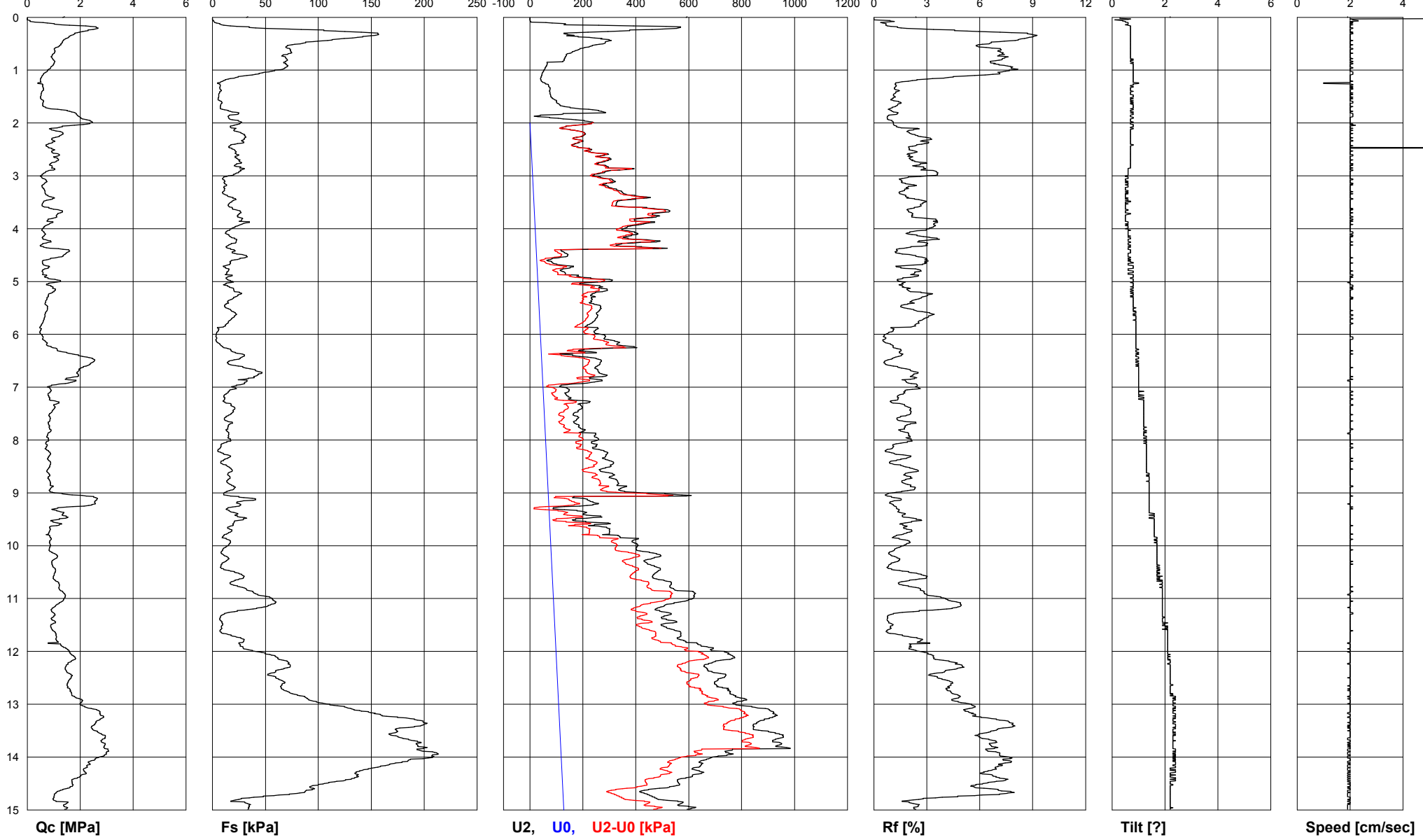
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<b>Depth</b> [cm]	<b>Qc</b> [MPa]	<b>Fs</b> [kPa]	<b>U2</b> [kPa]	<b>Rf</b> [%]	<b>Tilt</b> [?]	<b>Speed</b> [cm/sec]	<b>U0</b> [kPa]	<b>U2-U0</b> [kPa]
2796	2,337	90,30	952,50	3,86	2,2	1,9	269,38	683,12

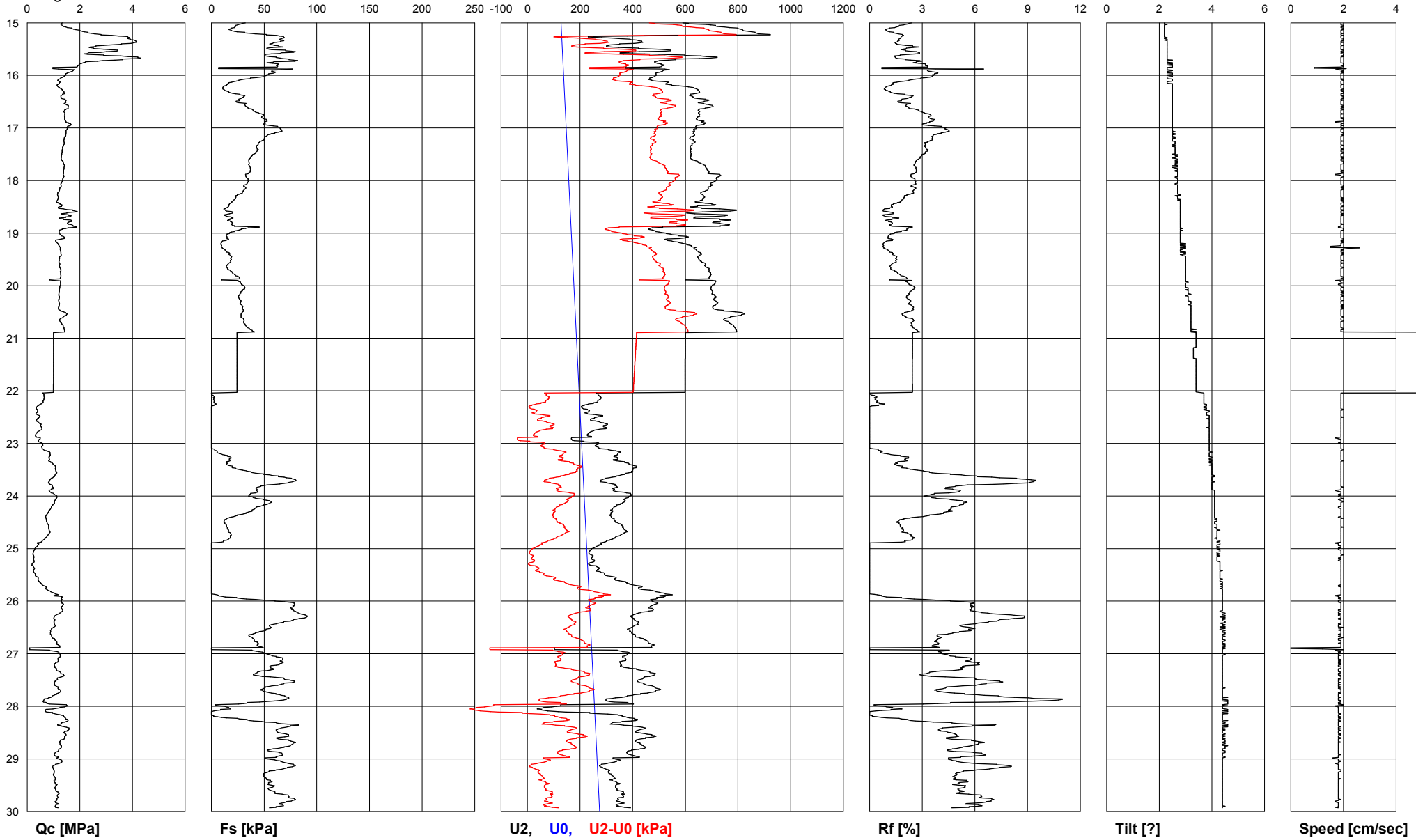
# MO-CPTU16

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118	Test Location: CPTU1-SOVRAP. 140	Abs. quota [cm]: 0	
Locality: campogalliano	Date: 28/01/2015	Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118 Locality: campogalliano		Test Location: CPTU1-SOVRAP. 140 Date: 28/01/2015	
		Abs. quota [cm]: 0 Prehole [cm]: 0 Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1	0,000	0,00	0,00	0,00	0,3	9,3		
2	0,000	0,00	0,00	0,00	0,3	9,3		
3	0,000	0,00	0,00	0,00	0,7	2,0		
4	0,000	0,00	0,00	0,00	0,6	2,1		
5	0,000	0,00	0,00	0,00	0,1	2,1		
6	0,101	0,92	0,81	0,91	0,4	2,3		
7	0,101	0,92	0,81	0,91	0,4	2,3		
8	0,105	1,21	2,24	1,15	0,5	2,0		
9	0,293	1,91	2,15	0,65	0,5	2,1		
10	0,595	2,29	59,89	0,38	0,6	2,0		
11	0,757	3,83	83,77	0,51	0,6	2,1		
12	1,020	7,03	133,51	0,69	0,6	2,0		
13	1,020	7,03	133,51	0,69	0,6	2,0		
14	1,282	8,66	128,66	0,68	0,5	2,1		
15	1,597	10,69	260,28	0,67	0,6	2,0		
16	2,214	16,81	390,91	0,76	0,7	2,0		
17	2,376	22,93	514,10	0,97	0,7	2,0		
18	2,600	34,62	569,13	1,33	0,7	2,0		
19	2,600	34,62	569,13	1,33	0,7	2,0		
20	2,665	40,90	559,62	1,53	0,7	2,1		
21	2,665	49,48	553,51	1,86	0,7	2,1		
22	2,556	72,40	500,54	2,83	0,7	2,0		
23	2,481	83,72	461,48	3,37	0,7	2,0		
24	2,298	105,15	376,37	4,58	0,7	2,0		
25	2,298	105,15	376,37	4,58	0,7	2,0		
26	2,197	116,10	338,84	5,28	0,7	2,0		
27	2,096	125,00	294,67	5,96	0,7	2,0		
28	1,965	140,60	219,25	7,16	0,7	2,1		
29	1,899	148,18	175,79	7,80	0,7	2,0		
30	1,794	156,17	128,12	8,71	0,7	2,1		
31	1,794	156,17	128,12	8,71	0,7	2,1		
32	1,759	156,71	140,78	8,91	0,7	2,0		
33	1,742	156,83	144,10	9,00	0,7	2,0		
34	1,663	153,84	166,91	9,25	0,7	2,0		
35	1,628	149,51	138,80	9,18	0,7	2,0		
36	1,575	142,02	181,99	9,02	0,7	2,0		
37	1,575	142,02	181,99	9,02	0,7	2,0		
38	1,558	137,07	223,47	8,80	0,7	2,0		
39	1,527	132,28	244,84	8,66	0,7	2,0		
40	1,457	124,38	271,77	8,54	0,7	2,0		
41	1,440	119,76	267,28	8,32	0,7	2,0		
42	1,379	112,89	299,43	8,19	0,7	2,0		
43	1,379	112,89	299,43	8,19	0,7	2,0		
44	1,357	108,65	307,06	8,01	0,7	2,1		
45	1,344	99,33	294,13	7,39	0,7	2,0		
46	1,335	95,41	285,87	7,15	0,7	2,0		
47	1,322	87,92	284,79	6,65	0,7	2,0		
48	1,322	87,92	284,79	6,65	0,7	2,0		
49	1,300	85,55	283,26	6,58	0,7	2,0		
50	1,269	82,81	275,72	6,53	0,7	2,0		
51	1,265	77,77	261,18	6,15	0,7	2,0		
52	1,269	75,07	249,69	5,92	0,7	2,1		
53	1,225	70,95	235,50	5,79	0,7	2,0		
54	1,225	70,95	235,50	5,79	0,7	2,0		
55	1,195	70,07	227,87	5,86	0,7	2,0		
56	1,160	69,12	222,75	5,96	0,7	2,0		
57	1,090	69,41	207,13	6,37	0,7	2,0		
58	1,055	70,66	200,40	6,70	0,7	2,0		
59	1,020	73,07	188,54	7,16	0,7	2,1		
60	1,020	73,07	188,54	7,16	0,7	2,1		
61	1,020	73,61	183,34	7,22	0,7	2,0		
62	1,024	73,78	179,57	7,21	0,7	2,0		
63	1,042	73,36	172,29	7,04	0,7	2,0		
64	1,050	73,78	167,71	7,03	0,7	2,0		
65	1,037	74,28	160,26	7,16	0,7	2,0		

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
66	1,037	74,28	160,26	7,16	0,7	2,0		
67	1,024	75,02	156,58	7,33	0,7	2,0		
68	1,015	73,74	152,00	7,27	0,7	2,1		
69	0,985	71,57	141,41	7,27	0,7	2,0		
70	0,958	70,82	137,10	7,39	0,7	2,0		
71	0,937	66,70	137,91	7,12	0,7	2,0		
72	0,937	66,70	137,91	7,12	0,7	2,0		
73	0,932	65,37	136,74	7,01	0,7	2,0		
74	0,906	67,20	134,67	7,42	0,7	2,0		
75	0,902	68,62	134,58	7,61	0,7	2,0		
76	0,932	69,20	132,43	7,42	0,7	2,0		
77	0,932	69,20	132,43	7,42	0,7	2,0		
78	0,954	69,53	130,90	7,29	0,7	2,1		
79	0,963	70,16	129,02	7,29	0,8	2,0		
80	0,972	70,57	129,74	7,26	0,7	2,0		
81	0,998	70,74	128,66	7,09	0,8	2,0		
82	1,015	70,11	128,39	6,91	0,7	2,0		
83	1,046	68,99	123,63	6,60	0,7	2,1		
84	1,046	68,99	123,63	6,60	0,7	2,1		
85	1,015	67,24	64,28	6,62	0,8	2,0		
86	1,015	67,24	64,28	6,62	0,8	2,0		
87	1,007	69,20	64,73	6,87	0,7	2,1		
88	1,011	68,66	64,64	6,79	0,8	2,1		
89	0,989	70,07	64,02	7,08	0,8	2,0		
90	0,989	70,07	64,02	7,08	0,8	2,0		
91	0,963	71,11	62,85	7,38	0,8	2,0		
92	0,941	71,36	62,31	7,58	0,8	2,0		
93	0,910	70,41	60,15	7,74	0,8	2,0		
94	0,893	70,20	59,80	7,86	0,8	2,0		
95	0,880	68,45	57,82	7,78	0,8	2,1		
96	0,880	68,45	57,82	7,78	0,8	2,1		
97	0,867	67,66	56,74	7,80	0,8	2,0		
98	0,814	66,41	55,40	8,16	0,8	2,0		
99	0,796	64,66	54,41	8,12	0,8	2,0		
100	0,766	58,75	51,98	7,67	0,8	2,0		
101	0,766	58,75	51,98	7,67	0,8	2,0		
102	0,753	56,18	51,00	7,46	0,8	2,0		
103	0,735	53,39	49,74	7,26	0,8	2,1		
104	0,691	48,60	47,94	7,03	0,8	2,1		
105	0,665	47,31	47,23	7,11	0,8	2,1		
106	0,617	44,07	46,06	7,14	0,8	2,1		
107	0,617	44,07	46,06	7,14	0,8	2,1		
108	0,604	40,70	45,34	6,74	0,8	2,1		
109	0,595	37,53	45,07	6,31	0,8	2,0		
110	0,569	32,50	44,26	5,71	0,8	2,0		
111	0,556	29,50	43,63	5,31	0,8	2,0		
112	0,538	24,22	42,29	4,50	0,8	2,0		
113	0,538	24,22	42,29	4,50	0,8	2,0		
114	0,530	22,30	41,39	4,21	0,8	2,0		
115	0,516	20,39	40,85	3,95	0,8	2,0		
116	0,499	16,64	40,04	3,33	0,8	2,0		
117	0,495	15,02	39,95	3,03	0,8	2,0		
118	0,490	11,94	40,94	2,44	0,8	2,0		
119	0,490	11,94	40,94	2,44	0,8	2,0		
120	0,490	10,65	42,02	2,17	0,8	2,0		
121	0,495	9,61	43,28	1,94	0,8	2,1		
122	0,508	8,11	46,33	1,60	0,8	2,0		
123	0,521	7,37	48,30	1,41	0,8	2,0		
124	0,398	4,91	56,74	1,23	1,0	1,0		
125	0,398	4,91	56,74	1,23	1,0	1,0		
126	0,565	6,74	59,89	1,19	0,8	2,0		
127	0,582	7,20	68,86	1,24	0,8	2,1		
128	0,586	7,16	69,67	1,22	0,8	2,1		
129	0,578	7,37	70,48	1,28	0,7	2,0		
130	0,578	7,37	70,48	1,28	0,7	2,0		

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
131	0,582	7,20	71,38	1,24	0,8	2,1		
132	0,586	7,03	72,54	1,20	0,8	2,0		
133	0,600	7,03	75,24	1,17	0,7	2,1		
134	0,604	6,99	76,14	1,16	0,7	2,0		
135	0,613	7,16	75,60	1,17	0,7	2,1		
136	0,613	7,16	75,60	1,17	0,7	2,1		
137	0,613	7,66	75,33	1,25	0,7	2,0		
138	0,613	8,45	74,88	1,38	0,7	2,0		
139	0,578	8,36	74,07	1,45	0,7	2,0		
140	0,556	7,53	73,80	1,35	0,8	2,0		
141	0,543	6,74	74,97	1,24	0,7	2,0		
142	0,543	6,74	74,97	1,24	0,7	2,0		
143	0,534	6,62	75,33	1,24	0,7	2,1		
144	0,525	6,28	75,24	1,20	0,7	2,0		
145	0,516	5,83	76,49	1,13	0,7	2,0		
146	0,521	5,78	77,21	1,11	0,7	2,1		
147	0,516	5,74	77,84	1,11	0,8	2,0		
148	0,516	5,74	77,84	1,11	0,8	2,0		
149	0,508	5,83	78,11	1,15	0,8	2,0		
150	0,499	5,95	79,55	1,19	0,8	2,0		
151	0,495	5,95	79,73	1,20	0,8	2,1		
152	0,499	5,45	83,41	1,09	0,7	2,0		
153	0,499	5,45	83,41	1,09	0,7	2,0		
154	0,512	5,37	86,82	1,05	0,8	2,1		
155	0,530	5,20	90,68	0,98	0,7	2,0		
156	0,556	5,28	94,09	0,95	0,7	2,0		
157	0,600	6,32	99,21	1,05	0,7	2,0		
158	0,613	6,91	100,20	1,13	0,8	2,0		
159	0,613	8,53	99,93	1,39	0,7	2,1		
160	0,613	8,53	99,93	1,39	0,7	2,1		
161	0,595	8,99	100,29	1,51	0,8	2,1		
162	0,586	9,11	101,36	1,55	0,7	2,1		
163	0,582	8,61	105,58	1,48	0,8	2,0		
164	0,586	8,07	108,28	1,38	0,7	2,0		
165	0,582	7,82	112,68	1,34	0,8	2,0		
166	0,582	7,82	112,68	1,34	0,8	2,0		
167	0,578	7,53	115,19	1,30	0,8	2,0		
168	0,600	7,37	124,71	1,23	0,8	2,0		
169	0,617	7,49	130,54	1,21	0,8	2,1		
170	0,700	7,32	151,37	1,05	0,8	2,0		
171	0,700	7,32	151,37	1,05	0,8	2,0		
172	0,775	7,45	168,61	0,96	0,8	2,0		
173	0,880	7,66	187,65	0,87	0,7	2,0		
174	1,142	9,24	221,67	0,81	0,8	2,0		
175	1,282	11,19	237,03	0,87	0,8	2,0		
176	1,510	14,73	259,47	0,98	0,7	2,0		
177	1,510	14,73	259,47	0,98	0,7	2,0		
178	1,602	16,73	269,89	1,04	0,7	2,1		
179	1,676	18,56	277,52	1,11	0,8	2,0		
180	1,772	23,43	285,78	1,32	0,8	2,0		
181	1,807	24,88	284,97	1,38	0,7	2,0		
182	1,851	24,47	125,25	1,32	0,8	2,1		
183	1,851	24,47	125,25	1,32	0,8	2,1		
184	1,864	23,43	118,60	1,26	0,8	2,1		
185	1,895	15,81	38,70	0,83	0,7	2,1		
186	1,895	15,81	38,70	0,83	0,7	2,1		
187	1,939	14,90	16,52	0,77	0,7	2,1		
188	1,956	14,77	30,53	0,76	0,7	2,1		
189	2,009	15,10	74,52	0,75	0,8	2,0		
190	2,009	15,10	74,52	0,75	0,8	2,0		
191	2,035	15,40	106,66	0,76	0,8	2,0		
192	2,083	16,02	125,79	0,77	0,7	2,0		
193	2,179	16,94	156,94	0,78	0,7	2,0		
194	2,245	18,73	173,46	0,83	0,7	2,0		
195	2,372	24,18	205,06	1,02	0,7	2,0		

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
196	2,372	24,18	205,06	1,02	0,7	2,0		
197	2,420	25,63	219,52	1,06	0,7	2,0		
198	2,460	27,34	235,77	1,11	0,8	2,0		
199	2,460	26,96	239,27	1,10	0,7	2,0		
200	2,368	26,09	232,63	1,10	0,7	2,0		
201	2,368	26,09	232,63	1,10	0,7	2,0	0,10	232,53
202	2,258	24,84	221,85	1,10	0,7	2,1	0,20	221,65
203	2,114	23,30	207,49	1,10	0,8	2,0	0,29	207,20
204	1,781	20,39	173,01	1,14	0,8	2,2	0,39	172,62
205	1,589	19,18	157,57	1,21	0,8	2,1	0,49	157,08
206	1,322	16,98	136,02	1,28	0,8	2,0	0,59	135,43
207	1,322	16,98	136,02	1,28	0,8	2,0	0,69	135,33
208	1,225	16,81	125,34	1,37	0,7	2,0	0,78	124,56
209	1,133	17,77	116,18	1,57	0,7	2,0	0,88	115,30
210	0,897	22,10	112,59	2,46	0,8	2,1	0,98	111,61
211	0,832	21,30	123,72	2,56	0,8	2,0	1,08	122,64
212	0,910	20,43	152,36	2,25	0,7	2,0	1,18	151,18
213	0,910	20,43	152,36	2,25	0,7	2,0	1,28	151,08
214	1,002	19,93	169,06	1,99	0,7	2,1	1,37	167,69
215	1,085	20,76	181,63	1,91	0,7	2,0	1,47	180,16
216	1,234	23,01	193,84	1,86	0,7	2,0	1,57	192,27
217	1,278	24,55	199,05	1,92	0,7	2,0	1,67	197,38
218	1,339	26,88	205,69	2,01	0,7	2,0	1,77	203,92
219	1,339	26,88	205,69	2,01	0,7	2,0	1,86	203,83
220	1,352	28,00	208,48	2,07	0,7	2,1	1,96	206,52
221	1,352	29,25	209,55	2,16	0,7	2,0	2,06	207,49
222	1,309	30,46	206,32	2,33	0,7	2,0	2,16	204,16
223	1,282	30,00	204,97	2,34	0,7	2,0	2,26	202,71
224	1,225	30,54	199,68	2,49	0,7	2,0	2,35	197,33
225	1,225	30,54	199,68	2,49	0,7	2,0	2,45	197,23
226	1,186	31,37	194,74	2,65	0,7	2,0	2,55	192,19
227	1,072	31,50	176,60	2,94	0,7	2,0	2,65	173,95
228	0,998	30,71	166,55	3,08	0,7	2,1	2,75	163,80
229	0,932	30,00	164,30	3,22	0,7	2,0	2,84	161,46
230	0,932	30,00	164,30	3,22	0,7	2,0	2,94	161,36
231	0,915	30,04	174,81	3,28	0,7	2,0	3,04	171,77
232	0,937	28,84	189,80	3,08	0,7	2,0	3,14	186,66
233	0,989	27,34	198,78	2,76	0,7	2,1	3,24	195,54
234	1,046	27,63	200,84	2,64	0,7	2,1	3,34	197,50
235	1,037	28,79	198,87	2,78	0,7	2,0	3,43	195,44
236	0,954	29,59	185,40	3,10	0,7	2,0	3,53	181,87
237	0,954	29,59	185,40	3,10	0,7	2,0	3,63	181,77
238	0,910	28,09	179,39	3,09	0,7	2,0	3,73	175,66
239	0,818	23,64	172,74	2,89	0,7	2,0	3,83	168,91
240	0,783	21,22	167,62	2,71	0,7	2,0	3,92	163,70
241	0,713	17,27	160,71	2,42	0,8	2,0	4,02	156,69
242	0,713	17,27	160,71	2,42	0,8	2,0	4,12	156,59
243	0,705	16,56	162,42	2,35	0,7	2,1	4,22	158,20
244	0,718	15,69	167,71	2,19	0,7	2,0	4,32	163,39
245	0,779	15,31	181,27	1,97	0,7	2,0	4,41	176,86
246	0,779	15,31	181,27	1,97	0,7	2,0	4,51	176,76
247	0,814	16,27	194,29	2,00	0,7	10,1	4,61	189,68
248	0,923	18,39	224,19	1,99	0,7	2,0	4,71	219,48
249	0,923	18,39	224,19	1,99	0,7	2,0	4,81	219,38
250	0,993	20,01	234,15	2,02	0,7	2,0	4,91	229,24
251	1,033	20,60	231,46	1,99	0,7	2,0	5,00	226,46
252	0,972	21,30	214,58	2,19	0,7	2,0	5,10	209,48
253	0,928	21,39	210,09	2,30	0,7	2,1	5,20	204,89
254	0,923	22,47	227,24	2,43	0,7	2,0	5,30	221,94
255	0,923	22,47	227,24	2,43	0,7	2,0	5,40	221,84
256	0,954	21,80	240,62	2,29	0,7	2,0	5,49	235,13
257	0,989	21,26	259,56	2,15	0,7	2,0	5,59	253,97
258	1,142	22,05	292,78	1,93	0,7	2,0	5,69	287,09
259	1,199	22,59	296,82	1,88	0,7	2,0	5,79	291,03
260	1,212	24,72	282,10	2,04	0,7	2,1	5,89	276,21

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
261	1,212	24,72	282,10	2,04	0,7	2,1	5,98	276,12
262	1,160	23,18	268,18	2,00	0,7	2,1	6,08	262,10
263	1,103	21,35	253,46	1,94	0,7	2,0	6,18	247,28
264	0,993	21,85	254,98	2,20	0,7	2,0	6,28	248,70
265	1,015	21,30	274,20	2,10	0,7	2,0	6,38	267,82
266	1,129	22,72	301,67	2,01	0,7	2,0	6,47	295,20
267	1,129	22,72	301,67	2,01	0,7	2,0	6,57	295,10
268	1,160	23,84	306,52	2,06	0,7	2,0	6,67	299,85
269	1,177	24,30	305,98	2,06	0,7	2,0	6,77	299,21
270	1,182	26,05	297,00	2,20	0,7	2,1	6,87	290,13
271	1,164	24,93	295,83	2,14	0,7	2,0	6,97	288,86
272	1,094	25,26	283,53	2,31	0,7	2,0	7,06	276,47
273	1,094	25,26	283,53	2,31	0,7	2,0	7,16	276,37
274	1,033	26,63	272,76	2,58	0,7	2,0	7,26	265,50
275	0,928	27,34	260,64	2,95	0,7	2,0	7,36	253,28
276	0,902	27,01	258,04	2,99	0,7	2,0	7,46	250,58
277	0,867	22,80	253,10	2,63	0,7	2,1	7,55	245,55
278	0,867	22,80	253,10	2,63	0,7	2,1	7,65	245,45
279	0,832	21,51	264,77	2,59	0,7	2,0	7,75	257,02
280	0,867	20,97	284,25	2,42	0,7	2,1	7,85	276,40
281	0,932	20,51	287,39	2,20	0,7	2,0	7,95	279,44
282	0,932	22,26	291,70	2,39	0,7	2,0	8,04	283,66
283	0,941	26,55	296,37	2,82	0,7	2,0	8,14	288,23
284	0,941	26,55	296,37	2,82	0,7	2,0	8,24	288,13
285	0,915	25,72	293,59	2,81	0,7	2,1	8,34	285,25
286	1,028	30,04	393,07	2,92	0,6	2,0	8,44	384,63
287	1,028	30,04	393,07	2,92	0,6	2,0	8,53	384,54
288	1,042	28,05	365,15	2,69	0,6	2,0	8,63	356,52
289	0,980	26,13	339,20	2,67	0,6	2,1	8,73	330,47
290	0,810	27,13	305,08	3,35	0,6	2,1	8,83	296,25
291	0,761	26,51	293,77	3,48	0,6	2,0	8,93	284,84
292	0,700	24,80	283,35	3,54	0,6	2,0	9,03	274,32
293	0,700	24,80	283,35	3,54	0,6	2,0	9,12	274,23
294	0,674	24,43	280,84	3,62	0,6	2,0	9,22	271,62
295	0,621	22,47	268,27	3,62	0,6	2,0	9,32	258,95
296	0,604	21,64	259,56	3,58	0,6	2,0	9,42	250,14
297	0,556	20,10	242,86	3,62	0,6	2,0	9,52	233,34
298	0,556	20,10	242,86	3,62	0,6	2,0	9,61	233,25
299	0,530	18,60	237,30	3,51	0,6	2,0	9,71	227,59
300	0,495	15,10	240,17	3,05	0,5	2,0	9,81	230,36
301	0,503	13,15	245,91	2,61	0,5	2,0	9,91	236,00
302	0,538	10,44	265,40	1,94	0,6	2,0	10,01	255,39
303	0,538	10,44	265,40	1,94	0,6	2,0	10,10	255,30
304	0,565	9,90	275,81	1,75	0,6	2,0	10,20	265,61
305	0,591	9,45	284,70	1,60	0,6	2,0	10,30	274,40
306	0,661	9,53	307,86	1,44	0,5	2,1	10,40	297,46
307	0,683	10,03	312,08	1,47	0,5	2,1	10,50	301,58
308	0,713	11,03	312,98	1,55	0,5	2,0	10,59	302,39
309	0,713	11,03	312,98	1,55	0,5	2,0	10,69	302,29
310	0,735	11,73	320,25	1,60	0,6	2,0	10,79	309,46
311	0,744	11,82	323,31	1,59	0,5	2,0	10,89	312,42
312	0,709	10,99	317,20	1,55	0,6	2,0	10,99	306,21
313	0,678	10,86	311,99	1,60	0,5	2,0	11,09	300,90
314	0,643	11,40	288,83	1,77	0,6	2,1	11,18	277,65
315	0,643	11,40	288,83	1,77	0,6	2,1	11,28	277,55
316	0,617	12,61	278,33	2,04	0,6	2,0	11,38	266,95
317	0,582	13,19	273,12	2,27	0,5	2,1	11,48	261,64
318	0,551	13,32	283,35	2,42	0,6	2,0	11,58	271,77
319	0,551	12,65	292,24	2,30	0,6	2,0	11,67	280,57
320	0,560	10,90	295,83	1,95	0,6	2,0	11,77	284,06
321	0,560	10,90	295,83	1,95	0,6	2,0	11,87	283,96
322	0,569	10,49	299,60	1,84	0,5	2,0	11,97	287,63
323	0,600	10,99	307,86	1,83	0,5	2,0	12,07	295,79
324	0,604	11,82	313,52	1,96	0,5	2,0	12,16	301,36
325	0,639	11,24	326,54	1,76	0,5	2,0	12,26	314,28

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
326	0,639	11,24	326,54	1,76	0,5	2,0	12,36	314,18
327	0,652	11,15	329,14	1,71	0,5	2,0	12,46	316,68
328	0,656	11,32	334,98	1,73	0,6	2,0	12,56	322,42
329	0,665	10,74	345,21	1,62	0,6	2,0	12,65	332,56
330	0,670	9,90	346,56	1,48	0,5	2,1	12,75	333,81
331	0,670	9,53	349,70	1,42	0,6	2,0	12,85	336,85
332	0,670	9,53	349,70	1,42	0,6	2,0	12,95	336,75
333	0,674	9,74	353,21	1,45	0,5	2,0	13,05	340,16
334	0,683	10,03	355,27	1,47	0,6	2,1	13,15	342,12
335	0,700	11,03	362,45	1,58	0,5	2,0	13,24	349,21
336	0,709	12,15	367,66	1,71	0,5	2,0	13,34	354,32
337	0,770	13,90	396,48	1,81	0,5	2,0	13,44	383,04
338	0,770	13,90	396,48	1,81	0,5	2,0	13,54	382,94
339	0,832	14,86	415,96	1,79	0,5	2,0	13,64	402,32
340	0,897	16,56	438,59	1,85	0,5	2,0	13,73	424,86
341	0,998	19,47	455,29	1,95	0,5	2,0	13,83	441,46
342	1,024	19,10	441,01	1,87	0,6	2,0	13,93	427,08
343	0,950	21,85	399,44	2,30	0,5	2,1	14,03	385,41
344	0,950	21,85	399,44	2,30	0,5	2,1	14,13	385,31
345	0,871	22,18	381,31	2,55	0,6	2,0	14,22	367,09
346	0,735	19,89	347,10	2,71	0,6	2,0	14,32	332,78
347	0,678	19,35	338,03	2,85	0,5	2,0	14,42	323,61
348	0,621	18,39	329,95	2,96	0,7	2,0	14,52	315,43
349	0,621	18,39	329,95	2,96	0,7	2,0	14,62	315,33
350	0,604	17,27	328,16	2,86	0,5	2,0	14,72	313,44
351	0,591	16,39	326,54	2,77	0,5	2,0	14,81	311,73
352	0,569	15,81	325,73	2,78	0,5	2,0	14,91	310,82
353	0,569	15,56	326,81	2,73	0,6	2,0	15,01	311,80
354	0,565	14,94	326,09	2,64	0,5	2,0	15,11	310,98
355	0,565	14,94	326,09	2,64	0,5	2,0	15,21	310,88
356	0,560	14,90	323,76	2,66	0,5	2,0	15,30	308,46
357	0,560	15,02	324,56	2,68	0,5	2,0	15,40	309,16
358	0,600	15,60	348,00	2,60	0,5	2,0	15,50	332,50
359	0,648	16,10	374,21	2,48	0,5	2,0	15,60	358,61
360	0,810	18,56	440,92	2,29	0,5	2,0	15,70	425,22
361	0,810	18,56	440,92	2,29	0,5	2,0	15,79	425,13
362	0,902	18,93	467,95	2,10	0,5	2,1	15,89	452,06
363	0,993	19,02	486,80	1,92	0,5	2,0	15,99	470,81
364	1,164	21,68	518,67	1,86	0,6	2,1	16,09	502,58
365	1,243	23,80	525,14	1,91	0,6	2,0	16,19	508,95
366	1,322	25,88	528,73	1,96	0,5	2,0	16,28	512,45
367	1,322	25,88	528,73	1,96	0,5	2,0	16,38	512,35
368	1,335	26,34	524,78	1,97	0,5	2,0	16,48	508,30
369	1,304	27,01	505,48	2,07	0,5	2,0	16,58	488,90
370	1,260	26,88	488,51	2,13	0,5	2,1	16,68	471,83
371	1,155	25,38	463,82	2,20	0,7	2,0	16,78	447,04
372	1,155	25,38	463,82	2,20	0,7	2,0	16,87	446,95
373	1,129	24,68	462,02	2,19	0,6	2,0	16,97	445,05
374	1,116	23,93	463,73	2,14	0,5	2,0	17,07	446,66
375	1,094	24,09	484,65	2,20	0,5	2,0	17,17	467,48
376	1,094	23,30	490,03	2,13	0,5	2,0	17,27	472,76
377	1,107	23,76	477,02	2,15	0,5	2,1	17,36	459,66
378	1,107	23,76	477,02	2,15	0,5	2,1	17,46	459,56
379	1,081	25,80	460,68	2,39	0,5	2,0	17,56	443,12
380	0,976	28,13	427,81	2,88	0,5	2,0	17,66	410,15
381	0,915	28,50	414,62	3,11	0,5	2,0	17,76	396,86
382	0,788	27,63	394,68	3,51	0,5	2,1	17,85	376,83
383	0,788	27,63	394,68	3,51	0,5	2,1	17,95	376,73
384	0,766	27,34	394,86	3,57	0,5	2,0	18,05	376,81
385	0,748	26,76	396,39	3,58	0,5	2,0	18,15	378,24
386	0,744	25,09	403,75	3,37	0,5	2,1	18,25	385,50
387	0,963	34,75	471,09	3,61	0,6	2,0	18,34	452,75
388	0,963	34,75	471,09	3,61	0,6	2,0	18,44	452,65
389	0,906	31,46	451,79	3,47	0,6	2,0	18,54	433,25
390	0,862	29,59	438,77	3,43	0,6	2,0	18,64	420,13

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
391	0,832	28,13	428,44	3,38	0,5	2,0	18,74	409,70
392	0,796	27,05	419,55	3,40	0,6	2,1	18,84	400,71
393	0,753	25,72	409,59	3,42	0,6	2,0	18,93	390,66
394	0,700	24,43	388,31	3,49	0,5	2,0	19,03	369,28
395	0,674	23,34	379,87	3,46	0,6	2,0	19,13	360,74
396	0,635	21,39	368,56	3,37	0,6	2,0	19,23	349,33
397	0,635	21,39	368,56	3,37	0,6	2,0	19,33	349,23
398	0,617	20,18	365,24	3,27	0,6	2,0	19,42	345,82
399	0,591	18,52	359,67	3,13	0,6	2,0	19,52	340,15
400	0,578	18,06	354,10	3,12	0,5	2,0	19,62	334,48
401	0,556	16,56	346,83	2,98	0,6	2,0	19,72	327,11
402	0,556	16,56	346,83	2,98	0,6	2,0	19,82	327,01
403	0,547	16,19	348,09	2,96	0,7	2,0	19,91	328,18
404	0,573	14,02	369,37	2,45	0,6	2,0	20,01	349,36
405	0,600	13,44	381,49	2,24	0,6	2,0	20,11	361,38
406	0,630	12,77	395,67	2,03	0,6	2,1	20,21	375,46
407	0,630	12,77	395,67	2,03	0,6	2,1	20,31	375,36
408	0,648	12,32	402,23	1,90	0,6	2,1	20,40	381,83
409	0,670	12,19	407,25	1,82	0,6	2,1	20,50	386,75
410	0,691	13,48	407,97	1,95	0,6	2,0	20,60	387,37
411	0,678	14,65	402,59	2,16	0,6	2,0	20,70	381,89
412	0,643	15,65	383,64	2,43	0,6	2,1	20,80	362,84
413	0,643	15,65	383,64	2,43	0,6	2,1	20,90	362,74
414	0,617	16,10	372,42	2,61	0,7	2,0	20,99	351,43
415	0,595	16,73	364,16	2,81	0,6	2,1	21,09	343,07
416	0,569	17,77	353,83	3,12	0,6	2,0	21,19	332,64
417	0,565	18,23	352,40	3,23	0,7	2,0	21,29	331,11
418	0,582	20,89	370,80	3,59	0,7	2,0	21,39	349,41
419	0,582	20,89	370,80	3,59	0,7	2,0	21,48	349,32
420	0,608	22,59	392,62	3,72	0,6	2,0	21,58	371,04
421	0,700	22,97	441,55	3,28	0,6	2,0	21,68	419,87
422	0,766	22,51	461,66	2,94	0,6	2,0	21,78	439,88
423	0,880	22,47	491,56	2,55	0,6	2,0	21,88	469,68
424	0,880	22,47	491,56	2,55	0,6	2,0	21,97	469,59
425	0,902	22,35	477,11	2,48	0,7	2,1	22,07	455,04
426	0,783	22,30	417,58	2,85	0,7	2,0	22,17	395,41
427	0,713	21,68	388,76	3,04	0,6	2,0	22,27	366,49
428	0,582	17,68	346,38	3,04	0,6	2,0	22,37	324,01
429	0,582	17,68	346,38	3,04	0,6	2,0	22,46	323,92
430	0,543	16,10	334,26	2,97	0,6	2,0	22,56	311,70
431	0,512	15,15	325,46	2,96	0,7	2,1	22,66	302,80
432	0,486	14,69	326,63	3,02	0,7	2,0	22,76	303,87
433	0,499	13,57	342,25	2,72	0,6	2,0	22,86	319,39
434	0,613	12,82	421,80	2,09	0,7	2,0	22,96	398,84
435	0,613	12,82	421,80	2,09	0,7	2,0	23,05	398,75
436	0,718	13,44	470,82	1,87	0,6	2,0	23,15	447,67
437	0,849	14,61	518,94	1,72	0,6	2,0	23,25	495,69
438	1,177	17,02	485,90	1,45	0,6	2,0	23,35	462,55
439	1,348	17,02	219,52	1,26	0,6	2,0	23,45	196,07
440	1,571	20,43	116,63	1,30	0,7	2,0	23,54	93,09
441	1,571	20,43	116,63	1,30	0,7	2,0	23,64	92,99
442	1,602	21,43	118,33	1,34	0,7	2,0	23,74	94,59
443	1,589	20,22	121,03	1,27	0,7	2,0	23,84	97,19
444	1,562	18,56	127,22	1,19	0,7	2,0	23,94	103,28
445	1,492	18,56	129,92	1,24	0,7	2,0	24,03	105,89
446	1,492	18,56	129,92	1,24	0,7	2,0	24,13	105,79
447	1,462	20,93	136,20	1,43	0,6	2,0	24,23	111,97
448	1,440	23,26	141,50	1,62	0,6	2,0	24,33	117,17
449	1,400	28,09	144,10	2,01	0,6	2,0	24,43	119,67
450	1,374	29,92	143,29	2,18	0,6	2,0	24,53	118,76
451	1,348	32,04	141,77	2,38	0,6	2,0	24,62	117,15
452	1,348	32,04	141,77	2,38	0,6	2,0	24,72	117,05
453	1,309	32,96	135,75	2,52	0,6	2,0	24,82	110,93
454	1,168	31,92	117,71	2,73	0,7	2,0	24,92	92,79
455	1,068	30,50	107,74	2,86	0,7	2,1	25,02	82,72



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
456	0,880	26,01	83,86	2,96	0,6	2,0	25,11	58,75
457	0,880	26,01	83,86	2,96	0,6	2,0	25,21	58,65
458	0,792	23,93	77,48	3,02	0,7	2,0	25,31	52,17
459	0,735	21,18	69,67	2,88	0,6	2,0	25,41	44,26
460	0,613	18,18	63,57	2,97	0,7	2,0	25,51	38,06
461	0,569	17,52	68,15	3,08	0,6	2,0	25,60	42,55
462	0,569	16,44	81,70	2,89	0,7	2,0	25,70	56,00
463	0,569	16,44	81,70	2,89	0,7	2,0	25,80	55,90
464	0,569	17,02	83,77	2,99	0,8	2,0	25,90	57,87
465	0,578	16,60	86,19	2,87	0,8	2,1	26,00	60,19
466	0,578	17,06	88,88	2,95	0,6	2,0	26,09	62,79
467	0,591	16,31	101,45	2,76	0,6	2,0	26,19	75,26
468	0,591	16,31	101,45	2,76	0,6	2,0	26,29	75,16
469	0,630	14,19	117,79	2,25	0,6	2,0	26,39	91,40
470	0,705	12,03	139,79	1,71	0,8	2,0	26,49	113,30
471	0,814	10,11	164,12	1,24	0,8	2,0	26,59	137,53
472	0,836	10,61	164,57	1,27	0,8	2,0	26,68	137,89
473	0,796	12,19	151,91	1,53	0,8	2,0	26,78	125,13
474	0,796	12,19	151,91	1,53	0,8	2,0	26,88	125,03
475	0,761	13,11	141,95	1,72	0,8	2,0	26,98	114,97
476	0,661	15,48	124,89	2,34	0,6	2,0	27,08	97,81
477	0,621	15,56	120,76	2,51	0,6	2,0	27,17	93,59
478	0,578	15,19	114,02	2,63	0,6	2,0	27,27	86,75
479	0,578	15,19	114,02	2,63	0,6	2,0	27,37	86,65
480	0,560	14,98	118,60	2,68	0,8	2,1	27,47	91,13
481	0,560	14,31	124,08	2,56	0,8	2,0	27,57	96,51
482	0,586	13,57	130,63	2,32	0,8	2,0	27,66	102,97
483	0,591	13,81	132,52	2,34	0,8	2,0	27,76	104,76
484	0,591	13,57	133,87	2,30	0,6	2,0	27,86	106,01
485	0,591	13,57	133,87	2,30	0,6	2,0	27,96	105,91
486	0,586	12,82	132,97	2,19	0,6	2,0	28,06	104,91
487	0,578	12,03	133,24	2,08	0,8	2,1	28,15	105,09
488	0,731	18,48	182,71	2,53	0,8	2,1	28,25	154,46
489	0,731	18,48	182,71	2,53	0,8	2,1	28,35	154,36
490	0,687	16,89	176,69	2,46	0,8	2,0	28,45	148,24
491	0,643	14,90	184,14	2,32	0,8	2,0	28,55	155,59
492	0,665	13,77	198,42	2,07	0,8	2,1	28,65	169,77
493	0,783	12,86	229,75	1,64	0,7	2,0	28,74	201,01
494	0,783	12,86	229,75	1,64	0,7	2,0	28,84	200,91
495	0,862	13,36	250,13	1,55	0,8	2,0	28,94	221,19
496	1,046	14,06	300,50	1,34	0,8	2,0	29,04	271,46
497	1,138	14,90	311,82	1,31	0,8	2,0	29,14	282,68
498	1,252	16,98	309,84	1,36	0,8	2,0	29,23	280,61
499	1,252	16,98	309,84	1,36	0,8	2,0	29,33	280,51
500	1,260	19,18	297,27	1,52	0,8	2,0	29,43	267,84
501	1,120	19,85	254,80	1,77	0,8	2,0	29,53	225,27
502	1,015	17,48	231,73	1,72	0,7	1,9	29,63	202,10
503	0,810	12,82	189,62	1,58	0,8	2,0	29,72	159,90
504	0,810	12,82	189,62	1,58	0,8	2,0	29,82	159,80
505	0,731	12,11	186,84	1,66	0,8	2,0	29,92	156,92
506	0,722	10,32	220,15	1,43	0,8	2,0	30,02	190,13
507	0,783	11,40	237,57	1,46	0,8	2,1	30,12	207,45
508	0,893	14,40	264,14	1,61	0,8	2,1	30,21	233,93
509	0,893	14,40	264,14	1,61	0,8	2,1	30,31	233,83
510	0,958	16,02	274,11	1,67	0,7	2,1	30,41	243,70
511	0,976	15,81	260,64	1,62	0,8	2,0	30,51	230,13
512	0,958	18,43	259,92	1,92	0,8	2,1	30,61	229,31
513	0,958	19,77	271,23	2,06	0,8	2,0	30,71	240,52
514	1,059	19,85	291,26	1,87	0,7	2,1	30,80	260,46
515	1,059	19,85	291,26	1,87	0,7	2,1	30,90	260,36
516	1,055	20,26	292,96	1,92	0,8	2,0	31,00	261,96
517	1,050	20,51	291,61	1,95	0,8	2,0	31,10	260,51
518	1,011	20,22	283,35	2,00	0,7	2,0	31,20	252,15
519	1,011	20,97	273,57	2,07	0,7	2,0	31,29	242,28
520	0,950	25,34	248,16	2,67	0,8	2,0	31,39	216,77

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
521	0,950	25,34	248,16	2,67	0,8	2,0	31,49	216,67
522	0,893	27,34	241,78	3,06	0,7	2,0	31,59	210,19
523	0,823	27,34	234,69	3,32	0,8	2,0	31,69	203,00
524	0,805	26,30	235,86	3,27	0,8	2,0	31,78	204,08
525	0,792	24,13	230,02	3,05	0,8	2,0	31,88	198,14
526	0,792	24,13	230,02	3,05	0,8	2,0	31,98	198,04
527	0,788	23,84	228,41	3,03	0,7	2,0	32,08	196,33
528	0,788	22,80	243,58	2,89	0,8	2,0	32,18	211,40
529	0,788	21,85	246,99	2,77	0,7	2,0	32,27	214,72
530	0,748	20,14	231,91	2,69	0,8	2,1	32,37	199,54
531	0,748	20,14	231,91	2,69	0,8	2,1	32,47	199,44
532	0,748	19,47	231,10	2,60	0,8	2,0	32,57	198,53
533	0,748	19,10	234,51	2,55	0,8	2,1	32,67	201,84
534	0,735	17,44	235,50	2,37	0,8	2,0	32,77	202,73
535	0,726	16,52	232,72	2,28	0,8	2,0	32,86	199,86
536	0,696	14,90	230,20	2,14	0,8	2,0	32,96	197,24
537	0,696	14,90	230,20	2,14	0,8	2,0	33,06	197,14
538	0,696	14,44	233,26	2,07	0,8	2,0	33,16	200,10
539	0,700	14,19	230,65	2,03	0,8	2,0	33,26	197,39
540	0,683	14,98	223,11	2,19	0,8	2,0	33,35	189,76
541	0,665	15,23	225,98	2,29	0,8	2,0	33,45	192,53
542	0,670	12,82	240,98	1,91	0,8	2,0	33,55	207,43
543	0,670	12,82	240,98	1,91	0,8	2,0	33,65	207,33
544	0,691	11,86	251,12	1,72	0,8	2,0	33,75	217,37
545	0,735	11,40	263,87	1,55	0,8	2,0	33,84	230,03
546	0,744	11,40	265,94	1,53	0,8	2,0	33,94	232,00
547	0,766	11,65	267,55	1,52	0,8	2,0	34,04	233,51
548	0,766	11,65	267,55	1,52	0,8	2,0	34,14	233,41
549	0,757	12,19	265,94	1,61	0,8	2,0	34,24	231,70
550	0,753	12,77	266,83	1,70	0,9	2,0	34,34	232,49
551	0,766	14,56	268,81	1,90	0,8	2,0	34,43	234,38
552	0,757	15,52	266,30	2,05	0,8	2,0	34,53	231,77
553	0,753	17,06	264,14	2,27	0,8	2,0	34,63	229,51
554	0,753	17,06	264,14	2,27	0,8	2,0	34,73	229,41
555	0,748	17,68	261,72	2,36	0,8	2,1	34,83	226,89
556	0,735	18,06	260,37	2,46	0,9	2,0	34,92	225,45
557	0,713	19,47	257,14	2,73	0,8	2,0	35,02	222,12
558	0,700	20,31	256,24	2,90	0,9	2,0	35,12	221,12
559	0,683	21,60	251,84	3,16	0,9	2,0	35,22	216,62
560	0,683	21,60	251,84	3,16	0,9	2,0	35,32	216,52
561	0,674	22,18	251,48	3,29	0,8	2,0	35,41	216,07
562	0,665	22,72	252,20	3,42	0,8	2,0	35,51	216,69
563	0,661	22,05	255,79	3,34	0,9	2,1	35,61	220,18
564	0,665	21,47	256,33	3,23	0,8	2,1	35,71	220,62
565	0,665	20,64	254,98	3,10	0,9	2,0	35,81	219,17
566	0,665	20,64	254,98	3,10	0,9	2,0	35,90	219,08
567	0,661	20,43	254,09	3,09	0,9	2,0	36,00	218,09
568	0,648	19,72	253,01	3,04	0,9	2,0	36,10	216,91
569	0,648	19,10	252,20	2,95	0,9	2,0	36,20	216,00
570	0,635	18,02	248,16	2,84	0,9	2,1	36,30	211,86
571	0,635	18,02	248,16	2,84	0,9	2,1	36,40	211,76
572	0,630	17,44	246,72	2,77	0,9	2,0	36,49	210,23
573	0,621	16,98	246,72	2,73	0,8	2,0	36,59	210,13
574	0,613	16,02	244,93	2,61	0,9	2,0	36,69	208,24
575	0,608	15,48	243,13	2,55	0,9	2,0	36,79	206,34
576	0,595	14,94	238,19	2,51	0,9	2,0	36,89	201,30
577	0,595	14,94	238,19	2,51	0,9	2,0	36,98	201,21
578	0,582	14,81	235,23	2,54	0,9	2,0	37,08	198,15
579	0,569	14,52	231,91	2,55	0,9	2,1	37,18	194,73
580	0,551	13,27	227,24	2,41	0,9	2,1	37,28	189,96
581	0,547	12,90	224,37	2,36	0,9	2,0	37,38	186,99
582	0,525	12,19	216,74	2,32	0,9	2,0	37,47	179,27
583	0,525	12,19	216,74	2,32	0,9	2,0	37,57	179,17
584	0,512	12,11	213,86	2,37	0,9	2,0	37,67	176,19
585	0,490	10,86	209,37	2,22	0,9	2,0	37,77	171,60

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
586	0,481	10,07	207,13	2,09	0,9	2,0	37,87	169,26
587	0,473	4,58	255,88	0,97	0,9	2,0	37,96	217,92
588	0,473	4,58	255,88	0,97	0,9	2,0	38,06	217,82
589	0,534	5,87	257,86	1,10	0,9	2,0	38,16	219,70
590	0,525	6,03	254,26	1,15	0,9	2,0	38,26	216,00
591	0,512	5,62	249,15	1,10	0,9	2,0	38,36	210,79
592	0,512	5,62	249,15	1,10	0,9	2,0	38,46	210,69
593	0,503	5,49	246,36	1,09	0,9	2,0	38,55	207,81
594	0,486	5,28	242,23	1,09	0,9	2,0	38,65	203,58
595	0,481	4,87	241,52	1,01	0,9	2,0	38,75	202,77
596	0,481	4,04	243,85	0,84	0,9	2,0	38,85	205,00
597	0,481	4,04	243,85	0,84	0,9	2,0	38,95	204,90
598	0,486	3,83	246,27	0,79	0,9	2,0	39,04	207,23
599	0,503	3,66	256,87	0,73	0,9	2,0	39,14	217,73
600	0,521	3,50	267,37	0,67	0,9	2,0	39,24	228,13
601	0,560	3,29	282,37	0,59	0,9	2,0	39,34	243,03
602	0,560	3,29	282,37	0,59	0,9	2,0	39,44	242,93
603	0,573	3,29	285,06	0,57	0,9	2,0	39,53	245,53
604	0,591	3,12	285,42	0,53	0,9	2,0	39,63	245,79
605	0,595	3,41	284,25	0,57	0,9	2,1	39,73	244,52
606	0,595	3,99	281,65	0,67	0,9	2,1	39,83	241,82
607	0,595	3,99	281,65	0,67	0,9	2,1	39,93	241,72
608	0,582	3,95	279,67	0,68	0,9	2,1	40,02	239,65
609	0,569	3,45	281,20	0,61	0,9	2,1	40,12	241,08
610	0,591	3,16	295,65	0,53	0,9	2,0	40,22	255,43
611	0,617	3,08	305,80	0,50	0,9	2,0	40,32	265,48
612	0,665	3,50	320,17	0,53	0,9	2,0	40,42	279,75
613	0,665	3,50	320,17	0,53	0,9	2,0	40,52	279,65
614	0,691	3,91	329,41	0,57	0,9	2,0	40,61	288,80
615	0,718	4,45	338,30	0,62	0,9	2,0	40,71	297,59
616	0,753	4,95	337,22	0,66	0,9	2,0	40,81	296,41
617	0,757	5,83	331,84	0,77	0,9	2,0	40,91	290,93
618	0,735	6,91	328,07	0,94	0,9	2,0	41,01	287,06
619	0,735	6,91	328,07	0,94	0,9	2,0	41,10	286,97
620	0,722	7,24	328,96	1,00	0,9	2,0	41,20	287,76
621	0,748	8,11	344,59	1,08	0,9	2,0	41,30	303,29
622	0,779	8,53	359,04	1,09	0,9	2,0	41,40	317,64
623	0,897	9,74	393,97	1,09	0,9	2,0	41,50	352,47
624	0,897	9,74	393,97	1,09	0,9	2,0	41,59	352,38
625	0,967	10,74	403,57	1,11	0,9	2,0	41,69	361,88
626	1,081	13,23	313,34	1,22	0,9	2,0	41,79	271,55
627	1,116	14,61	264,95	1,31	0,9	2,0	41,89	223,06
628	1,133	17,10	204,35	1,51	1,0	2,0	41,99	162,36
629	1,133	17,10	204,35	1,51	1,0	2,0	42,08	162,27
630	1,129	17,56	186,93	1,56	0,9	2,0	42,18	144,75
631	1,142	17,56	183,16	1,54	0,9	2,1	42,28	140,88
632	1,234	18,31	209,64	1,48	0,9	2,0	42,38	167,26
633	1,309	18,85	231,28	1,44	0,9	2,0	42,48	188,80
634	1,488	21,60	250,22	1,45	1,0	2,0	42,58	207,64
635	1,488	21,60	250,22	1,45	1,0	2,0	42,67	207,55
636	1,567	23,51	160,98	1,50	0,9	2,0	42,77	118,21
637	1,711	28,00	113,04	1,64	1,0	2,1	42,87	70,17
638	1,781	29,04	133,60	1,63	1,0	2,0	42,97	90,63
639	1,934	30,29	160,89	1,57	0,9	2,0	43,07	117,82
640	1,934	30,29	160,89	1,57	0,9	2,0	43,16	117,73
641	2,013	30,08	173,10	1,49	0,9	2,0	43,26	129,84
642	2,083	28,92	186,84	1,39	0,9	2,0	43,36	143,48
643	2,258	27,80	217,09	1,23	1,0	2,0	43,46	173,63
644	2,333	26,88	230,02	1,15	1,0	2,0	43,56	186,46
645	2,460	25,92	249,51	1,05	1,0	2,0	43,65	205,86
646	2,460	25,92	249,51	1,05	1,0	2,0	43,75	205,76
647	2,503	24,93	257,23	1,00	0,9	2,0	43,85	213,38
648	2,551	20,43	266,92	0,80	0,9	2,0	43,95	222,97
649	2,551	18,89	269,08	0,74	0,9	2,0	44,05	225,03
650	2,525	15,69	269,53	0,62	1,0	2,0	44,15	225,38

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
651	2,525	15,69	269,53	0,62	1,0	2,0	44,24	225,29
652	2,499	14,61	267,91	0,58	0,9	2,0	44,34	223,57
653	2,451	14,06	264,68	0,57	0,9	2,0	44,44	220,24
654	2,425	13,98	265,04	0,58	1,0	2,0	44,54	220,50
655	2,376	14,98	264,77	0,63	1,0	2,0	44,64	220,13
656	2,376	14,98	264,77	0,63	1,0	2,0	44,73	220,04
657	2,359	16,27	262,70	0,69	0,9	2,0	44,83	217,87
658	2,333	17,48	261,72	0,75	1,0	2,0	44,93	216,79
659	2,267	21,76	255,61	0,96	1,0	2,0	45,03	210,58
660	2,219	24,47	254,62	1,10	0,9	2,0	45,13	209,49
661	2,118	28,46	249,15	1,34	1,0	2,0	45,22	203,93
662	2,118	28,46	249,15	1,34	1,0	2,0	45,32	203,83
663	2,061	29,88	245,29	1,45	1,0	2,1	45,42	199,87
664	2,018	31,62	244,48	1,57	1,0	2,0	45,52	198,96
665	1,965	35,62	249,60	1,81	1,0	2,0	45,62	203,98
666	1,952	37,66	254,17	1,93	1,0	2,0	45,71	208,46
667	1,961	40,32	256,69	2,06	1,0	2,0	45,81	210,88
668	1,961	40,32	256,69	2,06	1,0	2,0	45,91	210,78
669	1,943	40,82	257,14	2,10	1,0	2,0	46,01	211,13
670	1,912	43,07	257,59	2,25	1,0	2,0	46,11	211,48
671	1,908	44,98	257,86	2,36	1,0	2,0	46,21	211,65
672	1,873	46,73	262,08	2,49	1,0	2,0	46,30	215,78
673	1,873	46,73	262,08	2,49	1,0	2,0	46,40	215,68
674	1,877	46,06	266,39	2,45	1,0	2,0	46,50	219,89
675	1,912	43,28	271,59	2,26	1,0	2,0	46,60	224,99
676	1,921	43,44	279,76	2,26	1,0	2,0	46,70	233,06
677	1,930	42,36	291,61	2,19	1,0	2,0	46,79	244,82
678	1,930	42,36	291,61	2,19	1,0	2,0	46,89	244,72
679	1,930	40,49	286,05	2,10	1,0	2,0	46,99	239,06
680	1,895	38,91	274,65	2,05	1,0	2,1	47,09	227,56
681	1,729	39,36	240,08	2,28	1,0	2,0	47,19	192,89
682	1,628	39,41	224,55	2,42	1,0	2,0	47,28	177,27
683	1,475	33,95	225,98	2,30	1,0	2,0	47,38	178,60
684	1,475	33,95	225,98	2,30	1,0	2,0	47,48	178,50
685	1,435	29,63	252,56	2,06	1,0	2,1	47,58	204,98
686	1,540	24,34	270,16	1,58	1,0	2,0	47,68	222,48
687	1,838	32,58	272,94	1,77	1,0	1,9	47,77	225,17
688	1,838	32,58	272,94	1,77	1,0	1,9	47,87	225,07
689	1,790	32,58	256,69	1,82	1,0	2,0	47,97	208,72
690	1,707	31,42	243,49	1,84	1,0	2,0	48,07	195,42
691	1,632	30,25	230,20	1,85	1,0	2,0	48,17	182,03
692	1,540	30,08	215,57	1,95	1,0	2,0	48,27	167,30
693	1,435	30,38	197,88	2,12	1,0	2,0	48,36	149,52
694	1,199	28,84	158,20	2,41	1,0	2,0	48,46	109,74
695	1,094	26,71	141,32	2,44	1,0	2,0	48,56	92,76
696	0,915	22,51	118,15	2,46	1,0	2,0	48,66	69,49
697	0,915	22,51	118,15	2,46	1,0	2,0	48,76	69,39
698	0,836	20,26	111,78	2,42	1,0	2,0	48,85	62,93
699	0,761	17,89	116,18	2,35	1,0	2,0	48,95	67,23
700	0,775	18,89	123,90	2,44	1,0	2,0	49,05	74,85
701	0,853	21,68	139,61	2,54	1,0	2,0	49,15	90,46
702	0,853	21,68	139,61	2,54	1,0	2,0	49,25	90,36
703	0,858	22,55	143,29	2,63	1,0	2,0	49,34	93,95
704	0,880	19,10	148,50	2,17	1,0	2,0	49,44	99,06
705	0,893	16,81	148,68	1,88	1,0	2,0	49,54	99,14
706	0,902	15,94	147,06	1,77	1,0	2,0	49,64	97,42
707	0,902	15,94	147,06	1,77	1,0	2,0	49,74	97,32
708	0,884	15,60	146,53	1,76	1,2	2,1	49,83	96,70
709	0,867	14,69	144,91	1,69	1,0	2,1	49,93	94,98
710	0,853	14,73	138,27	1,73	1,0	2,0	50,03	88,24
711	0,823	14,44	131,53	1,75	1,0	2,0	50,13	81,40
712	0,779	12,94	134,14	1,66	1,0	2,0	50,23	83,91
713	0,779	12,94	134,14	1,66	1,0	2,0	50,33	83,81
714	0,779	11,61	136,29	1,49	1,0	2,0	50,42	85,87
715	0,788	11,07	137,91	1,40	1,2	2,1	50,52	87,39

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
716	0,788	10,74	138,80	1,36	1,0	2,0	50,62	88,18
717	0,810	10,74	143,92	1,33	1,0	2,0	50,72	93,20
718	0,810	10,74	143,92	1,33	1,0	2,0	50,82	93,10
719	0,814	10,82	148,95	1,33	1,2	2,0	50,91	98,04
720	0,845	11,78	155,14	1,39	1,2	2,0	51,01	104,13
721	0,845	11,53	154,34	1,36	1,2	2,0	51,11	103,23
722	0,836	11,32	145,36	1,35	1,0	2,1	51,21	94,15
723	0,836	11,32	145,36	1,35	1,0	2,1	51,31	94,05
724	0,832	11,24	155,86	1,35	1,2	2,0	51,40	104,46
725	0,884	10,69	176,78	1,21	1,2	2,0	51,50	125,28
726	1,037	9,86	212,61	0,95	1,2	2,0	51,60	161,01
727	1,112	10,15	227,33	0,91	1,2	2,0	51,70	175,63
728	1,195	11,65	225,26	0,97	1,2	2,0	51,80	173,46
729	1,195	11,65	225,26	0,97	1,2	2,0	51,89	173,37
730	1,199	12,94	213,86	1,08	1,2	2,0	51,99	161,87
731	1,142	16,77	188,27	1,47	1,2	2,0	52,09	136,18
732	1,085	17,68	181,09	1,63	1,2	2,0	52,19	128,90
733	1,002	17,39	191,15	1,74	1,2	2,1	52,29	138,86
734	1,002	17,39	191,15	1,74	1,2	2,1	52,39	138,76
735	1,011	17,60	193,48	1,74	1,2	2,0	52,48	141,00
736	1,028	18,68	194,47	1,82	1,2	2,0	52,58	141,89
737	1,050	20,01	197,25	1,91	1,2	2,0	52,68	144,57
738	1,050	20,60	198,06	1,96	1,2	2,0	52,78	145,28
739	1,024	21,18	196,71	2,07	1,2	2,0	52,88	143,83
740	1,024	21,18	196,71	2,07	1,2	2,0	52,97	143,74
741	1,011	21,18	194,56	2,09	1,2	2,0	53,07	141,49
742	0,993	20,60	188,63	2,07	1,2	2,0	53,17	135,46
743	0,976	19,72	185,76	2,02	1,2	2,0	53,27	132,49
744	0,941	19,47	181,45	2,07	1,2	2,0	53,37	128,08
745	0,941	19,47	181,45	2,07	1,2	2,0	53,46	127,99
746	0,937	19,77	182,08	2,11	1,2	2,0	53,56	128,52
747	0,928	19,60	179,57	2,11	1,2	2,0	53,66	125,91
748	0,906	18,85	170,23	2,08	1,2	2,0	53,76	116,47
749	0,880	18,31	165,83	2,08	1,2	2,0	53,86	111,97
750	0,840	17,44	164,03	2,08	1,2	2,0	53,96	110,07
751	0,840	17,44	164,03	2,08	1,2	2,0	54,05	109,98
752	0,823	16,44	162,69	2,00	1,2	2,1	54,15	108,54
753	0,810	15,19	163,05	1,88	1,2	2,0	54,25	108,80
754	0,810	14,61	169,33	1,80	1,2	2,0	54,35	114,98
755	0,849	12,86	180,46	1,51	1,2	2,0	54,45	126,01
756	0,849	12,86	180,46	1,51	1,2	2,0	54,54	125,92
757	0,862	12,36	184,32	1,43	1,2	2,0	54,64	129,68
758	0,867	11,44	182,71	1,32	1,2	2,0	54,74	127,97
759	0,871	11,28	181,45	1,30	1,2	2,0	54,84	126,61
760	0,853	11,19	177,05	1,31	1,2	2,0	54,94	122,11
761	0,853	11,19	177,05	1,31	1,2	2,0	55,03	122,02
762	0,853	11,53	174,99	1,35	1,2	2,0	55,13	119,86
763	0,853	12,15	174,45	1,42	1,2	2,0	55,23	119,22
764	0,845	13,61	170,23	1,61	1,2	2,1	55,33	114,90
765	0,832	14,77	163,67	1,78	1,2	2,0	55,43	108,24
766	0,788	18,60	166,28	2,36	1,2	2,0	55,52	110,76
767	0,788	18,60	166,28	2,36	1,2	2,0	55,62	110,66
768	0,792	18,93	168,34	2,39	1,2	2,0	55,72	112,62
769	0,801	16,60	172,20	2,07	1,2	2,0	55,82	116,38
770	0,801	16,48	175,44	2,06	1,2	2,0	55,92	119,52
771	0,818	15,23	184,41	1,86	1,2	2,0	56,02	128,39
772	0,818	15,23	184,41	1,86	1,2	2,0	56,11	128,30
773	0,836	14,90	186,12	1,78	1,2	2,0	56,21	129,91
774	0,840	14,69	184,77	1,75	1,2	2,0	56,31	128,46
775	0,827	14,65	182,98	1,77	1,2	2,0	56,41	126,57
776	0,823	14,56	184,32	1,77	1,3	2,0	56,51	127,81
777	0,836	14,36	190,34	1,72	1,2	2,0	56,60	133,74
778	0,836	14,36	190,34	1,72	1,2	2,0	56,70	133,64
779	0,836	14,56	196,62	1,74	1,2	2,1	56,80	139,82
780	0,871	13,11	207,49	1,51	1,2	2,1	56,90	150,59

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
781	0,897	12,57	209,28	1,40	1,2	2,0	57,00	152,28
782	0,893	13,44	203,90	1,51	1,3	2,0	57,09	146,81
783	0,893	13,44	203,90	1,51	1,3	2,0	57,19	146,71
784	0,880	14,19	197,61	1,61	1,2	2,0	57,29	140,32
785	0,849	14,90	191,60	1,76	1,2	2,0	57,39	134,21
786	0,810	15,52	184,86	1,92	1,3	2,0	57,49	127,37
787	0,779	15,19	248,16	1,95	1,2	1,9	57,58	190,58
788	0,779	15,19	248,16	1,95	1,2	1,9	57,68	190,48
789	0,775	15,27	249,06	1,97	1,2	2,0	57,78	191,28
790	0,770	15,19	248,79	1,97	1,2	2,0	57,88	190,91
791	0,761	15,15	245,29	1,99	1,2	2,0	57,98	187,31
792	0,753	14,69	242,95	1,95	1,2	2,0	58,08	184,87
793	0,740	15,15	243,94	2,05	1,3	2,0	58,17	185,77
794	0,740	15,15	243,94	2,05	1,3	2,0	58,27	185,67
795	0,740	15,19	250,67	2,05	1,3	2,0	58,37	192,30
796	0,788	14,36	254,00	1,82	1,2	2,0	58,47	195,53
797	0,796	15,35	256,87	1,93	1,2	2,0	58,57	198,30
798	0,801	16,85	259,20	2,10	1,3	2,0	58,66	200,54
799	0,801	16,85	259,20	2,10	1,3	2,0	58,76	200,44
800	0,810	16,85	257,50	2,08	1,3	2,0	58,86	198,64
801	0,805	17,31	249,96	2,15	1,3	2,0	58,96	191,00
802	0,788	17,02	243,58	2,16	1,2	2,0	59,06	184,52
803	0,718	13,57	232,81	1,89	1,3	2,0	59,15	173,66
804	0,718	13,57	232,81	1,89	1,3	2,0	59,25	173,56
805	0,700	11,65	232,63	1,66	1,3	2,0	59,35	173,28
806	0,696	10,61	232,90	1,52	1,2	2,0	59,45	173,45
807	0,696	8,74	242,23	1,26	1,3	2,1	59,55	182,68
808	0,718	8,28	254,09	1,15	1,3	2,0	59,64	194,45
809	0,757	8,07	251,93	1,07	1,3	2,0	59,74	192,19
810	0,757	8,07	251,93	1,07	1,3	2,0	59,84	192,09
811	0,748	8,11	247,71	1,08	1,3	2,0	59,94	187,77
812	0,722	8,11	251,66	1,12	1,3	2,0	60,04	191,62
813	0,726	7,99	248,07	1,10	1,3	2,0	60,14	187,93
814	0,705	7,49	236,22	1,06	1,3	2,1	60,23	175,99
815	0,705	7,49	236,22	1,06	1,3	2,1	60,33	175,89
816	0,674	6,87	237,92	1,02	1,3	2,0	60,43	177,49
817	0,678	6,41	245,20	0,95	1,3	2,0	60,53	184,67
818	0,718	5,37	260,82	0,75	1,3	2,0	60,63	200,19
819	0,740	5,12	268,63	0,69	1,3	2,0	60,72	207,91
820	0,792	5,08	279,22	0,64	1,3	2,0	60,82	218,40
821	0,792	5,08	279,22	0,64	1,3	2,0	60,92	218,30
822	0,814	5,45	283,98	0,67	1,3	2,0	61,02	222,96
823	0,849	7,37	291,43	0,87	1,3	2,0	61,12	230,31
824	0,853	8,53	294,67	1,00	1,3	2,0	61,21	233,46
825	0,880	10,03	292,24	1,14	1,3	2,0	61,31	230,93
826	0,880	10,03	292,24	1,14	1,3	2,0	61,41	230,83
827	0,871	10,99	289,64	1,26	1,3	2,0	61,51	228,13
828	0,853	14,06	286,77	1,65	1,3	2,0	61,61	225,16
829	0,845	15,31	287,75	1,81	1,3	2,0	61,70	226,05
830	0,823	17,19	286,32	2,09	1,3	2,0	61,80	224,52
831	0,823	17,19	286,32	2,09	1,3	2,0	61,90	224,42
832	0,801	16,60	285,06	2,07	1,3	2,0	62,00	223,06
833	0,796	15,44	281,11	1,94	1,3	2,0	62,10	219,01
834	0,779	14,61	273,48	1,88	1,3	2,0	62,20	211,28
835	0,766	14,06	274,56	1,84	1,3	2,1	62,29	212,27
836	0,770	11,69	285,42	1,52	1,3	2,0	62,39	223,03
837	0,770	11,69	285,42	1,52	1,3	2,0	62,49	222,93
838	0,796	10,40	294,13	1,31	1,3	2,0	62,59	231,54
839	0,818	10,24	300,05	1,25	1,3	2,0	62,69	237,36
840	0,845	8,20	306,97	0,97	1,3	2,1	62,78	244,19
841	0,867	7,95	312,44	0,92	1,3	2,0	62,88	249,56
842	0,884	7,70	316,30	0,87	1,3	2,0	62,98	253,32
843	0,884	7,70	316,30	0,87	1,3	2,0	63,08	253,22
844	0,880	7,99	315,59	0,91	1,3	2,0	63,18	252,41
845	0,880	9,20	313,79	1,05	1,3	2,0	63,27	250,52

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
846	0,875	9,95	310,74	1,14	1,3	2,0	63,37	247,37
847	0,853	12,90	304,36	1,51	1,3	2,0	63,47	240,89
848	0,853	12,90	304,36	1,51	1,3	2,0	63,57	240,79
849	0,845	13,94	306,52	1,65	1,3	2,0	63,67	242,85
850	0,849	14,44	305,98	1,70	1,3	2,0	63,77	242,21
851	0,845	15,31	301,40	1,81	1,3	2,0	63,86	237,54
852	0,814	16,56	285,42	2,03	1,3	2,0	63,96	221,46
853	0,814	16,56	285,42	2,03	1,3	2,0	64,06	221,36
854	0,801	17,39	275,27	2,17	1,3	2,0	64,16	211,11
855	0,779	17,81	267,91	2,29	1,3	2,1	64,26	203,65
856	0,766	18,27	261,18	2,39	1,3	2,0	64,35	196,83
857	0,753	18,64	262,88	2,48	1,3	2,0	64,45	198,43
858	0,740	18,64	265,40	2,52	1,3	2,0	64,55	200,85
859	0,740	18,64	265,40	2,52	1,3	2,0	64,65	200,75
860	0,740	17,77	271,50	2,40	1,3	2,0	64,75	206,75
861	0,761	15,98	287,30	2,10	1,3	2,0	64,84	222,46
862	0,779	15,23	297,63	1,96	1,3	2,0	64,94	232,69
863	0,818	14,52	312,08	1,78	1,4	2,0	65,04	247,04
864	0,818	14,52	312,08	1,78	1,4	2,0	65,14	246,94
865	0,836	14,31	317,65	1,71	1,4	2,0	65,24	252,41
866	0,849	14,36	320,08	1,69	1,3	2,0	65,33	254,75
867	0,853	15,19	314,78	1,78	1,4	2,0	65,43	249,35
868	0,840	15,73	310,38	1,87	1,3	2,0	65,53	244,85
869	0,796	16,56	301,40	2,08	1,4	2,0	65,63	235,77
870	0,796	16,56	301,40	2,08	1,4	2,0	65,73	235,67
871	0,788	16,35	299,16	2,07	1,4	2,0	65,83	233,33
872	0,775	16,69	307,24	2,15	1,4	2,0	65,92	241,32
873	0,788	16,15	314,06	2,05	1,4	2,0	66,02	248,04
874	0,823	14,81	325,46	1,80	1,4	2,0	66,12	259,34
875	0,823	14,81	325,46	1,80	1,4	2,0	66,22	259,24
876	0,832	14,44	328,34	1,74	1,4	2,0	66,32	262,02
877	0,849	13,52	330,49	1,59	1,4	2,0	66,41	264,08
878	0,858	13,48	331,48	1,57	1,3	2,0	66,51	264,97
879	0,867	13,81	331,57	1,59	1,4	2,0	66,61	264,96
880	0,867	13,81	331,57	1,59	1,4	2,0	66,71	264,86
881	0,871	14,40	333,00	1,65	1,4	2,0	66,81	266,19
882	0,871	14,94	334,80	1,72	1,4	2,0	66,90	267,90
883	0,875	15,85	334,71	1,81	1,4	2,0	67,00	267,71
884	0,875	16,64	331,57	1,90	1,4	2,0	67,10	264,47
885	0,867	18,23	328,25	2,10	1,4	2,0	67,20	261,05
886	0,867	18,23	328,25	2,10	1,4	2,0	67,30	260,95
887	0,976	20,18	364,88	2,07	1,4	2,1	67,39	297,49
888	0,976	20,18	364,88	2,07	1,4	2,1	67,49	297,39
889	0,928	21,47	355,72	2,31	1,4	2,0	67,59	288,13
890	0,906	21,26	350,51	2,35	1,4	2,0	67,69	282,82
891	0,880	20,47	343,06	2,33	1,4	2,0	67,79	275,27
892	0,880	20,47	343,06	2,33	1,4	2,0	67,89	275,17
893	0,867	19,93	338,12	2,30	1,4	2,0	67,98	270,14
894	0,849	19,31	334,35	2,27	1,4	2,0	68,08	266,27
895	0,827	17,02	337,13	2,06	1,4	2,0	68,18	268,95
896	0,836	15,90	342,79	1,90	1,4	2,0	68,28	274,51
897	0,862	13,57	358,50	1,57	1,4	2,0	68,38	290,12
898	0,862	13,57	358,50	1,57	1,4	2,0	68,47	290,03
899	0,937	11,98	393,16	1,28	1,4	2,0	68,57	324,59
900	1,028	10,86	427,01	1,06	1,4	2,0	68,67	358,34
901	1,317	10,61	509,97	0,81	1,4	2,0	68,77	441,20
902	1,317	10,61	509,97	0,81	1,4	2,0	68,87	441,10
903	1,505	10,44	547,94	0,69	1,4	2,0	68,96	478,98
904	1,698	10,69	573,62	0,63	1,4	2,0	69,06	504,56
905	2,070	13,98	609,71	0,68	1,4	2,0	69,16	540,55
906	2,232	17,06	589,78	0,76	1,4	2,1	69,26	520,52
907	2,512	24,93	165,65	0,99	1,4	2,0	69,36	96,29
908	2,512	24,93	165,65	0,99	1,4	2,0	69,45	96,20
909	2,582	29,67	160,80	1,15	1,4	2,0	69,55	91,25
910	2,643	37,41	199,59	1,42	1,4	2,0	69,65	129,94

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
911	2,652	40,57	208,03	1,53	1,4	2,0	69,75	138,28
912	2,626	40,74	216,83	1,55	1,4	2,0	69,85	146,98
913	2,626	40,74	216,83	1,55	1,4	2,0	69,95	146,88
914	2,604	38,57	220,24	1,48	1,4	2,0	70,04	150,20
915	2,573	29,38	226,16	1,14	1,4	2,0	70,14	156,02
916	2,560	26,67	227,96	1,04	1,4	2,0	70,24	157,72
917	2,547	23,30	238,19	0,91	1,4	2,0	70,34	167,85
918	2,547	23,30	238,19	0,91	1,4	2,0	70,44	167,75
919	2,556	22,51	246,90	0,88	1,4	2,0	70,53	176,37
920	2,569	24,01	258,66	0,93	1,4	2,0	70,63	188,03
921	2,565	25,76	257,77	1,00	1,4	1,9	70,73	187,04
922	2,442	26,71	238,10	1,09	1,4	2,0	70,83	167,27
923	2,442	26,71	238,10	1,09	1,4	2,0	70,93	167,17
924	2,324	25,92	216,02	1,12	1,4	2,0	71,02	145,00
925	2,149	25,22	188,09	1,17	1,4	2,0	71,12	116,97
926	1,720	21,68	130,54	1,26	1,4	2,0	71,22	59,32
927	1,488	18,85	107,74	1,27	1,4	2,1	71,32	36,42
928	1,151	14,61	87,72	1,27	1,4	2,0	71,42	16,30
929	1,151	14,61	87,72	1,27	1,4	2,0	71,51	16,21
930	1,024	13,36	86,91	1,30	1,4	2,1	71,61	15,30
931	0,919	12,82	107,74	1,39	1,4	2,0	71,71	36,03
932	0,958	13,73	130,36	1,43	1,4	2,0	71,81	58,55
933	1,116	15,69	177,59	1,41	1,4	2,0	71,91	105,68
934	1,116	15,69	177,59	1,41	1,4	2,0	72,01	105,58
935	1,199	16,52	196,27	1,38	1,4	2,0	72,10	124,17
936	1,274	17,31	206,23	1,36	1,4	2,0	72,20	134,03
937	1,383	20,18	214,40	1,46	1,4	2,0	72,30	142,10
938	1,383	21,55	210,90	1,56	1,4	2,0	72,40	138,50
939	1,348	23,88	202,82	1,77	1,6	2,0	72,50	130,32
940	1,348	23,88	202,82	1,77	1,6	2,0	72,59	130,23
941	1,322	23,01	199,41	1,74	1,6	2,0	72,69	126,72
942	1,313	21,22	214,22	1,62	1,4	2,0	72,79	141,43
943	1,352	21,85	231,46	1,62	1,6	2,0	72,89	158,57
944	1,466	23,55	267,91	1,61	1,6	2,0	72,99	194,92
945	1,466	23,55	267,91	1,61	1,6	2,0	73,08	194,83
946	1,532	25,92	271,86	1,69	1,6	2,0	73,18	198,68
947	1,523	30,46	237,65	2,00	1,4	2,0	73,28	164,37
948	1,449	32,37	215,12	2,23	1,4	2,0	73,38	141,74
949	1,212	29,04	172,38	2,40	1,6	2,0	73,48	98,90
950	1,212	29,04	172,38	2,40	1,6	2,0	73,58	98,80
951	1,085	28,96	160,44	2,67	1,6	2,0	73,67	86,77
952	0,888	24,01	162,96	2,70	1,6	2,0	73,77	89,19
953	0,880	21,10	171,75	2,40	1,6	2,0	73,87	97,88
954	0,963	20,51	210,72	2,13	1,6	2,0	73,97	136,75
955	0,963	20,51	210,72	2,13	1,6	2,0	74,07	136,65
956	1,042	20,39	248,70	1,96	1,6	2,0	74,16	174,54
957	1,138	20,10	295,83	1,77	1,6	2,0	74,26	221,57
958	1,287	19,60	304,27	1,52	1,6	2,0	74,36	229,91
959	1,300	18,89	290,36	1,45	1,6	2,0	74,46	215,90
960	1,208	19,72	243,67	1,63	1,6	2,0	74,56	169,11
961	1,208	19,72	243,67	1,63	1,6	2,0	74,65	169,02
962	1,107	19,31	220,69	1,74	1,6	2,1	74,75	145,94
963	0,902	16,94	260,19	1,88	1,6	2,0	74,85	185,34
964	0,849	15,60	271,14	1,84	1,6	2,0	74,95	196,19
965	0,845	14,27	289,46	1,69	1,6	2,0	75,05	214,41
966	0,845	14,27	289,46	1,69	1,6	2,0	75,14	214,32
967	0,849	14,36	295,21	1,69	1,6	2,0	75,24	219,97
968	0,867	15,77	302,48	1,82	1,6	2,0	75,34	227,14
969	0,875	16,27	301,22	1,86	1,6	2,0	75,44	225,78
970	0,862	18,43	299,87	2,14	1,6	2,0	75,54	224,33
971	0,862	18,43	299,87	2,14	1,6	2,0	75,64	224,23
972	0,849	18,31	300,32	2,16	1,6	2,0	75,73	224,59
973	0,832	17,77	300,50	2,14	1,6	2,0	75,83	224,67
974	0,827	16,81	300,77	2,03	1,6	2,0	75,93	224,84
975	0,814	15,15	299,60	1,86	1,6	2,0	76,03	223,57



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
976	0,814	15,15	299,60	1,86	1,6	2,0	76,13	223,47
977	0,801	13,77	299,60	1,72	1,6	2,0	76,22	223,38
978	0,792	13,15	300,23	1,66	1,6	2,1	76,32	223,91
979	0,713	11,24	273,84	1,58	1,6	2,0	76,42	197,42
980	0,840	10,69	332,47	1,27	1,6	2,0	76,52	255,95
981	0,840	10,69	332,47	1,27	1,6	2,0	76,62	255,85
982	0,849	10,19	337,85	1,20	1,6	2,0	76,71	261,14
983	0,862	9,53	340,46	1,11	1,6	2,0	76,81	263,65
984	0,871	9,53	340,10	1,09	1,7	2,0	76,91	263,19
985	0,867	9,07	340,10	1,05	1,7	2,0	77,01	263,09
986	0,906	12,86	410,22	1,42	1,7	2,0	77,11	333,11
987	0,906	12,86	410,22	1,42	1,7	2,0	77,20	333,02
988	0,910	13,65	404,11	1,50	1,6	2,1	77,30	326,81
989	0,880	15,65	392,98	1,78	1,7	2,0	77,40	315,58
990	0,862	16,39	389,48	1,90	1,6	2,0	77,50	311,98
991	0,845	16,89	385,62	2,00	1,7	2,0	77,60	308,02
992	0,845	16,89	385,62	2,00	1,7	2,0	77,70	307,92
993	0,840	17,19	386,25	2,05	1,7	2,0	77,79	308,46
994	0,832	16,98	392,71	2,04	1,6	2,0	77,89	314,82
995	0,845	16,73	396,75	1,98	1,7	2,0	77,99	318,76
996	0,858	15,94	403,84	1,86	1,7	2,0	78,09	325,75
997	0,858	15,94	403,84	1,86	1,7	2,0	78,19	325,65
998	0,867	15,48	405,55	1,79	1,7	2,0	78,28	327,27
999	0,880	15,06	409,32	1,71	1,7	2,0	78,38	330,94
1000	0,880	14,61	407,34	1,66	1,7	2,0	78,48	328,86
1001	0,858	13,02	404,47	1,52	1,7	2,0	78,58	325,89
1002	0,858	13,02	404,47	1,52	1,7	2,0	78,68	325,79
1003	0,849	12,19	403,12	1,44	1,7	2,0	78,77	324,35
1004	0,836	11,11	400,34	1,33	1,7	2,0	78,87	321,47
1005	0,832	10,61	400,70	1,28	1,7	2,0	78,97	321,73
1006	0,832	9,86	401,42	1,19	1,7	2,0	79,07	322,35
1007	0,832	9,86	401,42	1,19	1,7	2,0	79,17	322,25
1008	0,827	9,57	402,23	1,16	1,7	2,1	79,26	322,97
1009	0,823	9,36	404,65	1,14	1,7	2,0	79,36	325,29
1010	0,840	9,03	415,25	1,08	1,7	2,0	79,46	335,79
1011	0,853	8,66	425,48	1,02	1,7	2,0	79,56	345,92
1012	0,919	8,03	451,34	0,87	1,7	2,0	79,66	371,68
1013	0,919	8,03	451,34	0,87	1,7	2,0	79,76	371,58
1014	0,963	7,95	464,63	0,83	1,7	2,0	79,85	384,78
1015	1,037	8,78	478,09	0,85	1,7	2,0	79,95	398,14
1016	1,059	9,07	478,99	0,86	1,7	2,0	80,05	398,94
1017	1,112	10,65	492,55	0,96	1,7	2,0	80,15	412,40
1018	1,112	10,65	492,55	0,96	1,7	2,0	80,25	412,30
1019	1,142	11,53	495,06	1,01	1,7	2,0	80,34	414,72
1020	1,142	13,23	492,37	1,16	1,7	2,0	80,44	411,93
1021	1,142	13,73	488,87	1,20	1,7	2,0	80,54	408,33
1022	1,120	14,69	469,83	1,31	1,7	2,0	80,64	389,19
1023	1,120	14,69	469,83	1,31	1,7	2,0	80,74	389,09
1024	1,085	15,44	462,65	1,42	1,7	2,0	80,83	381,82
1025	1,037	15,31	456,90	1,48	1,7	2,0	80,93	375,97
1026	1,007	14,48	445,50	1,44	1,7	2,0	81,03	364,47
1027	0,980	14,27	437,51	1,46	1,7	2,0	81,13	356,38
1028	0,937	13,11	431,23	1,40	1,7	2,0	81,23	350,00
1029	0,937	13,11	431,23	1,40	1,7	2,0	81,32	349,91
1030	0,928	12,44	431,68	1,34	1,7	2,1	81,42	350,26
1031	0,923	10,94	436,97	1,19	1,7	2,0	81,52	355,45
1032	0,923	10,07	439,67	1,09	1,7	2,0	81,62	358,05
1033	0,932	9,15	442,63	0,98	1,7	2,0	81,72	360,91
1034	0,932	9,15	442,63	0,98	1,7	2,0	81,82	360,81
1035	0,928	8,74	445,50	0,94	1,7	2,1	81,91	363,59
1036	0,945	8,16	454,57	0,86	1,7	2,0	82,01	372,56
1037	0,954	8,03	458,61	0,84	1,8	2,0	82,11	376,50
1038	0,958	7,91	470,37	0,83	1,7	2,0	82,21	388,16
1039	0,958	7,91	470,37	0,83	1,7	2,0	82,31	388,06
1040	0,972	7,70	476,93	0,79	1,7	2,0	82,40	394,53

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1041	0,989	7,32	480,61	0,74	1,8	2,0	82,50	398,11
1042	1,024	7,99	489,41	0,78	1,7	2,0	82,60	406,81
1043	1,042	8,61	492,55	0,83	1,7	2,0	82,70	409,85
1044	1,063	10,61	492,46	1,00	1,8	2,0	82,80	409,66
1045	1,063	10,61	492,46	1,00	1,8	2,0	82,89	409,57
1046	1,068	12,11	492,64	1,13	1,7	2,0	82,99	409,65
1047	1,072	15,52	486,17	1,45	1,8	2,0	83,09	403,08
1048	1,068	17,31	484,11	1,62	1,7	2,0	83,19	400,92
1049	1,055	20,76	480,07	1,97	1,7	2,0	83,29	396,78
1050	1,055	20,76	480,07	1,97	1,7	2,0	83,39	396,68
1051	1,050	22,14	475,85	2,11	1,8	2,0	83,48	392,37
1052	1,020	24,63	472,44	2,41	1,7	2,0	83,58	388,86
1053	1,015	25,34	471,54	2,50	1,8	2,0	83,68	387,86
1054	1,020	27,34	467,05	2,68	1,7	2,0	83,78	383,27
1055	1,020	27,34	467,05	2,68	1,7	2,0	83,88	383,17
1056	1,011	28,46	464,54	2,82	1,7	2,0	83,97	380,57
1057	0,998	29,25	463,55	2,93	1,7	2,0	84,07	379,48
1058	0,989	29,92	462,83	3,03	1,9	2,0	84,17	378,66
1059	0,989	29,50	462,29	2,98	1,7	2,0	84,27	378,02
1060	0,980	29,09	464,81	2,97	1,8	2,0	84,37	380,44
1061	0,980	29,09	464,81	2,97	1,8	2,0	84,46	380,35
1062	0,976	28,46	469,74	2,92	1,7	2,0	84,56	385,18
1063	0,993	25,42	478,99	2,56	1,8	2,0	84,66	394,33
1064	1,015	24,18	487,16	2,38	1,7	2,0	84,76	402,40
1065	1,055	21,26	505,84	2,02	1,9	2,0	84,86	420,98
1066	1,055	21,26	505,84	2,02	1,9	2,0	84,95	420,89
1067	1,090	19,81	515,44	1,82	1,7	2,0	85,05	430,39
1068	1,138	18,10	530,44	1,59	1,9	2,0	85,15	445,29
1069	1,168	17,23	533,22	1,48	1,9	2,0	85,25	447,97
1070	1,190	16,48	534,30	1,38	1,9	2,0	85,35	448,95
1071	1,190	16,48	534,30	1,38	1,9	2,0	85,45	448,85
1072	1,199	16,69	534,57	1,39	1,9	2,0	85,54	449,03
1073	1,208	17,39	534,30	1,44	1,8	2,0	85,64	448,66
1074	1,212	19,10	532,41	1,58	1,9	2,0	85,74	446,67
1075	1,217	20,10	529,99	1,65	1,9	2,0	85,84	444,15
1076	1,204	23,55	528,19	1,96	1,9	2,0	85,94	442,25
1077	1,204	23,55	528,19	1,96	1,9	2,0	86,03	442,16
1078	1,204	25,55	529,00	2,12	1,9	2,1	86,13	442,87
1079	1,199	28,46	529,63	2,37	1,8	2,0	86,23	443,40
1080	1,190	30,04	533,94	2,52	1,9	2,0	86,33	447,61
1081	1,208	31,83	542,83	2,63	1,9	2,0	86,43	456,40
1082	1,208	31,83	542,83	2,63	1,9	2,0	86,52	456,31
1083	1,221	32,33	546,69	2,65	1,9	2,0	86,62	460,07
1084	1,239	32,50	547,58	2,62	1,9	2,0	86,72	460,86
1085	1,260	34,45	557,19	2,73	1,9	2,0	86,82	470,37
1086	1,335	37,99	616,00	2,85	1,9	2,1	86,92	529,08
1087	1,335	37,99	616,00	2,85	1,9	2,1	87,01	528,99
1088	1,352	38,37	620,40	2,84	1,9	2,0	87,11	533,29
1089	1,365	38,86	620,94	2,85	1,9	2,0	87,21	533,73
1090	1,392	39,95	625,61	2,87	1,9	2,0	87,31	538,30
1091	1,409	40,49	623,00	2,87	1,9	2,0	87,41	535,59
1092	1,422	42,73	621,66	3,00	1,9	1,9	87,51	534,15
1093	1,422	42,73	621,66	3,00	1,9	1,9	87,60	534,06
1094	1,444	44,02	619,50	3,05	1,9	2,0	87,70	531,80
1095	1,440	48,69	618,06	3,38	1,9	2,0	87,80	530,26
1096	1,431	50,89	621,21	3,56	1,9	2,0	87,90	533,31
1097	1,422	54,09	619,59	3,80	1,9	2,0	88,00	531,59
1098	1,422	54,09	619,59	3,80	1,9	2,0	88,09	531,50
1099	1,405	55,63	618,69	3,96	1,9	2,0	88,19	530,50
1100	1,383	56,38	615,19	4,08	1,9	2,0	88,29	526,90
1101	1,383	56,38	610,97	4,08	1,9	2,0	88,39	522,58
1102	1,365	57,17	598,67	4,19	1,9	2,0	88,49	510,18
1103	1,365	57,17	598,67	4,19	1,9	2,0	88,58	510,09
1104	1,348	58,13	593,10	4,31	1,9	2,0	88,68	504,42
1105	1,330	58,80	586,28	4,42	1,9	2,1	88,78	497,50

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1106	1,282	59,96	569,04	4,68	1,9	2,0	88,88	480,16
1107	1,265	60,13	560,69	4,75	1,9	2,0	88,98	471,71
1108	1,208	59,25	544,71	4,90	1,9	2,0	89,07	455,64
1109	1,208	59,25	544,71	4,90	1,9	2,0	89,17	455,54
1110	1,182	58,01	533,76	4,91	1,9	2,0	89,27	444,49
1111	1,133	55,51	517,42	4,90	1,9	2,0	89,37	428,05
1112	1,103	54,68	511,40	4,96	1,9	2,0	89,47	421,93
1113	1,068	52,68	507,63	4,93	1,9	2,0	89,57	418,06
1114	1,068	52,68	507,63	4,93	1,9	2,0	89,66	417,97
1115	1,055	51,43	503,68	4,87	1,9	2,0	89,76	413,92
1116	1,020	48,64	494,25	4,77	1,9	2,0	89,86	404,39
1117	0,993	46,56	489,76	4,69	1,9	1,9	89,96	399,80
1118	0,941	41,78	480,16	4,44	1,9	2,0	90,06	390,10
1119	0,941	41,78	480,16	4,44	1,9	2,0	90,15	390,01
1120	0,928	38,28	474,14	4,13	1,9	2,0	90,25	383,89
1121	0,902	32,79	472,26	3,64	1,9	2,0	90,35	381,91
1122	0,897	30,00	477,11	3,34	1,9	2,0	90,45	386,66
1123	0,915	23,47	490,39	2,57	1,9	2,0	90,55	399,84
1124	0,915	23,47	490,39	2,57	1,9	2,0	90,64	399,75
1125	0,928	20,60	497,49	2,22	1,9	2,0	90,74	406,75
1126	0,967	15,56	517,78	1,61	1,9	2,0	90,84	426,94
1127	0,989	13,90	525,50	1,41	1,9	2,1	90,94	434,56
1128	1,028	11,32	533,13	1,10	1,9	2,1	91,04	442,09
1129	1,028	11,32	533,13	1,10	1,9	2,1	91,13	442,00
1130	1,042	10,24	533,22	0,98	1,9	2,0	91,23	441,99
1131	1,050	9,11	523,34	0,87	1,9	2,0	91,33	432,01
1132	1,028	8,28	518,32	0,81	1,9	2,0	91,43	426,89
1133	0,998	7,70	506,73	0,77	1,9	2,0	91,53	415,20
1134	0,998	7,70	506,73	0,77	1,9	2,0	91,63	415,10
1135	0,976	7,45	497,76	0,76	2,0	2,0	91,72	406,04
1136	0,945	7,41	496,23	0,78	2,0	2,0	91,82	404,41
1137	0,906	7,03	498,29	0,78	1,9	2,0	91,92	406,37
1138	0,902	6,87	498,56	0,76	1,9	2,0	92,02	406,54
1139	0,919	6,91	515,53	0,75	1,9	2,0	92,12	423,41
1140	0,919	6,91	515,53	0,75	1,9	2,0	92,21	423,32
1141	0,950	7,12	524,42	0,75	1,9	2,0	92,31	432,11
1142	1,015	7,86	543,90	0,77	1,9	2,0	92,41	451,49
1143	1,037	8,28	552,52	0,80	1,9	2,0	92,51	460,01
1144	1,072	8,95	554,23	0,83	1,9	2,0	92,61	461,62
1145	1,072	8,95	554,23	0,83	1,9	2,0	92,70	461,53
1146	1,059	8,90	539,77	0,84	2,1	2,0	92,80	446,97
1147	0,985	9,45	511,94	0,96	2,0	2,0	92,90	419,04
1148	0,958	9,74	502,78	1,02	1,9	2,0	93,00	409,78
1149	0,897	9,65	495,51	1,08	2,0	2,0	93,10	402,41
1150	0,897	9,65	495,51	1,08	2,0	2,0	93,20	402,31
1151	0,880	9,11	497,13	1,04	1,9	2,0	93,29	403,84
1152	0,884	8,32	504,85	0,94	2,1	2,0	93,39	411,46
1153	0,884	8,32	506,91	0,94	2,0	2,0	93,49	413,42
1154	0,902	8,36	515,35	0,93	2,1	2,0	93,59	421,76
1155	0,902	8,36	515,35	0,93	2,1	2,0	93,69	421,66
1156	0,910	8,90	517,96	0,98	2,0	2,0	93,78	424,18
1157	0,915	8,61	528,01	0,94	2,1	2,0	93,88	434,13
1158	0,928	8,28	533,31	0,89	1,9	2,0	93,98	439,33
1159	0,950	7,41	545,25	0,78	2,1	2,0	94,08	451,17
1160	0,950	7,41	545,25	0,78	2,1	2,0	94,18	451,07
1161	0,972	6,91	552,25	0,71	2,1	2,1	94,27	457,98
1162	1,020	7,12	565,36	0,70	2,1	2,0	94,37	470,99
1163	1,037	7,28	569,22	0,70	2,1	2,0	94,47	474,75
1164	1,063	8,41	570,03	0,79	2,1	2,0	94,57	475,46
1165	1,063	8,41	570,03	0,79	2,1	2,0	94,67	475,36
1166	1,077	9,86	569,04	0,92	2,1	2,0	94,76	474,28
1167	1,085	13,19	570,48	1,22	2,1	2,0	94,86	475,62
1168	1,090	14,77	569,04	1,36	2,1	2,0	94,96	474,08
1169	1,090	17,60	570,03	1,61	2,1	2,0	95,06	474,97
1170	1,090	17,60	570,03	1,61	2,1	2,0	95,16	474,87

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1171	1,094	18,89	570,84	1,73	2,1	2,0	95,26	475,58
1172	1,103	21,47	567,88	1,95	2,1	2,0	95,35	472,53
1173	1,103	23,05	564,82	2,09	2,1	2,0	95,45	469,37
1174	1,094	26,63	556,20	2,43	2,1	2,0	95,55	460,65
1175	1,094	26,63	556,20	2,43	2,1	2,0	95,65	460,55
1176	1,081	28,17	557,46	2,61	2,1	2,0	95,75	461,71
1177	1,081	29,71	563,93	2,75	2,1	2,0	95,84	468,09
1178	1,085	29,92	568,59	2,76	2,1	2,0	95,94	472,65
1179	1,116	29,59	581,52	2,65	2,1	2,0	96,04	485,48
1180	1,116	29,59	581,52	2,65	2,1	2,0	96,14	485,38
1181	1,133	29,50	588,62	2,60	2,1	2,0	96,24	492,38
1182	1,168	28,88	590,41	2,47	2,1	2,0	96,33	494,08
1183	1,173	28,79	589,60	2,45	2,1	2,0	96,43	493,17
1184	0,788	24,93	630,72	3,16	2,1	1,9	96,53	534,19
1185	0,788	24,93	630,72	3,16	2,1	1,9	96,63	534,09
1186	1,260	25,34	634,67	2,01	2,1	2,0	96,73	537,94
1187	1,252	26,26	634,31	2,10	2,1	2,0	96,82	537,49
1188	1,269	26,22	645,90	2,07	2,1	2,0	96,92	548,98
1189	1,269	26,22	645,90	2,07	2,1	2,0	97,02	548,88
1190	1,304	26,17	646,79	2,01	2,1	2,0	97,12	549,67
1191	1,348	28,42	668,07	2,11	2,1	2,0	97,22	570,85
1192	1,370	28,92	674,54	2,11	2,1	2,0	97,32	577,22
1193	1,453	28,96	692,67	1,99	2,1	2,0	97,41	595,26
1194	1,453	28,96	692,67	1,99	2,1	2,0	97,51	595,16
1195	1,492	29,54	691,87	1,98	2,1	1,9	97,61	594,26
1196	1,523	32,46	683,61	2,13	2,1	2,0	97,71	585,90
1197	1,523	34,12	681,36	2,24	2,1	2,0	97,81	583,55
1198	1,575	37,66	687,11	2,39	2,1	2,0	97,90	589,21
1199	1,575	37,66	687,11	2,39	2,1	2,0	98,00	589,11
1200	1,562	40,03	736,13	2,56	2,1	2,0	98,10	638,03
1201	1,597	44,57	735,14	2,79	2,1	1,9	98,20	636,94
1202	1,611	46,40	742,77	2,88	2,1	2,0	98,30	644,47
1203	1,624	49,73	751,39	3,06	2,1	2,0	98,39	653,00
1204	1,624	49,73	751,39	3,06	2,1	2,0	98,49	652,90
1205	1,646	50,18	746,72	3,05	2,1	2,0	98,59	648,13
1206	1,676	54,09	756,24	3,23	2,2	2,0	98,69	657,55
1207	1,689	55,88	759,74	3,31	2,1	2,0	98,79	660,95
1208	1,742	58,92	765,76	3,38	2,1	2,0	98,88	666,88
1209	1,742	58,92	765,76	3,38	2,1	2,0	98,98	666,78
1210	1,781	59,71	771,50	3,35	2,2	2,0	99,08	672,42
1211	1,803	60,71	773,30	3,37	2,1	2,0	99,18	674,12
1212	1,807	61,71	774,38	3,42	2,1	2,0	99,28	675,10
1213	1,821	61,83	763,96	3,40	2,1	2,0	99,38	664,58
1214	1,821	61,83	763,96	3,40	2,1	2,0	99,47	664,49
1215	1,803	62,75	755,07	3,48	2,2	2,0	99,57	655,50
1216	1,751	65,20	730,65	3,72	2,1	2,0	99,67	630,98
1217	1,711	67,08	720,69	3,92	2,2	2,0	99,77	620,92
1218	1,659	70,53	701,56	4,25	2,2	2,0	99,87	601,69
1219	1,659	70,53	701,56	4,25	2,2	2,0	99,96	601,60
1220	1,632	71,24	695,01	4,37	2,2	2,0	100,06	594,95
1221	1,558	71,99	688,81	4,62	2,2	2,0	100,16	588,65
1222	1,532	72,28	687,56	4,72	2,2	2,0	100,26	587,30
1223	1,545	71,45	675,17	4,62	2,1	1,9	100,36	574,81
1224	1,545	71,45	675,17	4,62	2,1	1,9	100,45	574,72
1225	1,505	73,24	661,88	4,87	2,2	2,0	100,55	561,33
1226	1,475	73,44	658,92	4,98	2,2	2,0	100,65	558,27
1227	1,466	73,40	658,02	5,01	2,2	2,0	100,75	557,27
1228	1,466	73,40	658,02	5,01	2,2	2,0	100,85	557,17
1229	1,462	73,40	657,30	5,02	2,2	2,0	100,94	556,36
1230	1,431	73,07	663,40	5,11	2,2	2,0	101,04	562,36
1231	1,440	70,66	665,65	4,91	2,2	2,0	101,14	564,51
1232	1,431	67,45	669,42	4,71	2,2	2,0	101,24	568,18
1233	1,431	67,45	669,42	4,71	2,2	2,0	101,34	568,08
1234	1,431	65,54	671,84	4,58	2,2	2,0	101,44	570,40
1235	1,453	62,04	670,05	4,27	2,2	2,0	101,53	568,52

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1236	1,470	59,80	672,92	4,07	2,2	2,0	101,63	571,29
1237	1,475	59,71	673,46	4,05	2,2	2,0	101,73	571,73
1238	1,492	59,67	687,74	4,00	2,2	2,0	101,83	585,91
1239	1,492	59,67	687,74	4,00	2,2	2,0	101,93	585,81
1240	1,505	58,30	695,01	3,87	2,2	2,0	102,02	592,99
1241	1,558	55,18	711,80	3,54	2,2	2,0	102,12	609,68
1242	1,584	54,22	719,70	3,42	2,2	2,0	102,22	617,48
1243	1,646	52,26	739,63	3,17	2,2	2,0	102,32	637,31
1244	1,646	52,26	739,63	3,17	2,2	2,0	102,42	637,21
1245	1,685	52,06	741,43	3,09	2,2	2,0	102,51	638,92
1246	1,702	55,55	739,09	3,26	2,2	2,0	102,61	636,48
1247	1,672	57,88	738,91	3,46	2,2	2,0	102,71	636,20
1248	1,654	59,55	736,13	3,60	2,2	2,0	102,81	633,32
1249	1,654	59,55	736,13	3,60	2,2	2,0	102,91	633,22
1250	1,659	59,67	728,05	3,60	2,2	1,9	103,01	625,04
1251	1,646	60,38	721,05	3,67	2,2	2,0	103,10	617,95
1252	1,611	62,29	710,72	3,87	2,2	2,0	103,20	607,52
1253	1,611	62,29	710,72	3,87	2,2	2,0	103,30	607,42
1254	1,584	63,75	711,80	4,02	2,2	2,0	103,40	608,40
1255	1,571	65,41	708,30	4,16	2,2	2,0	103,50	604,80
1256	1,554	66,41	706,50	4,27	2,2	2,0	103,59	602,91
1257	1,554	67,16	699,68	4,32	2,2	2,0	103,69	595,99
1258	1,536	68,37	696,80	4,45	2,2	2,0	103,79	593,01
1259	1,536	68,37	696,80	4,45	2,2	2,0	103,89	592,91
1260	1,523	68,16	698,87	4,48	2,2	2,0	103,99	594,88
1261	1,514	65,95	697,25	4,36	2,2	2,0	104,08	593,17
1262	1,505	65,58	698,87	4,36	2,2	2,0	104,18	594,69
1263	1,501	65,62	704,61	4,37	2,3	2,0	104,28	600,33
1264	1,501	65,62	704,61	4,37	2,3	2,0	104,38	600,23
1265	1,514	65,00	705,87	4,29	2,2	1,9	104,48	601,39
1266	1,523	64,21	710,18	4,22	2,2	2,0	104,57	605,61
1267	1,536	64,25	706,23	4,18	2,2	2,0	104,67	601,56
1268	1,519	64,91	727,60	4,27	2,2	2,0	104,77	622,83
1269	1,519	64,91	727,60	4,27	2,2	2,0	104,87	622,73
1270	1,589	65,00	749,60	4,09	2,2	2,0	104,97	644,63
1271	1,602	65,37	743,94	4,08	2,2	1,9	105,07	638,87
1272	1,615	66,87	751,30	4,14	2,2	2,0	105,16	646,14
1273	1,615	66,87	751,30	4,14	2,2	2,0	105,26	646,04
1274	1,637	67,99	747,35	4,15	2,2	1,9	105,36	641,99
1275	1,611	69,82	754,26	4,33	2,2	2,0	105,46	648,80
1276	1,628	70,82	757,68	4,35	2,2	2,0	105,56	652,12
1277	1,663	72,61	755,61	4,37	2,2	2,0	105,65	649,96
1278	1,663	72,61	755,61	4,37	2,2	2,0	105,75	649,86
1279	1,667	73,74	757,50	4,42	2,2	2,0	105,85	651,65
1280	1,681	75,27	755,88	4,48	2,3	2,0	105,95	649,93
1281	1,681	76,90	758,84	4,57	2,2	2,0	106,05	652,79
1282	1,681	80,18	769,44	4,77	2,3	2,0	106,14	663,30
1283	1,681	80,18	769,44	4,77	2,3	2,0	106,24	663,20
1284	1,698	82,51	777,79	4,86	2,2	2,0	106,34	671,45
1285	1,777	86,88	775,90	4,89	2,4	1,9	106,44	669,46
1286	1,777	86,88	775,90	4,89	2,4	1,9	106,54	669,36
1287	1,821	87,80	785,06	4,82	2,4	2,0	106,63	678,43
1288	1,851	88,80	794,58	4,80	2,3	2,0	106,73	687,85
1289	1,930	89,76	808,94	4,65	2,4	2,0	106,83	702,11
1290	1,978	89,63	813,16	4,53	2,3	1,9	106,93	706,23
1291	2,061	90,92	818,37	4,41	2,4	2,0	107,03	711,34
1292	2,061	90,92	818,37	4,41	2,4	2,0	107,13	711,24
1293	2,092	92,67	806,25	4,43	2,3	2,0	107,22	699,03
1294	2,074	95,04	803,56	4,58	2,3	2,0	107,32	696,24
1295	2,057	98,24	781,56	4,78	2,3	2,0	107,42	674,14
1296	2,057	98,24	781,56	4,78	2,3	2,0	107,52	674,04
1297	2,035	100,45	775,27	4,94	2,3	2,0	107,62	667,65
1298	2,000	103,90	766,74	5,20	2,4	2,0	107,71	659,03
1299	1,982	106,69	768,18	5,38	2,3	1,9	107,81	660,37
1300	2,004	110,89	778,33	5,53	2,3	2,0	107,91	670,42

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1301	2,004	110,89	778,33	5,53	2,3	2,0	108,01	670,32
1302	2,061	114,64	790,90	5,56	2,3	2,0	108,11	682,79
1303	2,088	118,09	805,17	5,66	2,3	2,0	108,20	696,97
1304	2,171	124,63	838,57	5,74	2,4	2,0	108,30	730,27
1305	2,171	124,63	838,57	5,74	2,4	2,0	108,40	730,17
1306	2,228	126,41	851,32	5,67	2,4	2,0	108,50	742,82
1307	2,289	127,83	860,48	5,58	2,3	2,0	108,60	751,88
1308	2,411	130,58	889,57	5,42	2,4	2,0	108,69	780,88
1309	2,486	131,57	900,43	5,29	2,3	2,0	108,79	791,64
1310	2,630	133,82	904,38	5,09	2,3	2,0	108,89	795,49
1311	2,630	133,82	904,38	5,09	2,3	2,0	108,99	795,39
1312	2,687	138,90	907,34	5,17	2,4	2,0	109,09	798,25
1313	2,726	140,77	911,03	5,16	2,3	2,0	109,19	801,84
1314	2,748	147,35	920,00	5,36	2,3	2,0	109,28	810,72
1315	2,748	147,35	920,00	5,36	2,3	2,0	109,38	810,62
1316	2,744	149,43	922,70	5,45	2,3	1,9	109,48	813,22
1317	2,731	153,63	919,11	5,63	2,3	1,9	109,58	809,53
1318	2,757	152,80	917,76	5,54	2,4	1,9	109,68	808,08
1319	2,757	158,62	928,80	5,75	2,4	2,0	109,77	819,03
1320	2,757	158,62	928,80	5,75	2,4	2,0	109,87	818,93
1321	2,779	160,24	934,46	5,77	2,4	2,0	109,97	824,49
1322	2,867	160,16	924,58	5,59	2,3	2,0	110,07	814,51
1323	2,884	164,45	927,37	5,70	2,4	2,0	110,17	817,20
1324	2,880	174,73	916,86	6,07	2,4	1,9	110,26	806,60
1325	2,880	174,73	916,86	6,07	2,4	1,9	110,36	806,50
1326	2,836	182,92	904,29	6,45	2,3	2,0	110,46	793,83
1327	2,801	186,50	904,20	6,66	2,4	2,0	110,56	793,64
1328	2,753	190,79	886,07	6,93	2,3	2,0	110,66	775,41
1329	2,753	190,79	886,07	6,93	2,3	2,0	110,75	775,32
1330	2,713	193,41	885,26	7,13	2,3	2,0	110,85	774,41
1331	2,652	197,07	871,34	7,43	2,3	2,0	110,95	760,39
1332	2,621	199,07	868,38	7,60	2,3	2,0	111,05	757,33
1333	2,595	198,98	862,18	7,67	2,4	2,0	111,15	751,03
1334	2,595	198,98	862,18	7,67	2,4	2,0	111,25	750,93
1335	2,604	199,90	855,81	7,68	2,3	1,9	111,34	744,47
1336	2,573	202,85	856,80	7,88	2,3	2,0	111,44	745,36
1337	2,565	201,94	854,55	7,87	2,3	2,0	111,54	743,01
1338	2,547	199,57	843,78	7,84	2,4	2,0	111,64	732,14
1339	2,547	199,57	843,78	7,84	2,4	2,0	111,74	732,04
1340	2,499	197,94	843,24	7,92	2,4	1,9	111,83	731,41
1341	2,460	196,49	842,43	7,99	2,4	2,0	111,93	730,50
1342	2,425	190,95	847,10	7,87	2,4	1,9	112,03	735,07
1343	2,425	190,95	847,10	7,87	2,4	1,9	112,13	734,97
1344	2,416	185,29	844,14	7,67	2,3	2,0	112,23	731,91
1345	2,420	177,06	844,77	7,32	2,4	1,9	112,32	732,45
1346	2,455	173,73	844,50	7,08	2,4	2,0	112,42	732,08
1347	2,464	172,64	844,77	7,01	2,3	2,0	112,52	732,25
1348	2,464	172,64	844,77	7,01	2,3	2,0	112,62	732,15
1349	2,508	173,93	864,16	6,94	2,3	2,0	112,72	751,44
1350	2,556	173,81	876,46	6,80	2,3	1,9	112,82	763,64
1351	2,643	174,93	901,51	6,62	2,3	2,0	112,91	788,60
1352	2,643	174,93	901,51	6,62	2,3	2,0	113,01	788,50
1353	2,670	173,73	910,67	6,51	2,4	2,0	113,11	797,56
1354	2,696	172,69	927,28	6,41	2,3	2,0	113,21	814,07
1355	2,748	169,11	926,11	6,15	2,3	2,0	113,31	812,80
1356	2,805	166,90	942,18	5,95	2,4	2,0	113,40	828,78
1357	2,805	166,90	942,18	5,95	2,4	2,0	113,50	828,68
1358	2,845	168,07	957,26	5,91	2,3	2,0	113,60	843,66
1359	2,950	169,27	953,49	5,74	2,4	2,0	113,70	839,79
1360	2,945	173,44	957,08	5,89	2,3	2,0	113,80	843,28
1361	2,945	175,27	956,81	5,95	2,3	2,0	113,89	842,92
1362	2,945	175,27	956,81	5,95	2,3	2,0	113,99	842,82
1363	2,932	176,47	958,07	6,02	2,3	2,0	114,09	843,98
1364	2,950	179,26	946,31	6,08	2,3	1,9	114,19	832,12
1365	2,923	180,09	938,23	6,16	2,3	1,9	114,29	823,94

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1366	2,840	185,13	927,28	6,52	2,3	1,9	114,38	812,90
1367	2,840	185,13	927,28	6,52	2,3	1,9	114,48	812,80
1368	2,796	187,79	917,31	6,72	2,3	2,0	114,58	802,73
1369	2,775	190,54	917,85	6,87	2,4	2,0	114,68	803,17
1370	2,796	193,62	917,13	6,92	2,3	2,0	114,78	802,35
1371	2,796	193,62	917,13	6,92	2,3	2,0	114,88	802,25
1372	2,823	197,03	942,09	6,98	2,3	1,9	114,97	827,12
1373	2,867	197,11	944,78	6,88	2,3	1,9	115,07	829,71
1374	2,941	192,45	950,71	6,54	2,3	2,0	115,17	835,54
1375	2,941	192,45	950,71	6,54	2,3	2,0	115,27	835,44
1376	2,945	192,87	949,27	6,55	2,3	1,9	115,37	833,90
1377	2,932	193,95	942,27	6,61	2,3	2,0	115,46	826,81
1378	2,928	193,62	935,00	6,61	2,3	1,9	115,56	819,44
1379	2,910	194,07	929,34	6,67	2,3	2,0	115,66	813,68
1380	2,910	194,07	929,34	6,67	2,3	2,0	115,76	813,58
1381	2,893	199,57	951,88	6,90	2,3	1,9	115,86	836,02
1382	2,888	202,73	969,38	7,02	2,3	2,0	115,95	853,43
1383	2,923	199,40	982,76	6,82	2,3	2,0	116,05	866,71
1384	2,923	199,40	982,76	6,82	2,3	2,0	116,15	866,61
1385	3,046	193,20	765,67	6,34	2,4	1,9	116,25	649,42
1386	3,046	193,20	765,67	6,34	2,4	1,9	116,35	649,32
1387	3,050	195,32	763,78	6,40	2,4	1,9	116,44	647,34
1388	3,068	197,28	747,08	6,43	2,4	1,9	116,54	630,54
1389	3,072	199,11	736,85	6,48	2,3	2,0	116,64	620,21
1390	3,002	207,60	740,53	6,92	2,4	2,0	116,74	623,79
1391	2,998	209,72	739,09	7,00	2,4	1,9	116,84	622,25
1392	2,972	212,05	750,85	7,13	2,3	1,9	116,94	633,91
1393	2,972	212,05	750,85	7,13	2,3	1,9	117,03	633,82
1394	2,993	213,30	768,36	7,13	2,4	1,9	117,13	651,23
1395	2,972	212,22	760,10	7,14	2,3	1,9	117,23	642,87
1396	2,915	207,68	744,39	7,12	2,4	2,0	117,33	627,06
1397	2,915	207,68	744,39	7,12	2,4	2,0	117,43	626,96
1398	2,888	207,02	711,62	7,17	2,3	1,9	117,52	594,10
1399	2,827	209,01	708,92	7,39	2,4	1,9	117,62	591,30
1400	2,696	207,89	687,11	7,71	2,3	1,9	117,72	569,39
1401	2,696	207,89	687,11	7,71	2,3	1,9	117,82	569,29
1402	2,600	203,60	681,36	7,83	2,4	1,9	117,92	563,44
1403	2,573	198,74	675,62	7,72	2,3	2,0	118,01	557,61
1404	2,556	187,00	667,27	7,32	2,4	2,0	118,11	549,16
1405	2,556	187,00	667,27	7,32	2,4	2,0	118,21	549,06
1406	2,525	185,00	656,67	7,33	2,3	2,0	118,31	538,36
1407	2,411	184,92	646,53	7,67	2,4	2,0	118,41	528,12
1408	2,363	184,34	643,29	7,80	2,3	1,9	118,50	524,79
1409	2,302	179,01	639,25	7,78	2,4	1,9	118,60	520,65
1410	2,302	179,01	639,25	7,78	2,4	1,9	118,70	520,55
1411	2,324	173,10	648,95	7,45	2,4	2,0	118,80	530,15
1412	2,350	171,94	653,71	7,32	2,4	1,9	118,90	534,81
1413	2,372	167,53	647,69	7,06	2,4	2,0	119,00	528,69
1414	2,372	167,53	647,69	7,06	2,4	2,0	119,09	528,60
1415	2,280	166,07	646,88	7,28	2,3	1,9	119,19	527,69
1416	2,245	163,24	645,00	7,27	2,3	1,9	119,29	525,71
1417	2,254	158,79	642,40	7,04	2,4	1,9	119,39	523,01
1418	2,254	158,79	642,40	7,04	2,4	1,9	119,49	522,91
1419	2,267	156,17	638,53	6,89	2,4	1,9	119,58	518,95
1420	2,232	153,34	620,40	6,87	2,4	2,0	119,68	500,72
1421	2,193	150,88	615,19	6,88	2,2	1,9	119,78	495,41
1422	2,123	147,14	612,23	6,93	2,2	1,9	119,88	492,35
1423	2,123	147,14	612,23	6,93	2,2	1,9	119,98	492,25
1424	2,118	142,89	621,03	6,75	2,4	1,9	120,07	500,96
1425	2,123	141,64	630,01	6,67	2,2	1,9	120,17	509,84
1426	2,149	139,02	640,42	6,47	2,4	2,0	120,27	520,15
1427	2,149	139,02	640,42	6,47	2,4	2,0	120,37	520,05
1428	2,184	135,65	650,12	6,21	2,4	1,9	120,47	529,65
1429	2,179	136,15	656,85	6,25	2,4	2,0	120,56	536,29
1430	2,228	134,49	648,05	6,04	2,2	1,9	120,66	527,39

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1431	2,228	134,49	648,05	6,04	2,2	1,9	120,76	527,29
1432	2,201	135,24	638,18	6,14	2,2	1,9	120,86	517,32
1433	2,074	137,77	617,88	6,64	2,2	2,0	120,96	496,92
1434	2,044	137,07	614,38	6,71	2,4	1,9	121,06	493,32
1435	2,022	136,36	613,66	6,74	2,2	1,9	121,15	492,51
1436	2,022	136,36	613,66	6,74	2,2	1,9	121,25	492,41
1437	1,987	137,98	613,58	6,94	2,2	2,0	121,35	492,23
1438	1,978	136,73	607,20	6,91	2,2	1,9	121,45	485,75
1439	1,886	134,24	589,69	7,12	2,4	1,9	121,55	468,14
1440	1,886	134,24	589,69	7,12	2,4	1,9	121,64	468,05
1441	1,781	131,45	570,75	7,38	2,4	2,0	121,74	449,01
1442	1,724	130,91	561,41	7,59	2,2	1,9	121,84	439,57
1443	1,681	125,67	557,46	7,48	2,4	1,9	121,94	435,52
1444	1,681	125,67	557,46	7,48	2,4	1,9	122,04	435,42
1445	1,685	123,46	557,01	7,33	2,4	2,0	122,13	434,88
1446	1,689	117,43	558,00	6,95	2,2	1,9	122,23	435,77
1447	1,689	115,55	558,09	6,84	2,2	1,9	122,33	435,76
1448	1,698	109,73	560,78	6,46	2,2	2,0	122,43	438,35
1449	1,698	109,73	560,78	6,46	2,2	2,0	122,53	438,25
1450	1,707	105,65	563,57	6,19	2,2	2,0	122,63	440,94
1451	1,694	104,24	566,08	6,15	2,2	1,9	122,72	443,36
1452	1,729	99,87	564,82	5,78	2,3	2,0	122,82	442,00
1453	1,729	99,87	564,82	5,78	2,3	2,0	122,92	441,90
1454	1,716	94,79	554,50	5,52	2,2	2,0	123,02	431,48
1455	1,702	93,38	543,54	5,49	2,2	2,0	123,12	420,42
1456	1,619	91,96	527,65	5,68	2,2	1,9	123,21	404,44
1457	1,619	91,96	527,65	5,68	2,2	1,9	123,31	404,34
1458	1,602	92,58	519,12	5,78	2,2	2,0	123,41	395,71
1459	1,527	95,21	490,03	6,24	2,2	1,9	123,51	366,52
1460	1,462	96,45	473,60	6,60	2,2	2,0	123,61	349,99
1461	1,339	94,21	448,29	7,04	2,2	2,0	123,70	324,59
1462	1,339	94,21	448,29	7,04	2,2	2,0	123,80	324,49
1463	1,260	88,80	431,50	7,05	2,2	1,9	123,90	307,60
1464	1,217	88,09	420,99	7,24	2,2	1,9	124,00	296,99
1465	1,125	87,34	414,80	7,76	2,2	1,9	124,10	290,70
1466	1,125	87,34	414,80	7,76	2,2	1,9	124,19	290,61
1467	1,090	86,72	421,08	7,96	2,2	2,0	124,29	296,79
1468	1,085	82,39	430,96	7,59	2,2	1,9	124,39	306,57
1469	1,063	80,14	431,85	7,54	2,2	1,9	124,49	307,36
1470	1,020	72,57	444,07	7,11	2,2	1,9	124,59	319,48
1471	1,020	72,57	444,07	7,11	2,2	1,9	124,69	319,38
1472	1,024	62,71	451,70	6,12	2,2	1,9	124,78	326,92
1473	1,015	57,92	453,04	5,71	2,2	1,9	124,88	328,16
1474	1,011	48,06	461,93	4,75	2,2	1,9	124,98	336,95
1475	1,011	48,06	461,93	4,75	2,2	1,9	125,08	336,85
1476	1,007	39,07	471,45	3,88	2,2	2,0	125,18	346,27
1477	0,998	34,70	471,81	3,48	2,2	2,0	125,27	346,54
1478	0,976	27,26	479,62	2,79	2,2	2,0	125,37	354,25
1479	0,976	27,26	479,62	2,79	2,2	2,0	125,47	354,15
1480	0,972	24,76	485,10	2,55	2,2	1,9	125,57	359,53
1481	0,985	21,89	503,59	2,22	2,2	2,0	125,67	377,92
1482	1,011	20,31	518,23	2,01	2,2	2,0	125,76	392,47
1483	1,085	17,31	558,90	1,60	2,2	1,9	125,86	433,04
1484	1,085	17,31	558,90	1,60	2,2	1,9	125,96	432,94
1485	1,532	30,50	578,65	1,99	2,2	2,0	126,06	452,59
1486	1,532	30,50	578,65	1,99	2,2	2,0	126,16	452,49
1487	1,501	31,46	574,97	2,10	2,2	2,0	126,25	448,72
1488	1,479	32,91	570,93	2,23	2,2	1,9	126,35	444,58
1489	1,449	34,70	565,45	2,39	2,2	2,0	126,45	439,00
1490	1,392	35,87	560,60	2,58	2,2	1,9	126,55	434,05
1491	1,365	34,37	557,91	2,52	2,2	1,9	126,65	431,26
1492	1,374	34,41	562,85	2,50	2,2	1,9	126,75	436,10
1493	1,392	34,83	598,58	2,50	2,2	1,9	126,84	471,74
1494	1,392	34,83	598,58	2,50	2,2	1,9	126,94	471,64
1495	1,497	33,83	626,32	2,26	2,2	1,9	127,04	499,28



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1496	1,527	34,37	623,09	2,25	2,3	1,9	127,14	495,95
1497	1,497	34,08	608,37	2,28	2,2	1,9	127,24	481,13
1498	1,497	34,08	608,37	2,28	2,2	1,9	127,33	481,04
1499	1,405	33,37	593,91	2,38	2,2	1,9	127,43	466,48
1500	1,344	32,04	590,59	2,38	2,2	1,9	127,53	463,06
1501	1,295	28,92	611,15	2,23	2,2	1,9	127,63	483,52
1502	1,295	28,92	611,15	2,23	2,2	1,9	127,73	483,42
1503	1,278	25,80	681,81	2,02	2,3	1,9	127,82	553,99
1504	1,291	24,72	696,71	1,91	2,2	1,9	127,92	568,79
1505	1,357	22,97	714,58	1,69	2,2	2,0	128,02	586,56
1506	1,357	22,97	714,58	1,69	2,2	2,0	128,12	586,46
1507	1,383	22,68	720,42	1,64	2,2	2,0	128,22	592,20
1508	1,470	22,30	747,35	1,52	2,2	1,9	128,31	619,04
1509	1,527	22,01	768,54	1,44	2,2	1,9	128,41	640,13
1510	1,681	19,22	799,34	1,14	2,2	2,0	128,51	670,83
1511	1,681	19,22	799,34	1,14	2,2	2,0	128,61	670,73
1512	1,768	16,73	808,04	0,95	2,2	1,9	128,71	679,33
1513	1,834	16,73	816,30	0,91	2,2	2,0	128,81	687,49
1514	1,996	18,73	818,82	0,94	2,2	1,9	128,90	689,92
1515	1,996	18,73	818,82	0,94	2,2	1,9	129,00	689,82
1516	2,101	22,26	841,26	1,06	2,2	1,9	129,10	712,16
1517	2,166	24,43	852,58	1,13	2,2	1,9	129,20	723,38
1518	2,302	31,54	864,52	1,37	2,2	1,9	129,30	735,22
1519	2,302	31,54	864,52	1,37	2,2	1,9	129,39	735,13
1520	2,455	37,37	873,77	1,52	2,2	2,0	129,49	744,28
1521	2,560	41,49	877,09	1,62	2,2	1,9	129,59	747,50
1522	2,805	52,31	922,34	1,86	2,2	1,9	129,69	792,65
1523	2,805	52,31	922,34	1,86	2,2	1,9	129,79	792,55
1524	3,217	62,08	572,72	1,93	2,2	2,0	129,88	442,84
1525	3,488	64,75	378,25	1,86	2,2	1,9	129,98	248,27
1526	3,816	68,33	231,37	1,79	2,2	1,9	130,08	101,29
1527	3,816	68,33	231,37	1,79	2,2	1,9	130,18	101,19
1528	3,882	69,28	281,38	1,78	2,3	1,9	130,28	151,10
1529	3,851	68,41	321,69	1,78	2,3	1,9	130,37	191,32
1530	3,816	66,54	344,95	1,74	2,2	2,0	130,47	214,48
1531	3,926	64,83	390,55	1,65	2,3	2,0	130,57	259,98
1532	3,926	64,83	390,55	1,65	2,3	2,0	130,67	259,88
1533	4,057	67,74	415,33	1,67	2,2	1,9	130,77	284,56
1534	4,105	68,70	422,43	1,67	2,3	2,0	130,87	291,56
1535	4,136	65,45	434,55	1,58	2,3	1,9	130,96	303,59
1536	4,136	65,45	434,55	1,58	2,3	1,9	131,06	303,49
1537	4,144	61,42	438,14	1,48	2,3	2,0	131,16	306,98
1538	4,048	58,75	428,80	1,45	2,3	1,9	131,26	297,54
1539	3,939	58,05	407,07	1,47	2,3	1,9	131,36	275,71
1540	3,584	55,34	350,51	1,54	2,3	1,9	131,45	219,06
1541	3,584	55,34	350,51	1,54	2,3	1,9	131,55	218,96
1542	3,147	58,51	313,34	1,86	2,3	1,9	131,65	181,69
1543	2,910	59,71	308,22	2,05	2,3	2,0	131,75	176,47
1544	2,613	63,96	300,41	2,45	2,3	1,9	131,85	168,56
1545	2,613	63,96	300,41	2,45	2,3	1,9	131,94	168,47
1546	2,394	67,58	316,93	2,82	2,3	1,9	132,04	184,89
1547	2,354	58,17	347,10	2,47	2,3	1,9	132,14	214,96
1548	2,521	52,68	421,62	2,09	2,3	1,9	132,24	289,38
1549	2,521	52,68	421,62	2,09	2,3	1,9	132,34	289,28
1550	2,902	54,59	496,50	1,88	2,3	1,9	132,44	364,06
1551	3,142	57,38	527,56	1,83	2,3	1,9	132,53	395,03
1552	3,440	70,45	544,17	2,05	2,3	2,0	132,63	411,54
1553	3,440	70,45	544,17	2,05	2,3	2,0	132,73	411,44
1554	3,383	75,82	515,35	2,24	2,3	1,9	132,83	382,52
1555	3,007	79,48	425,93	2,64	2,3	1,9	132,93	293,00
1556	2,792	77,56	384,81	2,78	2,3	2,0	133,02	251,79
1557	2,315	65,95	352,49	2,85	2,3	1,9	133,12	219,37
1558	2,315	65,95	352,49	2,85	2,3	1,9	133,22	219,27
1559	2,166	56,80	444,16	2,62	2,3	2,0	133,32	310,84
1560	2,302	51,35	499,19	2,23	2,3	2,0	133,42	365,77

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1561	2,902	50,60	597,77	1,74	2,3	2,0	133,51	464,26
1562	2,902	50,60	597,77	1,74	2,3	2,0	133,61	464,16
1563	3,549	51,14	656,40	1,44	2,3	1,9	133,71	522,69
1564	3,834	55,01	681,18	1,43	2,3	2,0	133,81	547,37
1565	4,206	61,29	720,78	1,46	2,3	1,9	133,91	586,87
1566	4,206	61,29	720,78	1,46	2,3	1,9	134,00	586,78
1567	4,311	65,29	694,38	1,51	2,3	1,9	134,10	560,28
1568	4,171	66,99	653,80	1,61	2,3	1,9	134,20	519,60
1569	3,619	73,57	561,95	2,03	2,3	1,9	134,30	427,65
1570	3,619	73,57	561,95	2,03	2,3	1,9	134,40	427,55
1571	3,326	77,69	535,55	2,34	2,5	1,9	134,50	401,05
1572	2,884	81,77	501,71	2,84	2,3	1,9	134,59	367,12
1573	2,652	78,40	492,10	2,96	2,3	1,9	134,69	357,41
1574	2,223	59,25	483,57	2,67	2,3	1,9	134,79	348,78
1575	2,223	59,25	483,57	2,67	2,3	1,9	134,89	348,68
1576	2,123	52,60	486,62	2,48	2,5	1,9	134,99	351,63
1577	2,074	58,01	492,55	2,80	2,3	2,0	135,08	357,47
1578	1,987	63,25	508,26	3,18	2,5	2,0	135,18	373,08
1579	1,987	63,25	508,26	3,18	2,5	2,0	135,28	372,98
1580	1,961	62,42	519,84	3,18	2,3	2,0	135,38	384,46
1581	1,939	61,54	518,85	3,17	2,5	1,9	135,48	383,37
1582	1,904	62,75	510,95	3,30	2,5	2,0	135,57	375,38
1583	1,904	62,75	510,95	3,30	2,5	2,0	135,67	375,28
1584	1,882	62,17	500,99	3,30	2,5	1,9	135,77	365,22
1585	0,976	6,87	372,78	0,70	2,3	0,9	135,87	236,91
1586	0,976	6,87	372,78	0,70	2,3	0,9	135,97	236,81
1587	0,972	6,78	372,69	0,70	2,3	2,1	136,06	236,63
1588	1,186	76,98	520,56	6,49	2,3	1,8	136,16	384,40
1589	1,777	66,58	539,50	3,75	2,3	1,7	136,26	403,24
1590	1,751	57,59	515,89	3,29	2,5	2,0	136,36	379,53
1591	1,751	57,59	515,89	3,29	2,5	2,0	136,46	379,43
1592	1,711	57,22	512,48	3,34	2,3	1,9	136,56	375,92
1593	1,672	58,92	507,63	3,52	2,3	2,0	136,65	370,98
1594	1,624	60,88	503,95	3,75	2,5	1,9	136,75	367,20
1595	1,536	59,71	489,50	3,89	2,3	2,0	136,85	352,65
1596	1,505	58,34	487,34	3,88	2,5	1,9	136,95	350,39
1597	1,470	54,26	488,78	3,69	2,5	1,9	137,05	351,73
1598	1,470	54,26	488,78	3,69	2,5	1,9	137,14	351,64
1599	1,466	52,31	488,15	3,57	2,3	1,9	137,24	350,91
1600	1,449	52,89	489,59	3,65	2,3	1,9	137,34	352,25
1601	1,409	50,47	484,38	3,58	2,5	1,9	137,44	346,94
1602	1,409	50,47	484,38	3,58	2,5	1,9	137,54	346,84
1603	1,352	46,40	477,20	3,43	2,3	1,9	137,63	339,57
1604	1,322	42,98	473,42	3,25	2,3	1,9	137,73	335,69
1605	1,269	37,12	464,72	2,93	2,3	1,9	137,83	326,89
1606	1,269	37,12	464,72	2,93	2,3	1,9	137,93	326,79
1607	1,212	31,71	462,65	2,62	2,5	2,0	138,03	324,62
1608	1,190	29,09	461,21	2,44	2,5	1,9	138,12	323,09
1609	1,164	26,01	471,99	2,23	2,5	2,0	138,22	333,77
1610	1,164	26,01	471,99	2,23	2,5	2,0	138,32	333,67
1611	1,190	23,97	487,43	2,01	2,5	1,9	138,42	349,01
1612	1,239	20,72	526,31	1,67	2,3	1,9	138,52	387,79
1613	1,256	19,31	537,98	1,54	2,3	1,9	138,62	399,36
1614	1,225	16,35	529,90	1,33	2,3	1,9	138,71	391,19
1615	1,225	16,35	529,90	1,33	2,3	1,9	138,81	391,09
1616	1,208	15,52	525,86	1,28	2,5	1,9	138,91	386,95
1617	1,177	15,90	526,13	1,35	2,5	2,0	139,01	387,12
1618	1,138	14,23	548,12	1,25	2,5	1,9	139,11	409,01
1619	1,138	14,23	548,12	1,25	2,5	1,9	139,20	408,92
1620	1,142	12,82	573,80	1,12	2,5	1,9	139,30	434,50
1621	1,164	11,28	603,61	0,97	2,5	1,9	139,40	464,21
1622	1,182	11,15	612,41	0,94	2,5	1,9	139,50	472,91
1623	1,230	10,78	630,63	0,88	2,5	1,9	139,60	491,03
1624	1,230	10,78	630,63	0,88	2,5	1,9	139,69	490,94
1625	1,282	10,82	641,14	0,84	2,5	2,0	139,79	501,35

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1626	1,304	10,86	643,20	0,83	2,5	2,0	139,89	503,31
1627	1,335	12,03	647,87	0,90	2,5	1,9	139,99	507,88
1628	1,335	12,03	647,87	0,90	2,5	1,9	140,09	507,78
1629	1,357	13,69	648,95	1,01	2,5	2,0	140,18	508,77
1630	1,370	14,69	653,17	1,07	2,5	1,9	140,28	512,89
1631	1,396	16,56	653,89	1,19	2,5	2,0	140,38	513,51
1632	1,396	16,56	653,89	1,19	2,5	2,0	140,48	513,41
1633	1,396	17,56	654,34	1,26	2,5	2,0	140,58	513,76
1634	1,418	20,26	642,22	1,43	2,5	2,0	140,68	501,54
1635	1,405	22,72	631,44	1,62	2,5	1,9	140,77	490,67
1636	1,344	27,01	618,42	2,01	2,5	1,9	140,87	477,55
1637	1,344	27,01	618,42	2,01	2,5	1,9	140,97	477,45
1638	1,300	30,08	615,91	2,31	2,5	2,0	141,07	474,84
1639	1,278	31,62	620,58	2,47	2,5	1,9	141,17	479,41
1640	1,278	30,63	628,21	2,40	2,5	2,0	141,26	486,95
1641	1,278	30,63	628,21	2,40	2,5	2,0	141,36	486,85
1642	1,287	29,38	629,92	2,28	2,5	2,0	141,46	488,46
1643	1,295	28,46	634,49	2,20	2,5	1,9	141,56	492,93
1644	1,300	27,80	646,35	2,14	2,5	2,0	141,66	504,69
1645	1,414	26,05	676,69	1,84	2,5	1,9	141,75	534,94
1646	1,414	26,05	676,69	1,84	2,5	1,9	141,85	534,84
1647	1,479	26,71	689,89	1,81	2,5	2,0	141,95	547,94
1648	1,475	26,76	684,86	1,81	2,5	1,9	142,05	542,81
1649	1,457	23,43	671,75	1,61	2,5	1,9	142,15	529,60
1650	1,457	23,43	671,75	1,61	2,5	1,9	142,25	529,50
1651	1,470	24,01	656,67	1,63	2,5	1,9	142,34	514,33
1652	1,466	26,05	648,41	1,78	2,5	1,9	142,44	505,97
1653	1,409	32,75	669,96	2,32	2,5	1,9	142,54	527,42
1654	1,409	32,75	669,96	2,32	2,5	1,9	142,64	527,32
1655	1,470	31,00	681,00	2,11	2,5	1,9	142,74	538,26
1656	1,505	31,58	693,66	2,10	2,5	1,9	142,83	550,83
1657	1,562	32,08	703,99	2,05	2,5	2,0	142,93	561,06
1658	1,562	32,08	703,99	2,05	2,5	2,0	143,03	560,96
1659	1,562	33,04	705,51	2,12	2,5	1,9	143,13	562,38
1660	1,554	34,33	697,25	2,21	2,5	1,9	143,23	554,02
1661	1,549	34,20	692,76	2,21	2,5	2,0	143,32	549,44
1662	1,549	34,79	674,45	2,25	2,5	1,9	143,42	531,03
1663	1,549	34,79	674,45	2,25	2,5	1,9	143,52	530,93
1664	1,488	37,95	654,61	2,55	2,5	2,0	143,62	510,99
1665	1,457	38,95	652,18	2,67	2,5	2,0	143,72	508,46
1666	1,418	39,45	648,68	2,78	2,5	1,9	143,81	504,87
1667	1,418	39,45	648,68	2,78	2,5	1,9	143,91	504,77
1668	1,396	40,03	653,62	2,87	2,5	1,9	144,01	509,61
1669	1,392	41,65	654,79	2,99	2,5	1,9	144,11	510,68
1670	1,405	42,07	652,54	2,99	2,5	1,9	144,21	508,33
1671	1,431	44,61	649,85	3,12	2,5	1,9	144,31	505,54
1672	1,431	44,61	649,85	3,12	2,5	1,9	144,40	505,45
1673	1,422	47,60	654,61	3,35	2,5	2,0	144,50	510,11
1674	1,422	48,73	654,79	3,43	2,5	1,9	144,60	510,19
1675	1,431	49,81	652,18	3,48	2,5	1,9	144,70	507,48
1676	1,431	49,81	652,18	3,48	2,5	1,9	144,80	507,38
1677	1,409	49,60	653,44	3,52	2,5	1,9	144,89	508,55
1678	1,418	48,06	654,61	3,39	2,5	1,9	144,99	509,62
1679	1,422	47,52	646,35	3,34	2,5	1,9	145,09	501,26
1680	1,422	47,52	646,35	3,34	2,5	1,9	145,19	501,16
1681	1,414	48,02	644,64	3,40	2,5	2,0	145,29	499,35
1682	1,427	49,31	642,84	3,46	2,5	1,9	145,38	497,46
1683	1,422	50,43	641,05	3,55	2,5	2,0	145,48	495,57
1684	1,422	52,60	645,45	3,70	2,5	2,0	145,58	499,87
1685	1,422	52,60	645,45	3,70	2,5	2,0	145,68	499,77
1686	1,444	52,47	654,52	3,63	2,5	2,0	145,78	508,74
1687	1,470	52,93	670,59	3,60	2,5	2,0	145,87	524,72
1688	1,475	50,39	662,78	3,42	2,5	1,7	145,97	516,81
1689	1,475	50,39	662,78	3,42	2,5	1,7	146,07	516,71
1690	1,571	51,10	677,95	3,25	2,5	1,9	146,17	531,78

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1691	1,571	51,14	677,77	3,26	2,5	2,0	146,27	531,50
1692	1,650	49,77	670,77	3,02	2,5	1,9	146,37	524,40
1693	1,650	49,77	670,77	3,02	2,5	1,9	146,46	524,31
1694	1,681	50,68	663,49	3,01	2,5	1,9	146,56	516,93
1695	1,637	55,13	642,31	3,37	2,5	2,0	146,66	495,65
1696	1,589	58,92	642,13	3,71	2,5	1,9	146,76	495,37
1697	1,536	62,96	639,34	4,10	2,5	1,9	146,86	492,48
1698	1,536	62,96	639,34	4,10	2,5	1,9	146,95	492,39
1699	1,519	64,83	640,51	4,27	2,5	1,9	147,05	493,46
1700	1,514	65,70	641,86	4,34	2,5	1,9	147,15	494,71
1701	1,523	65,08	641,68	4,27	2,5	2,0	147,25	494,43
1702	1,523	65,58	633,69	4,31	2,5	1,9	147,35	486,34
1703	1,505	66,29	630,81	4,40	2,5	1,9	147,44	483,37
1704	1,475	66,54	632,61	4,51	2,5	1,9	147,54	485,07
1705	1,475	66,54	632,61	4,51	2,5	1,9	147,64	484,97
1706	1,475	66,95	635,57	4,54	2,5	1,9	147,74	487,83
1707	1,479	65,16	628,57	4,41	2,6	1,9	147,84	480,73
1708	1,475	63,50	629,83	4,31	2,5	1,9	147,93	481,90
1709	1,475	60,13	632,16	4,08	2,5	2,0	148,03	484,13
1710	1,475	60,13	632,16	4,08	2,5	2,0	148,13	484,03
1711	1,470	56,76	629,11	3,86	2,6	2,0	148,23	480,88
1712	1,470	55,59	635,12	3,78	2,6	1,9	148,33	486,79
1713	1,466	53,14	634,76	3,62	2,5	2,0	148,43	486,33
1714	1,466	53,14	634,76	3,62	2,5	2,0	148,52	486,24
1715	1,457	52,47	630,45	3,60	2,5	1,9	148,62	481,83
1716	1,457	51,68	626,14	3,55	2,5	1,9	148,72	477,42
1717	1,418	50,56	619,32	3,57	2,6	1,9	148,82	470,50
1718	1,418	50,56	619,32	3,57	2,6	1,9	148,92	470,40
1719	1,409	50,43	617,08	3,58	2,5	1,9	149,01	468,07
1720	1,409	50,14	616,54	3,56	2,6	1,9	149,11	467,43
1721	1,409	50,56	620,04	3,59	2,5	1,9	149,21	470,83
1722	1,396	49,89	630,36	3,57	2,5	1,9	149,31	481,05
1723	1,396	49,89	630,36	3,57	2,5	1,9	149,41	480,95
1724	1,392	47,89	629,47	3,44	2,5	1,9	149,50	479,97
1725	1,387	47,60	629,38	3,43	2,5	2,0	149,60	479,78
1726	1,400	46,02	637,28	3,29	2,6	1,9	149,70	487,58
1727	1,400	46,02	637,28	3,29	2,6	1,9	149,80	487,48
1728	1,418	44,57	634,76	3,14	2,6	1,9	149,90	484,86
1729	1,418	44,36	632,43	3,13	2,6	1,9	149,99	482,44
1730	1,405	44,44	624,80	3,16	2,6	1,9	150,09	474,71
1731	1,405	44,44	624,80	3,16	2,6	1,9	150,19	474,61
1732	1,383	44,11	625,43	3,19	2,5	1,9	150,29	475,14
1733	1,379	43,40	624,35	3,15	2,6	2,0	150,39	473,96
1734	1,365	42,65	617,79	3,12	2,5	1,9	150,49	467,30
1735	1,365	42,65	617,79	3,12	2,5	1,9	150,58	467,21
1736	1,348	42,82	619,05	3,18	2,6	1,9	150,68	468,37
1737	1,344	42,78	617,62	3,18	2,6	1,9	150,78	466,84
1738	1,348	43,36	621,66	3,22	2,6	1,9	150,88	470,78
1739	1,348	43,36	621,66	3,22	2,6	1,9	150,98	470,68
1740	1,352	43,40	619,68	3,21	2,6	2,0	151,07	468,61
1741	1,335	44,40	621,84	3,33	2,6	1,9	151,17	470,67
1742	1,330	44,27	619,77	3,33	2,6	2,0	151,27	468,50
1743	1,330	43,69	619,05	3,28	2,6	1,9	151,37	467,68
1744	1,322	43,44	619,77	3,29	2,6	1,9	151,47	468,30
1745	1,330	42,65	620,58	3,21	2,6	1,9	151,56	469,02
1746	1,330	42,15	619,77	3,17	2,6	2,0	151,66	468,11
1747	1,317	42,15	619,59	3,20	2,6	2,0	151,76	467,83
1748	1,317	42,15	619,59	3,20	2,6	2,0	151,86	467,73
1749	1,313	41,03	624,08	3,12	2,6	1,9	151,96	472,12
1750	1,317	40,03	623,27	3,04	2,5	1,9	152,06	471,21
1751	1,309	38,95	620,22	2,98	2,7	1,9	152,15	468,07
1752	1,309	38,95	620,22	2,98	2,7	1,9	152,25	467,97
1753	1,300	38,45	621,39	2,96	2,6	1,9	152,35	469,04
1754	1,300	38,03	620,49	2,93	2,7	1,9	152,45	468,04
1755	1,295	37,20	617,88	2,87	2,6	2,0	152,55	465,33

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1756	1,295	37,20	617,88	2,87	2,6	2,0	152,64	465,24
1757	1,291	37,20	619,50	2,88	2,5	1,9	152,74	466,76
1758	1,291	36,41	620,49	2,82	2,6	2,0	152,84	467,65
1759	1,291	36,04	622,19	2,79	2,7	1,9	152,94	469,25
1760	1,309	35,33	628,12	2,70	2,7	1,9	153,04	475,08
1761	1,309	35,33	628,12	2,70	2,7	1,9	153,13	474,99
1762	1,335	35,45	638,89	2,66	2,6	1,9	153,23	485,66
1763	1,348	35,58	644,91	2,64	2,7	2,0	153,33	491,58
1764	1,365	35,58	648,14	2,61	2,6	2,0	153,43	494,71
1765	1,365	35,58	648,14	2,61	2,6	2,0	153,53	494,61
1766	1,370	35,70	650,12	2,61	2,7	2,0	153,62	496,50
1767	1,383	35,74	656,04	2,58	2,6	2,0	153,72	502,32
1768	1,383	35,83	660,44	2,59	2,7	2,0	153,82	506,62
1769	1,400	35,33	668,16	2,52	2,6	1,9	153,92	514,24
1770	1,400	35,33	668,16	2,52	2,6	1,9	154,02	514,14
1771	1,414	35,66	675,26	2,52	2,7	1,9	154,12	521,14
1772	1,418	35,87	677,32	2,53	2,5	1,9	154,21	523,11
1773	1,409	36,41	675,62	2,58	2,7	1,9	154,31	521,31
1774	1,409	36,41	675,62	2,58	2,7	1,9	154,41	521,21
1775	1,396	36,91	678,31	2,64	2,5	1,9	154,51	523,80
1776	1,396	36,91	679,12	2,64	2,6	1,9	154,61	524,51
1777	1,396	36,74	681,81	2,63	2,7	1,9	154,70	527,11
1778	1,396	36,74	681,81	2,63	2,7	1,9	154,80	527,01
1779	1,392	37,16	682,53	2,67	2,7	1,9	154,90	527,63
1780	1,383	37,16	683,52	2,69	2,7	1,9	155,00	528,52
1781	1,387	36,74	686,66	2,65	2,6	2,0	155,10	531,56
1782	1,387	36,74	686,66	2,65	2,6	2,0	155,19	531,47
1783	1,383	36,99	689,53	2,67	2,7	1,9	155,29	534,24
1784	1,379	36,53	689,80	2,65	2,7	1,9	155,39	534,41
1785	1,379	35,54	686,39	2,58	2,7	2,0	155,49	530,90
1786	1,379	35,54	686,39	2,58	2,7	2,0	155,59	530,80
1787	1,383	35,33	686,12	2,55	2,7	1,9	155,68	530,44
1788	1,365	32,29	730,29	2,37	2,7	1,7	155,78	574,51
1789	1,365	32,29	730,29	2,37	2,7	1,7	155,88	574,41
1790	1,387	32,54	733,97	2,35	2,7	1,9	155,98	577,99
1791	1,396	32,42	732,45	2,32	2,7	1,9	156,08	576,37
1792	1,396	32,71	728,86	2,34	2,6	2,0	156,18	572,68
1793	1,392	32,83	726,25	2,36	2,7	2,0	156,27	569,98
1794	1,379	33,41	717,99	2,42	2,6	1,9	156,37	561,62
1795	1,379	33,41	717,99	2,42	2,6	1,9	156,47	561,52
1796	1,357	34,66	717,45	2,55	2,7	1,9	156,57	560,88
1797	1,348	34,70	717,90	2,57	2,7	1,9	156,67	561,23
1798	1,348	34,75	720,33	2,58	2,7	1,9	156,76	563,57
1799	1,348	34,75	720,33	2,58	2,7	1,9	156,86	563,47
1800	1,352	34,66	715,12	2,56	2,7	1,9	156,96	558,16
1801	1,344	34,83	712,61	2,59	2,7	1,9	157,06	555,55
1802	1,322	34,83	708,92	2,63	2,7	1,9	157,16	551,76
1803	1,322	34,83	708,92	2,63	2,7	1,9	157,25	551,67
1804	1,309	34,00	700,93	2,60	2,7	1,9	157,35	543,58
1805	1,300	34,04	696,98	2,62	2,7	1,9	157,45	539,53
1806	1,278	33,66	695,10	2,63	2,6	1,9	157,55	537,55
1807	1,278	33,66	695,10	2,63	2,6	1,9	157,65	537,45
1808	1,274	32,04	702,10	2,51	2,7	1,9	157,74	544,36
1809	1,287	30,83	701,92	2,40	2,7	2,0	157,84	544,08
1810	1,291	30,54	696,00	2,37	2,7	2,0	157,94	538,06
1811	1,291	30,54	696,00	2,37	2,7	2,0	158,04	537,96
1812	1,282	31,75	688,90	2,48	2,7	1,9	158,14	530,76
1813	1,265	32,50	686,03	2,57	2,7	1,9	158,24	527,79
1814	1,239	32,50	687,02	2,62	2,7	2,0	158,33	528,69
1815	1,239	32,50	687,02	2,62	2,7	2,0	158,43	528,59
1816	1,239	31,87	687,92	2,57	2,7	1,9	158,53	529,39
1817	1,230	31,33	686,12	2,55	2,7	2,0	158,63	527,49
1818	1,230	30,92	684,86	2,51	2,7	1,9	158,73	526,13
1819	1,217	30,13	677,41	2,48	2,7	1,9	158,82	518,59
1820	1,217	30,13	677,41	2,48	2,7	1,9	158,92	518,49

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1821	1,204	29,50	666,91	2,45	2,7	1,9	159,02	507,89
1822	1,190	29,54	662,69	2,48	2,7	1,9	159,12	503,57
1823	1,164	29,09	658,92	2,50	2,7	1,9	159,22	499,70
1824	1,164	29,09	658,92	2,50	2,7	1,9	159,31	499,61
1825	1,151	27,46	659,01	2,39	2,7	1,9	159,41	499,60
1826	1,147	26,51	660,80	2,31	2,7	1,9	159,51	501,29
1827	1,151	24,47	667,53	2,13	2,8	1,9	159,61	507,92
1828	1,151	24,47	667,53	2,13	2,8	1,9	159,71	507,82
1829	1,164	23,05	668,70	1,98	2,6	1,9	159,80	508,90
1830	1,173	23,01	671,04	1,96	2,7	1,9	159,90	511,14
1831	1,177	23,30	673,55	1,98	2,7	1,9	160,00	513,55
1832	1,177	23,30	673,55	1,98	2,7	1,9	160,10	513,45
1833	1,182	22,64	668,88	1,92	2,7	2,0	160,20	508,68
1834	1,168	22,80	666,55	1,95	2,7	1,9	160,30	506,25
1835	1,160	22,10	665,11	1,91	2,8	1,9	160,39	504,72
1836	1,160	22,10	665,11	1,91	2,8	1,9	160,49	504,62
1837	1,155	21,30	666,19	1,84	2,7	2,0	160,59	505,60
1838	1,142	20,47	657,48	1,79	2,8	1,9	160,69	496,79
1839	1,125	20,43	653,98	1,82	2,8	1,9	160,79	493,19
1840	1,116	19,39	637,82	1,74	2,8	2,0	160,88	476,94
1841	1,116	19,39	637,82	1,74	2,8	2,0	160,98	476,84
1842	1,168	18,56	659,54	1,59	2,8	2,0	161,08	498,46
1843	1,195	18,18	676,60	1,52	2,8	1,9	161,18	515,42
1844	1,247	17,02	700,13	1,36	2,8	1,9	161,28	538,85
1845	1,247	17,02	700,13	1,36	2,8	1,9	161,37	538,76
1846	1,313	16,23	715,48	1,24	2,8	1,9	161,47	554,01
1847	1,339	16,89	708,92	1,26	2,8	1,9	161,57	547,35
1848	1,304	16,15	645,90	1,24	2,8	2,0	161,67	484,23
1849	1,304	16,15	645,90	1,24	2,8	2,0	161,77	484,13
1850	1,212	15,73	618,87	1,30	2,8	1,9	161,87	457,00
1851	1,182	15,23	628,84	1,29	2,8	1,9	161,96	466,88
1852	1,195	13,73	663,22	1,15	2,8	1,9	162,06	501,16
1853	1,195	13,73	663,22	1,15	2,8	1,9	162,16	501,06
1854	1,374	11,78	731,46	0,86	2,8	1,9	162,26	569,20
1855	1,488	11,86	766,56	0,80	2,8	1,9	162,36	604,20
1856	1,733	13,23	793,41	0,76	2,8	2,0	162,45	630,96
1857	1,733	13,23	793,41	0,76	2,8	2,0	162,55	630,86
1858	1,816	14,06	769,80	0,77	2,8	1,9	162,65	607,15
1859	1,899	18,60	703,72	0,98	2,8	1,9	162,75	540,97
1860	1,825	20,39	664,66	1,12	2,8	1,9	162,85	501,81
1861	1,510	20,10	605,49	1,33	2,8	1,9	162,94	442,55
1862	1,510	20,10	605,49	1,33	2,8	1,9	163,04	442,45
1863	1,291	17,14	636,02	1,33	2,8	2,0	163,14	472,88
1864	1,335	15,10	693,30	1,13	2,8	1,9	163,24	530,06
1865	1,575	12,07	759,65	0,77	2,8	2,0	163,34	596,31
1866	1,575	12,07	759,65	0,77	2,8	2,0	163,43	596,22
1867	1,672	13,61	749,42	0,81	2,8	1,9	163,53	585,89
1868	1,637	14,73	713,50	0,90	2,8	1,9	163,63	549,87
1869	1,470	18,60	636,38	1,27	2,8	1,9	163,73	472,65
1870	1,470	18,60	636,38	1,27	2,8	1,9	163,83	472,55
1871	1,230	20,47	631,80	1,66	2,8	1,9	163,93	467,87
1872	1,217	19,72	665,65	1,62	2,8	1,9	164,02	501,63
1873	1,379	17,52	729,66	1,27	2,8	1,9	164,12	565,54
1874	1,379	17,52	729,66	1,27	2,8	1,9	164,22	565,44
1875	1,637	16,06	773,03	0,98	2,8	1,9	164,32	608,71
1876	1,698	15,19	756,87	0,89	2,8	1,9	164,42	592,45
1877	1,676	17,85	732,72	1,07	2,8	1,9	164,51	568,21
1878	1,676	17,85	732,72	1,07	2,8	1,9	164,61	568,11
1879	1,589	19,31	706,77	1,22	2,8	1,9	164,71	542,06
1880	1,558	19,72	703,99	1,27	2,8	1,9	164,81	539,18
1881	1,523	19,68	731,55	1,29	2,8	1,9	164,91	566,64
1882	1,523	19,68	731,55	1,29	2,8	1,9	165,00	566,55
1883	1,567	19,43	751,75	1,24	2,8	2,0	165,10	586,65
1884	1,698	19,27	766,92	1,13	2,8	1,9	165,20	601,72
1885	1,729	20,01	765,67	1,16	2,8	1,9	165,30	600,37

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1886	1,742	21,85	732,90	1,25	2,8	1,9	165,40	567,50
1887	1,742	21,85	732,90	1,25	2,8	1,9	165,49	567,41
1888	1,864	45,27	514,10	2,43	2,8	1,8	165,59	348,51
1889	1,864	45,27	514,10	2,43	2,8	1,8	165,69	348,41
1890	1,575	35,08	474,77	2,23	2,8	1,9	165,79	308,98
1891	1,470	32,33	465,52	2,20	2,9	2,0	165,89	299,63
1892	1,330	28,30	460,85	2,13	2,8	2,0	165,99	294,86
1893	1,330	28,30	460,85	2,13	2,8	2,0	166,08	294,77
1894	1,243	26,42	474,05	2,13	2,8	2,0	166,18	307,87
1895	1,225	24,63	479,71	2,01	2,9	1,9	166,28	313,43
1896	1,217	21,93	486,80	1,80	2,8	1,9	166,38	320,42
1897	1,217	21,93	486,80	1,80	2,8	1,9	166,48	320,32
1898	1,212	18,97	499,73	1,57	2,8	1,9	166,57	333,16
1899	1,217	17,52	509,25	1,44	2,8	1,9	166,67	342,58
1900	1,225	17,10	527,02	1,40	2,8	1,9	166,77	360,25
1901	1,225	17,10	527,02	1,40	2,8	1,9	166,87	360,15
1902	1,247	14,81	542,47	1,19	2,8	1,9	166,97	375,50
1903	1,260	14,69	549,20	1,17	2,8	1,9	167,06	382,14
1904	1,295	13,94	572,90	1,08	2,8	1,9	167,16	405,74
1905	1,295	13,94	572,90	1,08	2,8	1,9	167,26	405,64
1906	1,365	14,48	602,53	1,06	2,8	1,9	167,36	435,17
1907	1,400	14,77	611,06	1,06	2,8	1,9	167,46	443,60
1908	1,427	14,81	598,85	1,04	2,8	1,9	167,55	431,30
1909	1,427	14,81	598,85	1,04	2,8	1,9	167,65	431,20
1910	1,409	14,90	576,67	1,06	2,8	2,0	167,75	408,92
1911	1,317	16,06	530,89	1,22	2,8	2,0	167,85	363,04
1912	1,225	16,15	519,66	1,32	2,8	2,0	167,95	351,71
1913	1,085	13,98	530,98	1,29	2,8	1,9	168,05	362,93
1914	1,085	13,98	530,98	1,29	2,8	1,9	168,14	362,84
1915	1,081	10,61	546,87	0,98	2,8	2,0	168,24	378,63
1916	1,094	10,11	554,77	0,92	2,8	1,9	168,34	386,43
1917	1,120	9,70	573,26	0,87	2,8	2,0	168,44	404,82
1918	1,120	9,70	573,26	0,87	2,8	2,0	168,54	404,72
1919	1,151	9,03	587,09	0,78	2,8	1,9	168,63	418,46
1920	1,164	9,03	593,46	0,78	3,0	1,9	168,73	424,73
1921	1,182	9,07	605,85	0,77	2,8	1,9	168,83	437,02
1922	1,182	9,07	605,85	0,77	2,8	1,9	168,93	436,92
1923	1,204	9,36	616,18	0,78	3,0	1,9	169,03	447,15
1924	1,208	9,65	622,19	0,80	2,8	1,9	169,12	453,07
1925	1,230	9,32	622,10	0,76	3,0	1,5	169,22	452,88
1926	1,230	9,32	622,10	0,76	3,0	1,5	169,32	452,78
1927	1,256	10,15	639,97	0,81	3,0	1,5	169,42	470,55
1928	1,269	10,03	635,21	0,79	2,8	2,6	169,52	465,69
1929	1,260	10,74	633,06	0,85	3,0	2,2	169,61	463,45
1930	1,260	11,53	634,40	0,92	2,9	2,0	169,71	464,69
1931	1,252	12,86	641,14	1,03	2,9	1,9	169,81	471,33
1932	1,260	12,77	641,05	1,01	2,8	2,0	169,91	471,14
1933	1,265	13,77	643,38	1,09	2,8	1,9	170,01	473,37
1934	1,265	13,77	643,38	1,09	2,8	1,9	170,11	473,27
1935	1,274	14,23	648,68	1,12	3,0	1,9	170,20	478,48
1936	1,282	14,61	650,39	1,14	2,8	1,9	170,30	480,09
1937	1,282	16,60	657,48	1,29	3,0	2,0	170,40	487,08
1938	1,282	16,60	657,48	1,29	3,0	2,0	170,50	486,98
1939	1,278	17,48	661,25	1,37	2,9	1,9	170,60	490,65
1940	1,287	16,77	660,80	1,30	3,0	1,9	170,69	490,11
1941	1,291	16,69	660,26	1,29	2,8	2,0	170,79	489,47
1942	1,291	18,02	654,07	1,40	2,9	1,9	170,89	483,18
1943	1,291	18,02	654,07	1,40	2,9	1,9	170,99	483,08
1944	1,256	19,31	648,50	1,54	3,0	1,9	171,09	477,41
1945	1,239	19,27	646,17	1,56	3,0	1,9	171,18	474,99
1946	1,221	18,77	647,78	1,54	3,0	1,9	171,28	476,50
1947	1,221	18,77	647,78	1,54	3,0	1,9	171,38	476,40
1948	1,230	18,10	650,30	1,47	3,0	1,9	171,48	478,82
1949	1,230	18,43	649,94	1,50	3,0	1,9	171,58	478,36
1950	1,217	18,93	652,54	1,56	3,0	1,9	171,68	480,86

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
1951	1,217	18,93	652,54	1,56	3,0	1,9	171,77	480,77
1952	1,221	18,06	657,57	1,48	3,0	2,0	171,87	485,70
1953	1,217	18,06	655,95	1,48	3,0	1,9	171,97	483,98
1954	1,208	18,27	661,52	1,51	3,0	1,9	172,07	489,45
1955	1,208	18,27	661,52	1,51	3,0	1,9	172,17	489,35
1956	1,217	17,56	668,16	1,44	3,0	1,9	172,26	495,90
1957	1,221	16,69	673,28	1,37	3,0	2,0	172,36	500,92
1958	1,234	15,73	676,96	1,27	3,0	1,9	172,46	504,50
1959	1,234	15,73	676,96	1,27	3,0	1,9	172,56	504,40
1960	1,234	15,19	676,06	1,23	3,0	1,9	172,66	503,40
1961	1,221	14,65	673,55	1,20	3,0	1,9	172,75	500,80
1962	1,221	14,44	672,92	1,18	3,0	1,9	172,85	500,07
1963	1,230	14,19	676,51	1,15	3,0	1,9	172,95	503,56
1964	1,230	14,19	676,51	1,15	3,0	1,9	173,05	503,46
1965	1,234	14,77	681,00	1,20	3,0	2,0	173,15	507,85
1966	1,239	14,86	683,88	1,20	3,0	2,0	173,24	510,64
1967	1,265	15,10	689,62	1,19	3,0	1,9	173,34	516,28
1968	1,265	15,10	689,62	1,19	3,0	1,9	173,44	516,18
1969	1,278	15,85	689,26	1,24	3,0	1,9	173,54	515,72
1970	1,278	16,60	689,71	1,30	3,0	1,9	173,64	516,07
1971	1,278	18,18	690,16	1,42	3,0	1,9	173,74	516,42
1972	1,278	18,18	690,16	1,42	3,0	1,9	173,83	516,33
1973	1,260	19,14	688,90	1,52	3,0	1,9	173,93	514,97
1974	1,265	19,35	690,70	1,53	3,0	1,9	174,03	516,67
1975	1,269	20,14	695,91	1,59	3,0	1,9	174,13	521,78
1976	1,269	20,14	695,91	1,59	3,0	1,9	174,23	521,68
1977	1,274	20,51	695,73	1,61	3,0	1,9	174,32	521,41
1978	1,274	21,64	696,44	1,70	3,0	1,9	174,42	522,02
1979	1,274	21,97	697,52	1,72	3,0	1,9	174,52	523,00
1980	1,282	22,84	695,73	1,78	3,0	1,9	174,62	521,11
1981	1,282	22,84	695,73	1,78	3,0	1,9	174,72	521,01
1982	1,282	24,93	692,14	1,94	3,0	1,9	174,81	517,33
1983	1,269	25,92	691,06	2,04	3,0	2,0	174,91	516,15
1984	1,265	26,42	689,62	2,09	3,0	2,0	175,01	514,61
1985	1,265	26,42	689,62	2,09	3,0	2,0	175,11	514,51
1986	1,260	26,84	690,52	2,13	3,0	1,9	175,21	515,31
1987	1,256	27,13	689,89	2,16	3,0	2,0	175,30	514,59
1988	0,853	9,74	600,74	1,14	3,0	2,0	175,40	425,34
1989	0,853	9,74	600,74	1,14	3,0	2,0	175,50	425,24
1990	1,020	24,26	701,92	2,38	3,0	1,7	175,60	526,32
1991	1,269	25,51	715,84	2,01	3,0	1,8	175,70	540,14
1992	1,274	26,09	715,30	2,05	3,0	1,9	175,80	539,50
1993	1,265	27,34	712,70	2,16	3,1	1,9	175,89	536,81
1994	1,265	27,34	712,70	2,16	3,1	1,9	175,99	536,71
1995	1,265	27,92	712,79	2,21	3,0	2,0	176,09	536,70
1996	1,265	28,21	713,23	2,23	3,0	1,9	176,19	537,04
1997	1,269	28,63	709,46	2,26	3,0	1,8	176,29	533,17
1998	1,269	28,63	709,46	2,26	3,0	1,8	176,38	533,08
1999	1,260	29,75	703,27	2,36	3,0	1,9	176,48	526,79
2000	1,256	30,54	702,10	2,43	3,0	1,9	176,58	525,52
2001	1,239	31,25	698,60	2,52	3,0	1,9	176,68	521,92
2002	1,239	31,25	698,60	2,52	3,0	1,9	176,78	521,82
2003	1,239	31,54	697,79	2,55	3,0	2,0	176,87	520,92
2004	1,234	31,92	696,89	2,59	3,1	1,9	176,97	519,92
2005	1,230	31,42	697,16	2,55	3,1	1,9	177,07	520,09
2006	1,230	31,42	697,16	2,55	3,1	1,9	177,17	519,99
2007	1,221	30,25	697,52	2,48	3,1	1,9	177,27	520,25
2008	1,217	29,88	699,14	2,46	3,0	1,9	177,36	521,78
2009	1,225	29,38	701,02	2,40	3,1	1,9	177,46	523,56
2010	1,225	29,38	701,02	2,40	3,1	1,9	177,56	523,46
2011	1,221	28,34	703,54	2,32	3,1	2,0	177,66	525,88
2012	1,217	27,63	702,91	2,27	3,1	1,9	177,76	525,15
2013	1,208	27,80	703,90	2,30	3,1	2,0	177,86	526,04
2014	1,208	27,80	703,90	2,30	3,1	2,0	177,95	525,95
2015	1,208	26,92	701,56	2,23	3,1	2,0	178,05	523,51



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2016	1,204	27,01	701,47	2,24	3,2	1,9	178,15	523,32
2017	1,199	26,59	710,81	2,22	3,1	1,9	178,25	532,56
2018	1,199	26,59	710,81	2,22	3,1	1,9	178,35	532,46
2019	1,208	25,72	711,53	2,13	3,0	2,0	178,44	533,09
2020	1,221	25,63	714,67	2,10	3,1	2,0	178,54	536,13
2021	1,221	25,80	716,20	2,11	3,1	1,9	178,64	537,56
2022	1,225	25,76	715,57	2,10	3,1	1,9	178,74	536,83
2023	1,225	25,76	715,57	2,10	3,1	1,9	178,84	536,73
2024	1,217	26,13	710,00	2,15	3,1	1,9	178,93	531,07
2025	1,212	26,38	708,66	2,18	3,1	1,9	179,03	529,63
2026	1,199	26,96	707,31	2,25	3,1	1,9	179,13	528,18
2027	1,199	26,96	707,31	2,25	3,1	1,9	179,23	528,08
2028	1,195	27,80	711,35	2,33	3,1	2,0	179,33	532,02
2029	1,199	28,21	713,95	2,35	3,1	1,9	179,42	534,53
2030	1,204	27,92	718,71	2,32	3,2	1,9	179,52	539,19
2031	1,204	27,92	718,71	2,32	3,2	1,9	179,62	539,09
2032	1,217	27,55	722,93	2,26	3,2	1,9	179,72	543,21
2033	1,217	27,67	723,02	2,27	3,2	1,9	179,82	543,20
2034	1,230	27,05	719,34	2,20	3,2	1,9	179,92	539,42
2035	1,230	27,05	719,34	2,20	3,2	1,9	180,01	539,33
2036	1,225	28,25	713,77	2,31	3,1	2,0	180,11	533,66
2037	1,217	28,88	713,59	2,37	3,2	1,9	180,21	533,38
2038	1,212	29,25	706,86	2,41	3,2	2,0	180,31	526,55
2039	1,212	29,25	706,86	2,41	3,2	2,0	180,41	526,45
2040	1,204	29,75	704,26	2,47	3,2	1,9	180,50	523,76
2041	1,190	29,71	703,45	2,50	3,2	2,0	180,60	522,85
2042	1,186	29,54	704,53	2,49	3,2	1,9	180,70	523,83
2043	1,186	29,13	705,15	2,46	3,2	2,0	180,80	524,35
2044	1,186	29,13	705,15	2,46	3,2	2,0	180,90	524,25
2045	1,199	29,92	715,84	2,50	3,2	1,9	180,99	534,85
2046	1,212	30,08	723,47	2,48	3,2	1,9	181,09	542,38
2047	1,260	30,21	744,93	2,40	3,2	1,9	181,19	563,74
2048	1,260	30,21	744,93	2,40	3,2	1,9	181,29	563,64
2049	1,335	30,13	774,56	2,26	3,2	1,9	181,39	593,17
2050	1,379	29,63	790,36	2,15	3,2	1,9	181,49	608,87
2051	1,462	29,00	816,75	1,98	3,2	1,9	181,58	635,17
2052	1,462	29,00	816,75	1,98	3,2	1,9	181,68	635,07
2053	1,514	28,30	824,83	1,87	3,2	1,9	181,78	643,05
2054	1,519	28,05	822,77	1,85	3,2	1,9	181,88	640,89
2055	1,492	27,96	813,79	1,87	3,2	1,9	181,98	631,81
2056	1,492	27,96	813,79	1,87	3,2	1,9	182,07	631,72
2057	1,431	28,21	801,22	1,97	3,2	1,9	182,17	619,05
2058	1,409	27,96	791,88	1,98	3,2	1,9	182,27	609,61
2059	1,361	28,21	771,59	2,07	3,2	2,0	182,37	589,22
2060	1,361	28,21	771,59	2,07	3,2	2,0	182,47	589,12
2061	1,335	28,92	762,43	2,17	3,2	1,9	182,56	579,87
2062	1,269	30,17	751,30	2,38	3,2	1,9	182,66	568,64
2063	1,252	30,46	747,62	2,43	3,2	1,9	182,76	564,86
2064	1,230	30,63	745,65	2,49	3,2	1,9	182,86	562,79
2065	1,230	30,63	745,65	2,49	3,2	1,9	182,96	562,69
2066	1,225	30,96	750,04	2,53	3,2	2,0	183,05	566,99
2067	1,234	30,92	754,44	2,51	3,2	2,0	183,15	571,29
2068	1,260	30,67	763,06	2,43	3,2	1,9	183,25	579,81
2069	1,260	30,67	763,06	2,43	3,2	1,9	183,35	579,71
2070	1,274	30,63	765,94	2,40	3,2	1,9	183,45	582,49
2071	1,295	30,54	767,01	2,36	3,2	1,9	183,55	583,46
2072	1,304	31,08	768,81	2,38	3,2	1,9	183,64	585,17
2073	1,322	32,00	774,91	2,42	3,2	1,9	183,74	591,17
2074	1,322	32,00	774,91	2,42	3,2	1,9	183,84	591,07
2075	1,357	32,12	782,64	2,37	3,2	1,9	183,94	598,70
2076	1,370	32,37	782,19	2,36	3,2	1,9	184,04	598,15
2077	1,370	33,50	783,80	2,45	3,2	1,9	184,13	599,67
2078	1,370	33,50	783,80	2,45	3,2	1,9	184,23	599,57
2079	1,387	34,12	788,29	2,46	3,2	1,9	184,33	603,96
2080	1,396	34,20	787,75	2,45	3,2	1,9	184,43	603,32

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2081	1,400	35,83	790,81	2,56	3,2	2,0	184,53	606,28
2082	1,400	35,83	790,81	2,56	3,2	2,0	184,62	606,19
2083	1,414	36,83	790,99	2,60	3,4	2,0	184,72	606,27
2084	1,409	37,57	792,96	2,67	3,2	1,9	184,82	608,14
2085	1,422	38,66	794,31	2,72	3,2	1,9	184,92	609,39
2086	1,422	38,66	794,31	2,72	3,2	1,9	185,02	609,29
2087	1,422	39,86	794,94	2,80	3,4	1,9	185,11	609,83
2088	1,427	40,95	795,12	2,87	3,2	2,0	185,21	609,91
2089	0,998	24,38	600,29	2,44	3,4	11,9	185,31	414,98
2090	0,998	24,38	600,29	2,44	3,4	11,9	185,41	414,88
2091	0,998	24,38	600,29	2,44	3,4	11,9	185,51	414,78
2092	0,998	24,38	600,29	2,44	3,4	11,9	185,61	414,68
2093	0,998	24,38	600,29	2,44	3,4	11,9	185,70	414,59
2094	0,998	24,38	600,29	2,44	3,4	11,9	185,80	414,49
2095	0,998	24,38	600,29	2,44	3,4	11,9	185,90	414,39
2096	0,998	24,38	600,29	2,44	3,4	11,9	186,00	414,29
2097	0,998	24,38	600,29	2,44	3,4	11,9	186,10	414,19
2098	0,998	24,38	600,29	2,44	3,4	11,9	186,19	414,10
2099	0,998	24,38	600,29	2,44	3,4	11,9	186,29	414,00
2100	0,998	24,38	600,29	2,44	3,4	11,9	186,39	413,90
2101	0,998	24,34	599,93	2,44	3,4	11,9	186,49	413,44
2102	0,998	24,34	599,93	2,44	3,4	11,9	186,59	413,34
2103	0,998	24,34	599,93	2,44	3,4	11,9	186,68	413,25
2104	0,998	24,34	599,93	2,44	3,4	11,9	186,78	413,15
2105	0,998	24,34	599,93	2,44	3,4	11,9	186,88	413,05
2106	0,998	24,34	599,93	2,44	3,4	11,9	186,98	412,95
2107	0,998	24,34	599,93	2,44	3,4	11,9	187,08	412,85
2108	0,998	24,34	599,93	2,44	3,4	11,9	187,17	412,76
2109	0,998	24,34	599,93	2,44	3,4	11,9	187,27	412,66
2110	0,998	24,34	599,93	2,44	3,4	11,9	187,37	412,56
2111	0,998	24,34	599,93	2,44	3,4	11,9	187,47	412,46
2112	0,998	24,34	599,93	2,44	3,4	11,9	187,57	412,36
2113	0,998	24,34	599,93	2,44	3,4	11,9	187,67	412,26
2114	0,998	24,34	599,93	2,44	3,4	11,9	187,76	412,17
2115	0,998	24,34	599,93	2,44	3,4	11,9	187,86	412,07
2116	0,998	24,34	599,93	2,44	3,4	11,9	187,96	411,97
2117	0,998	24,34	599,93	2,44	3,4	11,9	188,06	411,87
2118	0,998	24,30	599,57	2,43	3,3	5,0	188,16	411,41
2119	0,998	24,30	599,57	2,43	3,3	5,0	188,25	411,32
2120	0,998	24,30	599,57	2,43	3,3	5,0	188,35	411,22
2121	0,998	24,30	599,57	2,43	3,3	5,0	188,45	411,12
2122	0,998	24,30	599,57	2,43	3,3	5,0	188,55	411,02
2123	0,998	24,30	599,57	2,43	3,3	5,0	188,65	410,92
2124	0,998	24,30	599,57	2,43	3,3	5,0	188,74	410,83
2125	0,998	24,30	599,57	2,43	3,3	5,0	188,84	410,73
2126	0,998	24,30	599,57	2,43	3,3	5,0	188,94	410,63
2127	0,998	24,30	599,57	2,43	3,3	5,0	189,04	410,53
2128	0,998	24,30	599,57	2,43	3,3	5,0	189,14	410,43
2129	0,998	24,30	599,57	2,43	3,3	5,0	189,23	410,34
2130	0,998	24,30	599,57	2,43	3,3	5,0	189,33	410,24
2131	0,998	24,30	599,57	2,43	3,3	5,0	189,43	410,14
2132	0,998	24,30	599,57	2,43	3,3	5,0	189,53	410,04
2133	0,998	24,30	599,57	2,43	3,3	5,0	189,63	409,94
2134	0,998	24,30	599,57	2,43	3,3	5,0	189,73	409,84
2135	0,998	24,30	599,57	2,43	3,3	5,0	189,82	409,75
2136	0,998	24,30	599,57	2,43	3,3	5,0	189,92	409,65
2137	0,998	24,30	599,57	2,43	3,3	5,0	190,02	409,55
2138	0,998	24,30	599,57	2,43	3,3	5,0	190,12	409,45
2139	0,998	24,26	599,21	2,43	3,4	5,0	190,22	408,99
2140	0,998	24,26	599,21	2,43	3,4	5,0	190,31	408,90
2141	0,998	24,26	599,21	2,43	3,4	5,0	190,41	408,80
2142	0,998	24,26	599,21	2,43	3,4	5,0	190,51	408,70
2143	0,998	24,26	599,21	2,43	3,4	5,0	190,61	408,60
2144	0,998	24,26	599,21	2,43	3,4	5,0	190,71	408,50
2145	0,998	24,26	599,21	2,43	3,4	5,0	190,80	408,41

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2146	0,998	24,26	599,21	2,43	3,4	5,0	190,90	408,31
2147	0,998	24,26	599,21	2,43	3,4	5,0	191,00	408,21
2148	0,998	24,26	599,21	2,43	3,4	5,0	191,10	408,11
2149	0,998	24,26	599,21	2,43	3,4	5,0	191,20	408,01
2150	0,998	24,26	599,21	2,43	3,4	5,0	191,30	407,91
2151	0,998	24,26	599,21	2,43	3,4	5,0	191,39	407,82
2152	0,998	24,26	599,21	2,43	3,4	5,0	191,49	407,72
2153	0,998	24,26	599,21	2,43	3,4	5,0	191,59	407,62
2154	0,998	24,26	599,21	2,43	3,4	5,0	191,69	407,52
2155	0,998	24,26	599,21	2,43	3,4	5,0	191,79	407,42
2156	0,998	24,26	599,21	2,43	3,4	5,0	191,88	407,33
2157	0,998	24,26	599,21	2,43	3,4	5,0	191,98	407,23
2158	0,998	24,26	599,21	2,43	3,4	5,0	192,08	407,13
2159	0,998	24,26	599,21	2,43	3,4	5,0	192,18	407,03
2160	0,998	24,26	599,21	2,43	3,4	5,0	192,28	406,93
2161	0,998	24,26	599,21	2,43	3,4	5,0	192,37	406,84
2162	0,998	24,26	599,21	2,43	3,4	5,0	192,47	406,74
2163	0,998	24,26	599,21	2,43	3,4	5,0	192,57	406,64
2164	0,998	24,22	598,85	2,43	3,4	10,1	192,67	406,18
2165	0,998	24,22	598,85	2,43	3,4	10,1	192,77	406,08
2166	0,998	24,22	598,85	2,43	3,4	10,1	192,86	405,99
2167	0,998	24,22	598,85	2,43	3,4	10,1	192,96	405,89
2168	0,998	24,22	598,85	2,43	3,4	10,1	193,06	405,79
2169	0,998	24,22	598,85	2,43	3,4	10,1	193,16	405,69
2170	0,998	24,22	598,85	2,43	3,4	10,1	193,26	405,59
2171	0,998	24,22	598,85	2,43	3,4	10,1	193,36	405,49
2172	0,998	24,22	598,85	2,43	3,4	10,1	193,45	405,40
2173	0,998	24,22	598,85	2,43	3,4	10,1	193,55	405,30
2174	0,998	24,22	598,85	2,43	3,4	10,1	193,65	405,20
2175	0,998	24,22	598,85	2,43	3,4	10,1	193,75	405,10
2176	0,998	24,22	598,85	2,43	3,4	10,1	193,85	405,00
2177	0,998	24,22	598,85	2,43	3,4	10,1	193,94	404,91
2178	0,998	24,22	598,85	2,43	3,4	10,1	194,04	404,81
2179	0,998	24,22	598,85	2,43	3,4	10,1	194,14	404,71
2180	0,998	24,22	598,85	2,43	3,4	10,1	194,24	404,61
2181	0,998	24,22	598,85	2,43	3,4	10,1	194,34	404,51
2182	0,998	24,22	598,85	2,43	3,4	10,1	194,43	404,42
2183	0,998	24,22	598,85	2,43	3,4	10,1	194,53	404,32
2184	0,998	24,22	598,85	2,43	3,4	10,1	194,63	404,22
2185	0,998	24,22	598,85	2,43	3,4	10,1	194,73	404,12
2186	0,998	24,22	598,85	2,43	3,4	10,1	194,83	404,02
2187	0,998	24,22	598,85	2,43	3,4	10,1	194,92	403,93
2188	0,993	24,18	598,49	2,44	3,4	5,0	195,02	403,47
2189	0,993	24,18	598,49	2,44	3,4	5,0	195,12	403,37
2190	0,993	24,18	598,49	2,44	3,4	5,0	195,22	403,27
2191	0,993	24,18	598,49	2,44	3,4	5,0	195,32	403,17
2192	0,993	24,18	598,49	2,44	3,4	5,0	195,42	403,07
2193	0,993	24,18	598,49	2,44	3,4	5,0	195,51	402,98
2194	0,993	24,18	598,49	2,44	3,4	5,0	195,61	402,88
2195	0,993	24,18	598,49	2,44	3,4	5,0	195,71	402,78
2196	0,993	24,18	598,49	2,44	3,4	5,0	195,81	402,68
2197	0,993	24,18	598,49	2,44	3,4	5,0	195,91	402,58
2198	0,993	24,18	598,49	2,44	3,4	5,0	196,00	402,49
2199	0,993	24,18	598,49	2,44	3,4	5,0	196,10	402,39
2200	0,993	24,18	598,49	2,44	3,4	5,0	196,20	402,29
2201	0,993	24,18	598,49	2,44	3,4	5,0	196,30	402,19
2202	0,993	24,18	598,49	2,44	3,4	5,0	196,40	402,09
2203	0,993	24,13	598,13	2,43	3,5	22,5	196,49	401,64
2204	0,591	0,00	262,08	0,00	3,7	1,9	196,59	65,49
2205	0,617	0,00	262,70	0,00	3,7	1,9	196,69	66,01
2206	0,621	0,00	267,55	0,00	3,7	1,9	196,79	70,76
2207	0,635	0,50	268,54	0,08	3,7	1,9	196,89	71,65
2208	0,635	0,50	268,54	0,08	3,7	1,9	196,98	71,56
2209	0,639	1,71	271,32	0,27	3,7	1,9	197,08	74,24
2210	0,630	1,96	273,66	0,31	3,7	1,9	197,18	76,48

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2211	0,643	2,66	278,78	0,41	3,7	1,9	197,28	81,50
2212	0,643	2,66	278,78	0,41	3,7	1,9	197,38	81,40
2213	0,648	1,75	279,94	0,27	3,7	1,9	197,48	82,46
2214	0,656	1,87	281,11	0,29	3,7	1,9	197,57	83,54
2215	0,639	2,29	276,89	0,36	3,7	1,9	197,67	79,22
2216	0,639	2,29	276,89	0,36	3,7	1,9	197,77	79,12
2217	0,630	1,91	273,03	0,30	3,7	1,9	197,87	75,16
2218	0,626	2,29	269,08	0,37	3,7	1,9	197,97	71,11
2219	0,604	2,87	267,55	0,48	3,7	1,9	198,06	69,49
2220	0,604	2,87	267,55	0,48	3,7	1,9	198,16	69,39
2221	0,600	2,33	267,73	0,39	3,7	1,9	198,26	69,47
2222	0,600	2,50	260,73	0,42	3,7	1,9	198,36	62,37
2223	0,569	3,12	250,13	0,55	3,7	1,9	198,46	51,67
2224	0,569	3,12	250,13	0,55	3,7	1,9	198,55	51,58
2225	0,525	4,37	232,54	0,83	3,7	1,9	198,65	33,89
2226	0,486	4,08	229,31	0,84	3,8	1,9	198,75	30,56
2227	0,442	2,25	215,66	0,51	3,8	1,9	198,85	16,81
2228	0,442	2,25	215,66	0,51	3,8	1,9	198,95	16,71
2229	0,398	0,42	207,67	0,11	3,8	1,9	199,04	8,63
2230	0,385	0,00	204,97	0,00	3,7	1,9	199,14	5,83
2231	0,350	0,00	206,50	0,00	3,7	1,9	199,24	7,26
2232	0,350	0,00	206,50	0,00	3,7	1,9	199,34	7,16
2233	0,346	0,00	209,01	0,00	3,8	1,9	199,44	9,57
2234	0,354	0,00	213,41	0,00	3,8	1,9	199,54	13,87
2235	0,372	0,00	227,42	0,00	3,7	2,0	199,63	27,79
2236	0,372	0,00	227,42	0,00	3,7	2,0	199,73	27,69
2237	0,398	0,00	236,04	0,00	3,8	1,9	199,83	36,21
2238	0,403	0,00	235,32	0,00	3,9	1,9	199,93	35,39
2239	0,389	0,00	232,72	0,00	3,9	1,9	200,03	32,69
2240	0,389	0,00	232,72	0,00	3,9	1,9	200,12	32,60
2241	0,376	0,00	224,37	0,00	3,8	1,9	200,22	24,15
2242	0,354	0,00	218,17	0,00	3,8	1,9	200,32	17,85
2243	0,328	0,00	227,69	0,00	3,8	1,9	200,42	27,27
2244	0,328	0,00	227,69	0,00	3,8	1,9	200,52	27,17
2245	0,372	0,00	252,02	0,00	3,8	1,9	200,61	51,41
2246	0,407	0,00	268,18	0,00	3,8	1,9	200,71	67,47
2247	0,468	0,00	286,14	0,00	3,9	1,9	200,81	85,33
2248	0,468	0,00	286,14	0,00	3,9	1,9	200,91	85,23
2249	0,495	0,00	270,52	0,00	3,9	1,9	201,01	69,51
2250	0,481	0,00	263,06	0,00	3,9	2,0	201,11	61,95
2251	0,429	0,00	254,44	0,00	3,9	1,9	201,20	53,24
2252	0,429	0,00	254,44	0,00	3,9	1,9	201,30	53,14
2253	0,385	0,00	245,56	0,00	3,8	1,9	201,40	44,16
2254	0,376	0,00	239,81	0,00	3,9	1,9	201,50	38,31
2255	0,359	0,00	240,35	0,00	3,9	1,9	201,60	38,75
2256	0,359	0,00	240,35	0,00	3,9	1,9	201,69	38,66
2257	0,354	0,00	256,78	0,00	3,9	1,9	201,79	54,99
2258	0,376	0,00	267,01	0,00	3,9	1,9	201,89	65,12
2259	0,420	0,00	276,17	0,00	3,9	1,9	201,99	74,18
2260	0,420	0,00	276,17	0,00	3,9	1,9	202,09	74,08
2261	0,451	0,00	288,47	0,00	3,9	1,9	202,18	86,29
2262	0,473	0,00	296,19	0,00	3,9	1,9	202,28	93,91
2263	0,530	0,00	304,18	0,00	3,9	1,9	202,38	101,80
2264	0,530	0,00	304,18	0,00	3,9	1,9	202,48	101,70
2265	0,512	0,00	298,17	0,00	3,9	1,9	202,58	95,59
2266	0,512	0,00	288,74	0,00	3,9	1,9	202,67	86,07
2267	0,530	0,00	288,47	0,00	3,9	1,9	202,77	85,70
2268	0,530	0,00	288,47	0,00	3,9	1,9	202,87	85,60
2269	0,547	0,00	295,12	0,00	3,9	1,9	202,97	92,15
2270	0,547	0,00	300,86	0,00	3,8	1,9	203,07	97,79
2271	0,565	0,00	298,98	0,00	3,9	1,9	203,17	95,81
2272	0,565	0,00	298,98	0,00	3,9	1,9	203,26	95,72
2273	0,560	0,00	276,17	0,00	3,9	1,9	203,36	72,81
2274	0,551	0,00	264,23	0,00	3,9	1,9	203,46	60,77
2275	0,486	0,00	252,02	0,00	3,9	1,9	203,56	48,46

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2276	0,486	0,00	252,02	0,00	3,9	1,9	203,66	48,36
2277	0,420	0,00	244,93	0,00	3,9	1,9	203,75	41,18
2278	0,398	0,00	240,53	0,00	3,9	1,9	203,85	36,68
2279	0,372	0,00	235,05	0,00	3,9	1,9	203,95	31,10
2280	0,372	0,00	235,05	0,00	3,9	1,9	204,05	31,00
2281	0,341	0,00	231,01	0,00	3,9	1,9	204,15	26,86
2282	0,328	0,00	230,20	0,00	3,9	1,9	204,24	25,96
2283	0,324	0,00	227,69	0,00	3,9	1,9	204,34	23,35
2284	0,324	0,00	227,69	0,00	3,9	1,9	204,44	23,25
2285	0,315	0,00	227,78	0,00	3,9	1,9	204,54	23,24
2286	0,319	0,00	230,29	0,00	3,9	1,9	204,64	25,65
2287	0,337	0,00	244,03	0,00	3,9	1,9	204,73	39,30
2288	0,337	0,00	244,03	0,00	3,9	1,9	204,83	39,20
2289	0,490	0,00	167,62	0,00	3,9	1,7	204,93	-37,31
2290	0,490	0,00	167,62	0,00	3,9	1,7	205,03	-37,41
2291	0,495	0,00	167,18	0,00	3,9	1,8	205,13	-37,95
2292	0,468	0,00	167,80	0,00	3,9	1,9	205,23	-37,43
2293	0,451	0,00	169,06	0,00	3,9	1,9	205,32	-36,26
2294	0,429	0,00	171,22	0,00	3,9	1,9	205,42	-34,20
2295	0,416	0,00	179,75	0,00	3,9	1,9	205,52	-25,77
2296	0,433	0,00	214,67	0,00	3,9	1,9	205,62	9,05
2297	0,433	0,00	214,67	0,00	3,9	1,9	205,72	8,95
2298	0,512	0,00	260,91	0,00	3,9	1,9	205,81	55,10
2299	0,547	0,00	271,23	0,00	3,9	1,8	205,91	65,32
2300	0,586	0,00	269,98	0,00	3,9	1,9	206,01	63,97
2301	0,586	0,00	269,98	0,00	3,9	1,9	206,11	63,87
2302	0,586	0,00	265,58	0,00	3,9	1,9	206,21	59,37
2303	0,591	0,00	261,81	0,00	3,9	1,9	206,30	55,51
2304	0,591	0,00	257,41	0,00	3,9	1,9	206,40	51,01
2305	0,565	0,00	257,59	0,00	3,9	1,9	206,50	51,09
2306	0,547	0,00	261,00	0,00	3,9	1,9	206,60	54,40
2307	0,565	0,00	268,99	0,00	3,9	1,9	206,70	62,29
2308	0,565	0,00	268,99	0,00	3,9	1,9	206,79	62,20
2309	0,569	0,00	271,41	0,00	3,9	1,9	206,89	64,52
2310	0,569	0,87	279,58	0,15	3,9	1,9	206,99	72,59
2311	0,617	3,00	307,06	0,49	3,9	2,0	207,09	99,97
2312	0,617	3,00	307,06	0,49	3,9	2,0	207,19	99,87
2313	0,656	3,25	318,46	0,50	3,9	1,9	207,29	111,17
2314	0,731	4,66	334,17	0,64	3,9	1,9	207,38	126,79
2315	0,757	5,58	342,25	0,74	3,9	1,9	207,48	134,77
2316	0,845	5,16	354,28	0,61	4,0	1,9	207,58	146,70
2317	0,845	5,16	354,28	0,61	4,0	1,9	207,68	146,60
2318	0,871	5,70	347,91	0,65	3,9	1,9	207,78	140,13
2319	0,871	7,41	343,06	0,85	3,9	1,9	207,87	135,19
2320	0,853	8,95	343,78	1,05	3,9	1,9	207,97	135,81
2321	0,875	10,57	342,25	1,21	3,9	1,9	208,07	134,18
2322	0,880	12,19	340,73	1,39	3,9	1,9	208,17	132,56
2323	0,853	15,06	331,48	1,77	3,9	1,9	208,27	123,21
2324	0,853	15,06	331,48	1,77	3,9	1,9	208,36	123,12
2325	0,845	16,69	328,96	1,98	3,9	1,9	208,46	120,50
2326	0,827	18,35	337,85	2,22	4,0	1,9	208,56	129,29
2327	0,836	18,48	344,59	2,21	4,0	1,9	208,66	135,93
2328	0,836	18,48	344,59	2,21	4,0	1,9	208,76	135,83
2329	0,832	17,02	343,51	2,05	3,9	1,9	208,85	134,66
2330	0,845	16,89	341,80	2,00	3,9	1,9	208,95	132,85
2331	0,840	17,27	325,91	2,06	4,0	1,9	209,05	116,86
2332	0,840	17,27	325,91	2,06	4,0	1,9	209,15	116,76
2333	0,818	17,44	338,39	2,13	4,0	2,0	209,25	129,14
2334	0,832	16,39	351,59	1,97	3,9	1,9	209,35	142,24
2335	0,893	14,36	369,19	1,61	4,0	1,9	209,44	159,75
2336	0,893	14,36	369,19	1,61	4,0	1,9	209,54	159,65
2337	0,954	14,11	374,75	1,48	3,9	1,9	209,64	165,11
2338	0,945	15,19	384,72	1,61	4,0	1,9	209,74	174,98
2339	0,985	14,19	386,16	1,44	4,0	1,9	209,84	176,32
2340	0,985	14,19	386,16	1,44	4,0	1,9	209,93	176,23

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2341	1,028	15,65	398,10	1,52	3,9	1,9	210,03	188,07
2342	1,063	16,73	402,50	1,57	4,0	1,9	210,13	192,37
2343	1,068	20,01	414,98	1,87	4,0	1,9	210,23	204,75
2344	1,068	20,01	414,98	1,87	4,0	1,9	210,33	204,65
2345	1,085	20,10	415,69	1,85	4,0	1,9	210,42	205,27
2346	1,090	19,52	413,00	1,79	4,0	1,9	210,52	202,48
2347	1,072	22,72	401,42	2,12	4,0	1,9	210,62	190,80
2348	1,072	22,72	401,42	2,12	4,0	1,9	210,72	190,70
2349	1,068	24,97	401,78	2,34	4,0	1,9	210,82	190,96
2350	1,081	27,30	398,46	2,53	4,0	1,9	210,92	187,54
2351	1,085	29,46	398,01	2,72	4,0	1,9	211,01	187,00
2352	1,085	33,12	400,61	3,05	4,0	1,9	211,11	189,50
2353	1,098	34,25	395,40	3,12	4,0	1,9	211,21	184,19
2354	1,107	37,74	394,33	3,41	4,0	1,9	211,31	183,02
2355	1,107	37,74	394,33	3,41	4,0	1,9	211,41	182,92
2356	1,129	40,15	383,10	3,56	4,0	1,9	211,50	171,60
2357	1,116	42,53	373,41	3,81	4,0	1,9	211,60	161,81
2358	1,081	49,77	370,17	4,60	4,0	1,9	211,70	158,47
2359	1,081	49,77	370,17	4,60	4,0	1,9	211,80	158,37
2360	1,059	55,30	356,08	5,22	4,0	1,9	211,90	144,18
2361	1,055	57,84	349,52	5,48	4,1	1,9	211,99	137,53
2362	1,037	63,33	336,78	6,11	4,1	1,9	212,09	124,69
2363	1,037	63,33	336,78	6,11	4,1	1,9	212,19	124,59
2364	0,993	68,99	322,95	6,95	4,0	1,9	212,29	110,66
2365	0,963	71,32	310,38	7,41	4,0	1,9	212,39	97,99
2366	0,906	75,86	296,28	8,37	4,0	1,9	212,48	83,80
2367	0,906	75,86	296,28	8,37	4,0	1,9	212,58	83,70
2368	0,880	78,73	286,32	8,95	4,0	1,9	212,68	73,64
2369	0,867	79,73	283,89	9,20	4,0	1,9	212,78	71,11
2370	0,849	80,14	277,79	9,44	4,0	1,9	212,88	64,91
2371	0,849	80,14	277,79	9,44	4,0	1,9	212,98	64,81
2372	0,836	77,90	276,08	9,32	4,0	1,9	213,07	63,01
2373	0,827	77,06	277,52	9,32	4,1	1,9	213,17	64,35
2374	0,805	73,28	300,59	9,10	4,0	1,9	213,27	87,32
2375	0,805	73,28	300,59	9,10	4,0	1,9	213,37	87,22
2376	0,823	69,03	311,46	8,39	4,0	1,9	213,47	97,99
2377	0,845	64,66	325,19	7,65	4,0	1,9	213,56	111,63
2378	0,875	60,50	333,36	6,91	4,0	1,9	213,66	119,70
2379	0,945	52,89	331,12	5,60	4,0	1,9	213,76	117,36
2380	0,954	49,85	332,64	5,23	4,0	1,9	213,86	118,78
2381	0,950	46,65	338,21	4,91	4,0	1,9	213,96	124,25
2382	0,950	46,65	338,21	4,91	4,0	1,9	214,05	124,16
2383	0,972	44,07	342,61	4,53	4,0	2,0	214,15	128,46
2384	0,989	42,86	336,15	4,33	4,0	1,9	214,25	121,90
2385	0,980	42,24	324,65	4,31	4,0	1,9	214,35	110,30
2386	0,980	42,24	324,65	4,31	4,0	1,9	214,45	110,20
2387	0,915	43,19	331,39	4,72	4,0	1,9	214,54	116,85
2388	0,906	43,32	326,99	4,78	4,0	1,9	214,64	112,35
2389	0,832	43,03	326,00	5,17	4,1	1,7	214,74	111,26
2390	0,832	43,03	326,00	5,17	4,1	1,7	214,84	111,16
2391	0,858	43,77	334,08	5,10	4,1	1,8	214,94	119,14
2392	0,862	44,15	344,77	5,12	4,1	1,9	215,04	129,73
2393	0,893	43,36	368,20	4,86	4,1	1,9	215,13	153,07
2394	0,923	41,44	376,46	4,49	4,1	1,9	215,23	161,23
2395	1,007	37,20	392,26	3,69	4,1	1,9	215,33	176,93
2396	1,007	37,20	392,26	3,69	4,1	1,9	215,43	176,83
2397	1,037	36,49	393,88	3,52	4,1	1,8	215,53	178,35
2398	1,063	36,45	394,15	3,43	4,1	1,9	215,62	178,53
2399	1,094	35,74	394,68	3,27	4,1	1,9	215,72	178,96
2400	1,125	35,20	390,47	3,13	4,1	1,8	215,82	174,65
2401	1,129	35,74	384,54	3,17	4,1	1,8	215,92	168,62
2402	1,125	39,66	383,28	3,53	4,1	1,9	216,02	167,26
2403	1,125	39,66	383,28	3,53	4,1	1,9	216,11	167,17
2404	1,112	41,65	375,38	3,75	4,1	1,9	216,21	159,17
2405	1,112	42,65	372,33	3,84	4,1	2,0	216,31	156,02

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2406	1,072	49,18	366,40	4,59	4,1	1,8	216,41	149,99
2407	1,072	49,18	366,40	4,59	4,1	1,8	216,51	149,89
2408	1,059	52,47	371,97	4,95	4,1	1,9	216,60	155,37
2409	1,046	55,01	370,08	5,26	4,1	1,9	216,70	153,38
2410	1,046	56,13	369,73	5,37	4,1	2,0	216,80	152,93
2411	1,037	57,26	369,10	5,52	4,1	2,0	216,90	152,20
2412	1,033	57,34	365,95	5,55	4,1	1,9	217,00	148,95
2413	1,037	55,55	360,21	5,36	4,1	1,9	217,10	143,11
2414	1,037	55,55	360,21	5,36	4,1	1,9	217,19	143,02
2415	1,011	53,84	352,49	5,33	4,1	1,9	217,29	135,20
2416	0,985	52,51	352,67	5,33	4,1	1,9	217,39	135,28
2417	0,963	49,35	340,01	5,12	4,1	1,9	217,49	122,52
2418	0,963	49,35	340,01	5,12	4,1	1,9	217,59	122,42
2419	0,932	47,06	339,65	5,05	4,1	1,9	217,68	121,97
2420	0,932	45,52	336,33	4,88	4,1	1,9	217,78	118,55
2421	0,915	42,57	328,34	4,65	4,1	1,8	217,88	110,46
2422	0,915	42,57	328,34	4,65	4,1	1,8	217,98	110,36
2423	0,906	41,65	325,82	4,60	4,1	1,8	218,08	107,74
2424	0,888	41,32	323,76	4,65	4,1	1,9	218,17	105,59
2425	0,880	40,70	322,77	4,63	4,1	1,9	218,27	104,50
2426	0,862	39,36	321,60	4,57	4,1	1,9	218,37	103,23
2427	0,858	38,49	315,95	4,49	4,1	1,9	218,47	97,48
2428	0,818	38,49	324,65	4,71	4,1	1,9	218,57	106,08
2429	0,818	38,49	324,65	4,71	4,1	1,9	218,66	105,99
2430	0,814	35,58	322,50	4,37	4,1	1,9	218,76	103,74
2431	0,814	34,41	318,28	4,23	4,1	1,9	218,86	99,42
2432	0,779	32,75	317,74	4,20	4,1	1,9	218,96	98,78
2433	0,779	32,75	317,74	4,20	4,1	1,9	219,06	98,68
2434	0,757	30,67	317,56	4,05	4,1	1,9	219,16	98,40
2435	0,753	29,21	316,57	3,88	4,1	1,9	219,25	97,32
2436	0,722	24,47	313,43	3,39	4,1	1,9	219,35	94,08
2437	0,722	24,47	313,43	3,39	4,1	1,9	219,45	93,98
2438	0,709	22,97	315,59	3,24	4,1	1,9	219,55	96,04
2439	0,700	21,39	320,17	3,06	4,1	1,9	219,65	100,52
2440	0,705	19,47	318,01	2,76	4,1	1,8	219,74	98,27
2441	0,705	17,23	319,00	2,44	4,1	1,8	219,84	99,16
2442	0,709	15,90	322,95	2,24	4,1	2,0	219,94	103,01
2443	0,718	14,06	329,50	1,96	4,2	1,9	220,04	109,46
2444	0,718	14,06	329,50	1,96	4,2	1,9	220,14	109,36
2445	0,740	12,73	328,87	1,72	4,1	1,9	220,23	108,64
2446	0,735	12,52	331,12	1,70	4,2	1,9	220,33	110,79
2447	0,731	11,98	332,29	1,64	4,2	1,9	220,43	111,86
2448	0,731	11,98	332,29	1,64	4,2	1,9	220,53	111,76
2449	0,748	11,73	334,98	1,57	4,1	1,9	220,63	114,35
2450	0,753	11,73	335,43	1,56	4,1	1,9	220,73	114,70
2451	0,757	12,69	344,59	1,68	4,1	1,9	220,82	123,77
2452	0,757	12,69	344,59	1,68	4,1	1,9	220,92	123,67
2453	0,779	12,86	352,58	1,65	4,1	1,9	221,02	131,56
2454	0,788	13,73	355,54	1,74	4,2	1,9	221,12	134,42
2455	0,810	14,11	359,04	1,74	4,2	1,9	221,22	137,82
2456	0,810	14,11	359,04	1,74	4,2	1,9	221,31	137,73
2457	0,810	14,31	360,75	1,77	4,2	1,9	221,41	139,34
2458	0,814	14,15	363,89	1,74	4,2	1,9	221,51	142,38
2459	0,823	14,56	363,08	1,77	4,2	2,0	221,61	141,47
2460	0,810	15,23	361,38	1,88	4,1	1,9	221,71	139,67
2461	0,810	15,48	365,69	1,91	4,2	1,9	221,80	143,89
2462	0,823	15,02	364,61	1,83	4,2	1,9	221,90	142,71
2463	0,823	15,02	364,61	1,83	4,2	1,9	222,00	142,61
2464	0,832	15,98	369,90	1,92	4,2	1,9	222,10	147,80
2465	0,832	15,98	371,07	1,92	4,3	1,9	222,20	148,87
2466	0,840	16,23	376,19	1,93	4,2	1,9	222,29	153,90
2467	0,840	16,23	376,19	1,93	4,2	1,9	222,39	153,80
2468	0,858	15,94	381,13	1,86	4,2	1,9	222,49	158,64
2469	0,871	15,98	373,23	1,83	4,2	1,9	222,59	150,64
2470	0,840	18,14	367,66	2,16	4,2	1,9	222,69	144,97

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2471	0,840	18,14	367,66	2,16	4,2	1,9	222,79	144,87
2472	0,818	18,39	361,29	2,25	4,2	1,9	222,88	138,41
2473	0,805	18,48	357,25	2,30	4,2	1,9	222,98	134,27
2474	0,788	18,81	354,46	2,39	4,2	1,9	223,08	131,38
2475	0,761	17,98	351,68	2,36	4,2	1,9	223,18	128,50
2476	0,766	17,64	347,28	2,30	4,2	1,9	223,28	124,00
2477	0,744	18,02	336,06	2,42	4,2	1,9	223,37	112,69
2478	0,744	18,02	336,06	2,42	4,2	1,9	223,47	112,59
2479	0,705	17,89	332,91	2,54	4,2	1,9	223,57	109,34
2480	0,687	17,39	333,09	2,53	4,1	1,9	223,67	109,42
2481	0,665	16,19	324,30	2,43	4,2	1,9	223,77	100,53
2482	0,665	16,19	324,30	2,43	4,2	1,9	223,86	100,44
2483	0,630	15,31	313,88	2,43	4,2	1,9	223,96	89,92
2484	0,608	14,31	313,43	2,35	4,2	1,9	224,06	89,37
2485	0,569	11,32	300,32	1,99	4,3	1,9	224,16	76,16
2486	0,569	11,32	300,32	1,99	4,3	1,9	224,26	76,06
2487	0,543	11,03	296,01	2,03	4,2	1,9	224,35	71,66
2488	0,530	9,49	291,26	1,79	4,2	1,9	224,45	66,81
2489	0,381	0,00	277,70	0,00	4,3	1,7	224,55	53,15
2490	0,381	0,00	277,70	0,00	4,3	1,7	224,65	53,05
2491	0,442	0,00	282,10	0,00	4,3	1,8	224,75	57,35
2492	0,438	0,00	281,47	0,00	4,3	1,8	224,85	56,62
2493	0,407	0,00	271,41	0,00	4,2	1,8	224,94	46,47
2494	0,407	0,00	271,41	0,00	4,2	1,8	225,04	46,37
2495	0,389	0,00	267,73	0,00	4,2	1,9	225,14	42,59
2496	0,372	0,00	262,43	0,00	4,2	1,9	225,24	37,19
2497	0,350	0,00	258,84	0,00	4,3	1,9	225,34	33,50
2498	0,319	0,00	253,91	0,00	4,2	1,8	225,43	28,48
2499	0,311	0,00	251,93	0,00	4,2	1,9	225,53	26,40
2500	0,284	0,00	243,49	0,00	4,3	1,8	225,63	17,86
2501	0,284	0,00	243,49	0,00	4,3	1,8	225,73	17,76
2502	0,276	0,00	241,16	0,00	4,2	1,8	225,83	15,33
2503	0,263	0,00	239,45	0,00	4,3	1,9	225,92	13,53
2504	0,254	0,00	238,37	0,00	4,3	1,9	226,02	12,35
2505	0,245	0,00	236,67	0,00	4,3	1,9	226,12	10,55
2506	0,236	0,00	236,13	0,00	4,3	1,9	226,22	9,91
2507	0,228	0,00	233,97	0,00	4,2	1,9	226,32	7,65
2508	0,228	0,00	233,97	0,00	4,2	1,9	226,41	7,56
2509	0,223	0,00	233,52	0,00	4,2	1,9	226,51	7,01
2510	0,219	0,00	234,96	0,00	4,3	1,9	226,61	8,35
2511	0,219	0,00	237,83	0,00	4,3	1,9	226,71	11,12
2512	0,223	0,00	242,05	0,00	4,2	2,0	226,81	15,24
2513	0,245	0,00	247,89	0,00	4,2	1,9	226,91	20,98
2514	0,249	0,00	249,87	0,00	4,3	1,9	227,00	22,87
2515	0,258	0,00	246,90	0,00	4,2	1,9	227,10	19,80
2516	0,258	0,00	246,90	0,00	4,2	1,9	227,20	19,70
2517	0,254	0,00	245,47	0,00	4,2	1,9	227,30	18,17
2518	0,249	0,00	243,94	0,00	4,2	1,8	227,40	16,54
2519	0,245	0,00	243,40	0,00	4,2	1,9	227,49	15,91
2520	0,232	0,00	244,39	0,00	4,2	1,9	227,59	16,80
2521	0,236	0,00	247,53	0,00	4,2	1,9	227,69	19,84
2522	0,258	0,00	254,44	0,00	4,2	1,8	227,79	26,65
2523	0,258	0,00	254,44	0,00	4,2	1,8	227,89	26,55
2524	0,263	0,00	255,16	0,00	4,2	1,9	227,98	27,18
2525	0,263	0,00	251,48	0,00	4,3	1,9	228,08	23,40
2526	0,254	0,00	246,36	0,00	4,3	1,9	228,18	18,18
2527	0,223	0,00	237,57	0,00	4,3	1,9	228,28	9,29
2528	0,206	0,00	235,23	0,00	4,3	1,9	228,38	6,85
2529	0,188	0,00	232,81	0,00	4,3	1,9	228,47	4,34
2530	0,188	0,00	232,81	0,00	4,3	1,9	228,57	4,24
2531	0,179	0,00	236,85	0,00	4,3	1,9	228,67	8,18
2532	0,184	0,00	241,25	0,00	4,3	1,9	228,77	12,48
2533	0,228	0,00	261,09	0,00	4,3	1,9	228,87	32,22
2534	0,228	0,00	261,09	0,00	4,3	1,9	228,97	32,12
2535	0,241	0,00	265,40	0,00	4,3	1,9	229,06	36,34



<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2536	0,254	0,00	269,98	0,00	4,3	1,9	229,16	40,82
2537	0,267	0,00	274,20	0,00	4,3	1,9	229,26	44,94
2538	0,280	0,00	272,58	0,00	4,3	1,9	229,36	43,22
2539	0,267	0,00	269,98	0,00	4,3	1,9	229,46	40,52
2540	0,249	0,00	266,03	0,00	4,3	1,9	229,55	36,48
2541	0,249	0,00	266,03	0,00	4,3	1,9	229,65	36,38
2542	0,241	0,00	261,45	0,00	4,4	1,9	229,75	31,70
2543	0,232	0,00	263,60	0,00	4,3	1,9	229,85	33,75
2544	0,245	0,00	276,89	0,00	4,3	1,9	229,95	46,94
2545	0,245	0,00	276,89	0,00	4,3	1,9	230,04	46,85
2546	0,271	0,00	288,65	0,00	4,3	1,9	230,14	58,51
2547	0,289	0,00	293,41	0,00	4,3	1,9	230,24	63,17
2548	0,306	0,00	292,51	0,00	4,3	1,9	230,34	62,17
2549	0,306	0,00	292,51	0,00	4,3	1,9	230,44	62,07
2550	0,311	0,00	293,59	0,00	4,3	1,9	230,54	63,05
2551	0,311	0,00	297,00	0,00	4,3	1,9	230,63	66,37
2552	0,319	0,00	303,29	0,00	4,3	1,9	230,73	72,56
2553	0,359	0,00	321,87	0,00	4,3	1,9	230,83	91,04
2554	0,381	0,00	330,22	0,00	4,3	1,9	230,93	99,29
2555	0,416	0,00	337,49	0,00	4,3	1,9	231,03	106,46
2556	0,416	0,00	337,49	0,00	4,3	1,9	231,12	106,37
2557	0,420	0,00	332,82	0,00	4,3	1,9	231,22	101,60
2558	0,420	0,00	330,40	0,00	4,4	1,9	231,32	99,08
2559	0,407	0,00	334,71	0,00	4,3	1,9	231,42	103,29
2560	0,407	0,00	334,71	0,00	4,3	1,9	231,52	103,19
2561	0,429	0,00	349,97	0,00	4,3	1,9	231,61	118,36
2562	0,438	0,00	358,23	0,00	4,3	1,9	231,71	126,52
2563	0,477	0,00	372,42	0,00	4,4	1,9	231,81	140,61
2564	0,477	0,00	372,42	0,00	4,4	1,9	231,91	140,51
2565	0,512	0,00	378,25	0,00	4,4	1,9	232,01	146,24
2566	0,521	0,00	377,99	0,00	4,4	1,9	232,10	145,89
2567	0,551	0,00	388,40	0,00	4,3	1,9	232,20	156,20
2568	0,551	0,00	388,40	0,00	4,3	1,9	232,30	156,10
2569	0,573	0,00	397,65	0,00	4,4	1,9	232,40	165,25
2570	0,600	0,00	409,86	0,00	4,4	1,8	232,50	177,36
2571	0,635	0,00	423,77	0,00	4,4	1,9	232,60	191,17
2572	0,700	0,00	437,15	0,00	4,3	1,8	232,69	204,46
2573	0,718	0,00	434,64	0,00	4,4	1,9	232,79	201,85
2574	0,718	0,00	422,34	0,00	4,4	1,9	232,89	189,45
2575	0,718	0,00	422,34	0,00	4,4	1,9	232,99	189,35
2576	0,700	0,00	423,24	0,00	4,3	1,9	233,09	190,15
2577	0,713	0,00	427,46	0,00	4,4	1,9	233,18	194,28
2578	0,744	0,00	435,36	0,00	4,4	1,9	233,28	202,08
2579	0,779	0,00	464,98	0,00	4,4	1,9	233,38	231,60
2580	0,805	0,00	474,59	0,00	4,4	1,9	233,48	241,11
2581	0,888	0,00	486,89	0,00	4,4	1,9	233,58	253,31
2582	0,888	0,00	486,89	0,00	4,4	1,9	233,67	253,22
2583	0,945	0,00	502,87	0,00	4,4	1,9	233,77	269,10
2584	0,993	0,00	506,73	0,00	4,4	1,9	233,87	272,86
2585	1,059	0,00	523,25	0,00	4,4	1,9	233,97	289,28
2586	1,059	0,00	523,25	0,00	4,4	1,9	234,07	289,18
2587	1,138	2,95	538,34	0,26	4,4	1,9	234,16	304,18
2588	1,182	5,16	550,01	0,44	4,4	1,9	234,26	315,75
2589	1,020	6,91	502,87	0,68	4,4	1,7	234,36	268,51
2590	1,020	6,91	502,87	0,68	4,4	1,7	234,46	268,41
2591	1,295	10,28	523,61	0,79	4,4	1,8	234,56	289,05
2592	1,344	12,98	516,07	0,97	4,4	1,8	234,66	281,41
2593	1,309	23,84	490,93	1,82	4,4	1,9	234,75	256,18
2594	1,309	23,84	490,93	1,82	4,4	1,9	234,85	256,08
2595	1,304	28,71	492,73	2,20	4,4	1,8	234,95	257,78
2596	1,304	33,08	487,07	2,54	4,4	1,9	235,05	252,02
2597	1,326	42,32	467,95	3,19	4,4	1,9	235,15	232,80
2598	1,309	49,43	468,22	3,78	4,4	1,9	235,24	232,98
2599	1,309	60,34	473,51	4,61	4,4	1,8	235,34	238,17
2600	1,309	60,34	473,51	4,61	4,4	1,8	235,44	238,07

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2601	1,295	69,16	477,91	5,34	4,4	1,8	235,54	242,37
2602	1,282	72,99	482,58	5,69	4,4	1,8	235,64	246,94
2603	1,322	78,56	495,42	5,94	4,4	1,9	235,73	259,69
2604	1,322	78,56	495,42	5,94	4,4	1,9	235,83	259,59
2605	1,365	78,40	491,29	5,74	4,4	1,9	235,93	255,36
2606	1,383	79,10	483,66	5,72	4,4	1,9	236,03	247,63
2607	1,370	79,44	478,90	5,80	4,4	1,9	236,13	242,77
2608	1,348	79,02	477,02	5,86	4,4	1,9	236,22	240,80
2609	1,348	77,27	468,94	5,73	4,4	1,9	236,32	232,62
2610	1,313	78,10	466,87	5,95	4,4	1,9	236,42	230,45
2611	1,313	78,10	466,87	5,95	4,4	1,9	236,52	230,35
2612	1,295	75,11	458,70	5,80	4,4	1,9	236,62	222,08
2613	1,295	75,11	458,97	5,80	4,4	1,9	236,72	222,25
2614	1,313	76,44	474,86	5,82	4,4	1,9	236,81	238,05
2615	1,313	76,44	474,86	5,82	4,4	1,9	236,91	237,95
2616	1,330	75,90	478,00	5,71	4,4	1,9	237,01	240,99
2617	1,348	77,65	477,64	5,76	4,4	1,8	237,11	240,53
2618	1,357	77,81	475,76	5,73	4,4	1,8	237,21	238,55
2619	1,344	79,14	461,84	5,89	4,3	1,9	237,30	224,54
2620	1,326	80,06	459,60	6,04	4,3	1,9	237,40	222,20
2621	1,278	81,23	430,24	6,36	4,4	1,8	237,50	192,74
2622	1,278	81,23	430,24	6,36	4,4	1,8	237,60	192,64
2623	1,234	82,97	422,07	6,72	4,5	1,8	237,70	184,37
2624	1,208	83,93	414,35	6,95	4,5	1,9	237,79	176,56
2625	1,160	85,68	408,69	7,39	4,4	1,9	237,89	170,80
2626	1,103	88,88	401,60	8,06	4,4	1,8	237,99	163,61
2627	1,090	89,84	397,56	8,24	4,5	1,8	238,09	159,47
2628	1,033	90,96	392,17	8,81	4,5	1,9	238,19	153,98
2629	1,033	90,96	392,17	8,81	4,5	1,9	238,28	153,89
2630	1,024	90,50	394,24	8,84	4,3	1,9	238,38	155,86
2631	1,015	89,46	397,47	8,81	4,5	1,9	238,48	158,99
2632	1,011	88,17	399,80	8,72	4,4	1,9	238,58	161,22
2633	1,015	83,51	404,38	8,23	4,5	1,8	238,68	165,70
2634	1,028	81,27	404,11	7,91	4,5	1,8	238,78	165,33
2635	1,050	77,52	407,16	7,38	4,4	1,9	238,87	168,29
2636	1,050	77,52	407,16	7,38	4,4	1,9	238,97	168,19
2637	1,037	75,90	410,58	7,32	4,4	1,9	239,07	171,51
2638	1,033	74,78	414,08	7,24	4,5	1,9	239,17	174,91
2639	1,015	68,58	422,88	6,76	4,5	1,9	239,27	183,61
2640	1,015	68,58	422,88	6,76	4,5	1,9	239,36	183,52
2641	1,024	66,08	420,63	6,45	4,5	1,9	239,46	181,17
2642	1,033	63,54	417,58	6,15	4,3	1,9	239,56	178,02
2643	1,024	61,58	417,76	6,01	4,4	1,8	239,66	178,10
2644	1,033	59,09	420,54	5,72	4,4	1,9	239,76	180,78
2645	1,042	57,09	418,57	5,48	4,5	1,8	239,85	178,72
2646	1,068	54,93	406,27	5,14	4,4	1,8	239,95	166,32
2647	1,068	54,93	406,27	5,14	4,4	1,8	240,05	166,22
2648	1,050	55,38	400,16	5,27	4,5	1,8	240,15	160,01
2649	1,024	55,88	398,46	5,46	4,3	1,8	240,25	158,21
2650	0,993	56,67	396,21	5,71	4,5	2,0	240,35	155,86
2651	0,958	56,34	388,67	5,88	4,4	1,8	240,44	148,23
2652	0,928	55,63	389,93	5,99	4,5	1,9	240,54	149,39
2653	0,919	51,81	380,05	5,64	4,3	1,9	240,64	139,41
2654	0,919	51,81	380,05	5,64	4,3	1,9	240,74	139,31
2655	0,897	51,97	387,86	5,79	4,4	1,8	240,84	147,02
2656	0,884	50,93	390,29	5,76	4,5	1,9	240,93	149,36
2657	0,893	48,60	387,95	5,44	4,4	1,9	241,03	146,92
2658	0,888	45,44	391,63	5,12	4,4	1,9	241,13	150,50
2659	0,880	44,69	395,31	5,08	4,4	1,9	241,23	154,08
2660	0,884	41,90	395,85	4,74	4,5	1,9	241,33	154,52
2661	0,884	41,90	395,85	4,74	4,5	1,9	241,42	154,43
2662	0,884	39,82	398,99	4,50	4,5	1,9	241,52	157,47
2663	0,880	38,70	405,64	4,40	4,4	1,8	241,62	164,02
2664	0,919	35,54	409,68	3,87	4,4	1,9	241,72	167,96
2665	0,919	35,54	409,68	3,87	4,4	1,9	241,82	167,86

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2666	0,928	35,54	409,50	3,83	4,4	1,9	241,91	167,59
2667	0,932	36,12	409,95	3,88	4,5	1,8	242,01	167,94
2668	0,937	37,49	411,83	4,00	4,4	1,9	242,11	169,72
2669	0,945	38,66	423,77	4,09	4,4	2,0	242,21	181,56
2670	0,967	38,82	427,90	4,01	4,4	1,9	242,31	185,59
2671	1,033	40,20	439,22	3,89	4,4	1,8	242,41	196,81
2672	1,033	40,20	439,22	3,89	4,4	1,8	242,50	196,72
2673	1,042	40,45	443,98	3,88	4,4	1,8	242,60	201,38
2674	1,059	40,53	448,55	3,83	4,5	1,8	242,70	205,85
2675	1,072	40,74	452,68	3,80	4,5	1,9	242,80	209,88
2676	1,107	40,90	456,55	3,69	4,5	1,9	242,90	213,65
2677	1,116	41,28	458,16	3,70	4,4	1,9	242,99	215,17
2678	1,133	43,61	459,24	3,85	4,4	1,9	243,09	216,15
2679	1,133	43,61	459,24	3,85	4,4	1,9	243,19	216,05
2680	1,125	44,27	461,30	3,94	4,4	1,8	243,29	218,01
2681	1,129	44,36	465,61	3,93	4,5	1,9	243,39	222,22
2682	1,129	44,40	474,77	3,93	4,4	1,9	243,48	231,29
2683	1,168	43,48	480,70	3,72	4,5	1,9	243,58	237,12
2684	1,199	43,32	480,79	3,61	4,5	1,9	243,68	237,11
2685	1,243	44,19	470,55	3,56	4,4	1,9	243,78	226,77
2686	1,243	44,19	470,55	3,56	4,4	1,9	243,88	226,67
2687	1,243	46,98	471,54	3,78	4,5	1,9	243,97	227,57
2688	1,234	48,98	472,17	3,97	4,4	1,9	244,07	228,10
2689	0,096	0,00	102,26	0,00	4,5	0,0	244,17	-141,91
2690	0,096	0,00	102,26	0,00	4,5	0,0	244,27	-142,01
2691	0,096	0,00	102,17	0,00	4,4	1,2	244,37	-142,20
2692	0,096	0,00	102,53	0,00	4,4	2,0	244,47	-141,94
2693	0,845	38,37	341,53	4,54	4,4	1,7	244,56	96,97
2694	0,845	38,37	341,53	4,54	4,4	1,7	244,66	96,87
2695	1,059	42,94	357,69	4,05	4,4	1,8	244,76	112,93
2696	1,147	45,02	361,73	3,93	4,4	1,9	244,86	116,87
2697	1,195	48,35	381,40	4,05	4,4	1,8	244,96	136,44
2698	1,208	49,68	387,59	4,11	4,4	1,9	245,05	142,54
2699	1,265	51,85	376,55	4,10	4,4	1,8	245,15	131,40
2700	1,265	51,85	376,55	4,10	4,4	1,8	245,25	131,30
2701	1,252	53,80	379,78	4,30	4,5	1,8	245,35	134,43
2702	1,243	55,18	380,68	4,44	4,5	1,8	245,45	135,23
2703	1,256	56,88	375,11	4,53	4,4	1,9	245,54	129,57
2704	1,260	57,76	370,08	4,58	4,4	1,8	245,64	124,44
2705	1,256	61,29	361,82	4,88	4,4	1,8	245,74	116,08
2706	1,256	61,29	361,82	4,88	4,4	1,8	245,84	115,98
2707	1,199	65,95	362,54	5,50	4,4	1,8	245,94	116,60
2708	1,173	67,66	368,83	5,77	4,4	1,8	246,03	122,80
2709	1,173	67,78	372,15	5,78	4,4	1,8	246,13	126,02
2710	1,173	67,78	372,15	5,78	4,4	1,8	246,23	125,92
2711	1,177	67,70	373,95	5,75	4,4	1,9	246,33	127,62
2712	1,173	67,16	373,41	5,73	4,4	1,8	246,43	126,98
2713	1,182	65,83	373,68	5,57	4,4	1,9	246,53	127,15
2714	1,190	65,16	361,64	5,48	4,4	1,8	246,62	115,02
2715	1,164	67,20	350,33	5,77	4,4	1,9	246,72	103,61
2716	1,164	67,20	350,33	5,77	4,4	1,9	246,82	103,51
2717	1,090	68,16	352,31	6,25	4,4	1,8	246,92	105,39
2718	1,081	66,49	353,30	6,15	4,4	1,9	247,02	106,28
2719	1,042	64,91	354,46	6,23	4,4	1,8	247,11	107,35
2720	1,042	64,91	354,46	6,23	4,4	1,8	247,21	107,25
2721	1,024	63,96	355,00	6,25	4,4	1,9	247,31	107,69
2722	1,028	61,33	357,69	5,97	4,4	1,8	247,41	110,28
2723	1,037	56,67	354,10	5,46	4,4	1,8	247,51	106,59
2724	1,050	55,43	353,38	5,28	4,4	1,8	247,60	105,78
2725	1,037	55,68	363,71	5,37	4,4	1,9	247,70	116,01
2726	1,037	55,68	363,71	5,37	4,4	1,9	247,80	115,91
2727	1,085	56,26	384,72	5,19	4,4	1,9	247,90	136,82
2728	1,103	57,92	391,99	5,25	4,4	1,9	248,00	143,99
2729	1,112	58,88	414,71	5,29	4,4	1,8	248,09	166,62
2730	1,112	58,88	414,71	5,29	4,4	1,8	248,19	166,52

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2731	1,107	56,18	423,06	5,07	4,4	1,8	248,29	174,77
2732	1,120	53,39	437,06	4,77	4,4	1,8	248,39	188,67
2733	1,177	47,23	453,49	4,01	4,4	1,8	248,49	205,00
2734	1,208	45,40	462,83	3,76	4,4	1,8	248,59	214,24
2735	1,274	43,48	465,88	3,41	4,4	1,9	248,68	217,20
2736	1,274	43,48	465,88	3,41	4,4	1,9	248,78	217,10
2737	1,282	42,07	483,12	3,28	4,4	1,8	248,88	234,24
2738	1,287	41,69	487,25	3,24	4,4	1,9	248,98	238,27
2739	1,387	39,74	484,11	2,87	4,4	1,8	249,08	235,03
2740	1,387	39,74	484,11	2,87	4,4	1,8	249,17	234,94
2741	1,400	41,82	478,54	2,99	4,4	1,9	249,27	229,27
2742	1,392	44,57	473,87	3,20	4,4	1,8	249,37	224,50
2743	1,370	48,27	464,00	3,52	4,4	1,9	249,47	214,53
2744	1,300	56,09	445,32	4,31	4,4	1,9	249,57	195,75
2745	1,247	60,42	443,71	4,85	4,4	1,9	249,66	194,05
2746	1,142	68,53	439,22	6,00	4,4	1,9	249,76	189,46
2747	1,142	68,53	439,22	6,00	4,4	1,9	249,86	189,36
2748	1,142	69,03	436,97	6,04	4,4	1,8	249,96	187,01
2749	1,151	69,49	428,08	6,04	4,4	1,8	250,06	178,02
2750	1,120	73,65	421,44	6,58	4,4	1,9	250,16	171,28
2751	1,103	75,73	417,67	6,87	4,4	1,8	250,25	167,42
2752	1,059	78,60	417,22	7,42	4,4	1,8	250,35	166,87
2753	1,059	78,60	417,22	7,42	4,4	1,8	250,45	166,77
2754	1,033	78,40	423,68	7,59	4,4	1,8	250,55	173,13
2755	1,033	76,61	425,30	7,42	4,4	1,9	250,65	174,65
2756	1,037	68,87	441,46	6,64	4,4	1,8	250,74	190,72
2757	1,037	68,87	441,46	6,64	4,4	1,8	250,84	190,62
2758	1,046	66,62	446,13	6,37	4,4	1,8	250,94	195,19
2759	1,046	64,54	449,81	6,17	4,4	1,9	251,04	198,77
2760	1,042	62,75	458,79	6,02	4,4	1,8	251,14	207,65
2761	1,085	57,84	473,15	5,33	4,4	1,8	251,23	221,92
2762	1,116	54,89	478,00	4,92	4,4	1,8	251,33	226,67
2763	1,168	51,22	483,66	4,39	4,4	1,9	251,43	232,23
2764	1,168	51,22	483,66	4,39	4,4	1,9	251,53	232,13
2765	1,168	50,52	486,89	4,33	4,5	1,8	251,63	235,26
2766	1,173	49,56	492,01	4,23	4,4	1,8	251,72	240,29
2767	1,182	48,81	500,09	4,13	4,4	1,9	251,82	248,27
2768	1,230	46,85	506,20	3,81	4,4	1,9	251,92	254,28
2769	1,256	46,35	502,60	3,69	4,4	1,9	252,02	250,58
2770	1,274	48,89	487,25	3,84	4,4	1,9	252,12	235,13
2771	1,274	48,89	487,25	3,84	4,4	1,9	252,22	235,03
2772	1,265	50,72	485,01	4,01	4,4	1,9	252,31	232,70
2773	1,247	52,35	479,53	4,20	4,4	1,9	252,41	227,12
2774	1,217	55,01	461,57	4,52	4,4	1,8	252,51	209,06
2775	1,182	57,17	455,56	4,84	4,4	1,9	252,61	202,95
2776	1,129	61,09	430,06	5,41	4,4	1,8	252,71	177,35
2777	1,129	61,09	430,06	5,41	4,4	1,8	252,80	177,26
2778	1,059	64,79	405,91	6,12	4,4	1,8	252,90	153,01
2779	1,015	66,29	398,01	6,53	4,4	1,8	253,00	145,01
2780	0,950	69,62	379,51	7,33	4,4	1,8	253,10	126,41
2781	0,950	69,62	379,51	7,33	4,4	1,8	253,20	126,31
2782	0,932	71,28	368,29	7,65	4,4	1,8	253,29	115,00
2783	0,888	73,19	357,87	8,24	4,6	1,9	253,39	104,48
2784	0,810	73,49	334,26	9,07	4,4	1,8	253,49	80,77
2785	0,783	73,44	320,97	9,38	4,4	1,8	253,59	67,38
2786	0,648	71,11	298,98	10,97	4,4	1,8	253,69	45,29
2787	0,648	71,11	298,98	10,97	4,4	1,8	253,78	45,20
2788	0,635	68,28	297,81	10,75	4,6	1,8	253,88	43,93
2789	0,621	64,46	298,89	10,38	4,6	1,9	253,98	44,91
2790	0,621	60,25	301,76	9,70	4,4	1,8	254,08	47,68
2791	0,604	51,10	314,42	8,46	4,6	1,9	254,18	60,24
2792	0,621	45,94	329,41	7,40	4,6	1,9	254,28	75,13
2793	0,735	33,91	381,49	4,61	4,6	1,8	254,37	127,12
2794	0,735	33,91	381,49	4,61	4,6	1,8	254,47	127,02
2795	0,783	30,42	395,22	3,89	4,6	1,9	254,57	140,65

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2796	0,840	25,59	402,50	3,05	4,6	1,8	254,67	147,83
2797	1,488	3,83	126,86	0,26	4,4	2,0	254,77	-127,91
2798	1,488	3,83	126,86	0,26	4,4	2,0	254,86	-128,00
2799	1,549	7,24	127,13	0,47	4,6	1,7	254,96	-127,83
2800	1,479	12,82	108,82	0,87	4,4	1,7	255,06	-146,24
2801	1,405	13,86	91,76	0,99	4,4	1,8	255,16	-163,40
2802	1,247	16,23	62,31	1,30	4,4	1,8	255,26	-192,95
2803	1,247	16,23	62,31	1,30	4,4	1,8	255,35	-193,04
2804	1,072	18,18	40,76	1,70	4,4	1,8	255,45	-214,69
2805	0,972	17,89	37,44	1,84	4,5	1,8	255,55	-218,11
2806	0,713	8,70	54,14	1,22	4,6	1,8	255,65	-201,51
2807	0,713	8,70	54,14	1,22	4,6	1,8	255,75	-201,61
2808	0,687	4,49	68,50	0,65	4,4	1,8	255,84	-187,34
2809	0,687	2,33	78,29	0,34	4,6	1,8	255,94	-177,65
2810	0,705	0,00	116,45	0,00	4,6	1,8	256,04	-139,59
2811	0,748	0,00	147,33	0,00	4,4	1,8	256,14	-108,81
2812	0,967	0,00	236,94	0,00	4,4	1,8	256,24	-19,30
2813	0,967	0,00	236,94	0,00	4,4	1,8	256,34	-19,40
2814	1,037	0,00	266,65	0,00	4,6	1,9	256,43	10,22
2815	1,098	0,00	305,62	0,00	4,4	1,9	256,53	49,09
2816	1,239	0,00	341,08	0,00	4,4	1,8	256,63	84,45
2817	1,295	0,00	345,04	0,00	4,4	1,8	256,73	88,31
2818	1,379	2,08	359,58	0,15	4,4	1,8	256,83	102,75
2819	1,379	2,08	359,58	0,15	4,4	1,8	256,92	102,66
2820	1,405	5,66	371,52	0,40	4,4	1,9	257,02	114,50
2821	1,427	9,90	380,59	0,69	4,4	1,9	257,12	123,47
2822	1,453	14,44	388,04	0,99	4,4	1,8	257,22	130,82
2823	1,453	24,34	404,47	1,68	4,4	1,9	257,32	147,15
2824	1,466	26,67	407,16	1,82	4,4	1,8	257,41	149,75
2825	1,545	33,79	418,21	2,19	4,4	1,8	257,51	160,70
2826	1,545	33,79	418,21	2,19	4,4	1,8	257,61	160,60
2827	1,554	36,41	411,03	2,34	4,6	1,8	257,71	153,32
2828	1,540	39,95	395,22	2,59	4,4	1,9	257,81	137,41
2829	1,488	47,48	360,39	3,19	4,4	1,8	257,90	102,49
2830	1,427	51,89	352,58	3,64	4,4	1,8	258,00	94,58
2831	1,317	61,75	321,87	4,69	4,5	1,8	258,10	63,77
2832	1,317	61,75	321,87	4,69	4,5	1,8	258,20	63,67
2833	1,287	65,62	318,46	5,10	4,4	1,8	258,30	60,16
2834	1,252	72,40	313,70	5,78	4,4	1,8	258,40	55,30
2835	1,151	82,81	349,97	7,19	4,6	1,8	258,49	91,48
2836	1,164	82,97	365,95	7,13	4,6	1,8	258,59	107,36
2837	1,287	75,36	399,80	5,86	4,4	1,8	258,69	141,11
2838	1,287	75,36	399,80	5,86	4,4	1,8	258,79	141,01
2839	1,414	72,40	425,48	5,12	4,6	1,9	258,89	166,59
2840	1,492	70,70	435,81	4,74	4,4	1,8	258,98	176,83
2841	1,584	65,91	446,94	4,16	4,4	1,8	259,08	187,86
2842	1,584	65,91	446,94	4,16	4,4	1,8	259,18	187,76
2843	1,593	63,67	442,54	4,00	4,5	1,9	259,28	183,26
2844	1,589	62,54	429,79	3,94	4,4	1,8	259,38	170,41
2845	1,571	61,42	424,40	3,91	4,5	1,8	259,47	164,93
2846	1,519	61,54	416,05	4,05	4,4	1,9	259,57	156,48
2847	1,523	61,54	412,37	4,04	4,4	1,8	259,67	152,70
2848	1,414	62,29	411,65	4,41	4,4	1,8	259,77	151,88
2849	1,414	62,29	411,65	4,41	4,4	1,8	259,87	151,78
2850	1,392	63,79	420,36	4,58	4,4	1,8	259,97	160,39
2851	1,396	65,62	430,15	4,70	4,4	1,8	260,06	170,09
2852	1,440	69,91	447,93	4,85	4,5	1,9	260,16	187,77
2853	1,466	71,32	454,57	4,86	4,5	1,8	260,26	194,31
2854	1,479	73,24	472,44	4,95	4,4	1,9	260,36	212,08
2855	1,479	73,24	472,44	4,95	4,4	1,9	260,46	211,98
2856	1,466	73,28	482,67	5,00	4,5	1,8	260,55	222,12
2857	1,444	73,44	488,87	5,09	4,5	1,8	260,65	228,22
2858	1,418	69,62	479,53	4,91	4,4	1,8	260,75	218,78
2859	1,422	65,25	468,04	4,59	4,4	1,8	260,85	207,19
2860	1,418	62,04	448,02	4,38	4,4	1,9	260,95	187,07

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2861	1,418	62,04	448,02	4,38	4,4	1,9	261,04	186,98
2862	1,405	63,50	433,02	4,52	4,5	1,8	261,14	171,88
2863	1,392	65,45	423,06	4,70	4,4	1,8	261,24	161,82
2864	1,269	73,53	413,54	5,79	4,5	1,8	261,34	152,20
2865	1,269	73,53	413,54	5,79	4,5	1,8	261,44	152,10
2866	1,252	75,32	409,86	6,02	4,5	1,8	261,53	148,33
2867	1,239	76,77	409,23	6,20	4,5	1,8	261,63	147,60
2868	1,225	79,10	414,53	6,46	4,4	1,9	261,73	152,80
2869	1,221	79,73	418,03	6,53	4,4	1,8	261,83	156,20
2870	1,247	77,36	427,64	6,20	4,5	1,8	261,93	165,71
2871	1,247	77,36	427,64	6,20	4,5	1,8	262,03	165,61
2872	1,247	76,90	431,32	6,17	4,4	1,8	262,12	169,20
2873	1,256	76,11	433,83	6,06	4,4	1,8	262,22	171,61
2874	1,274	74,82	435,45	5,87	4,4	1,8	262,32	173,13
2875	1,295	74,90	441,91	5,78	4,6	1,8	262,42	179,49
2876	1,304	73,69	442,27	5,65	4,5	1,8	262,52	179,75
2877	1,300	68,99	447,12	5,31	4,5	1,8	262,61	184,51
2878	1,300	68,99	447,12	5,31	4,5	1,8	262,71	184,41
2879	1,287	66,20	447,66	5,14	4,5	1,8	262,81	184,85
2880	1,274	63,50	444,16	4,98	4,5	1,8	262,91	181,25
2881	1,239	58,51	429,52	4,72	4,4	1,8	263,01	166,51
2882	1,208	56,18	421,71	4,65	4,4	1,8	263,10	158,61
2883	1,199	52,76	396,48	4,40	4,4	1,8	263,20	133,28
2884	1,199	52,76	396,48	4,40	4,4	1,8	263,30	133,18
2885	1,190	53,84	385,08	4,52	4,5	1,8	263,40	121,68
2886	1,160	56,63	379,33	4,88	4,5	1,8	263,50	115,83
2887	1,090	63,21	380,41	5,80	4,5	1,8	263,59	116,82
2888	1,081	64,75	376,37	5,99	4,5	1,8	263,69	112,68
2889	1,046	66,83	379,78	6,39	4,4	1,8	263,79	115,99
2890	1,046	66,83	379,78	6,39	4,4	1,8	263,89	115,89
2891	1,037	67,12	383,91	6,47	4,4	1,8	263,99	119,92
2892	1,028	67,74	390,64	6,59	4,4	1,9	264,09	126,55
2893	1,028	67,91	397,47	6,61	4,4	1,8	264,18	133,29
2894	1,063	64,83	407,16	6,10	4,4	1,8	264,28	142,88
2895	1,085	62,92	413,63	5,80	4,4	1,8	264,38	149,25
2896	1,182	61,25	425,12	5,18	4,5	1,8	264,48	160,64
2897	1,182	61,25	425,12	5,18	4,5	1,8	264,58	160,54
2898	1,129	50,85	325,46	4,50	4,4	1,6	264,67	60,79
2899	1,129	50,85	325,46	4,50	4,4	1,6	264,77	60,69
2900	1,199	53,60	333,72	4,47	4,4	1,8	264,87	68,85
2901	1,239	55,93	341,44	4,51	4,4	1,8	264,97	76,47
2902	1,291	60,04	351,50	4,65	4,4	1,8	265,07	86,43
2903	1,313	61,88	352,13	4,71	4,4	1,8	265,16	86,97
2904	1,326	65,75	338,39	4,96	4,4	1,9	265,26	73,13
2905	1,326	65,75	338,39	4,96	4,4	1,9	265,36	73,03
2906	1,313	67,78	330,40	5,16	4,4	1,8	265,46	64,94
2907	1,295	69,28	320,79	5,35	4,4	1,8	265,56	55,23
2908	1,243	72,28	305,26	5,81	4,4	1,8	265,65	39,61
2909	1,199	73,69	301,22	6,15	4,4	1,7	265,75	35,47
2910	1,077	77,85	281,47	7,23	4,4	1,8	265,85	15,62
2911	1,077	77,85	281,47	7,23	4,4	1,8	265,95	15,52
2912	1,033	79,23	278,24	7,67	4,4	1,8	266,05	12,19
2913	0,998	79,52	273,12	7,97	4,4	1,8	266,15	6,97
2914	0,963	77,73	275,63	8,07	4,4	1,8	266,24	9,39
2915	0,954	76,77	275,63	8,05	4,4	1,8	266,34	9,29
2916	0,976	72,07	285,51	7,38	4,4	1,8	266,44	19,07
2917	0,976	72,07	285,51	7,38	4,4	1,8	266,54	18,97
2918	0,989	69,91	291,26	7,07	4,4	1,8	266,64	24,62
2919	0,993	67,87	296,46	6,83	4,4	1,8	266,73	29,73
2920	0,998	66,00	301,31	6,61	4,4	1,8	266,83	34,48
2921	1,011	61,83	310,20	6,12	4,4	1,9	266,93	43,27
2922	1,020	60,00	312,26	5,88	4,4	1,9	267,03	45,23
2923	1,028	54,84	308,49	5,33	4,4	1,9	267,13	41,36
2924	1,028	54,84	308,49	5,33	4,4	1,9	267,22	41,27
2925	1,028	53,76	306,16	5,23	4,4	1,8	267,32	38,84

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118		Test Location: CPTU1-SOVRAP. 140	
Locality: campogalliano		Date: 28/01/2015	
		Abs. quota [cm]: 0	
		Prehole [cm]: 0	
		Hydrostatic Line [cm]: 200	

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Depth [cm]	Qc [MPa]	Fs [kPa]	U2 [kPa]	Rf [%]	Tilt [?]	Speed [cm/sec]	U0 [kPa]	U2-U0 [kPa]
2926	1,028	52,72	309,39	5,13	4,4	1,8	267,42	41,97
2927	1,020	50,52	308,40	4,95	4,4	1,8	267,52	40,88
2928	1,015	49,64	312,80	4,89	4,4	1,8	267,62	45,18
2929	0,993	49,39	318,10	4,97	4,4	1,8	267,71	50,39
2930	0,993	49,39	318,10	4,97	4,4	1,8	267,81	50,29
2931	0,998	49,39	320,34	4,95	4,4	1,8	267,91	52,43
2932	1,011	49,18	322,32	4,86	4,4	1,8	268,01	54,31
2933	1,028	49,35	326,45	4,80	4,4	1,8	268,11	58,34
2934	1,046	49,35	326,27	4,72	4,4	1,8	268,21	58,06
2935	1,059	51,47	329,77	4,86	4,4	1,8	268,30	61,47
2936	1,059	51,47	329,77	4,86	4,4	1,8	268,40	61,37
2937	1,068	52,14	333,99	4,88	4,4	1,8	268,50	65,49
2938	1,090	52,14	328,87	4,78	4,4	1,9	268,60	60,27
2939	1,094	52,22	322,50	4,77	4,4	1,8	268,70	53,80
2940	1,077	53,18	313,07	4,94	4,4	1,8	268,79	44,28
2941	1,015	56,01	322,41	5,52	4,4	1,8	268,89	53,52
2942	1,015	56,01	322,41	5,52	4,4	1,8	268,99	53,42
2943	1,020	57,01	334,44	5,59	4,4	1,8	269,09	65,35
2944	1,024	57,42	337,31	5,61	4,4	1,8	269,19	68,12
2945	1,063	54,09	340,55	5,09	4,4	1,8	269,28	71,27
2946	1,063	54,09	340,55	5,09	4,4	1,8	269,38	71,17
2947	1,068	54,43	351,23	5,10	4,4	1,8	269,48	81,75
2948	1,081	53,51	348,54	4,95	4,4	1,8	269,58	78,96
2949	1,138	53,68	337,31	4,72	4,4	1,8	269,68	67,63
2950	1,120	56,67	337,04	5,06	4,4	1,8	269,78	67,26
2951	1,090	59,55	334,35	5,46	4,4	1,8	269,87	64,48
2952	1,090	59,55	334,35	5,46	4,4	1,8	269,97	64,38
2953	1,085	58,67	334,26	5,41	4,4	1,8	270,07	64,19
2954	1,063	57,76	334,08	5,43	4,4	1,8	270,17	63,91
2955	1,042	55,30	336,86	5,31	4,4	1,8	270,27	66,59
2956	1,046	53,35	337,85	5,10	4,4	1,8	270,36	67,49
2957	1,077	54,18	340,73	5,03	4,4	1,8	270,46	70,27
2958	1,077	54,18	340,73	5,03	4,4	1,8	270,56	70,17
2959	1,085	55,30	341,53	5,10	4,4	1,8	270,66	70,87
2960	1,094	55,93	340,73	5,11	4,4	1,8	270,76	69,97
2961	1,094	58,42	355,45	5,34	4,4	1,8	270,85	84,60
2962	1,112	59,71	361,64	5,37	4,4	1,8	270,95	90,69
2963	1,173	60,25	365,24	5,14	4,4	1,8	271,05	94,19
2964	1,173	60,25	365,24	5,14	4,4	1,8	271,15	94,09
2965	1,204	59,55	362,99	4,95	4,4	1,8	271,25	91,74
2966	1,217	60,50	358,77	4,97	4,4	1,8	271,34	87,43
2967	1,186	66,95	368,02	5,65	4,4	1,8	271,44	96,58
2968	1,173	68,53	358,14	5,84	4,4	1,8	271,54	86,60
2969	1,147	72,69	361,91	6,34	4,4	1,8	271,64	90,27
2970	1,147	72,69	361,91	6,34	4,4	1,8	271,74	90,17
2971	1,147	73,07	363,98	6,37	4,4	1,8	271,84	92,14
2972	1,151	73,57	365,51	6,39	4,4	1,8	271,93	93,58
2973	1,168	73,40	363,17	6,28	4,4	1,8	272,03	91,14
2974	1,177	73,24	347,46	6,22	4,4	1,8	272,13	75,33
2975	1,133	78,69	343,15	6,95	4,4	1,8	272,23	70,92
2976	1,133	78,69	343,15	6,95	4,4	1,8	272,33	70,82
2977	1,129	79,89	346,11	7,08	4,4	1,9	272,42	73,69
2978	1,138	79,10	343,69	6,95	4,4	1,8	272,52	71,17
2979	1,116	77,11	339,74	6,91	4,4	1,8	272,62	67,12
2980	1,094	75,69	338,03	6,92	4,4	1,7	272,72	65,31
2981	1,063	70,78	350,42	6,66	4,4	1,7	272,82	77,60
2982	1,063	70,78	350,42	6,66	4,4	1,7	272,91	77,51
2983	1,081	69,03	359,40	6,39	4,4	1,8	273,01	86,39
2984	1,116	66,87	367,30	5,99	4,4	1,8	273,11	94,19
2985	1,173	64,50	354,82	5,50	4,4	1,8	273,21	81,61
2986	1,177	64,25	341,98	5,46	4,4	1,8	273,31	68,67
2987	1,094	67,95	336,51	6,21	4,4	1,8	273,40	63,11
2988	1,094	67,95	336,51	6,21	4,4	1,8	273,50	63,01
2989	1,068	68,37	345,04	6,40	4,4	1,8	273,60	71,44
2990	1,063	65,62	339,11	6,17	4,5	1,8	273,70	65,41

<b>S.IN.Ge.A. Srl</b>		<b>Commissioner: autostrada brennero</b>	
Site: cavalcavia 140 e118 Locality: campogalliano		Test Location: CPTU1-SOVRAP. 140 Date: 28/01/2015	Abs. quota [cm]: 0 Prehole [cm]: 0 Hydrostatic Line [cm]: 200

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<b>Depth [cm]</b>	<b>Qc [MPa]</b>	<b>Fs [kPa]</b>	<b>U2 [kPa]</b>	<b>Rf [%]</b>	<b>Tilt [?]</b>	<b>Speed [cm/sec]</b>	<b>U0 [kPa]</b>	<b>U2-U0 [kPa]</b>
2991	1,085	61,46	355,63	5,66	4,4	1,8	273,80	81,83
2992	1,081	61,13	369,90	5,65	4,4	1,7	273,90	96,00
2993	1,177	55,01	392,26	4,67	4,4	1,8	273,99	118,27
2994	1,177	55,01	392,26	4,67	4,4	1,8	274,09	118,17



MO-CPTU17



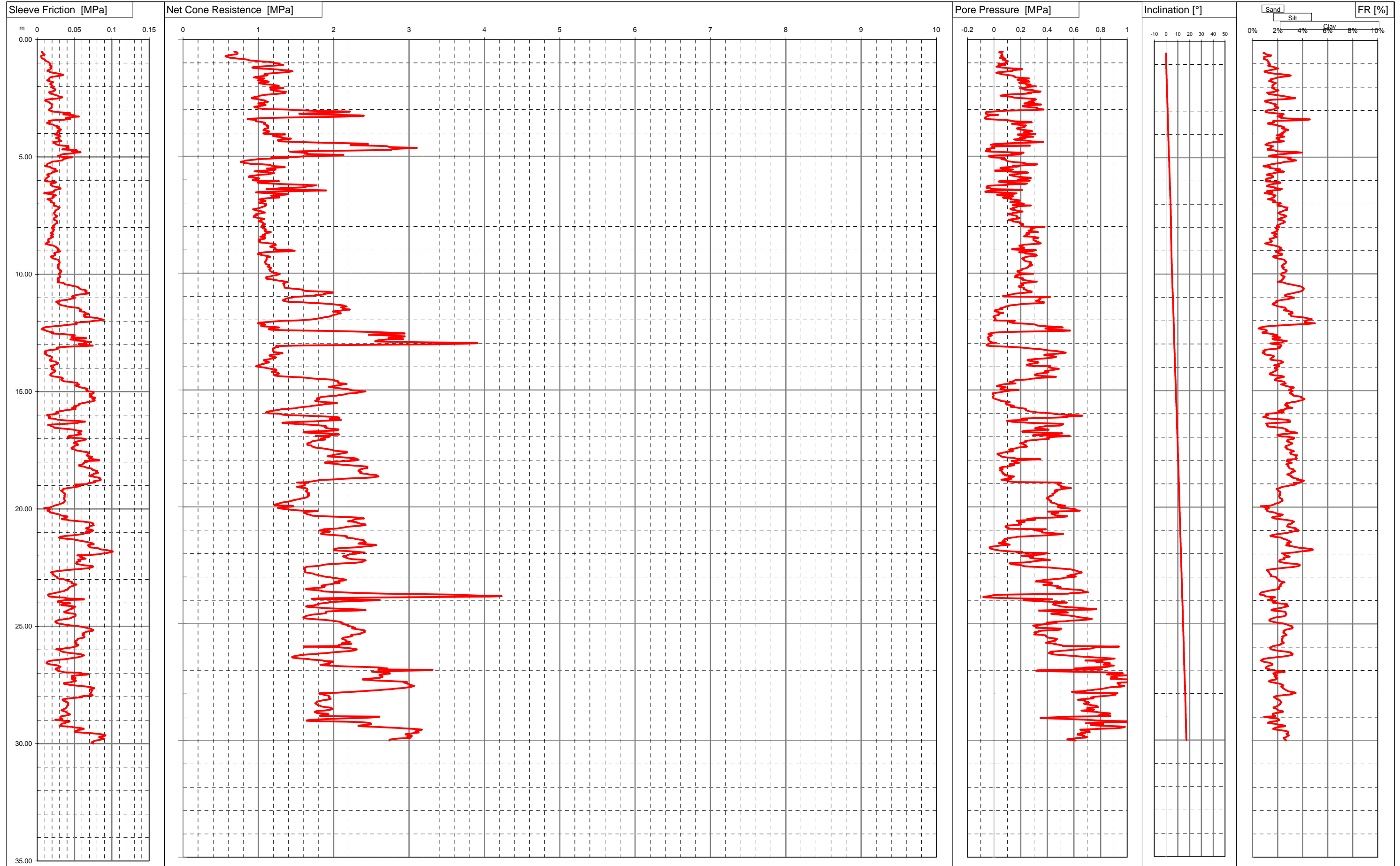
PROVA PENETROMETRICA CPTU 1



PROVA PENETROMETRICA CPTU 1

Committente AUTOSTRADA A22 MO-BRENNERO  
 Località CARPI  
 Cantiere VIA AGRICOLTURA  
 Operatore Dott. Stanzani  
 Prova nr. 1 Cert. N. 268/15  
 Data 20/4/15 Emesso il 20/04/2015  
 Falda 0.50 ml  
 Preforo 0.50 m. p.c.


  
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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20\4\15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0.52	0.68	6.19	66.13
0.54	0.71	6.19	37.50
0.56	0.72	7.50	53.86
0.58	0.72	7.50	53.86
0.60	0.72	8.37	57.95
0.62	0.71	9.24	56.78
0.64	0.67	10.11	60.87
0.66	0.63	9.24	59.12
0.68	0.59	7.06	64.38
0.70	0.56	5.19	50.94
0.72	0.56	5.37	54.44
0.74	0.59	5.42	66.13
0.76	0.60	5.77	68.47
0.78	0.63	5.77	42.18
0.80	0.69	6.20	74.89
0.82	0.74	7.94	86.00
0.84	0.83	9.68	85.41
0.86	0.86	10.55	64.38
0.88	0.87	10.55	83.66
0.90	0.91	10.99	85.41
0.92	0.98	12.73	102.94
0.94	1.07	13.60	102.94
0.96	1.16	15.34	91.25
0.98	1.20	15.78	88.91
1.00	1.21	16.65	93.59
1.02	1.27	16.65	84.82
1.04	1.27	17.96	32.24
1.06	1.29	17.09	56.78
1.08	1.33	16.69	86.58
1.10	1.28	17.56	50.94
1.12	1.19	19.30	39.84
1.14	1.10	19.30	28.16
1.16	1.01	18.00	18.22
1.18	0.93	17.56	39.26
1.20	0.92	19.30	69.05
1.22	0.95	18.44	102.94
1.24	1.04	18.00	159.02
1.26	1.17	17.57	211.60
1.28	1.25	16.70	201.67
1.30	1.30	14.96	154.93
1.32	1.40	13.66	137.40
1.34	1.43	13.66	139.16
1.36	1.46	15.83	118.71
1.38	1.40	17.14	60.29
1.40	1.35	19.31	29.33
1.42	1.25	22.36	17.06
1.44	1.18	26.71	30.49
1.46	1.12	29.31	44.52
1.48	1.08	31.93	55.61
1.50	1.11	34.97	80.74

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1.52	1.12	34.10	102.94
1.54	1.11	30.19	132.15
1.56	1.06	25.41	147.33
1.58	1.00	21.49	156.68
1.60	0.96	18.45	152.59
1.62	0.94	17.15	165.44
1.64	0.99	16.71	216.86
1.66	1.08	15.84	262.43
1.68	1.07	15.85	246.65
1.70	1.01	15.41	188.81
1.72	1.01	13.67	175.96
1.74	1.00	13.24	194.66
1.76	1.03	15.42	218.02
1.78	1.12	17.59	261.26
1.80	1.14	20.20	265.93
1.82	1.13	21.50	211.01
1.84	1.06	19.76	187.65
1.86	1.01	18.03	191.15
1.88	1.03	17.59	238.47
1.90	1.06	17.59	235.55
1.92	1.14	18.47	275.28
1.94	1.21	19.34	265.93
1.96	1.24	20.21	247.82
1.98	1.27	20.64	250.16
2.00	1.24	19.77	315.00
2.02	1.20	18.47	263.59
2.04	1.19	20.64	253.66
2.06	1.15	20.21	245.48
2.08	1.33	23.27	194.07
2.10	1.25	22.83	214.52
2.12	1.19	24.14	222.70
2.14	1.16	24.57	229.71
2.16	1.18	24.14	285.79
2.18	1.20	22.40	306.24
2.20	1.25	21.96	299.81
2.22	1.30	19.35	349.47
2.24	1.37	15.88	345.38
2.26	1.33	17.18	272.36
2.28	1.36	17.62	250.74
2.30	1.31	17.18	277.03
2.32	1.25	20.66	223.87
2.34	1.18	22.83	141.49
2.36	1.10	24.57	85.41
2.38	1.06	26.75	68.47
2.40	1.02	28.05	48.60
2.42	1.00	28.92	70.22
2.44	1.00	31.53	112.87
2.46	0.96	33.70	138.57
2.48	0.92	31.97	148.50
2.50	0.91	28.05	184.14

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2.52	0.92	23.27	256.00
2.54	0.98	15.88	303.90
2.56	1.01	12.40	315.59
2.58	1.03	10.66	309.16
2.60	1.07	10.66	282.87
2.62	1.10	11.10	300.98
2.64	1.09	13.27	288.13
2.66	1.13	15.01	257.75
2.68	1.12	16.75	295.14
2.70	1.06	16.75	302.15
2.72	1.01	17.62	235.55
2.74	1.00	19.36	227.37
2.76	1.06	20.23	312.08
2.78	1.09	19.79	354.15
2.80	1.10	19.79	311.50
2.82	1.07	19.36	260.67
2.84	1.02	19.36	213.94
2.86	0.97	19.79	219.19
2.88	0.94	19.79	250.74
2.90	0.96	19.79	288.13
2.92	1.00	18.05	326.69
2.94	1.01	17.62	326.69
2.96	1.03	16.75	318.51
2.98	1.16	15.88	361.74
3.00	1.39	15.88	372.26
3.02	1.54	16.75	253.66
3.04	1.68	19.36	90.08
3.06	1.88	19.36	39.84
3.08	2.22	25.44	-5.73
3.10	2.15	30.23	-58.89
3.12	2.09	40.66	-60.64
3.14	1.97	44.14	-60.06
3.16	1.66	42.40	-60.64
3.18	1.54	35.01	-61.23
3.20	1.69	38.49	-43.70
3.22	2.02	48.92	31.66
3.24	2.35	50.23	-19.16
3.26	2.40	48.49	-41.95
3.28	2.32	55.88	-51.30
3.30	2.11	48.05	-56.56
3.32	1.74	40.66	-61.23
3.34	1.36	38.49	-66.48
3.36	1.09	44.14	-68.24
3.38	0.92	44.14	-67.66
3.40	0.86	39.35	-52.46
3.42	0.90	34.57	6.54
3.44	0.97	21.52	70.22
3.46	0.96	15.87	121.05
3.48	0.96	16.74	120.46
3.50	0.97	17.17	158.44

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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.52	1.03	17.17	248.40
3.54	1.06	13.26	284.04
3.56	1.09	13.26	228.54
3.58	1.08	14.57	159.60
3.60	1.07	17.17	132.73
3.62	1.08	20.65	152.01
3.64	1.09	22.39	177.13
3.66	1.11	23.26	204.59
3.68	1.12	27.17	240.22
3.70	1.13	28.04	219.78
3.72	1.11	28.91	222.70
3.74	1.12	27.61	228.54
3.76	1.12	26.74	208.68
3.78	1.13	28.04	185.31
3.80	1.11	29.78	170.12
3.82	1.08	31.08	175.96
3.84	1.09	31.95	184.73
3.86	1.09	29.78	204.00
3.88	1.07	28.04	238.47
3.90	1.11	28.04	272.94
3.92	1.14	30.21	286.96
3.94	1.14	29.34	247.82
3.96	1.13	27.17	223.87
3.98	1.09	26.73	248.40
4.00	1.08	26.73	263.01
4.02	1.07	24.12	265.93
4.04	1.09	23.25	312.08
4.06	1.36	26.73	177.71
4.08	1.27	30.20	180.05
4.10	1.19	29.33	202.84
4.12	1.19	31.07	235.55
4.14	1.23	29.33	283.45
4.16	1.26	27.59	293.97
4.18	1.31	25.42	211.60
4.20	1.30	25.42	193.49
4.22	1.36	29.33	237.31
4.24	1.43	28.90	215.11
4.26	1.41	30.20	173.63
4.28	1.32	29.33	150.26
4.30	1.26	30.20	170.12
4.32	1.26	32.37	235.55
4.34	1.27	29.33	274.11
4.36	1.31	21.94	279.95
4.38	1.51	21.94	368.75
4.40	1.68	21.94	336.03
4.42	1.92	23.24	215.69
4.44	2.20	24.98	116.37
4.46	2.45	25.42	36.92
4.48	2.45	27.15	-12.15
4.50	2.22	30.20	-23.84

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.52	2.22	34.11	60.29
4.54	2.48	41.94	270.60
4.56	2.70	39.76	101.18
4.58	2.72	39.33	-2.22
4.60	2.73	40.63	-17.41
4.62	2.89	42.37	-13.90
4.64	3.10	38.46	4.21
4.66	2.91	36.28	-33.77
4.68	2.81	33.67	-54.22
4.70	2.75	45.41	-46.04
4.72	2.76	53.24	-29.10
4.74	2.43	46.28	-53.63
4.76	2.03	46.28	-62.40
4.78	1.59	56.71	-60.64
4.80	1.42	58.02	-22.09
4.82	1.47	51.06	85.41
4.84	1.61	49.32	221.53
4.86	1.65	43.23	147.33
4.88	1.61	34.97	129.22
4.90	1.66	32.79	201.67
4.92	1.92	31.05	186.48
4.94	2.13	30.18	127.47
4.96	2.10	27.57	19.98
4.98	1.84	30.18	-29.68
5.00	1.62	34.96	-41.95
5.02	1.49	47.14	-26.18
5.04	1.17	36.27	-15.66
5.06	1.40	40.61	67.89
5.08	1.23	36.69	82.49
5.10	1.11	34.52	83.66
5.12	0.99	34.09	54.44
5.14	0.94	34.09	82.49
5.16	0.90	30.17	91.25
5.18	0.83	27.13	91.84
5.20	0.81	20.61	101.18
5.22	0.78	19.30	122.80
5.24	0.77	18.00	147.33
5.26	0.80	16.69	195.24
5.28	0.82	14.95	226.79
5.30	0.86	13.65	236.72
5.32	0.90	12.78	247.23
5.34	1.05	13.65	326.11
5.36	1.13	12.78	311.50
5.38	1.17	10.17	218.02
5.40	1.18	11.04	140.91
5.42	1.22	17.56	188.81
5.44	1.34	17.56	171.29
5.46	1.35	18.43	101.18
5.48	1.25	20.60	57.37
5.50	1.21	22.78	46.85

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.52	1.11	24.95	64.96
5.54	1.17	24.08	105.86
5.56	1.23	22.77	141.49
5.58	1.21	25.39	120.46
5.60	1.13	27.13	7.12
5.62	0.98	25.38	7.12
5.64	0.95	21.47	89.50
5.66	1.04	20.17	150.84
5.68	1.12	19.73	247.82
5.70	1.18	19.30	255.42
5.72	1.21	16.69	231.46
5.74	1.17	13.64	193.49
5.76	1.13	13.21	166.03
5.78	1.05	14.95	121.63
5.80	0.99	15.38	116.37
5.82	0.95	15.82	133.32
5.84	0.89	14.95	148.50
5.86	0.87	14.51	167.20
5.88	0.87	13.64	192.32
5.90	0.91	12.77	233.22
5.92	0.97	11.03	276.44
5.94	1.01	11.03	275.86
5.96	1.00	10.60	231.46
5.98	0.97	10.60	195.82
6.00	0.92	11.90	177.71
6.02	0.92	10.60	235.55
6.04	0.98	10.60	267.68
6.06	1.27	24.94	42.76
6.08	1.12	25.38	34.00
6.10	1.06	24.08	48.02
6.12	0.99	21.47	97.68
6.14	1.04	17.99	161.94
6.16	1.16	17.99	247.23
6.18	1.28	17.99	233.22
6.20	1.46	18.42	105.86
6.22	1.63	20.16	104.69
6.24	1.77	20.16	18.81
6.26	1.72	22.33	-36.69
6.28	1.64	26.68	-53.05
6.30	1.63	29.29	-46.04
6.32	1.60	28.86	-47.79
6.34	1.49	31.46	-58.31
6.36	1.29	31.03	-29.10
6.38	1.23	27.12	-21.50
6.40	1.11	25.38	-22.09
6.42	1.35	23.20	142.08
6.44	1.75	22.77	211.60
6.46	1.90	21.90	25.82
6.48	1.60	23.20	-48.37
6.50	1.27	20.59	-65.32

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**Intergeo** s.r.l.



Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.52	1.00	14.51	-65.90
6.54	0.97	9.29	0.11
6.56	1.05	12.76	112.28
6.58	1.18	17.11	168.95
6.60	1.32	22.33	154.34
6.62	1.40	23.20	103.52
6.64	1.36	25.37	22.32
6.66	1.23	22.33	26.99
6.68	1.17	20.59	87.16
6.70	1.24	21.46	143.24
6.72	1.28	22.33	137.99
6.74	1.27	20.59	111.11
6.76	1.28	19.72	66.13
6.78	1.17	17.11	70.80
6.80	1.09	13.63	110.53
6.82	1.05	14.50	129.22
6.84	1.01	17.11	126.89
6.86	1.03	18.41	170.70
6.88	1.06	19.28	192.32
6.90	1.09	19.28	192.90
6.92	1.09	17.98	162.53
6.94	1.05	20.15	152.01
6.96	1.03	22.33	121.05
6.98	1.01	23.20	156.10
7.00	1.04	22.76	189.40
7.02	1.08	22.76	223.87
7.04	1.10	22.32	206.34
7.06	1.10	22.76	184.73
7.08	1.10	22.32	139.74
7.10	1.08	26.24	277.03
7.12	1.09	27.54	228.54
7.14	1.08	27.98	178.30
7.16	1.05	30.15	173.04
7.18	1.05	29.28	157.85
7.20	1.03	28.84	142.66
7.22	0.99	27.98	151.43
7.24	0.97	26.67	122.22
7.26	0.93	26.24	127.47
7.28	0.94	24.50	133.90
7.30	0.96	24.06	163.69
7.32	0.98	24.06	165.44
7.34	1.03	24.06	182.97
7.36	1.05	23.19	213.35
7.38	1.06	22.32	193.49
7.40	1.09	22.75	175.38
7.42	1.06	23.19	140.33
7.44	1.03	23.19	135.65
7.46	0.99	23.19	108.19
7.48	0.96	24.93	102.94
7.50	0.96	25.36	132.73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.52	0.98	27.10	143.24
7.54	0.96	26.67	164.28
7.56	0.94	24.93	171.87
7.58	0.94	24.06	176.55
7.60	0.94	23.19	169.54
7.62	0.98	22.32	182.39
7.64	0.99	21.88	191.74
7.66	1.06	21.88	184.73
7.68	1.08	22.75	146.17
7.70	1.06	24.93	123.97
7.72	1.04	26.23	108.78
7.74	1.03	26.23	126.31
7.76	1.04	26.67	143.24
7.78	1.00	26.67	140.33
7.80	1.04	26.67	163.69
7.82	1.06	26.67	199.33
7.84	1.06	24.93	199.33
7.86	1.06	24.06	192.90
7.88	1.06	24.06	197.58
7.90	1.09	22.75	219.78
7.92	1.09	21.88	203.42
7.94	1.06	21.45	208.10
7.96	1.05	20.58	205.17
7.98	1.06	21.88	218.02
8.00	1.06	23.19	216.86
8.02	1.04	19.71	379.27
8.04	1.06	20.58	310.33
8.06	1.08	20.58	303.90
8.08	1.06	21.45	276.44
8.10	1.09	22.75	291.64
8.12	1.10	22.32	279.37
8.14	1.10	21.45	282.29
8.16	1.09	21.45	272.94
8.18	1.08	21.45	257.75
8.20	1.09	20.14	275.86
8.22	1.11	19.27	312.67
8.24	1.17	18.41	329.61
8.26	1.16	18.41	268.85
8.28	1.11	20.14	243.73
8.30	1.09	21.45	243.15
8.32	1.09	20.14	263.59
8.34	1.08	19.27	254.83
8.36	1.06	18.41	240.22
8.38	1.08	19.71	241.39
8.40	1.09	21.45	251.33
8.42	1.05	20.58	224.45
8.44	1.03	18.41	275.86
8.46	1.06	18.41	312.67
8.48	1.09	17.10	333.70
8.50	1.09	14.93	317.34

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.52	1.08	14.93	294.56
8.54	1.05	14.93	296.89
8.56	1.00	14.93	295.73
8.58	1.00	14.49	294.56
8.60	1.00	15.80	300.98
8.62	1.03	15.80	316.76
8.64	1.00	14.93	313.25
8.66	1.03	13.19	326.69
8.68	1.03	11.88	340.12
8.70	1.09	11.01	338.96
8.72	1.14	13.62	351.22
8.74	1.22	15.36	336.62
8.76	1.22	18.41	274.69
8.78	1.23	21.45	227.96
8.80	1.23	23.19	212.77
8.82	1.20	24.49	190.57
8.84	1.18	25.36	192.90
8.86	1.16	25.36	200.50
8.88	1.17	27.10	210.43
8.90	1.21	27.97	222.70
8.92	1.22	27.97	226.21
8.94	1.23	27.10	187.06
8.96	1.22	27.97	138.57
8.98	1.21	29.27	133.32
9.00	1.23	27.97	183.56
9.02	1.45	31.02	315.59
9.04	1.48	29.71	269.44
9.06	1.40	26.23	290.47
9.08	1.22	24.49	215.11
9.10	1.09	22.75	187.65
9.12	1.05	22.75	226.79
9.14	1.00	24.06	244.32
9.16	1.04	24.06	233.80
9.18	0.99	24.06	289.89
9.20	1.03	23.19	315.59
9.22	1.04	21.45	317.34
9.24	1.08	18.41	320.85
9.26	1.11	18.41	310.33
9.28	1.14	19.27	261.84
9.30	1.16	20.14	245.48
9.32	1.11	21.88	229.71
9.34	1.11	22.75	227.96
9.36	1.11	25.36	213.94
9.38	1.11	27.54	211.01
9.40	1.11	28.84	226.21
9.42	1.11	29.27	219.78
9.44	1.10	29.27	226.21
9.46	1.10	29.27	228.54
9.48	1.10	30.14	236.72
9.50	1.09	30.14	248.99

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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.52	1.09	29.71	271.77
9.54	1.09	29.71	278.78
9.56	1.09	29.27	278.78
9.58	1.10	27.97	278.20
9.60	1.10	27.97	267.68
9.62	1.11	27.53	273.53
9.64	1.14	27.53	287.55
9.66	1.14	27.97	282.29
9.68	1.14	27.53	277.61
9.70	1.14	27.53	259.50
9.72	1.12	28.84	261.84
9.74	1.14	27.97	253.66
9.76	1.17	28.84	252.49
9.78	1.17	29.27	238.47
9.80	1.16	29.71	230.88
9.82	1.15	30.14	210.43
9.84	1.14	31.88	209.85
9.86	1.15	32.31	209.85
9.88	1.15	32.31	201.08
9.90	1.15	31.88	178.30
9.92	1.16	31.45	174.79
9.94	1.18	31.01	178.30
9.96	1.20	30.14	195.24
9.98	1.22	28.84	198.16
10.00	1.24	29.27	189.98
10.02	1.28	30.14	294.56
10.04	1.28	30.14	218.02
10.06	1.26	29.71	197.00
10.08	1.24	30.14	174.21
10.10	1.21	31.01	160.19
10.12	1.18	31.01	175.96
10.14	1.15	29.71	161.94
10.16	1.11	27.97	156.68
10.18	1.10	27.53	175.96
10.20	1.10	27.97	197.58
10.22	1.11	27.53	218.02
10.24	1.11	27.10	204.00
10.26	1.15	27.53	208.68
10.28	1.21	28.84	212.18
10.30	1.24	29.27	233.80
10.32	1.28	27.97	261.26
10.34	1.33	27.10	272.94
10.36	1.36	32.75	320.85
10.38	1.39	35.79	297.48
10.40	1.35	36.23	261.84
10.42	1.35	37.10	229.12
10.44	1.33	39.71	199.33
10.46	1.34	43.62	212.18
10.48	1.34	45.36	217.44
10.50	1.34	48.40	220.36

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.52	1.34	51.88	209.85
10.54	1.35	53.62	200.50
10.56	1.35	55.36	184.73
10.58	1.35	55.79	187.06
10.60	1.35	56.66	199.91
10.62	1.35	57.53	220.36
10.64	1.39	58.40	227.96
10.66	1.45	61.44	222.11
10.68	1.53	64.92	222.70
10.70	1.60	66.22	239.64
10.72	1.59	65.79	245.48
10.74	1.59	64.05	241.98
10.76	1.63	64.92	257.75
10.78	1.78	67.53	282.87
10.80	1.92	68.40	280.54
10.82	1.99	68.40	281.70
10.84	1.99	63.61	232.05
10.86	1.93	57.96	182.39
10.88	1.87	52.74	148.50
10.90	1.89	51.00	141.49
10.92	1.83	48.39	114.03
10.94	1.76	46.65	112.87
10.96	1.74	46.65	98.85
10.98	1.65	48.83	66.13
11.00	1.57	50.57	72.56
11.02	1.47	50.57	420.75
11.04	1.45	46.22	357.65
11.06	1.40	43.18	341.29
11.08	1.38	40.57	344.22
11.10	1.36	36.65	347.72
11.12	1.36	31.87	338.37
11.14	1.33	29.70	340.71
11.16	1.32	26.22	331.95
11.18	1.33	25.35	314.42
11.20	1.35	27.09	317.92
11.22	1.40	27.96	357.65
11.24	1.56	27.52	375.18
11.26	1.66	29.70	373.43
11.28	1.77	29.70	373.43
11.30	1.88	30.13	265.93
11.32	1.96	32.74	213.35
11.34	2.02	35.79	180.05
11.36	2.06	38.83	160.77
11.38	2.13	41.87	118.71
11.40	2.14	46.66	111.11
11.42	2.17	51.87	86.58
11.44	2.13	55.79	84.24
11.46	2.10	56.22	74.89
11.48	2.12	56.66	62.63
11.50	2.14	57.96	46.27

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.52	2.12	59.26	53.86
11.54	2.17	58.40	64.38
11.56	2.22	56.65	32.24
11.58	2.12	58.39	8.29
11.60	2.10	63.18	7.71
11.62	2.02	63.61	2.45
11.64	1.99	64.92	13.55
11.66	2.05	64.04	26.40
11.68	2.06	68.39	42.76
11.70	2.07	68.39	69.64
11.72	2.09	62.31	49.77
11.74	2.05	62.74	32.83
11.76	2.04	64.04	38.67
11.78	2.01	63.17	36.92
11.80	1.98	62.74	21.73
11.82	1.97	64.04	8.29
11.84	1.95	72.73	0.70
11.86	1.94	79.69	-4.56
11.88	1.89	82.30	-2.81
11.90	1.86	84.47	0.11
11.92	1.83	86.65	6.54
11.94	1.80	89.25	10.63
11.96	1.75	85.34	12.38
11.98	1.70	78.38	12.38
12.00	1.63	73.16	7.12
12.02	1.52	68.38	0.11
12.04	1.32	57.95	156.10
12.06	1.23	53.60	126.31
12.08	1.17	50.99	112.87
12.10	1.09	51.86	116.96
12.12	1.01	53.17	129.81
12.14	0.99	46.64	162.53
12.16	1.01	39.69	237.89
12.18	1.08	34.04	291.05
12.20	1.09	27.95	310.33
12.22	1.08	20.56	319.68
12.24	1.04	14.47	323.77
12.26	1.04	10.12	358.23
12.28	1.07	9.25	403.80
12.30	1.19	7.51	491.44
12.32	1.28	7.08	516.56
12.34	1.23	5.78	433.60
12.36	1.19	7.95	385.11
12.38	1.15	10.56	406.73
12.40	1.14	11.86	401.47
12.42	1.17	13.17	449.96
12.44	1.32	15.34	530.58
12.46	1.64	17.95	570.89
12.48	2.06	21.87	492.02
12.50	2.35	19.69	198.16

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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.52	2.57	20.13	65.55
12.54	2.71	31.00	5.37
12.56	2.85	39.26	-16.24
12.58	2.94	46.65	-33.19
12.60	2.77	50.57	-41.95
12.62	2.52	50.13	-42.53
12.64	2.46	49.26	-32.60
12.66	2.65	46.65	-15.66
12.68	2.85	45.78	-24.42
12.70	2.94	55.78	-34.94
12.72	2.92	65.78	-41.36
12.74	2.83	63.61	-45.45
12.76	2.73	49.26	-47.21
12.78	2.77	44.48	-43.11
12.80	2.90	51.00	-37.86
12.82	2.92	50.13	-39.03
12.84	2.72	62.74	-43.70
12.86	2.61	65.35	-42.53
12.88	2.57	72.31	-36.69
12.90	2.55	63.17	-32.60
12.92	2.55	62.74	-32.02
12.94	2.84	66.22	-23.84
12.96	3.21	65.35	-16.83
12.98	3.87	55.35	15.31
13.00	3.91	61.43	-25.59
13.02	3.75	69.69	-39.61
13.04	3.33	74.48	-48.96
13.06	2.62	61.43	-54.80
13.08	1.92	45.35	-56.56
13.10	1.47	33.61	-50.13
13.12	1.23	27.95	-16.83
13.14	1.27	26.21	68.47
13.16	1.27	28.82	148.50
13.18	1.23	26.21	192.90
13.20	1.21	24.91	236.13
13.22	1.19	21.43	276.44
13.24	1.20	15.34	324.35
13.26	1.19	12.30	361.16
13.28	1.19	11.00	380.44
13.30	1.19	10.13	404.39
13.32	1.19	10.56	441.19
13.34	1.20	11.87	476.83
13.36	1.20	10.13	498.44
13.38	1.21	9.69	520.06
13.40	1.29	11.00	538.76
13.42	1.32	12.74	525.32
13.44	1.29	12.30	486.18
13.46	1.27	13.61	438.27
13.48	1.22	17.08	390.37
13.50	1.16	18.39	375.76

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.52	1.15	19.69	401.47
13.54	1.16	20.13	430.68
13.56	1.16	19.69	446.45
13.58	1.19	19.26	466.32
13.60	1.24	19.26	449.37
13.62	1.23	18.39	428.34
13.64	1.21	17.52	393.87
13.66	1.16	16.65	345.38
13.68	1.15	17.09	302.15
13.70	1.11	19.70	263.59
13.72	1.07	24.04	250.74
13.74	1.07	25.35	252.49
13.76	1.10	26.22	277.03
13.78	1.12	27.96	307.41
13.80	1.14	27.96	329.02
13.82	1.14	27.09	333.11
13.84	1.11	24.92	323.18
13.86	1.08	23.18	303.32
13.88	1.07	21.87	277.03
13.90	1.04	19.70	263.59
13.92	1.03	17.96	244.90
13.94	1.00	20.13	250.74
13.96	1.00	21.87	270.60
13.98	0.97	20.14	424.84
14.00	0.99	19.71	410.23
14.02	1.03	19.27	410.81
14.04	1.08	19.27	415.49
14.06	1.11	20.14	437.69
14.08	1.14	22.31	472.16
14.10	1.18	24.05	487.34
14.12	1.23	24.05	468.07
14.14	1.24	24.05	441.19
14.16	1.24	23.18	421.33
14.18	1.23	21.88	390.95
14.20	1.20	20.14	379.85
14.22	1.18	19.71	400.30
14.24	1.22	18.40	408.48
14.26	1.26	17.97	394.45
14.28	1.26	17.53	371.67
14.30	1.27	17.53	330.19
14.32	1.26	18.40	316.17
14.34	1.22	20.14	306.24
14.36	1.21	23.18	307.41
14.38	1.22	28.84	326.11
14.40	1.26	32.31	364.66
14.42	1.33	34.05	428.92
14.44	1.44	34.49	465.15
14.46	1.57	32.31	424.84
14.48	1.64	31.88	348.31
14.50	1.71	32.75	310.33

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.52	1.78	32.75	270.02
14.54	1.90	34.49	263.01
14.56	1.99	35.79	219.19
14.58	2.01	41.01	160.19
14.60	2.01	47.96	148.50
14.62	2.05	53.18	146.75
14.64	2.07	54.05	135.65
14.66	2.05	54.05	117.54
14.68	2.05	54.05	115.21
14.70	2.07	56.22	137.99
14.72	2.13	53.18	160.77
14.74	2.17	50.57	94.76
14.76	2.13	53.18	67.30
14.78	2.10	55.35	55.03
14.80	2.06	56.22	36.92
14.82	2.02	58.40	25.82
14.84	2.00	61.00	19.98
14.86	1.93	64.92	65.55
14.88	1.98	67.53	87.75
14.90	2.01	65.35	70.22
14.92	2.06	65.35	58.54
14.94	2.12	67.09	50.36
14.96	2.17	67.52	52.69
14.98	2.23	66.22	46.85
15.00	2.22	72.31	185.89
15.02	2.26	74.92	129.22
15.04	2.36	75.35	102.35
15.06	2.42	75.78	77.81
15.08	2.37	75.35	57.95
15.10	2.35	72.31	40.43
15.12	2.31	70.57	14.13
15.14	2.24	70.13	-10.99
15.16	2.17	72.31	-11.57
15.18	2.16	72.74	-8.65
15.20	2.13	70.13	-6.31
15.22	2.07	70.13	-4.56
15.24	2.04	74.48	-1.05
15.26	1.95	77.95	-3.39
15.28	1.89	76.65	-7.48
15.30	1.83	73.60	-8.06
15.32	1.82	74.91	-9.82
15.34	1.80	76.65	-7.48
15.36	1.78	77.08	-1.64
15.38	1.81	77.08	7.12
15.40	1.81	75.78	17.64
15.42	1.78	72.73	32.24
15.44	1.78	67.95	45.68
15.46	1.75	65.77	48.60
15.48	1.76	63.16	67.30
15.50	1.83	59.25	94.17

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secondo le norme  
UNI EN ISO 9001:2008

Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova **1**

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.52	1.87	57.94	118.12
15.54	1.99	55.34	105.27
15.56	2.05	55.77	88.33
15.58	1.98	55.77	86.00
15.60	1.88	53.59	94.76
15.62	1.86	49.25	94.17
15.64	1.82	50.55	116.96
15.66	1.76	51.86	137.40
15.68	1.71	48.81	148.50
15.70	1.69	46.64	126.31
15.72	1.62	50.12	123.97
15.74	1.57	51.42	154.34
15.76	1.52	46.20	176.55
15.78	1.49	40.99	213.35
15.80	1.40	36.64	238.47
15.82	1.31	34.46	238.47
15.84	1.28	30.12	234.38
15.86	1.25	27.51	241.39
15.88	1.21	25.33	247.23
15.90	1.19	27.07	251.91
15.92	1.13	28.81	272.94
15.94	1.11	26.64	300.40
15.96	1.10	21.86	328.44
15.98	1.13	17.94	387.44
16.00	1.15	13.16	437.11
16.02	1.29	13.62	450.54
16.04	1.32	15.36	490.27
16.06	1.33	16.66	547.52
16.08	1.45	16.66	617.63
16.10	1.62	17.53	664.36
16.12	1.77	15.36	649.76
16.14	1.95	16.66	514.80
16.16	2.05	23.18	546.94
16.18	2.08	25.36	460.47
16.20	2.08	27.53	323.18
16.22	1.98	36.23	209.85
16.24	1.95	47.97	215.11
16.26	2.07	59.27	249.57
16.28	2.10	64.05	248.40
16.30	2.00	57.53	139.74
16.32	1.84	55.36	97.10
16.34	1.74	54.05	123.97
16.36	1.58	44.49	136.23
16.38	1.39	31.88	213.35
16.40	1.32	19.71	245.48
16.42	1.33	14.49	350.06
16.44	1.45	17.53	461.06
16.46	1.53	17.97	519.48
16.48	1.65	19.27	514.22
16.50	1.76	21.88	506.04

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.52	1.84	22.31	493.77
16.54	1.89	22.75	389.78
16.56	1.90	31.01	372.26
16.58	1.89	36.66	345.38
16.60	1.88	44.05	331.95
16.62	1.89	47.97	312.08
16.64	1.92	50.57	307.41
16.66	1.96	54.05	347.13
16.68	2.07	59.27	393.87
16.70	2.05	59.27	409.65
16.72	2.05	56.22	326.11
16.74	1.99	54.92	244.90
16.76	1.82	55.79	216.86
16.78	1.66	55.36	212.18
16.80	1.60	57.53	215.11
16.82	1.60	58.83	303.32
16.84	1.74	54.92	425.42
16.86	1.90	50.14	512.47
16.88	2.04	45.79	468.07
16.90	2.08	41.88	379.27
16.92	2.02	41.00	310.91
16.94	1.94	40.57	291.64
16.96	1.76	41.01	568.55
16.98	1.89	53.18	521.23
17.00	1.95	61.01	469.82
17.02	1.92	65.35	424.25
17.04	1.88	64.92	399.71
17.06	1.86	63.18	396.79
17.08	1.83	60.57	414.90
17.10	1.88	56.22	403.80
17.12	1.89	54.05	336.62
17.14	1.84	53.18	308.00
17.16	1.78	50.57	268.27
17.18	1.74	48.83	234.38
17.20	1.72	50.57	232.05
17.22	1.71	52.74	242.56
17.24	1.69	54.05	220.36
17.26	1.68	55.35	201.67
17.28	1.65	53.61	195.24
17.30	1.65	51.44	212.77
17.32	1.65	50.13	225.03
17.34	1.65	48.83	224.45
17.36	1.66	47.96	236.13
17.38	1.70	46.65	241.98
17.40	1.70	45.78	227.96
17.42	1.71	47.09	248.40
17.44	1.75	46.65	218.02
17.46	1.75	48.82	183.56
17.48	1.80	51.43	171.87
17.50	1.85	51.87	160.77

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.52	1.90	55.78	139.16
17.54	1.93	59.26	120.46
17.56	1.97	62.30	112.28
17.58	1.99	67.08	118.71
17.60	2.02	68.82	142.08
17.62	2.09	68.39	140.33
17.64	2.17	67.95	107.02
17.66	2.18	67.52	84.24
17.68	2.18	67.52	69.64
17.70	2.14	67.52	55.03
17.72	2.10	66.21	35.17
17.74	2.07	67.52	24.07
17.76	2.04	70.56	26.99
17.78	1.99	73.60	39.26
17.80	1.97	71.86	43.34
17.82	1.93	69.69	50.94
17.84	1.92	68.82	50.36
17.86	2.00	71.86	64.38
17.88	2.11	75.34	83.07
17.90	2.19	79.68	126.31
17.92	2.27	83.16	156.10
17.94	2.31	83.16	165.44
17.96	2.22	63.60	349.47
17.98	2.33	68.38	276.44
18.00	2.30	65.34	202.25
18.02	2.28	63.60	170.70
18.04	2.19	62.30	133.32
18.06	2.09	62.30	145.00
18.08	1.95	61.43	160.77
18.10	1.88	60.99	175.38
18.12	1.88	57.95	188.23
18.14	1.95	55.77	156.68
18.16	2.04	56.21	125.72
18.18	2.07	60.12	115.79
18.20	2.12	62.73	136.82
18.22	2.21	64.90	152.01
18.24	2.29	65.77	128.64
18.26	2.37	69.68	115.79
18.28	2.45	73.16	95.34
18.30	2.45	73.16	62.04
18.32	2.45	73.60	50.36
18.34	2.45	74.90	43.93
18.36	2.40	77.94	45.10
18.38	2.37	80.55	66.13
18.40	2.35	79.25	63.21
18.42	2.34	78.38	49.19
18.44	2.35	80.55	43.93
18.46	2.33	81.86	56.20
18.48	2.34	79.25	59.12
18.50	2.36	75.77	60.87



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**Intergeo** s.r.l.



Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova **1**

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.52	2.37	74.90	63.79
18.54	2.35	75.33	60.29
18.56	2.36	72.29	71.97
18.58	2.40	69.68	73.14
18.60	2.46	69.68	68.47
18.62	2.47	74.46	88.33
18.64	2.56	77.50	88.91
18.66	2.57	81.85	82.49
18.68	2.58	84.02	118.12
18.70	2.59	82.72	151.43
18.72	2.54	84.89	139.16
18.74	2.52	84.02	108.78
18.76	2.42	85.33	105.27
18.78	2.25	84.89	122.22
18.80	2.13	79.67	130.98
18.82	2.06	75.32	81.32
18.84	1.93	77.50	55.03
18.86	1.81	77.50	75.48
18.88	1.77	74.89	104.69
18.90	1.73	68.80	108.78
18.92	1.69	67.50	123.38
18.94	1.67	67.50	149.67
18.96	1.51	50.98	493.77
18.98	1.64	58.37	503.70
19.00	1.62	57.50	482.67
19.02	1.61	57.50	478.58
19.04	1.61	55.77	475.66
19.06	1.62	51.85	487.34
19.08	1.62	48.37	495.53
19.10	1.59	44.03	506.63
19.12	1.57	38.81	506.04
19.14	1.51	35.77	497.86
19.16	1.52	34.46	523.57
19.18	1.57	34.90	565.05
19.20	1.62	33.59	578.48
19.22	1.64	31.85	541.10
19.24	1.65	32.72	502.54
19.26	1.65	34.03	498.44
19.28	1.65	34.46	466.90
19.30	1.64	34.90	454.63
19.32	1.63	35.77	475.08
19.34	1.63	37.07	468.65
19.36	1.64	37.51	465.73
19.38	1.65	37.07	452.88
19.40	1.65	37.07	455.80
19.42	1.68	37.07	454.63
19.44	1.65	36.21	437.11
19.46	1.65	36.64	440.61
19.48	1.65	37.07	438.27
19.50	1.68	36.64	442.36

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.52	1.68	36.64	436.52
19.54	1.65	35.77	419.58
19.56	1.65	36.21	421.33
19.58	1.65	36.64	408.48
19.60	1.63	36.21	399.71
19.62	1.61	36.64	400.89
19.64	1.57	37.51	394.45
19.66	1.56	37.08	409.65
19.68	1.53	36.64	406.14
19.70	1.49	36.64	414.90
19.72	1.46	35.78	415.49
19.74	1.45	34.91	427.76
19.76	1.43	32.73	430.10
19.78	1.39	31.43	421.33
19.80	1.34	29.26	427.17
19.82	1.31	27.95	432.43
19.84	1.29	24.91	453.46
19.86	1.28	23.17	462.22
19.88	1.25	21.86	470.40
19.90	1.22	20.12	475.08
19.92	1.21	18.39	489.10
19.94	1.21	16.65	514.80
19.96	1.46	9.27	534.67
19.98	1.47	12.75	477.42
20.00	1.39	15.79	482.09
20.02	1.32	17.09	480.92
20.04	1.26	16.66	499.03
20.06	1.26	14.49	539.92
20.08	1.32	13.62	572.06
20.10	1.36	15.79	605.94
20.12	1.41	17.10	612.95
20.14	1.46	16.66	600.10
20.16	1.58	18.40	644.50
20.18	1.78	22.75	623.47
20.20	1.70	24.05	404.97
20.22	1.63	27.53	451.12
20.24	1.62	30.14	477.42
20.26	1.60	31.01	481.50
20.28	1.63	32.32	433.60
20.30	1.64	37.53	430.10
20.32	1.64	40.58	443.53
20.34	1.69	39.71	459.31
20.36	1.70	39.71	455.80
20.38	1.72	38.40	500.20
20.40	1.84	35.79	548.69
20.42	2.00	32.75	539.92
20.44	2.19	34.06	491.44
20.46	2.31	40.58	449.37
20.48	2.34	41.45	325.52
20.50	2.40	47.97	280.54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.52	2.30	53.62	248.40
20.54	2.26	61.45	310.91
20.56	2.26	66.23	303.90
20.58	2.25	72.32	202.25
20.60	2.23	73.62	170.70
20.62	2.19	75.36	195.24
20.64	2.25	74.49	230.88
20.66	2.31	74.92	208.10
20.68	2.31	75.36	185.89
20.70	2.34	75.79	188.81
20.72	2.35	72.31	186.48
20.74	2.41	70.14	202.84
20.76	2.40	69.70	198.75
20.78	2.42	69.70	167.78
20.80	2.38	67.96	108.19
20.82	2.31	65.35	93.00
20.84	2.24	65.79	84.82
20.86	2.17	67.96	87.16
20.88	2.14	70.57	91.25
20.90	2.10	74.48	101.77
20.92	2.06	74.91	114.62
20.94	2.01	73.17	100.60
20.96	1.86	65.34	389.78
20.98	1.87	70.99	336.03
21.00	1.83	69.69	299.23
21.02	1.81	67.95	320.26
21.04	1.90	64.04	361.74
21.06	1.95	61.43	363.49
21.08	1.93	57.95	357.07
21.10	1.86	53.60	365.24
21.12	1.86	48.39	426.59
21.14	1.83	41.43	462.81
21.16	1.83	36.21	519.48
21.18	1.87	31.86	492.02
21.20	1.95	30.12	447.03
21.22	2.04	29.25	404.39
21.24	2.13	31.43	307.41
21.26	2.18	36.64	244.32
21.28	2.18	42.30	174.79
21.30	2.17	49.25	164.28
21.32	2.17	51.86	131.56
21.34	2.23	54.91	112.87
21.36	2.28	58.39	98.26
21.38	2.29	62.73	78.40
21.40	2.33	65.78	87.16
21.42	2.40	68.82	74.89
21.44	2.41	71.86	69.05
21.46	2.41	73.60	70.22
21.48	2.40	75.34	61.45
21.50	2.40	75.78	87.75

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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova **1**

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.52	2.43	70.56	75.48
21.54	2.40	67.95	38.67
21.56	2.34	68.82	36.33
21.58	2.33	70.55	63.21
21.60	2.43	69.68	102.35
21.62	2.52	69.68	118.12
21.64	2.57	70.55	74.89
21.66	2.52	77.94	41.01
21.68	2.49	82.29	22.32
21.70	2.40	83.16	-10.99
21.72	2.35	85.33	-29.10
21.74	2.28	89.68	-33.19
21.76	2.15	94.46	-34.35
21.78	2.05	97.51	-31.43
21.80	2.01	100.55	-16.83
21.82	2.00	101.42	-3.39
21.84	2.00	99.24	11.80
21.86	2.01	95.77	32.83
21.88	2.09	91.85	54.44
21.90	2.20	87.07	102.35
21.92	2.27	84.46	158.44
21.94	2.35	79.24	212.77
21.96	2.41	70.11	169.54
21.98	2.25	53.60	401.47
22.00	2.31	60.55	387.44
22.02	2.25	58.38	369.33
22.04	2.21	57.51	359.99
22.06	2.19	58.82	305.66
22.08	2.18	60.12	235.55
22.10	2.17	63.60	208.68
22.12	2.12	64.90	244.90
22.14	2.13	60.12	295.73
22.16	2.17	54.90	285.79
22.18	2.17	55.34	270.02
22.20	2.19	56.64	292.80
22.22	2.21	57.94	318.51
22.24	2.24	54.90	373.43
22.26	2.35	52.73	400.89
22.28	2.41	53.16	420.75
22.30	2.43	53.16	359.40
22.32	2.39	51.86	315.59
22.34	2.39	53.16	289.30
22.36	2.37	56.21	265.93
22.38	2.33	60.12	228.54
22.40	2.27	63.16	152.01
22.42	2.13	69.68	115.79
22.44	2.03	74.47	126.31
22.46	1.93	74.90	132.73
22.48	1.87	73.59	170.12
22.50	1.85	72.29	204.00

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.52	1.81	68.38	213.94
22.54	1.75	62.73	227.96
22.56	1.65	56.20	272.36
22.58	1.63	48.38	348.89
22.60	1.62	41.42	416.07
22.62	1.62	36.20	454.63
22.64	1.61	30.11	492.60
22.66	1.61	25.33	536.42
22.68	1.62	20.11	575.56
22.70	1.62	18.38	595.43
22.72	1.62	19.68	608.86
22.74	1.62	20.55	621.13
22.76	1.61	20.55	630.48
22.78	1.61	21.42	639.24
22.80	1.62	21.42	657.94
22.82	1.65	22.29	656.77
22.84	1.69	23.16	638.66
22.86	1.73	24.47	626.39
22.88	1.74	24.90	610.03
22.90	1.76	26.64	604.19
22.92	1.80	27.08	572.64
22.94	1.81	26.64	564.46
22.96	1.85	27.08	550.44
22.98	1.86	33.62	614.12
23.00	1.91	36.23	606.53
23.02	1.96	38.40	570.31
23.04	1.98	38.84	523.57
23.06	2.05	41.01	515.97
23.08	2.10	42.32	476.83
23.10	2.13	45.36	442.36
23.12	2.17	46.66	402.05
23.14	2.14	46.23	369.33
23.16	2.12	45.79	342.46
23.18	2.07	47.97	316.17
23.20	2.06	50.14	312.67
23.22	2.01	52.75	372.84
23.24	2.08	50.58	432.43
23.26	2.08	48.84	417.82
23.28	2.01	47.97	437.69
23.30	1.98	45.79	428.34
23.32	1.95	44.05	395.63
23.34	1.89	43.18	369.33
23.36	1.86	41.88	411.98
23.38	1.84	42.31	452.88
23.40	1.86	41.44	481.50
23.42	1.88	40.57	489.68
23.44	1.87	41.01	501.95
23.46	1.82	37.53	473.91
23.48	1.74	36.66	472.74
23.50	1.65	35.79	503.12

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.52	1.63	31.88	549.86
23.54	1.65	29.70	592.50
23.56	1.74	26.66	642.16
23.58	1.80	24.05	666.70
23.60	1.84	21.44	670.21
23.62	1.86	17.96	668.45
23.64	1.98	14.92	698.83
23.66	2.11	14.49	706.43
23.68	2.26	14.49	639.82
23.70	2.46	15.36	572.64
23.72	2.71	15.79	556.28
23.74	3.16	17.97	326.69
23.76	3.56	24.92	98.26
23.78	3.73	36.23	-1.05
23.80	3.95	38.40	-19.16
23.82	4.23	45.79	-34.35
23.84	4.09	62.75	-65.90
23.86	3.38	62.32	-81.67
23.88	2.64	37.53	-60.06
23.90	2.13	34.93	34.58
23.92	1.82	29.27	160.77
23.94	1.71	27.53	320.26
23.96	1.72	27.53	437.69
23.98	2.61	32.32	278.20
24.00	2.58	39.71	219.19
24.02	2.38	44.49	289.89
24.04	2.24	39.27	344.80
24.06	2.06	34.06	410.23
24.08	1.94	31.88	525.32
24.10	1.94	32.32	546.35
24.12	1.88	39.71	497.28
24.14	1.83	46.66	445.87
24.16	1.79	51.01	448.21
24.18	1.79	50.14	442.95
24.20	1.75	46.66	456.38
24.22	1.74	47.10	475.08
24.24	1.65	48.40	487.93
24.26	1.63	45.36	496.11
24.28	1.64	43.19	525.32
24.30	1.71	42.31	565.63
24.32	1.81	41.45	619.38
24.34	1.93	39.71	673.12
24.36	2.07	38.40	719.86
24.38	2.24	36.23	768.35
24.40	2.37	36.23	726.29
24.42	2.42	37.53	463.39
24.44	2.32	43.18	334.28
24.46	2.07	48.40	382.77
24.48	1.92	51.01	465.15
24.50	1.89	51.44	534.08

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Committente AUTOSTRADA A22 MO-BRENNERO

Località CARPI

Cantiere VIA AGRICOLTURA

Data 20/4/15

Preforo 0.50 m. p.c. Falda 0.50 ml

Prova 1

Cert. N. 268/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.52	1.90	51.44	553.36
24.54	1.90	51.44	498.44
24.56	1.88	51.44	433.60
24.58	1.83	50.57	428.92
24.60	1.76	48.40	462.81
24.62	1.71	46.22	497.28
24.64	1.68	45.79	532.91
24.66	1.65	43.61	569.72
24.68	1.63	41.01	594.84
24.70	1.62	35.79	614.12
24.72	1.60	31.44	634.57
24.74	1.60	27.96	663.19
24.76	1.62	26.66	684.81
24.78	1.63	24.92	715.19
24.80	1.70	24.05	735.05
24.82	1.78	24.48	714.60
24.84	1.87	24.92	684.81
24.86	1.93	26.66	628.73
24.88	1.99	27.96	564.46
24.90	2.04	31.88	532.91
24.92	2.08	35.79	448.79
24.94	2.10	41.01	440.02
24.96	2.12	44.49	393.87
24.98	2.10	52.75	471.57
25.00	2.10	55.80	431.26
25.02	2.15	59.28	380.44
25.04	2.15	62.32	367.00
25.06	2.19	64.93	330.78
25.08	2.20	67.54	292.80
25.10	2.19	71.02	308.58
25.12	2.23	72.75	326.69
25.14	2.25	72.75	311.50
25.16	2.26	75.36	313.25
25.18	2.29	74.93	313.84
25.20	2.24	73.19	450.54
25.22	2.26	68.40	506.04
25.24	2.31	64.93	494.94
25.26	2.36	64.06	494.36
25.28	2.40	62.75	427.76
25.30	2.41	61.01	361.16
25.32	2.40	60.57	333.70
25.34	2.41	62.75	339.54
25.36	2.41	60.57	317.92
25.38	2.40	60.57	301.57
25.40	2.37	61.44	309.75
25.42	2.36	63.18	315.59
25.44	2.36	63.18	305.07
25.46	2.29	63.61	300.98
25.48	2.24	62.74	352.39
25.50	2.23	59.26	387.44

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.52	2.25	56.66	389.78
25.54	2.24	54.05	388.03
25.56	2.22	54.05	392.70
25.58	2.17	53.61	399.13
25.60	2.14	52.74	402.05
25.62	2.12	51.44	437.11
25.64	2.11	51.44	463.98
25.66	2.13	50.57	473.33
25.68	2.14	51.44	465.73
25.70	2.16	52.74	453.46
25.72	2.16	51.87	463.98
25.74	2.16	51.44	456.38
25.76	2.17	51.87	431.26
25.78	2.22	54.92	416.66
25.80	2.18	55.35	399.71
25.82	2.14	54.92	390.37
25.84	2.11	52.74	417.24
25.86	2.24	51.00	464.56
25.88	2.16	50.57	451.12
25.90	2.10	45.78	480.92
25.92	2.06	41.44	499.03
25.94	2.07	36.65	515.39
25.96	2.06	33.61	514.80
25.98	1.60	25.36	938.94
26.00	2.02	30.14	768.94
26.02	2.10	29.27	759.59
26.04	2.17	31.01	739.73
26.06	2.23	31.88	734.47
26.08	2.25	33.62	700.58
26.10	2.31	36.23	642.75
26.12	2.30	40.58	597.76
26.14	2.29	44.49	564.46
26.16	2.24	50.14	506.04
26.18	2.18	55.80	475.66
26.20	2.10	59.27	426.59
26.22	2.01	62.32	419.00
26.24	1.96	62.75	442.36
26.26	1.91	60.14	410.23
26.28	1.82	60.14	419.58
26.30	1.76	56.67	435.94
26.32	1.67	54.93	443.53
26.34	1.58	50.58	488.52
26.36	1.54	45.79	545.18
26.38	1.50	41.88	594.26
26.40	1.47	37.10	632.81
26.42	1.45	31.01	681.31
26.44	1.45	24.93	738.56
26.46	1.46	19.71	788.22
26.48	1.51	16.66	851.31
26.50	1.58	14.49	905.64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.52	1.67	13.19	868.84
26.54	1.71	13.62	841.38
26.56	1.81	12.32	789.97
26.58	1.86	12.75	684.81
26.60	1.87	15.36	813.33
26.62	1.99	17.10	804.57
26.64	1.99	20.58	766.60
26.66	1.93	26.23	812.17
26.68	1.93	27.98	843.13
26.70	1.95	29.71	870.59
26.72	1.94	31.45	854.81
26.74	1.88	29.72	828.53
26.76	1.82	28.85	821.52
26.78	1.87	27.54	875.85
26.80	1.95	24.93	899.22
26.82	2.06	24.94	856.57
26.84	2.22	24.50	865.33
26.86	2.44	27.54	834.37
26.88	2.61	27.98	695.91
26.90	2.66	27.98	662.02
26.92	2.71	31.02	605.36
26.94	2.59	34.94	729.79
26.96	2.59	34.50	811.58
26.98	3.31	58.41	447.62
27.00	3.21	56.24	326.69
27.02	2.90	63.63	315.00
27.04	2.68	67.98	407.31
27.06	2.51	66.24	596.01
27.08	2.58	55.81	812.75
27.10	2.70	51.46	943.03
27.12	2.75	46.24	966.98
27.14	2.75	46.68	903.89
27.16	2.67	46.24	860.07
27.18	2.65	49.28	848.39
27.20	2.61	51.46	941.86
27.22	2.62	51.02	997.36
27.24	2.62	46.24	907.98
27.26	2.65	50.15	898.05
27.28	2.65	50.59	878.18
27.30	2.62	48.41	923.17
27.32	2.62	51.89	922.00
27.34	2.54	51.46	888.11
27.36	2.44	47.11	875.26
27.38	2.39	45.37	956.47
27.40	2.39	41.02	1075.65
27.42	2.48	35.80	1134.07
27.44	2.60	35.80	1158.60
27.46	2.78	36.24	1198.91
27.48	2.90	40.58	1174.38
27.50	2.97	45.80	1087.91





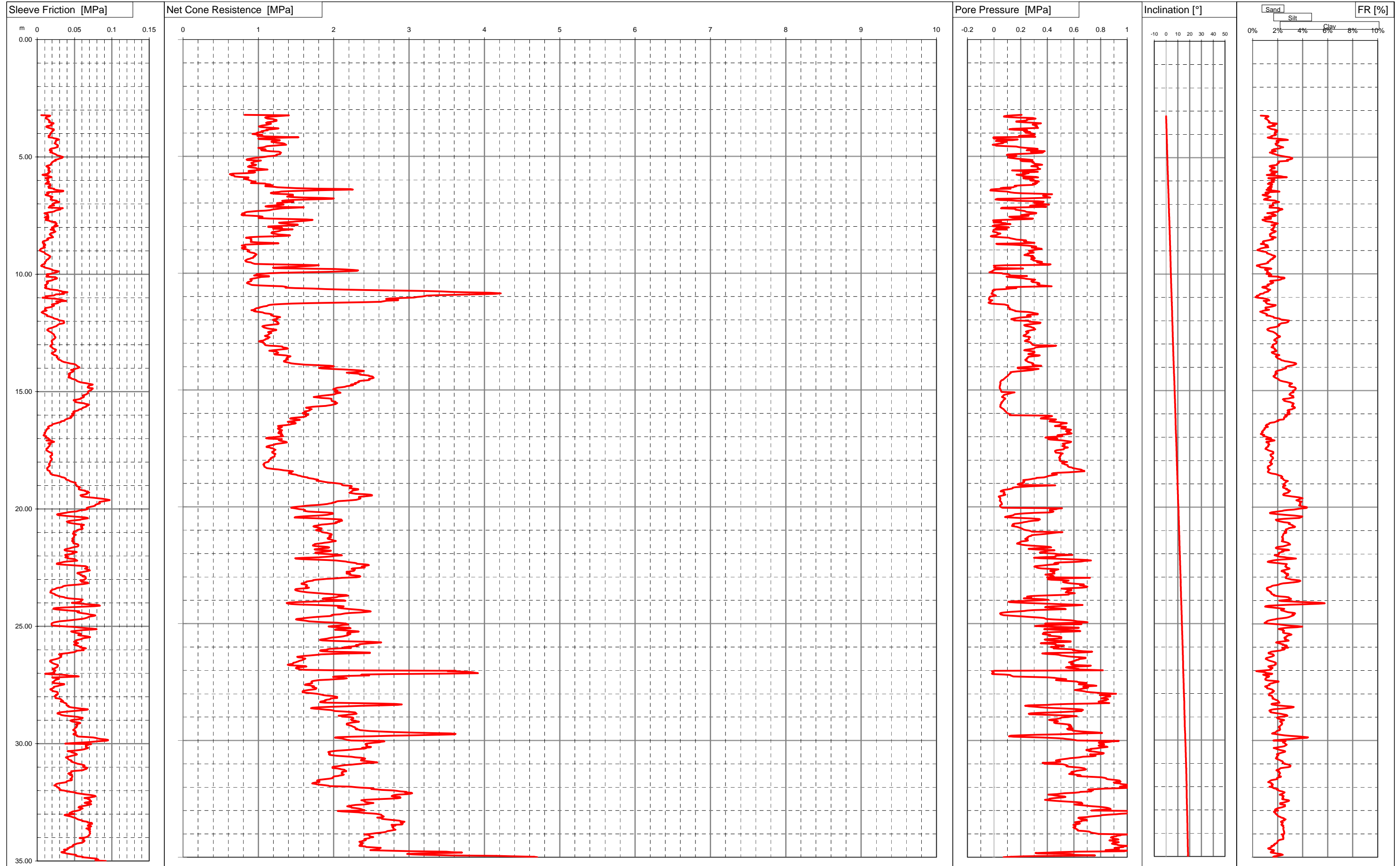
PREFORO CON SONDA PER PROVA PENETROMETRICA CPTU2



PROVA PENETROMETRICA CPTU2

Committente AUTOSTRADA DEL BRENNERO  
Località Km. 299.500  
Cantiere PIAZZOLA  
Operatore Dott. Stanzani  
Prova nr. 2 Cert. N. 269/15  
Data 20/4/15 Emesso il 20/04/2015  
Falda 2.80 ml  
Preforo 3.20 m. p.c.

 **Intergeo**...  
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Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3.22	0.82	5.36	206.92
3.24	1.40	17.53	143.24
3.26	1.33	17.10	98.85
3.28	1.24	15.36	74.89
3.30	1.17	12.32	74.31
3.32	1.10	11.88	113.45
3.34	1.09	11.01	180.64
3.36	1.10	11.88	292.80
3.38	1.12	13.19	311.50
3.40	1.20	14.49	290.47
3.42	1.21	14.93	246.07
3.44	1.24	15.80	250.16
3.46	1.24	16.67	243.15
3.48	1.24	17.10	213.94
3.50	1.21	15.80	166.03
3.52	1.18	15.80	166.03
3.54	1.12	18.41	220.36
3.56	1.10	21.89	301.57
3.58	1.11	21.89	352.39
3.60	1.17	19.71	330.19
3.62	1.15	19.28	305.66
3.64	1.12	17.97	289.30
3.66	1.09	19.71	306.24
3.68	1.05	13.63	309.16
3.70	1.03	12.32	323.18
3.72	1.01	12.32	314.42
3.74	1.03	13.63	324.94
3.76	1.10	15.37	322.60
3.78	1.21	17.54	330.78
3.80	1.27	19.72	226.21
3.82	1.23	22.32	137.40
3.84	1.17	22.32	115.21
3.86	1.10	22.32	150.84
3.88	1.13	20.59	248.40
3.90	1.08	20.15	225.62
3.92	1.04	20.59	225.03
3.94	1.06	19.72	255.42
3.96	1.03	18.41	272.36
3.98	0.99	18.41	235.55
4.00	0.99	17.98	255.42
4.02	0.96	17.11	289.89
4.04	0.92	17.54	289.30
4.06	0.96	17.54	306.24
4.08	1.05	17.11	299.23
4.10	1.03	15.37	262.43
4.12	0.99	15.37	187.06
4.14	1.08	15.37	237.89
4.16	1.27	15.37	310.33
4.18	1.53	20.59	-3.39
4.20	1.30	21.90	-5.73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4.22	1.11	25.38	-3.98
4.24	1.00	27.55	-0.47
4.26	1.01	29.29	84.82
4.28	1.18	27.12	177.71
4.30	1.28	24.94	139.16
4.32	1.28	24.94	19.98
4.34	1.21	24.51	12.97
4.36	1.17	24.94	68.47
4.38	1.17	24.51	94.76
4.40	1.22	24.07	54.44
4.42	1.25	23.20	70.80
4.44	1.33	24.94	62.63
4.46	1.35	25.38	33.42
4.48	1.36	26.68	11.22
4.50	1.37	27.55	-10.99
4.52	1.27	27.99	16.47
4.54	1.21	27.12	14.72
4.56	1.12	26.68	88.91
4.58	1.10	27.55	167.78
4.60	1.08	24.94	181.80
4.62	1.05	23.20	204.00
4.64	1.00	19.29	240.81
4.66	1.04	17.98	305.07
4.68	1.03	17.11	327.27
4.70	1.10	17.11	290.47
4.72	1.06	16.68	252.49
4.74	1.04	19.72	244.90
4.76	1.09	19.28	329.61
4.78	1.16	18.41	381.02
4.80	1.27	17.55	277.03
4.82	1.29	20.59	369.33
4.84	1.30	20.59	361.74
4.86	1.29	22.76	307.41
4.88	1.29	24.07	248.40
4.90	1.29	25.37	156.10
4.92	1.25	26.24	101.18
4.94	1.24	27.98	95.92
4.96	1.25	31.02	122.80
4.98	1.20	32.33	168.95
5.00	1.13	34.50	165.44
5.02	1.08	34.07	116.96
5.04	1.03	33.63	106.44
5.06	0.96	31.46	118.12
5.08	0.92	29.28	148.50
5.10	0.89	27.11	174.79
5.12	0.85	24.06	222.11
5.14	0.84	24.06	263.01
5.16	0.85	24.93	289.89
5.18	1.04	21.88	197.58
5.20	0.99	21.45	212.18

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5.22	0.96	20.14	282.29
5.24	0.94	20.14	297.48
5.26	0.93	19.27	287.55
5.28	0.90	18.40	300.40
5.30	0.93	18.40	300.40
5.32	0.91	18.40	310.33
5.34	0.94	17.97	342.46
5.36	0.97	15.36	361.16
5.38	0.96	13.18	319.10
5.40	0.88	12.31	292.22
5.42	0.87	13.18	278.78
5.44	0.86	15.36	317.34
5.46	0.88	15.79	328.44
5.48	0.93	16.66	328.44
5.50	0.97	14.92	330.19
5.52	0.98	14.92	327.86
5.54	1.05	15.79	346.55
5.56	1.12	15.79	320.85
5.58	1.03	14.92	265.93
5.60	0.93	15.79	135.07
5.62	0.87	17.53	199.33
5.64	0.87	17.09	280.54
5.66	0.91	15.79	329.02
5.68	0.96	14.49	250.74
5.70	0.93	15.36	215.11
5.72	0.85	15.36	260.67
5.74	0.66	9.70	241.98
5.76	0.62	7.09	230.29
5.78	0.66	9.27	168.37
5.80	0.64	13.18	185.31
5.82	0.67	15.79	214.52
5.84	0.68	17.09	212.77
5.86	0.68	19.27	246.65
5.88	0.75	16.66	315.00
5.90	0.87	11.01	331.36
5.92	0.87	12.31	219.78
5.94	0.85	14.92	221.53
5.96	0.81	14.48	275.86
5.98	0.84	14.48	289.30
6.00	0.87	13.18	298.06
6.02	0.88	13.61	270.02
6.04	0.90	15.35	282.87
6.06	0.91	15.78	331.36
6.08	0.97	15.35	337.21
6.10	0.95	12.74	316.17
6.12	0.92	13.18	307.41
6.14	0.90	11.00	323.77
6.16	1.09	17.52	291.64
6.18	1.09	16.65	312.67
6.20	1.16	17.08	301.57

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6.22	1.16	17.95	289.89
6.24	1.19	17.08	202.25
6.26	1.09	14.91	154.34
6.28	1.09	17.08	167.20
6.30	1.21	16.65	149.09
6.32	1.25	15.34	144.42
6.34	1.39	19.26	69.05
6.36	1.50	22.73	49.19
6.38	1.77	22.30	125.13
6.40	2.22	24.91	15.31
6.42	2.25	28.82	-22.67
6.44	1.97	34.91	-23.84
6.46	1.71	34.91	-28.51
6.48	1.45	31.86	31.66
6.50	1.31	15.34	95.92
6.52	1.28	13.17	111.11
6.54	1.20	15.78	126.31
6.56	1.17	13.60	153.18
6.58	1.17	14.47	211.01
6.60	1.22	12.29	350.06
6.62	1.38	10.99	435.94
6.64	1.46	13.16	397.38
6.66	1.46	15.77	383.36
6.68	1.46	18.38	367.00
6.70	1.40	20.55	382.19
6.72	1.38	17.94	393.29
6.74	1.44	18.38	404.97
6.76	1.59	19.25	422.50
6.78	1.86	19.25	350.06
6.80	2.00	19.25	225.03
6.82	1.98	17.94	24.07
6.84	1.68	20.55	10.63
6.86	1.46	26.20	36.92
6.88	1.37	26.64	123.97
6.90	1.31	25.33	173.04
6.92	1.37	29.68	327.86
6.94	1.47	27.94	372.84
6.96	1.40	23.16	320.26
6.98	1.33	21.85	300.40
7.00	1.25	20.54	301.57
7.02	1.25	20.11	361.16
7.04	1.27	20.54	378.68
7.06	1.33	22.72	413.15
7.08	1.30	17.93	319.10
7.10	1.20	16.63	283.45
7.12	1.13	17.06	268.85
7.14	1.09	16.63	334.87
7.16	1.13	15.33	392.12
7.18	1.60	34.45	238.47
7.20	1.49	30.97	59.70

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7.22	1.31	31.40	52.69
7.24	1.26	30.97	150.84
7.26	1.21	27.49	161.94
7.28	1.18	25.32	161.36
7.30	1.16	24.01	185.89
7.32	1.10	23.14	205.76
7.34	0.98	20.10	230.29
7.36	0.92	15.32	236.13
7.38	0.85	13.14	244.90
7.40	0.82	9.66	297.48
7.42	0.82	13.58	317.92
7.44	0.79	12.08	315.59
7.46	0.79	14.25	286.38
7.48	0.82	14.68	244.90
7.50	0.78	14.68	224.45
7.52	0.79	14.25	202.25
7.54	0.90	12.08	260.09
7.56	1.01	15.31	240.81
7.58	1.06	10.10	113.45
7.60	1.00	13.58	125.13
7.62	1.00	14.88	137.99
7.64	1.00	14.88	212.77
7.66	1.14	11.84	292.80
7.68	1.39	10.97	284.63
7.70	1.64	13.58	173.04
7.72	1.72	16.62	62.63
7.74	1.68	17.05	-7.48
7.76	1.60	19.66	-5.14
7.78	1.50	24.44	52.11
7.80	1.46	22.27	40.43
7.82	1.34	25.31	-3.98
7.84	1.27	26.18	49.77
7.86	1.30	25.31	88.33
7.88	1.36	25.31	83.07
7.90	1.43	24.44	123.97
7.92	1.52	23.14	70.80
7.94	1.52	27.48	1.87
7.96	1.42	25.31	0.11
7.98	1.26	22.27	-12.15
8.00	1.13	19.66	17.64
8.02	1.13	19.66	95.92
8.04	1.25	20.53	112.87
8.06	1.32	22.27	56.78
8.08	1.25	20.53	18.22
8.10	1.20	17.92	10.05
8.12	1.45	22.70	95.92
8.14	1.38	21.83	-3.39
8.16	1.30	23.13	-5.14
8.18	1.29	24.43	-3.98
8.20	1.27	23.13	-5.73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8.22	1.24	21.83	-8.65
8.24	1.18	19.22	6.54
8.26	1.19	17.91	21.73
8.28	1.17	17.91	22.90
8.30	1.19	16.61	48.02
8.32	1.24	17.91	36.92
8.34	1.27	17.91	28.74
8.36	1.36	19.22	21.73
8.38	1.42	20.09	8.29
8.40	1.38	20.52	-18.58
8.42	1.22	21.39	-25.59
8.44	1.02	19.21	-13.90
8.46	0.89	15.30	44.52
8.48	0.83	13.57	112.87
8.50	0.89	13.56	121.63
8.52	0.90	14.87	137.40
8.54	0.91	13.56	154.93
8.56	0.90	11.82	168.95
8.58	0.90	9.65	215.11
8.60	0.91	7.91	240.81
8.62	0.91	7.48	222.70
8.64	0.90	7.48	225.03
8.66	0.90	7.48	247.82
8.68	1.00	9.21	277.61
8.70	1.17	9.65	304.49
8.72	1.27	8.34	198.16
8.74	1.15	10.95	17.06
8.76	0.95	10.95	26.99
8.78	0.82	10.08	142.66
8.80	0.81	8.34	205.17
8.82	0.78	9.21	253.08
8.84	0.81	10.08	284.63
8.86	0.82	10.52	316.17
8.88	0.83	7.91	307.41
8.90	0.81	6.17	282.29
8.92	0.78	4.87	308.00
8.94	0.79	4.43	339.54
8.96	0.81	3.56	358.82
8.98	0.84	3.13	331.95
9.00	0.86	4.43	304.49
9.02	0.88	5.74	289.89
9.04	0.88	7.04	261.84
9.06	0.86	9.21	288.13
9.08	0.88	10.08	283.45
9.10	0.89	10.52	272.94
9.12	0.91	10.52	298.65
9.14	0.94	12.26	267.10
9.16	0.96	13.57	252.49
9.18	0.97	14.87	258.92
9.20	0.98	15.31	237.89



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Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9.22	0.97	17.05	227.96
9.24	0.96	17.48	252.49
9.26	0.94	17.48	293.39
9.28	0.96	16.61	277.03
9.30	0.93	16.61	286.38
9.32	0.93	15.31	300.98
9.34	0.93	14.87	280.54
9.36	0.90	14.87	306.82
9.38	0.89	13.13	294.56
9.40	0.86	12.26	278.20
9.42	0.85	12.26	298.06
9.44	0.84	11.83	293.39
9.46	0.82	10.96	297.48
9.48	0.83	10.52	325.52
9.50	0.83	10.09	344.22
9.52	0.86	10.96	360.57
9.54	0.90	10.52	323.18
9.56	0.91	9.65	341.29
9.58	0.93	7.91	352.39
9.60	0.95	6.17	374.01
9.62	1.19	6.17	424.84
9.64	1.60	5.30	409.65
9.66	1.80	6.17	85.41
9.68	1.74	9.65	-2.22
9.70	1.63	9.22	8.88
9.72	1.52	10.52	5.37
9.74	1.36	13.57	2.45
9.76	1.19	16.61	0.11
9.78	1.20	18.35	70.80
9.80	1.55	20.09	218.61
9.82	2.02	20.09	93.00
9.84	2.15	22.70	10.63
9.86	2.26	26.61	-0.47
9.88	2.32	28.78	-5.14
9.90	2.31	27.48	-10.99
9.92	2.17	25.30	-15.08
9.94	1.90	22.26	-25.00
9.96	1.61	20.52	-35.52
9.98	1.30	18.35	-4.56
10.00	1.15	12.70	60.87
10.02	1.07	14.43	65.55
10.04	0.98	14.87	105.86
10.06	0.98	13.13	112.87
10.08	0.97	12.70	118.71
10.10	0.94	12.26	126.31
10.12	1.14	24.44	247.82
10.14	1.14	24.01	93.00
10.16	1.03	26.62	103.52
10.18	1.01	26.62	153.18
10.20	0.98	25.31	184.73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10.22	0.95	22.27	225.62
10.24	0.91	21.40	240.22
10.26	0.89	19.22	275.28
10.28	0.90	16.61	309.16
10.30	0.91	13.14	298.65
10.32	0.90	12.70	297.48
10.34	0.90	13.14	279.37
10.36	0.88	14.44	283.45
10.38	0.86	14.44	289.30
10.40	0.86	13.14	319.10
10.42	0.85	13.14	334.28
10.44	0.86	11.83	341.29
10.46	0.88	10.53	327.86
10.48	0.89	10.96	324.94
10.50	0.91	11.83	340.12
10.52	1.00	12.27	348.89
10.54	1.15	12.27	397.38
10.56	1.32	10.53	432.43
10.58	1.36	10.53	244.90
10.60	1.38	12.27	91.84
10.62	1.36	15.74	104.11
10.64	1.49	17.05	167.78
10.66	1.73	21.83	119.29
10.68	1.91	27.48	80.15
10.70	2.14	28.79	-2.22
10.72	2.44	32.27	7.12
10.74	2.83	34.00	-11.57
10.76	3.20	40.53	-5.14
10.78	3.42	38.35	-9.23
10.80	3.54	33.57	-11.57
10.82	3.76	34.00	-11.57
10.84	4.08	35.74	-13.90
10.86	4.22	24.87	-18.58
10.88	4.14	24.00	-19.16
10.90	3.92	22.26	-6.31
10.92	3.65	16.61	-3.98
10.94	3.41	10.96	7.71
10.96	3.23	13.57	14.72
10.98	3.22	12.26	-3.39
11.00	3.17	7.05	-27.34
11.02	3.11	13.13	-30.85
11.04	3.06	22.70	-32.60
11.06	2.89	29.22	-37.86
11.08	2.74	32.26	-37.27
11.10	2.69	34.44	-37.27
11.12	2.71	35.74	-38.44
11.14	2.86	38.78	-37.86
11.16	2.85	25.30	-12.74
11.18	2.70	30.95	-20.33
11.20	2.67	27.91	-26.76

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11.22	2.63	27.91	-26.76
11.24	2.39	26.17	-37.27
11.26	2.03	23.13	-41.95
11.28	1.69	19.65	-35.52
11.30	1.44	19.65	-19.75
11.32	1.31	20.08	21.73
11.34	1.20	22.69	78.98
11.36	1.15	21.39	90.08
11.38	1.13	19.65	105.27
11.40	1.11	17.47	107.61
11.42	1.07	14.43	105.86
11.44	1.05	10.95	107.02
11.46	1.02	10.52	110.53
11.48	1.02	10.95	109.95
11.50	0.97	10.52	118.71
11.52	0.96	10.08	116.96
11.54	0.95	12.69	114.03
11.56	0.95	10.95	132.73
11.58	0.91	7.47	144.42
11.60	0.96	7.47	159.02
11.62	0.94	5.73	159.02
11.64	0.96	7.04	196.41
11.66	1.02	7.91	254.83
11.68	1.06	9.65	279.37
11.70	1.07	10.95	294.56
11.72	1.09	12.25	312.08
11.74	1.15	13.56	329.02
11.76	1.18	13.12	327.27
11.78	1.18	13.12	257.17
11.80	1.17	16.60	247.82
11.82	1.19	17.91	247.82
11.84	1.20	20.08	268.27
11.86	1.26	21.82	276.44
11.88	1.29	22.26	242.56
11.90	1.27	24.86	194.07
11.92	1.25	27.47	173.04
11.94	1.26	27.91	150.84
11.96	1.23	29.65	129.81
11.98	1.20	32.69	134.48
12.00	1.19	35.73	156.10
12.02	1.23	35.73	150.26
12.04	1.21	35.73	246.07
12.06	1.23	36.17	272.94
12.08	1.26	35.73	265.34
12.10	1.25	33.56	320.85
12.12	1.26	29.65	348.89
12.14	1.27	28.78	345.38
12.16	1.27	27.48	310.91
12.18	1.26	26.61	277.61
12.20	1.19	26.17	244.90

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12.22	1.14	24.43	226.21
12.24	1.10	22.70	228.54
12.26	1.06	21.39	236.72
12.28	1.05	19.65	258.33
12.30	1.06	17.48	276.44
12.32	1.07	15.30	285.79
12.34	1.10	14.43	300.98
12.36	1.12	13.57	297.48
12.38	1.15	13.57	302.74
12.40	1.20	14.43	310.33
12.42	1.24	15.30	302.15
12.44	1.24	16.61	279.37
12.46	1.20	17.48	265.34
12.48	1.18	19.22	250.16
12.50	1.15	19.65	239.06
12.52	1.13	20.09	250.16
12.54	1.15	21.39	259.50
12.56	1.17	22.26	251.33
12.58	1.15	22.70	247.82
12.60	1.14	22.70	243.15
12.62	1.14	22.70	239.06
12.64	1.13	23.13	233.22
12.66	1.12	24.00	223.28
12.68	1.09	24.44	220.95
12.70	1.10	24.44	233.80
12.72	1.13	24.00	263.59
12.74	1.15	22.70	271.77
12.76	1.14	22.70	263.01
12.78	1.13	21.83	260.09
12.80	1.13	20.52	260.09
12.82	1.10	19.65	260.67
12.84	1.10	19.22	263.01
12.86	1.07	19.22	241.98
12.88	1.06	20.09	236.72
12.90	1.02	20.09	230.29
12.92	1.01	19.65	245.48
12.94	1.03	20.09	260.09
12.96	1.06	20.52	273.53
12.98	1.07	20.52	277.61
13.00	1.07	19.65	277.61
13.02	1.07	18.35	284.63
13.04	1.09	17.91	287.55
13.06	1.09	17.48	286.96
13.08	1.10	17.91	305.07
13.10	1.14	19.23	466.90
13.12	1.25	20.10	445.87
13.14	1.32	20.10	395.04
13.16	1.32	21.40	341.29
13.18	1.33	22.71	310.91
13.20	1.37	24.44	306.82

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13.22	1.39	25.31	300.98
13.24	1.37	24.44	282.29
13.26	1.31	24.01	259.50
13.28	1.25	24.44	233.22
13.30	1.19	23.14	226.79
13.32	1.14	21.84	250.74
13.34	1.20	20.10	283.45
13.36	1.24	19.23	303.32
13.38	1.25	19.66	304.49
13.40	1.26	20.53	303.32
13.42	1.25	21.84	293.39
13.44	1.24	22.27	271.77
13.46	1.21	24.88	257.17
13.48	1.22	26.62	271.19
13.50	1.30	27.05	309.16
13.52	1.36	26.18	343.63
13.54	1.39	26.18	331.36
13.56	1.43	27.05	290.47
13.58	1.42	27.92	257.75
13.60	1.38	27.92	253.08
13.62	1.38	27.92	253.08
13.64	1.37	29.23	245.48
13.66	1.37	31.40	247.23
13.68	1.39	32.27	245.48
13.70	1.38	32.71	233.80
13.72	1.36	34.44	241.39
13.74	1.36	35.75	236.13
13.76	1.34	38.79	246.07
13.78	1.34	41.40	251.33
13.80	1.36	44.44	258.33
13.82	1.39	48.79	271.19
13.84	1.41	50.96	282.87
13.86	1.44	51.83	292.80
13.88	1.49	52.70	295.73
13.90	1.56	53.14	287.55
13.92	1.63	54.01	288.71
13.94	1.78	54.87	303.32
13.96	1.96	56.61	354.73
13.98	2.00	56.18	327.86
14.00	1.99	54.01	277.03
14.02	1.92	51.83	218.02
14.04	1.84	50.53	178.30
14.06	1.80	48.35	177.13
14.08	1.85	45.31	182.39
14.10	1.97	48.35	334.87
14.12	2.11	48.79	310.91
14.14	2.27	48.35	292.22
14.16	2.35	47.05	257.75
14.18	2.40	45.74	222.11
14.20	2.38	44.44	180.05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14.22	2.34	43.57	145.00
14.24	2.26	42.27	122.22
14.26	2.17	44.00	125.13
14.28	2.23	43.57	124.55
14.30	2.31	42.26	117.54
14.32	2.36	43.13	115.21
14.34	2.35	43.57	109.95
14.36	2.41	43.13	107.02
14.38	2.47	41.83	104.69
14.40	2.47	41.83	101.18
14.42	2.51	45.31	99.43
14.44	2.52	45.74	93.00
14.46	2.52	47.92	87.16
14.48	2.53	50.09	83.66
14.50	2.51	51.39	79.57
14.52	2.47	52.70	75.48
14.54	2.47	52.70	71.97
14.56	2.48	54.00	67.89
14.58	2.46	55.74	57.37
14.60	2.38	58.35	54.44
14.62	2.34	61.39	50.36
14.64	2.32	65.74	49.19
14.66	2.34	68.35	46.85
14.68	2.31	71.83	45.68
14.70	2.28	74.43	48.02
14.72	2.29	73.13	49.19
14.74	2.29	69.65	47.44
14.76	2.24	68.78	46.27
14.78	2.23	67.91	46.85
14.80	2.26	67.91	46.27
14.82	2.21	67.48	43.93
14.84	2.17	68.78	42.76
14.86	2.15	74.43	43.34
14.88	2.10	74.43	42.76
14.90	2.05	72.69	41.59
14.92	2.03	72.69	42.18
14.94	2.02	71.82	43.93
14.96	1.99	70.08	47.44
14.98	1.99	68.78	49.77
15.00	2.03	67.91	49.77
15.02	2.05	67.91	50.94
15.04	2.05	67.91	52.11
15.06	2.02	68.34	53.86
15.08	2.01	67.90	55.61
15.10	2.08	66.17	153.76
15.12	2.09	65.30	134.48
15.14	2.05	63.56	123.97
15.16	2.03	61.38	111.70
15.18	2.02	61.38	97.68
15.20	1.98	62.69	81.32

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Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15.22	1.93	62.25	72.56
15.24	1.85	62.25	70.80
15.26	1.81	60.08	66.71
15.28	1.78	58.34	62.04
15.30	1.73	58.77	59.12
15.32	1.79	56.17	67.30
15.34	1.83	53.56	77.81
15.36	1.93	48.77	83.07
15.38	1.97	48.77	84.24
15.40	1.97	51.38	78.98
15.42	1.97	50.95	71.97
15.44	1.97	50.95	70.80
15.46	1.97	53.99	67.89
15.48	1.98	57.90	64.96
15.50	2.03	63.12	63.79
15.52	2.01	63.99	57.37
15.54	2.01	67.47	53.86
15.56	2.05	69.64	58.54
15.58	2.04	68.34	53.86
15.60	2.03	67.03	51.53
15.62	1.99	65.29	48.02
15.64	1.97	65.73	47.44
15.66	1.93	63.99	49.77
15.68	1.90	61.38	48.02
15.70	1.80	61.38	46.27
15.72	1.72	60.07	46.27
15.74	1.68	58.77	49.19
15.76	1.63	56.16	55.03
15.78	1.68	55.29	60.29
15.80	1.68	54.86	66.71
15.82	1.71	52.68	71.39
15.84	1.69	49.20	75.48
15.86	1.69	48.33	77.81
15.88	1.68	48.77	78.98
15.90	1.65	50.07	85.41
15.92	1.61	48.77	86.58
15.94	1.61	46.59	90.67
15.96	1.63	46.59	94.76
15.98	1.59	47.90	97.68
16.00	1.59	48.77	104.69
16.02	1.60	48.33	114.03
16.04	1.63	45.72	122.80
16.06	1.66	44.42	119.29
16.08	1.63	46.16	116.96
16.10	1.63	45.30	414.90
16.12	1.64	45.30	436.52
16.14	1.62	41.82	419.58
16.16	1.57	40.52	398.55
16.18	1.50	38.78	375.18
16.20	1.44	37.48	354.15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16.22	1.42	36.61	350.06
16.24	1.45	36.61	411.98
16.26	1.51	32.69	465.73
16.28	1.55	31.39	460.47
16.30	1.51	31.82	447.62
16.32	1.47	28.78	420.75
16.34	1.43	26.61	415.49
16.36	1.39	24.43	441.19
16.38	1.43	21.39	489.10
16.40	1.49	20.09	521.81
16.42	1.50	20.09	546.35
16.44	1.49	19.65	521.23
16.46	1.44	16.61	501.95
16.48	1.42	15.74	501.37
16.50	1.37	14.44	492.60
16.52	1.30	14.87	474.49
16.54	1.26	15.31	456.38
16.56	1.27	15.74	513.05
16.58	1.31	13.57	540.51
16.60	1.30	13.57	535.25
16.62	1.29	12.26	514.80
16.64	1.26	12.26	504.29
16.66	1.26	12.26	517.73
16.68	1.27	11.83	560.37
16.70	1.29	10.96	578.48
16.72	1.32	10.96	569.13
16.74	1.30	10.53	552.19
16.76	1.29	9.66	539.34
16.78	1.27	10.53	557.45
16.80	1.31	10.53	569.13
16.82	1.31	9.66	549.86
16.84	1.26	9.23	549.27
16.86	1.27	8.36	583.16
16.88	1.31	9.66	564.46
16.90	1.32	12.27	525.90
16.92	1.31	10.97	493.77
16.94	1.30	10.97	475.66
16.96	1.32	12.27	499.61
16.98	1.33	14.45	512.47
17.00	1.28	15.32	470.40
17.02	1.21	15.75	398.55
17.04	1.13	17.06	385.11
17.06	1.10	15.32	425.42
17.08	1.13	12.27	475.08
17.10	1.31	20.11	406.73
17.12	1.27	20.54	421.33
17.14	1.27	22.72	469.23
17.16	1.28	20.54	514.22
17.18	1.30	17.94	537.00
17.20	1.33	14.89	564.46

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17.22	1.37	15.33	579.65
17.24	1.38	17.94	570.31
17.26	1.35	17.07	555.11
17.28	1.30	16.63	531.16
17.30	1.26	16.63	515.39
17.32	1.22	16.63	523.57
17.34	1.22	15.33	530.58
17.36	1.18	14.90	527.66
17.38	1.15	14.46	530.00
17.40	1.13	14.46	512.47
17.42	1.11	13.16	522.98
17.44	1.11	12.29	537.59
17.46	1.15	12.72	554.53
17.48	1.16	12.29	535.25
17.50	1.20	12.29	525.90
17.52	1.21	13.59	524.15
17.54	1.21	14.46	524.15
17.56	1.23	15.33	499.03
17.58	1.22	16.63	470.99
17.60	1.21	18.37	458.13
17.62	1.21	19.68	457.55
17.64	1.18	20.11	459.89
17.66	1.18	19.68	461.64
17.68	1.18	19.68	462.81
17.70	1.20	20.11	500.20
17.72	1.22	19.24	515.97
17.74	1.23	17.94	501.95
17.76	1.22	17.50	500.78
17.78	1.22	17.94	502.54
17.80	1.22	17.94	498.44
17.82	1.22	18.37	499.03
17.84	1.22	19.24	493.19
17.86	1.21	19.68	495.53
17.88	1.18	19.68	491.44
17.90	1.18	19.68	487.93
17.92	1.16	19.24	493.77
17.94	1.16	18.37	492.60
17.96	1.16	17.94	496.69
17.98	1.15	17.50	491.44
18.00	1.14	17.50	490.27
18.02	1.14	17.07	493.77
18.04	1.14	17.07	498.44
18.06	1.13	16.64	502.54
18.08	1.13	15.77	548.69
18.10	1.10	15.77	524.74
18.12	1.09	16.64	513.64
18.14	1.08	17.07	510.71
18.16	1.08	16.64	527.07
18.18	1.07	15.77	530.00
18.20	1.07	15.34	543.43

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Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18.22	1.08	14.90	553.36
18.24	1.08	13.60	553.95
18.26	1.08	13.60	552.78
18.28	1.08	13.16	557.45
18.30	1.09	13.60	562.12
18.32	1.10	13.60	583.74
18.34	1.11	13.60	590.75
18.36	1.15	14.90	608.28
18.38	1.20	16.64	626.97
18.40	1.26	16.64	646.84
18.42	1.31	17.07	659.11
18.44	1.34	17.07	654.43
18.46	1.40	17.51	677.80
18.48	1.46	17.94	678.97
18.50	1.45	17.94	625.80
18.52	1.44	19.25	562.12
18.54	1.40	20.55	479.17
18.56	1.40	22.73	442.36
18.58	1.43	26.64	434.18
18.60	1.45	28.81	463.39
18.62	1.49	30.99	472.16
18.64	1.51	32.73	453.46
18.66	1.52	35.77	431.85
18.68	1.56	37.07	408.48
18.70	1.58	38.38	398.55
18.72	1.61	38.38	387.44
18.74	1.65	38.38	372.84
18.76	1.65	39.68	319.10
18.78	1.69	42.29	315.00
18.80	1.73	43.16	291.05
18.82	1.75	44.46	275.86
18.84	1.79	46.20	250.74
18.86	1.79	48.38	218.61
18.88	1.77	51.42	228.54
18.90	1.83	51.42	228.54
18.92	1.86	50.99	219.78
18.94	1.89	51.42	217.44
18.96	1.93	51.42	225.62
18.98	2.00	52.72	216.86
19.00	2.05	52.72	195.82
19.02	2.10	52.72	184.73
19.04	2.11	54.03	177.13
19.06	2.11	56.20	189.98
19.08	2.13	57.51	459.89
19.10	2.23	55.77	356.48
19.12	2.24	55.77	268.85
19.14	2.23	56.20	219.78
19.16	2.23	55.77	164.28
19.18	2.22	57.51	140.33
19.20	2.21	60.12	141.49

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19.22	2.25	64.03	133.32
19.24	2.33	64.03	115.21
19.26	2.33	67.94	91.84
19.28	2.29	68.81	69.64
19.30	2.25	69.68	60.87
19.32	2.25	66.20	51.53
19.34	2.24	67.07	49.77
19.36	2.23	66.20	76.65
19.38	2.23	64.03	76.65
19.40	2.21	60.55	78.98
19.42	2.25	57.94	76.06
19.44	2.29	58.81	70.80
19.46	2.41	60.11	80.15
19.48	2.49	62.72	84.82
19.50	2.51	68.37	76.06
19.52	2.51	74.89	60.87
19.54	2.45	80.11	47.44
19.56	2.39	85.33	34.58
19.58	2.33	90.11	35.75
19.60	2.34	94.45	45.10
19.62	2.33	97.06	47.44
19.64	2.36	94.45	45.68
19.66	2.34	90.97	48.60
19.68	2.32	87.50	46.85
19.70	2.30	83.15	45.68
19.72	2.23	83.15	46.27
19.74	2.16	82.71	42.76
19.76	2.06	84.01	46.27
19.78	2.03	81.84	52.11
19.80	2.03	79.67	53.86
19.82	1.98	77.92	55.03
19.84	1.98	77.92	57.37
19.86	1.94	77.49	58.54
19.88	1.92	75.75	59.70
19.90	1.86	73.14	57.95
19.92	1.81	69.66	49.19
19.94	1.70	67.49	46.27
19.96	1.63	66.18	45.10
19.98	1.57	67.48	45.68
20.00	1.50	67.92	49.19
20.02	1.46	66.18	54.44
20.04	1.43	64.00	63.79
20.06	1.48	57.48	510.13
20.08	1.51	55.31	475.08
20.10	1.54	52.70	469.23
20.12	1.60	46.18	440.02
20.14	1.62	41.40	417.82
20.16	1.61	39.22	418.41
20.18	1.62	34.87	423.67
20.20	1.66	31.40	446.45

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20.22	1.76	27.48	439.44
20.24	1.90	26.61	416.66
20.26	1.98	27.92	301.57
20.28	1.99	34.44	233.80
20.30	1.99	40.96	191.15
20.32	1.96	48.36	156.10
20.34	1.91	56.18	148.50
20.36	1.85	63.57	142.66
20.38	1.76	67.05	126.89
20.40	1.64	67.92	108.19
20.42	1.56	63.14	91.25
20.44	1.49	59.23	81.90
20.46	1.48	57.49	123.97
20.48	1.63	51.40	198.16
20.50	1.82	46.18	279.37
20.52	1.99	41.84	340.71
20.54	2.10	39.66	344.80
20.56	2.10	40.53	334.28
20.58	2.11	41.84	332.53
20.60	2.11	45.31	288.13
20.62	2.06	48.79	259.50
20.64	2.08	53.14	247.23
20.66	2.02	58.79	223.28
20.68	2.05	62.71	212.18
20.70	2.02	60.53	184.73
20.72	1.97	58.79	152.01
20.74	1.92	60.10	142.08
20.76	1.84	58.79	137.99
20.78	1.81	60.10	148.50
20.80	1.79	59.23	141.49
20.82	1.74	60.53	133.90
20.84	1.73	60.97	153.18
20.86	1.74	60.10	171.87
20.88	1.79	56.18	185.31
20.90	1.81	53.58	197.00
20.92	1.84	54.01	205.17
20.94	1.84	51.84	212.77
20.96	1.80	48.79	216.86
20.98	1.79	49.23	225.03
21.00	1.76	49.23	239.64
21.02	1.79	49.23	263.59
21.04	1.82	47.92	274.69
21.06	1.84	47.92	284.04
21.08	1.84	50.97	513.64
21.10	1.88	51.84	469.23
21.12	1.92	50.11	441.19
21.14	1.93	49.24	413.15
21.16	1.96	49.24	385.69
21.18	1.97	49.24	350.64
21.20	1.97	49.24	308.58

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20/4/15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21.22	1.96	48.80	280.54
21.24	1.94	47.93	279.37
21.26	1.94	47.06	262.43
21.28	1.96	47.06	257.75
21.30	1.96	48.37	251.33
21.32	1.94	48.37	247.23
21.34	1.92	47.93	253.66
21.36	1.92	46.63	237.31
21.38	1.93	47.06	232.63
21.40	1.96	49.24	248.40
21.42	1.98	48.37	253.66
21.44	2.00	48.37	254.83
21.46	2.03	48.37	240.81
21.48	2.00	50.54	205.17
21.50	1.96	53.58	200.50
21.52	1.93	54.89	192.90
21.54	1.88	55.32	187.06
21.56	1.84	55.32	174.79
21.58	1.79	54.89	172.45
21.60	1.75	54.02	193.49
21.62	1.75	50.11	209.85
21.64	1.72	47.93	236.72
21.66	1.72	45.32	277.61
21.68	1.76	43.58	329.61
21.70	1.85	39.67	385.69
21.72	1.92	37.50	421.33
21.74	1.94	36.63	428.92
21.76	1.93	37.06	387.44
21.78	1.85	38.80	308.58
21.80	1.79	44.02	258.92
21.82	1.75	50.97	300.98
21.84	1.77	53.15	383.36
21.86	1.89	49.24	454.05
21.88	1.96	47.06	409.06
21.90	1.94	49.24	392.12
21.92	1.89	45.32	379.27
21.94	1.82	40.54	350.06
21.96	1.76	37.50	343.63
21.98	1.76	38.37	389.78
22.00	1.82	38.37	451.12
22.02	1.92	40.97	473.91
22.04	2.00	40.97	510.13
22.06	2.10	37.50	587.83
22.08	2.11	40.55	508.38
22.10	2.00	40.55	461.06
22.12	1.99	44.46	461.06
22.14	1.91	50.55	462.22
22.16	1.79	50.98	348.89
22.18	1.61	52.72	299.81
22.20	1.49	53.59	350.06

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22.22	1.50	47.94	458.13
22.24	1.59	39.24	548.11
22.26	1.74	34.90	633.98
22.28	1.91	32.72	701.75
22.30	2.03	29.68	728.63
22.32	2.09	26.63	678.38
22.34	2.16	26.20	653.26
22.36	2.18	30.11	590.75
22.38	2.23	38.81	489.68
22.40	2.28	48.37	457.55
22.42	2.30	56.20	451.71
22.44	2.30	64.90	482.09
22.46	2.40	66.20	466.90
22.48	2.46	67.50	419.58
22.50	2.47	67.50	389.78
22.52	2.42	65.33	345.38
22.54	2.39	64.03	308.00
22.56	2.37	66.20	301.57
22.58	2.41	67.07	317.34
22.60	2.41	69.68	319.68
22.62	2.32	70.54	333.11
22.64	2.25	68.37	360.57
22.66	2.24	65.33	427.17
22.68	2.28	61.41	483.26
22.70	2.28	57.50	466.32
22.72	2.27	54.02	448.21
22.74	2.27	53.59	421.33
22.76	2.23	54.89	428.92
22.78	2.17	57.50	454.05
22.80	2.17	57.93	447.03
22.82	2.20	57.93	445.87
22.84	2.21	60.98	442.95
22.86	2.17	63.58	454.63
22.88	2.22	61.41	410.81
22.90	2.21	64.89	385.11
22.92	2.22	64.89	419.58
22.94	2.29	64.89	433.60
22.96	2.34	65.32	444.70
22.98	2.35	64.89	448.79
23.00	2.34	63.15	427.76
23.02	2.30	63.15	397.96
23.04	2.12	57.50	720.44
23.06	2.03	59.24	485.59
23.08	1.91	58.80	416.66
23.10	1.84	59.24	403.80
23.12	1.77	63.15	430.10
23.14	1.73	67.50	517.14
23.16	1.73	68.37	559.79
23.18	1.68	65.33	543.43
23.20	1.64	61.41	524.15

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23.22	1.64	55.76	518.31
23.24	1.62	47.93	528.82
23.26	1.61	40.54	554.53
23.28	1.57	36.63	587.24
23.30	1.57	34.46	627.56
23.32	1.61	34.02	674.29
23.34	1.64	31.85	673.12
23.36	1.65	27.50	645.08
23.38	1.64	25.33	670.21
23.40	1.64	24.89	685.39
23.42	1.63	23.15	700.58
23.44	1.65	20.54	693.57
23.46	1.67	19.24	661.44
23.48	1.65	19.24	577.32
23.50	1.56	17.94	506.63
23.52	1.50	18.37	537.00
23.54	1.49	17.94	563.29
23.56	1.49	17.50	581.40
23.58	1.50	19.68	579.07
23.60	1.52	20.55	552.78
23.62	1.57	22.73	545.18
23.64	1.61	24.03	556.87
23.66	1.65	24.03	537.59
23.68	1.73	26.64	587.24
23.70	1.81	27.94	605.94
23.72	1.88	28.81	570.31
23.74	1.98	32.29	557.45
23.76	2.05	36.21	560.37
23.78	2.17	37.08	485.01
23.80	2.19	40.99	345.38
23.82	2.12	47.08	276.44
23.84	2.06	55.34	247.23
23.86	2.05	60.99	250.16
23.88	2.01	60.56	279.95
23.90	1.95	58.82	255.42
23.92	1.86	58.82	223.28
23.94	1.85	58.82	289.89
23.96	1.88	56.21	368.75
23.98	1.99	52.73	409.06
24.00	2.13	46.21	345.97
24.02	2.16	50.99	272.94
24.04	1.88	60.12	160.77
24.06	1.68	66.21	107.61
24.08	1.50	75.78	115.21
24.10	1.41	82.73	174.79
24.12	1.37	84.04	252.49
24.14	1.38	77.08	353.56
24.16	1.44	63.60	472.16
24.18	1.56	48.38	579.07
24.20	1.76	35.77	664.95

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Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24.22	1.95	25.34	613.54
24.24	2.07	21.86	547.52
24.26	2.13	21.42	443.53
24.28	2.12	26.64	390.95
24.30	2.06	33.60	383.36
24.32	2.06	40.55	411.98
24.34	2.10	48.82	459.89
24.36	2.17	56.21	530.58
24.38	2.23	55.34	538.17
24.40	2.31	53.60	421.91
24.42	2.37	55.77	300.98
24.44	2.40	60.55	250.16
24.46	2.47	65.34	227.37
24.48	2.49	68.82	177.71
24.50	2.45	70.99	121.05
24.52	2.35	75.77	73.73
24.54	2.23	77.95	51.53
24.56	2.15	75.77	44.52
24.58	2.12	71.86	49.19
24.60	2.09	68.38	48.60
24.62	1.99	67.94	57.95
24.64	1.97	65.77	71.39
24.66	1.98	64.03	119.88
24.68	1.95	60.99	172.45
24.70	1.85	56.20	223.87
24.72	1.74	50.98	285.79
24.74	1.67	46.20	340.71
24.76	1.62	38.38	375.18
24.78	1.58	31.42	382.77
24.80	1.51	27.94	390.95
24.82	1.50	24.46	442.95
24.84	1.52	21.85	512.47
24.86	1.58	20.55	576.73
24.88	1.63	19.25	602.44
24.90	1.67	19.25	625.80
24.92	1.77	19.25	672.54
24.94	1.88	19.25	701.75
24.96	2.04	19.68	638.66
24.98	2.11	25.33	495.53
25.00	2.16	35.77	382.77
25.02	2.13	45.78	657.35
25.04	2.19	53.17	538.17
25.06	2.13	57.96	432.43
25.08	2.06	65.35	340.71
25.10	1.99	74.48	308.58
25.12	1.93	79.70	371.09
25.14	1.98	72.74	471.57
25.16	2.09	61.00	583.74
25.18	2.21	56.21	636.90
25.20	2.22	50.13	592.50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25.22	2.14	45.35	426.59
25.24	2.04	46.65	375.76
25.26	2.02	50.56	462.81
25.28	2.11	51.87	560.37
25.30	2.19	56.65	626.97
25.32	2.29	58.39	648.00
25.34	2.33	58.39	589.00
25.36	2.28	56.65	460.47
25.38	2.19	54.91	382.77
25.40	2.18	58.39	370.50
25.42	2.18	65.34	387.44
25.44	2.22	68.82	364.66
25.46	2.21	70.99	386.28
25.48	2.18	67.95	423.08
25.50	2.19	63.17	423.08
25.52	2.15	60.12	410.23
25.54	2.13	60.12	462.22
25.56	2.10	57.51	493.19
25.58	2.05	53.60	505.45
25.60	1.98	51.42	490.27
25.62	1.94	52.73	506.04
25.64	1.91	51.42	476.83
25.66	1.87	49.25	404.97
25.68	1.83	50.55	379.85
25.70	1.82	53.16	391.54
25.72	1.85	54.90	424.84
25.74	1.99	52.73	504.87
25.76	2.19	50.55	575.56
25.78	2.48	49.25	574.39
25.80	2.63	50.12	454.05
25.82	2.58	53.16	381.02
25.84	2.48	54.90	350.06
25.86	2.41	56.20	405.56
25.88	2.34	59.25	462.81
25.90	2.35	57.51	463.98
25.92	2.29	63.59	461.64
25.94	2.33	65.33	525.32
25.96	2.30	61.42	506.04
25.98	2.23	60.11	470.99
26.00	2.16	61.42	425.42
26.02	2.13	62.29	482.67
26.04	2.23	54.03	485.01
26.06	2.07	51.42	445.87
26.08	1.95	51.42	494.36
26.10	1.92	49.25	580.82
26.12	1.92	45.34	603.02
26.14	1.83	41.42	592.50
26.16	1.82	36.21	634.57
26.18	1.85	31.42	670.79
26.20	1.98	29.25	736.80

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26.22	2.27	32.73	711.10
26.24	2.48	31.86	631.65
26.26	2.48	31.86	391.54
26.28	2.18	31.43	361.16
26.30	1.97	32.30	396.21
26.32	1.83	30.99	459.89
26.34	1.78	30.12	489.10
26.36	1.69	29.26	501.37
26.38	1.61	26.65	532.33
26.40	1.56	24.47	555.11
26.42	1.52	21.86	596.59
26.44	1.53	19.26	648.00
26.46	1.58	17.52	687.15
26.48	1.59	17.52	687.73
26.50	1.63	17.08	667.28
26.52	1.61	18.39	636.32
26.54	1.59	19.26	635.74
26.56	1.58	20.13	614.12
26.58	1.56	21.43	613.54
26.60	1.54	23.17	600.10
26.62	1.53	24.91	589.00
26.64	1.51	27.08	576.73
26.66	1.50	27.95	562.71
26.68	1.46	27.95	579.07
26.70	1.46	27.52	591.92
26.72	1.45	26.65	590.17
26.74	1.41	26.65	578.48
26.76	1.39	24.91	585.49
26.78	1.41	24.48	641.00
26.80	1.52	22.31	726.87
26.82	1.63	20.57	709.34
26.84	1.64	21.44	611.20
26.86	1.58	22.31	548.69
26.88	1.51	24.48	539.92
26.90	1.50	24.05	563.29
26.92	1.51	22.74	610.61
26.94	1.54	21.87	635.74
26.96	1.54	23.18	629.89
26.98	1.63	21.87	723.37
27.00	2.05	18.40	817.43
27.02	3.62	10.58	5.96
27.04	3.51	17.53	-16.24
27.06	3.75	31.88	-6.89
27.08	3.85	40.58	-5.73
27.10	3.87	39.71	-1.05
27.12	3.92	53.19	-12.15
27.14	3.48	55.79	-15.66
27.16	2.74	41.01	-11.57
27.18	2.37	20.14	77.81
27.20	2.36	24.06	121.05

Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova **2**

Cert. N. 269/15

Emesso il 20/04/2015

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
27.22	2.47	26.23	125.13
27.24	2.20	29.27	132.15
27.26	2.01	26.66	145.00
27.28	1.99	25.36	283.45
27.30	2.11	24.05	405.56
27.32	2.12	23.18	453.46
27.34	2.17	22.75	472.16
27.36	2.13	21.88	508.38
27.38	2.02	20.57	542.26
27.40	1.93	20.57	491.44
27.42	1.80	21.88	464.56
27.44	1.75	29.27	507.79
27.46	1.72	36.22	576.73
27.48	1.71	36.22	623.47
27.50	1.71	32.31	628.14
27.52	1.71	29.70	658.52
27.54	1.72	27.96	695.91
27.56	1.71	24.92	683.64
27.58	1.66	22.31	639.24
27.60	1.63	21.87	635.15
27.62	1.62	22.31	683.64
27.64	1.68	20.57	746.15
27.66	1.71	19.70	768.35
27.68	1.74	17.53	709.34
27.70	1.74	17.96	669.03
27.72	1.72	20.13	681.89
27.74	1.75	20.57	706.43
27.76	1.77	20.57	695.91
27.78	1.77	24.05	669.03
27.80	1.76	26.66	648.59
27.82	1.72	27.53	633.98
27.84	1.66	27.09	606.53
27.86	1.63	27.53	628.14
27.88	1.60	27.96	659.11
27.90	1.59	27.09	681.31
27.92	1.59	24.92	691.82
27.94	1.59	26.22	726.87
27.96	1.63	24.92	770.69
27.98	1.70	23.18	818.59
28.00	1.78	24.06	916.74
28.02	1.81	24.49	845.47
28.04	1.84	24.93	813.92
28.06	1.86	24.49	793.47
28.08	1.91	29.27	860.66
28.10	1.98	31.45	874.10
28.12	2.01	31.88	872.92
28.14	2.05	32.75	841.96
28.16	2.03	33.62	832.61
28.18	2.05	34.49	818.01
28.20	1.96	31.45	805.16

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
28.22	1.96	34.06	851.31
28.24	1.95	35.80	856.57
28.26	1.91	36.23	836.70
28.28	1.88	38.41	841.96
28.30	1.89	39.27	818.59
28.32	1.86	39.27	801.07
28.34	1.83	39.27	784.12
28.36	1.82	39.27	789.38
28.38	1.88	41.45	834.95
28.40	2.24	42.32	865.33
28.42	2.60	41.45	726.87
28.44	2.83	43.19	551.61
28.46	2.90	46.23	445.87
28.48	2.85	52.75	402.05
28.50	2.65	56.66	257.75
28.52	2.37	63.62	232.63
28.54	2.14	67.97	265.34
28.56	1.95	66.23	316.17
28.58	1.81	60.14	351.22
28.60	1.72	52.75	398.55
28.62	1.70	45.79	468.65
28.64	1.74	37.53	549.27
28.66	1.82	31.44	617.63
28.68	1.88	28.83	660.86
28.70	1.96	27.09	667.87
28.72	2.00	27.09	615.29
28.74	2.01	29.70	658.52
28.76	2.13	31.44	596.59
28.78	2.22	31.88	530.58
28.80	2.28	36.22	440.61
28.82	2.29	41.88	336.03
28.84	2.29	48.40	277.61
28.86	2.30	54.05	260.09
28.88	2.26	56.66	264.18
28.90	2.18	61.01	395.04
28.92	2.13	60.57	479.75
28.94	2.06	59.27	576.73
28.96	2.11	55.35	621.13
28.98	2.11	48.40	576.15
29.00	2.22	45.79	556.87
29.02	2.25	44.48	505.45
29.04	2.26	45.79	503.12
29.06	2.26	47.09	490.85
29.08	2.25	50.57	470.99
29.10	2.23	54.92	435.35
29.12	2.24	57.96	411.98
29.14	2.24	56.22	434.77
29.16	2.29	54.05	467.48
29.18	2.30	51.44	480.33
29.20	2.34	53.18	459.31

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
29.22	2.29	53.61	451.71
29.24	2.24	53.61	451.12
29.26	2.19	53.18	461.64
29.28	2.17	51.87	501.95
29.30	2.18	52.74	533.50
29.32	2.17	51.44	564.46
29.34	2.19	50.57	573.22
29.36	2.22	50.13	558.62
29.38	2.24	50.13	569.72
29.40	2.25	49.26	581.99
29.42	2.26	47.96	576.15
29.44	2.28	49.26	563.88
29.46	2.28	51.00	579.65
29.48	2.29	51.00	589.00
29.50	2.31	51.00	548.69
29.52	2.29	51.87	551.61
29.54	2.34	51.00	559.79
29.56	2.35	51.87	594.84
29.58	2.41	48.83	589.00
29.60	2.48	48.39	621.13
29.62	2.61	50.13	654.43
29.64	2.80	53.18	723.95
29.66	3.02	53.61	780.62
29.68	3.25	53.18	811.58
29.70	3.55	55.78	665.53
29.72	3.62	67.09	586.66
29.74	3.61	74.91	479.75
29.76	3.39	79.70	320.85
29.78	3.09	81.44	208.68
29.80	2.78	84.91	125.72
29.82	2.50	91.44	111.70
29.84	2.24	94.91	147.92
29.86	2.05	94.91	284.04
29.88	2.02	91.87	389.20
29.90	2.07	81.43	461.64
29.92	2.11	73.60	517.73
29.94	2.14	65.78	541.68
29.96	2.16	54.91	576.73
29.98	2.18	44.47	601.85
30.00	2.23	37.51	623.47
30.02	2.66	72.33	936.60
30.04	2.67	68.85	886.95
30.06	2.63	67.99	866.50
30.08	2.61	64.94	818.01
30.10	2.53	65.81	785.29
30.12	2.48	65.81	796.98
30.14	2.43	64.94	800.48
30.16	2.42	66.24	826.19
30.18	2.44	68.41	826.77
30.20	2.44	67.11	792.89

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Committente AUTOSTRADA DEL BRENNERO

Località Km. 299.500

Cantiere PIAZZOLA

Data 20\4\15

Preforo 3.20 m. p.c. Falda 2.80 ml

Prova 2

Cert. N. 269/15

Emesso il 20/04/2015

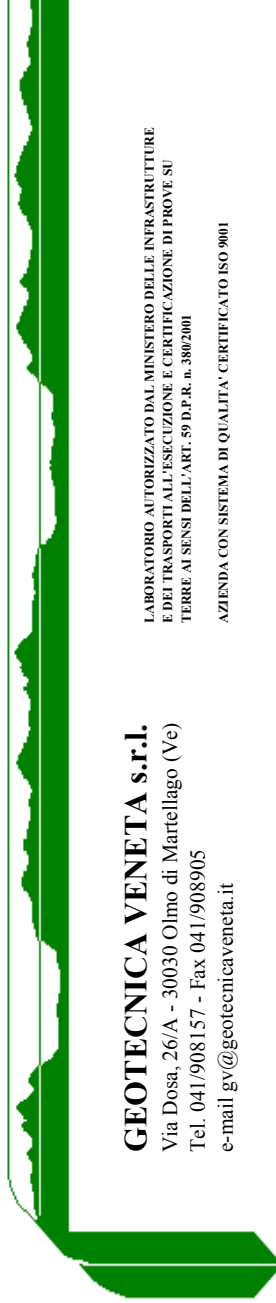
H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
30.22	2.44	64.94	784.12
30.24	2.43	63.19	798.73
30.26	2.44	59.28	841.96
30.28	2.50	53.63	852.48
30.30	2.48	48.84	821.52
30.32	2.38	40.58	791.13
30.34	2.43	45.80	773.02
30.36	2.35	45.36	724.54
30.38	2.26	47.10	730.38
30.40	2.22	49.28	693.57
30.42	2.13	51.45	693.57
30.44	2.05	52.75	711.68
30.46	1.99	53.19	714.60
30.48	1.95	51.89	749.66
30.50	1.93	48.84	773.02
30.52	1.94	46.23	797.56
30.54	1.95	44.06	823.85
30.56	1.94	41.45	822.10
30.58	1.95	38.41	806.91
30.60	1.94	38.84	720.44
30.62	1.95	41.01	744.40
30.64	1.99	41.02	756.08
30.66	2.05	41.45	763.10
30.68	2.13	42.32	741.48
30.70	2.23	43.62	669.62
30.72	2.29	45.80	642.16
30.74	2.36	46.23	609.44
30.76	2.41	45.36	568.55
30.78	2.42	47.10	551.61
30.80	2.41	49.28	524.15
30.82	2.37	50.58	497.28
30.84	2.36	52.75	478.58
30.86	2.36	54.06	464.56
30.88	2.41	57.97	474.49
30.90	2.48	61.02	496.69
30.92	2.54	63.19	491.44
30.94	2.58	63.62	452.88
30.96	2.50	61.45	363.49
30.98	2.38	63.19	389.20
31.00	2.36	61.45	377.52
31.02	2.29	65.80	517.73
31.04	2.23	67.11	531.16
31.06	2.15	66.24	544.01
31.08	2.10	65.80	552.78
31.10	2.06	62.76	542.85
31.12	2.01	62.32	556.87
31.14	1.98	58.84	596.01
31.16	1.98	51.02	635.74
31.18	1.98	45.36	660.27
31.20	2.05	45.80	680.13

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
31.22	2.08	45.80	680.13
31.24	2.10	44.49	689.48
31.26	2.15	42.32	683.64
31.28	2.15	41.45	643.33
31.30	2.17	44.49	618.21
31.32	2.17	46.67	611.20
31.34	2.11	44.06	585.49
31.36	2.12	46.67	579.07
31.38	2.11	47.10	593.67
31.40	2.10	47.10	596.01
31.42	2.11	46.67	569.13
31.44	2.11	46.23	563.88
31.46	2.13	46.67	603.02
31.48	2.12	46.23	645.67
31.50	2.08	44.49	651.51
31.52	2.06	45.37	624.05
31.54	2.01	46.67	666.11
31.56	1.99	45.80	736.80
31.58	1.99	41.89	804.57
31.60	1.98	39.71	826.77
31.62	1.98	39.28	842.55
31.64	1.93	39.28	843.71
31.66	1.88	36.24	855.98
31.68	1.82	31.89	889.87
31.70	1.79	27.54	920.83
31.72	1.78	25.37	943.61
31.74	1.81	24.93	918.49
31.76	1.81	24.50	950.63
31.78	1.81	22.76	933.10
31.80	1.77	24.50	898.63
31.82	1.72	26.24	905.06
31.84	1.71	26.67	948.29
31.86	1.76	26.68	949.45
31.88	1.78	29.28	972.24
31.90	1.83	29.72	1017.22
31.92	1.89	29.28	1006.12
31.94	1.93	30.16	988.60
31.96	1.94	31.46	974.00
31.98	2.22	30.13	945.37
32.00	2.29	35.78	998.53
32.02	2.37	39.26	1045.27
32.04	2.49	41.87	962.89
32.06	2.53	46.66	833.78
32.08	2.50	51.44	780.03
32.10	2.59	51.00	707.59
32.12	2.64	54.92	718.11
32.14	2.77	59.26	742.65
32.16	2.84	63.18	725.12
32.18	2.89	70.13	729.79
32.20	2.97	74.48	648.59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
32.22	2.94	77.09	639.24
32.24	3.03	78.40	602.44
32.26	3.04	76.66	528.24
32.28	3.02	72.74	499.03
32.30	2.98	68.39	472.74
32.32	2.86	63.18	406.73
32.34	2.80	68.39	440.02
32.36	2.78	67.96	465.15
32.38	2.77	70.57	500.20
32.40	2.79	70.13	530.58
32.42	2.88	70.13	536.42
32.44	2.89	71.87	515.39
32.46	2.89	72.30	470.40
32.48	2.84	71.87	436.52
32.50	2.71	65.35	414.90
32.52	2.57	63.61	418.41
32.54	2.41	66.21	382.19
32.56	2.37	70.56	408.48
32.58	2.41	72.30	452.29
32.60	2.41	70.56	499.61
32.62	2.41	67.52	558.03
32.64	2.43	64.91	612.95
32.66	2.47	61.43	656.18
32.68	2.53	56.65	653.85
32.70	2.48	55.78	664.36
32.72	2.46	55.34	659.69
32.74	2.40	57.52	602.44
32.76	2.29	61.00	635.74
32.78	2.24	59.26	674.88
32.80	2.21	57.95	701.75
32.82	2.18	57.95	741.48
32.84	2.21	55.34	788.80
32.86	2.23	53.17	818.59
32.88	2.23	49.26	844.30
32.90	2.29	46.65	860.07
32.92	2.34	46.21	872.92
32.94	2.36	44.47	875.85
32.96	2.38	43.17	822.10
32.98	2.41	45.78	769.52
33.00	2.41	50.13	731.55
33.02	2.05	38.81	1032.42
33.04	2.11	36.63	1021.32
33.06	2.22	38.38	1053.44
33.08	2.33	41.42	1057.54
33.10	2.39	44.46	1066.30
33.12	2.49	46.20	1014.31
33.14	2.57	47.94	948.29
33.16	2.60	50.99	914.40
33.18	2.63	51.86	855.98
33.20	2.63	53.16	808.66







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LABORATORIO AUTORIZZATO DAL MINISTERO DELLE INFRASTRUTTURE  
 E DEI TRASPORTI ALL'ESECUZIONE E CERTIFICAZIONE DI PROVE SU  
 TERRE AI SENSI DELL'ART. 59 D.P.R. n. 380/2001  
 AZIENDA CON SISTEMA DI QUALITÀ CERTIFICATO ISO 9001

**PROVA PENETROMETRICA STATICA CON PIEZOCONO (AGI 1977)**

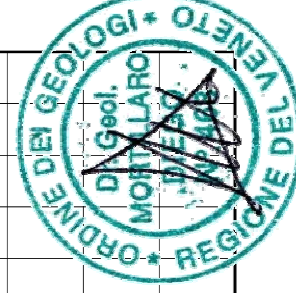
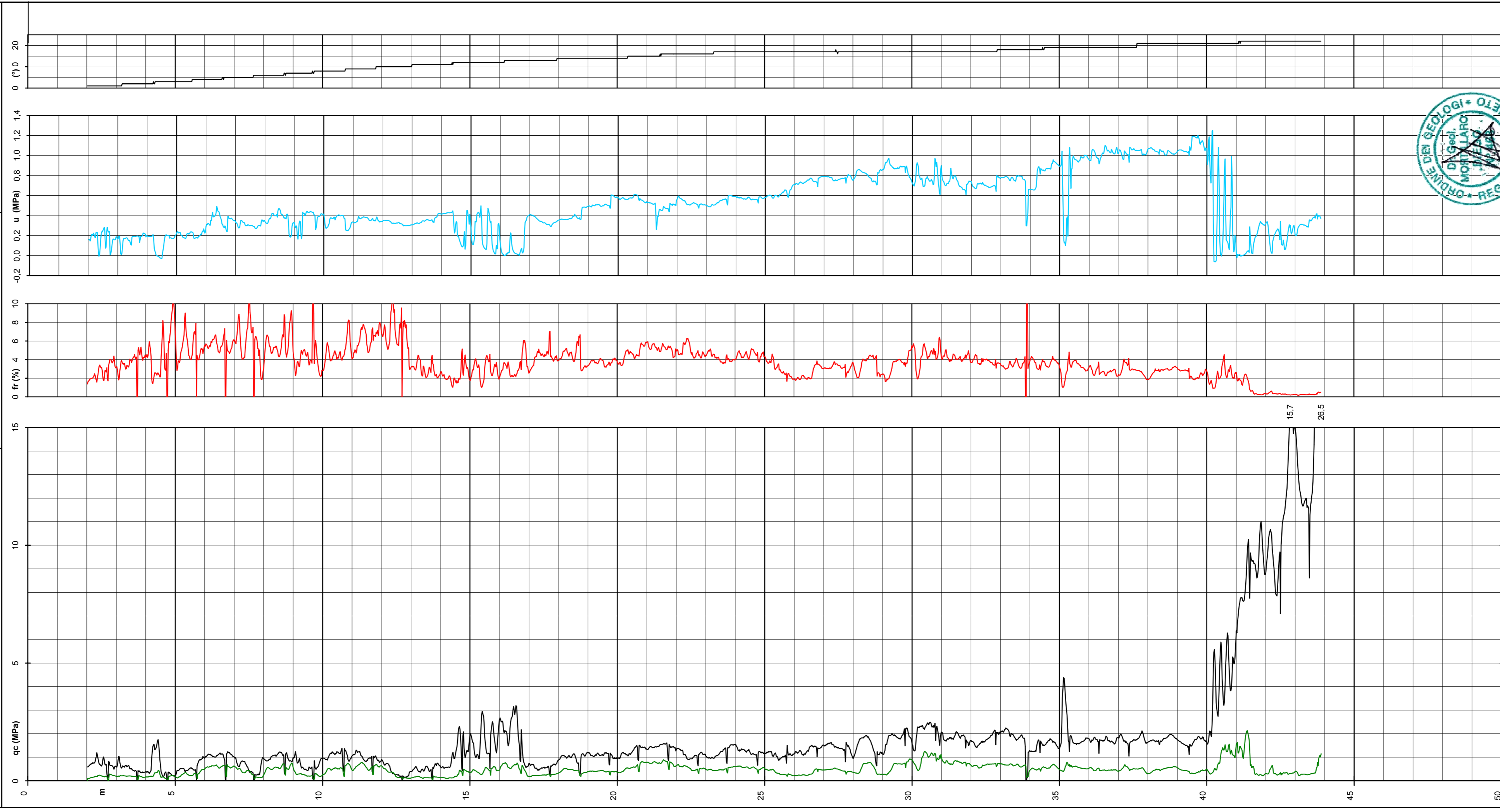
mod. C\_29 - C\_30 (rev. 2 del 09/11)

Committente: **AUTOSTRADA DEL BRENNERO S.p.A**  
 Cantiere: **SOVRAPASSO 142 - CAMPOGALLIANO (MO)**  
 Ubicazione Prova: **Vedi Planimetria**  
 Quota: **0,00 m.**  
 Riferita a: **Piano Campagna**  
 Note: **Eseguito preforo fino a m. 2,00**

Prova n°: **CPTU 2 - 142**  
 Data esecuzione: **18/11/14**

Pratica n°: P14/122  
 n° doc.: 14/122/CPTU-2-142  
 Elaborato D.R.  
 Data emissione 19/11/14

qc Resistenza alla Punta (MPa)  
 fs Resistenza Laterale (MPa)  
 fr Rapporto fs/qc (%)  
 u Pressione nel Por (MPa)  
 Deviazione dalla verticale (°)



qc (MPa) 0 5 10 15  
 fs (MPa) 0,00 0,50 1,00 1,50

15,7  
 26,5

Sperimentatore  
 Geom. Marco Ferrini

Penetrometro "GOUDA" 20 t - piezocono Memocone MK II

Direttore del laboratorio  
 Dott. Geol. Diego Mortillaro

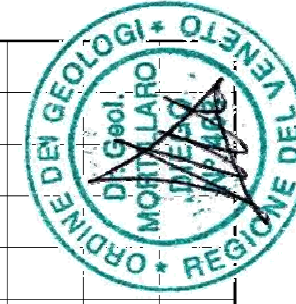
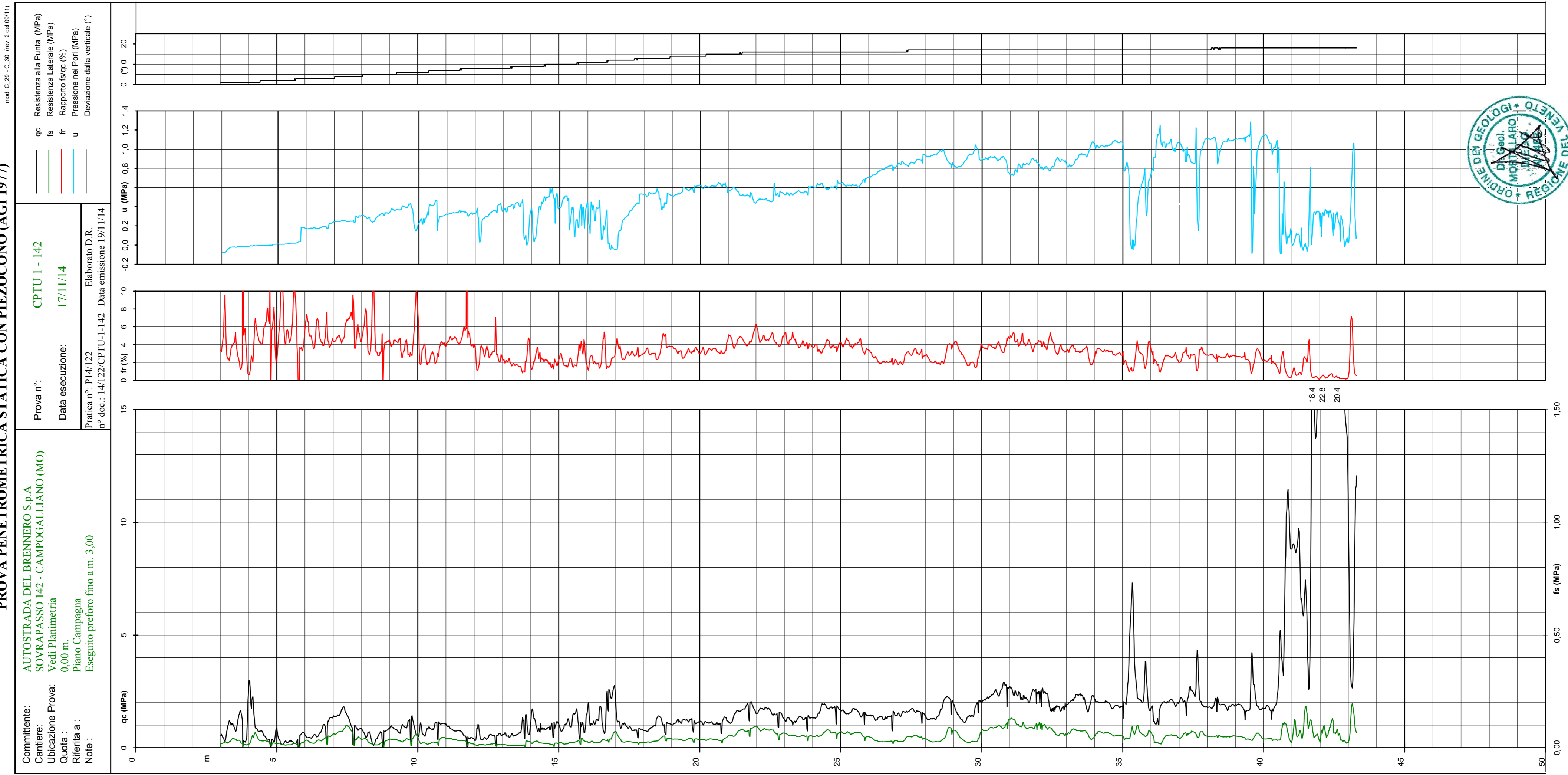


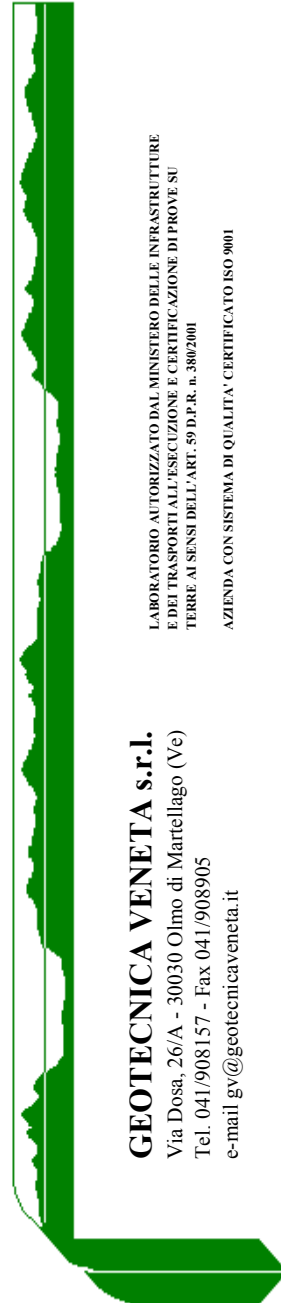
**GEOTECNICA VENETA s.r.l.**  
 Via Dose, 26/A - 30030 Olmo di Martellago (Ve)  
 Tel. 041/908157 - Fax 041/908905  
 e-mail gv@geotecnicaveneta.it

LABORATORIO AUTORIZZATO DAL MINISTERO DELLE INFRASTRUTTURE  
 E DEI TRASPORTI ALL'ESECUZIONE E CERTIFICAZIONE DI PROVE SU  
 TERRE AI SENSI DELL'ART. 59 D.P.R. n. 380/2001  
 AZIENDA CON SISTEMA DI QUALITÀ CERTIFICATO ISO 9001

**PROVA PENETROMETRICA STATICA CON PIEZOCONO (AGI 1977)**

Committente: <b>AUTOSTRADA DEL BRENNERO S.p.A</b> Cantiere: <b>SOVRAPASSO 142 - CAMPOGALLIANO (MO)</b> Ubicazione Prova: <b>Vedi Planimetria</b> Quota: <b>0,00 m.</b> Riferita a: <b>Piano Campagna</b> Note: <b>Eseguito preforo fino a m. 3,00</b>	Prova n°: <b>CPTU 1 - 142</b>	Resistenza alla Punta (MPa) — qc Resistenza Laterale (MPa) — fs Rapporto fs/qc (%) — fr Pressione nei Por (MPa) — u Deviazione dalla verticale (°) —
	Data esecuzione: <b>17/11/14</b>	
Pratica n°: P14/122      Elaborato D.R. n° doc.: 14/122/CPTU-1-142      Data emissione 19/11/14		





**GEOTECNICA VENETA s.r.l.**  
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LABORATORIO AUTORIZZATO DAL MINISTERO DELLE INFRASTRUTTURE  
 E DEI TRASPORTI ALL'ESECUZIONE E CERTIFICAZIONE DI PROVE SU  
 TERRE AI SENSI DELL'ART. 59 D.P.R. n. 380/2001  
 AZIENDA CON SISTEMA DI QUALITÀ CERTIFICATO ISO 9001

**PROVA PENETROMETRICA STATICA CON PIEZOCONO (AGI 1977)**

mod. C\_29 - C\_30 (rev. 2 del 09/11)

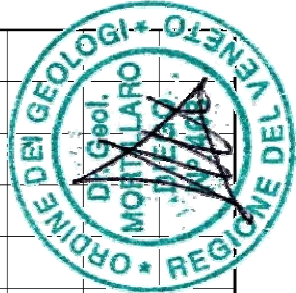
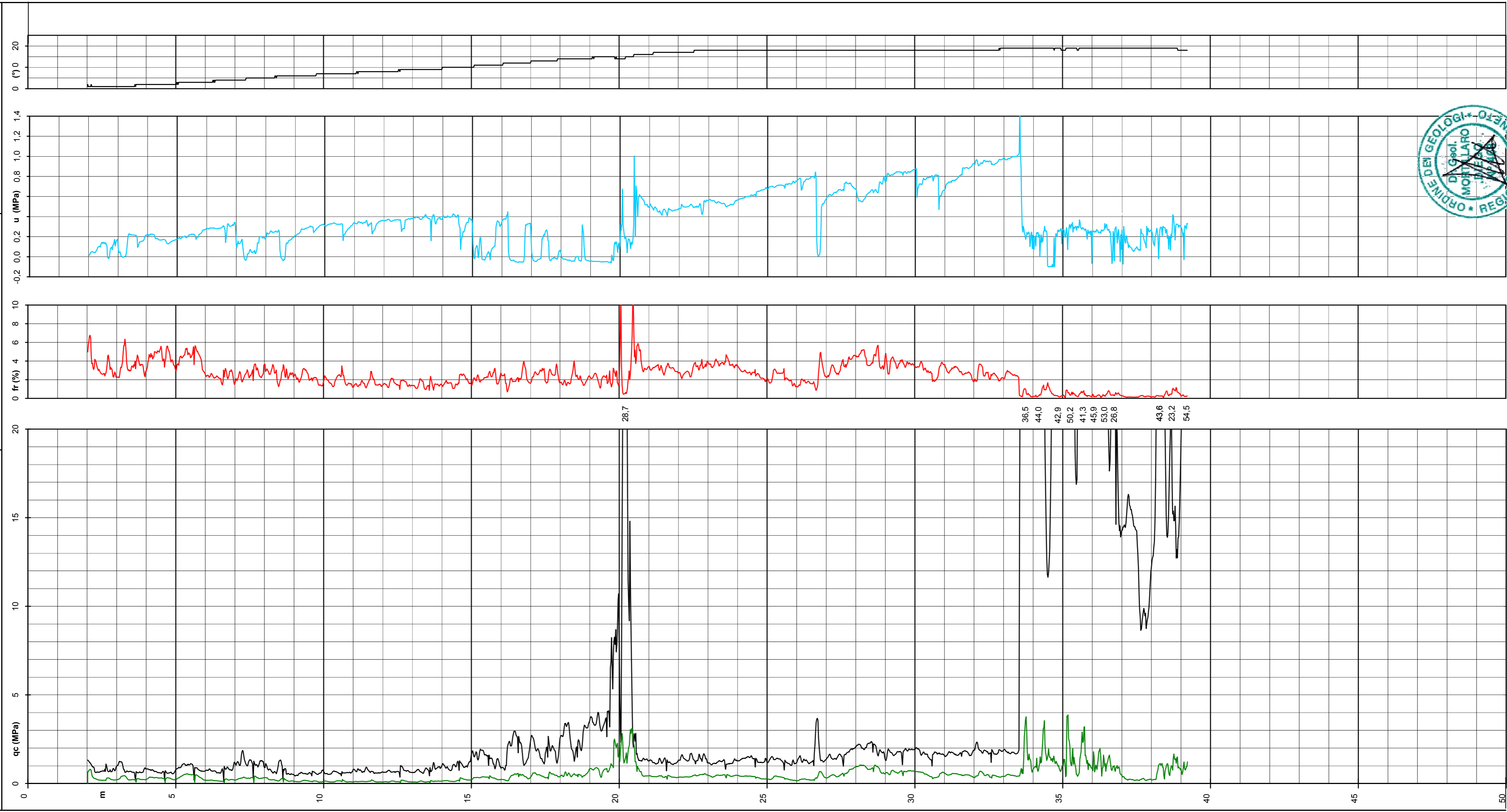
Committente: **AUTOSTRADA DEL BRENNERO S.p.A**  
 Cantiere: **SOVRAPASSO 143 - CAMPOGALLIANO (MO)**  
 Ubicazione Prova: Vedi Planimetria  
 Quota: 0,00 m.  
 Riferita a: Piano Campagna  
 Note: Eseguito preforo fino a m. 2,00

Prova n°: **CPTU 1 - 143**  
 Data esecuzione: **24/11/14**

Pratica n°: P14/122  
 n° doc.: 14/122/CPTU-1-143 Data emissione 25/11/14

Elaborato D.R.

qc Resistenza alla Punta (MPa)  
 fs Resistenza Laterale (MPa)  
 fr Rapporto fs/qc (%)  
 u Pressione nei Por (MPa)  
 Deviazione dalla verticale (°)



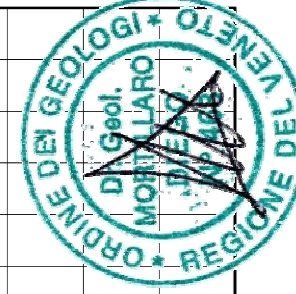
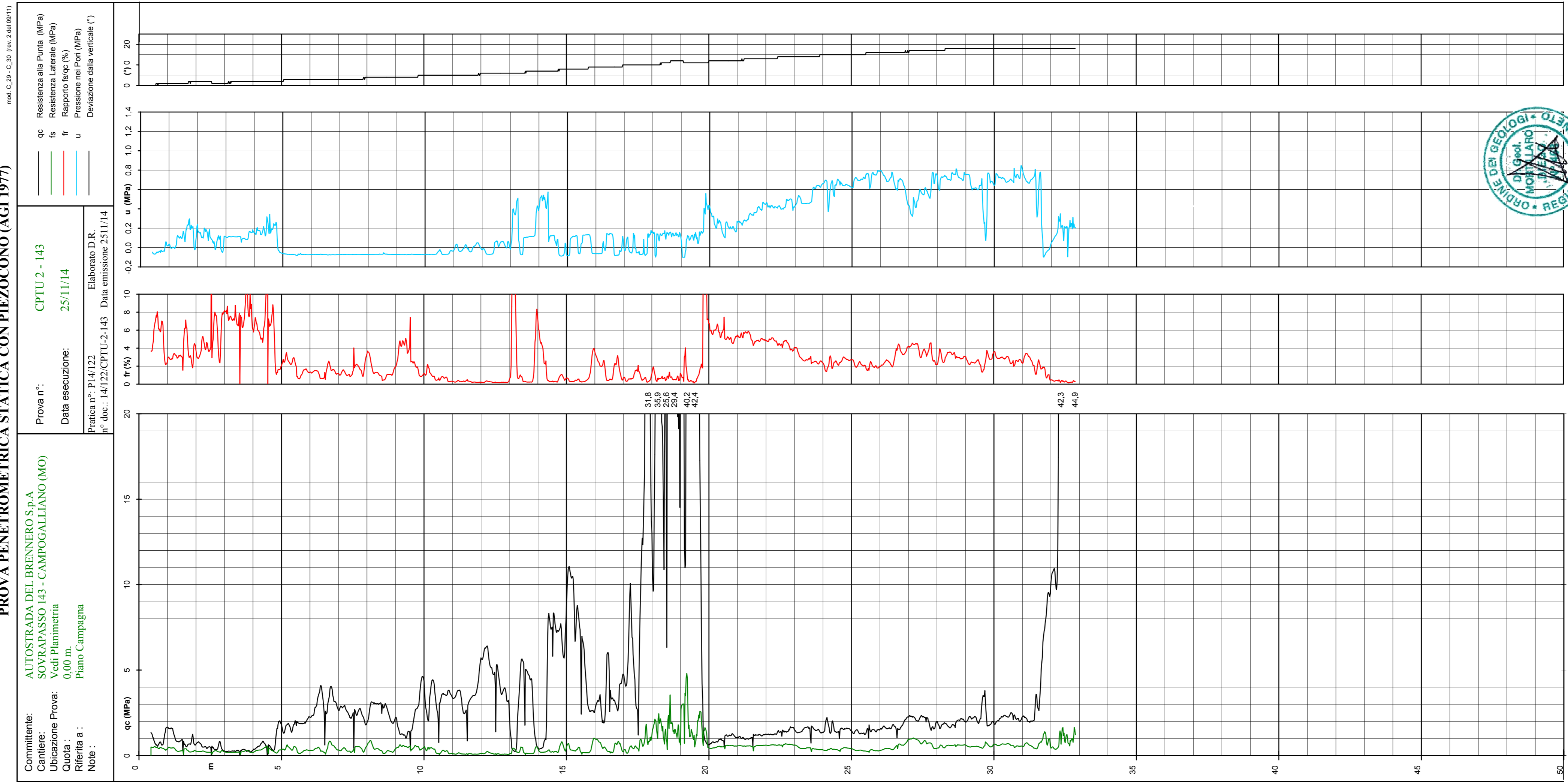
Sperimentatore  
 Geom. Marco Ferrini

Penetrometro "GOUUDA" 20 t - piezocono Memocone MK II

Direttore del laboratorio  
 Dott. Geol. Diego Mortillaro

**PROVA PENETROMETRICA STATICA CON PIEZOCONO (AGI 1977)**

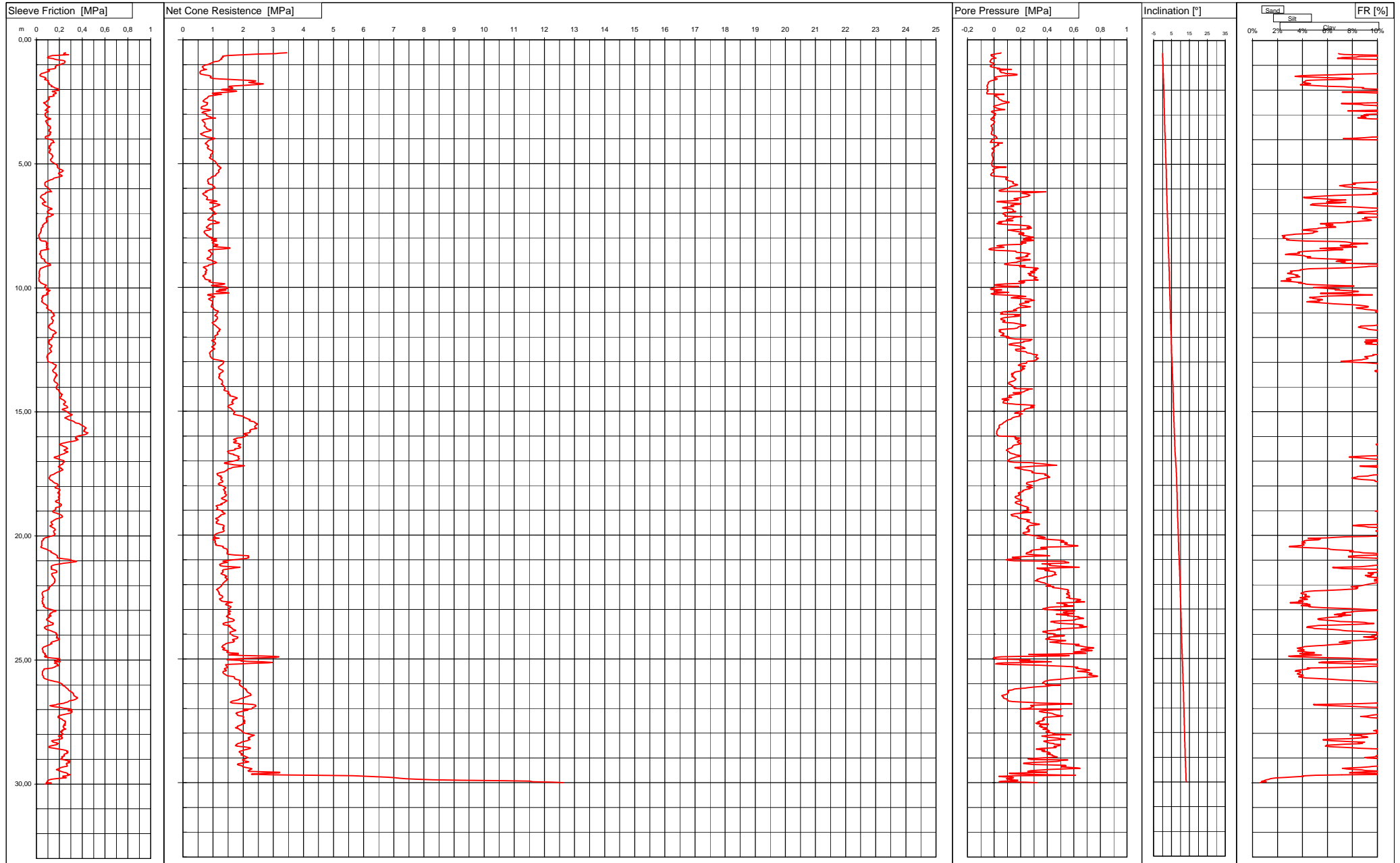
Commitente: <b>AUTOSTRADA DEL BRENNERO S.p.A</b> Cantiere: <b>SOVRAPASSO 143 - CAMPOGALLIANO (MO)</b> Ubicazione Prova: Vedi Planimetria Quota: 0,00 m. Riferita a: Piano Campagna Note:	Prova n°: <b>CPTU 2 - 143</b>	qc Resistenza alla Punta (MPa) fs Resistenza Laterale (MPa) fr Rapporto fs/qc (%) u Pressione nei Por (MPa) Deviazione dalla verticale (°)
	Data esecuzione: <b>25/11/14</b>	Elaborato D.R. Pratica n°: P14/122 h° doc.: 14/122/CPTU-2-143 Data emissione 25/11/14



# MO-CPTU23

Committente AUTOSTRADA DEL BRENNERO  
Località MODENA  
Cantiere TERZA C  
Operatore Dr. Stanzani  
Prova nr. CPTU15 Cert. N.  
Data Emesso il  
Falda 1,10 ml  
Preforo 0,50 m. p.c.

  
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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0,52	3,45	255,25	52,69
0,54	3,19	240,47	48,02
0,56	3,08	243,51	21,73
0,58	2,48	238,73	8,29
0,60	2,03	281,34	-22,09
0,62	1,73	210,47	-13,90
0,64	1,46	136,56	-22,09
0,66	1,31	118,73	-16,24
0,68	1,31	101,78	-5,73
0,70	1,33	100,91	1,87
0,72	1,31	95,69	-2,22
0,74	1,27	115,69	14,13
0,76	1,27	146,99	-10,99
0,78	1,29	160,04	-19,75
0,80	1,24	177,87	-22,67
0,82	1,23	212,22	-23,84
0,84	1,22	237,87	-26,76
0,86	1,16	248,74	-30,85
0,88	1,06	250,04	-30,85
0,90	1,00	247,86	-27,34
0,92	0,99	246,99	-24,42
0,94	0,94	241,34	-5,73
0,96	0,89	229,60	-3,98
0,98	0,88	218,73	-2,22
1,00	0,81	206,99	-9,82
1,02	0,75	193,08	-16,24
1,04	0,71	176,12	-20,92
1,06	0,68	166,56	-29,10
1,08	0,65	164,82	-25,59
1,10	0,64	170,90	-16,24
1,12	0,67	165,69	1,87
1,14	0,68	166,55	25,82
1,16	0,68	158,73	41,59
1,18	0,69	140,03	24,65
1,20	0,79	96,12	130,39
1,22	0,69	106,12	56,78
1,24	0,62	113,94	40,43
1,26	0,59	113,94	41,59
1,28	0,58	101,33	49,19
1,30	0,56	89,59	50,36
1,32	0,56	77,42	50,36
1,34	0,57	61,33	74,31
1,36	0,57	44,38	86,00
1,38	0,58	39,59	151,43
1,40	0,64	33,51	172,45
1,42	0,75	30,90	171,29
1,44	0,85	30,03	128,64
1,46	0,90	35,68	66,71
1,48	0,94	48,29	30,49
1,50	0,93	63,07	10,05

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1,52	0,90	74,38	1,87
1,54	0,92	80,46	1,28
1,56	1,00	82,64	12,97
1,58	1,22	74,81	24,65
1,60	1,51	72,64	18,22
1,62	1,93	85,25	2,45
1,64	2,25	99,16	-13,90
1,66	2,42	105,25	-24,42
1,68	2,40	100,46	-31,43
1,70	2,30	100,90	-38,44
1,72	2,19	103,07	-43,11
1,74	2,28	111,33	-43,11
1,76	2,56	110,90	-43,11
1,78	2,67	106,12	-44,87
1,80	2,56	116,11	-46,62
1,82	2,33	123,94	-49,55
1,84	2,01	128,29	-52,46
1,86	1,72	135,68	-54,22
1,88	1,54	128,72	-53,05
1,90	1,52	148,72	-49,55
1,92	1,60	153,94	-48,96
1,94	1,65	163,07	-50,13
1,96	1,65	178,72	-51,88
1,98	1,54	190,89	-53,63
2,00	1,30	196,54	-55,39
2,02	1,27	197,41	-53,05
2,04	1,44	193,50	-47,21
2,06	1,75	160,89	-44,29
2,08	1,78	137,84	-47,21
2,10	1,59	154,36	-51,30
2,12	1,40	163,06	-53,63
2,14	1,14	173,06	-55,39
2,16	0,97	172,62	-55,39
2,18	1,02	163,49	-54,22
2,20	1,28	147,40	74,89
2,22	1,17	149,14	35,75
2,24	1,05	147,40	11,22
2,26	0,93	154,79	3,03
2,28	0,85	136,53	9,46
2,30	0,84	106,96	15,89
2,32	0,82	108,70	26,99
2,34	0,82	108,27	32,83
2,36	0,80	106,53	34,00
2,38	0,74	112,62	33,42
2,40	0,73	109,57	37,50
2,42	0,72	105,22	43,93
2,44	0,70	104,35	55,03
2,46	0,68	93,49	58,54
2,48	0,67	89,14	68,47
2,50	0,69	86,09	89,50

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2,52	0,74	75,22	113,45
2,54	0,82	62,62	104,69
2,56	0,82	68,70	84,82
2,58	0,80	75,66	63,79
2,60	0,81	79,14	46,85
2,62	0,80	87,40	42,76
2,64	0,78	87,40	31,66
2,66	0,73	86,53	6,54
2,68	0,68	105,22	-3,98
2,70	0,63	117,40	-3,98
2,72	0,61	112,61	0,70
2,74	0,61	102,18	14,13
2,76	0,60	93,48	20,56
2,78	0,61	91,74	31,08
2,80	0,70	89,57	55,61
2,82	0,87	84,35	80,15
2,84	0,92	75,66	38,09
2,86	0,86	86,09	3,62
2,88	0,77	100,88	-13,90
2,90	0,69	103,05	-19,16
2,92	0,67	93,92	-18,58
2,94	0,63	86,96	-9,23
2,96	0,69	78,27	3,62
2,98	0,75	75,66	10,63
3,00	0,79	76,96	1,87
3,02	0,77	79,14	6,54
3,04	0,77	74,79	9,46
3,06	0,80	75,66	3,62
3,08	0,84	82,18	-5,14
3,10	0,86	86,09	-2,22
3,12	0,93	85,22	-3,39
3,14	0,93	88,70	-13,32
3,16	1,08	114,36	3,03
3,18	0,86	124,79	-19,16
3,20	0,74	123,49	-23,84
3,22	0,68	96,97	-23,25
3,24	0,63	91,75	-17,41
3,26	0,66	85,23	-7,48
3,28	0,67	79,57	-1,64
3,30	0,67	82,62	3,03
3,32	0,69	86,53	4,79
3,34	0,72	87,40	1,28
3,36	0,73	90,88	-1,05
3,38	0,73	93,92	-2,22
3,40	0,73	94,36	-5,73
3,42	0,73	96,97	-9,23
3,44	0,73	97,40	-16,83
3,46	0,72	108,70	-20,92
3,48	0,70	116,53	-23,25
3,50	0,72	121,31	-21,50

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,52	0,75	120,01	-16,24
3,54	0,78	123,05	-15,08
3,56	0,78	123,49	-12,15
3,58	0,79	120,01	-15,08
3,60	0,80	117,83	-15,66
3,62	0,87	111,75	-13,32
3,64	0,94	110,88	-9,82
3,66	0,93	106,53	-12,74
3,68	0,87	108,27	-13,90
3,70	0,82	116,53	-17,41
3,72	0,75	126,10	-18,58
3,74	0,69	126,10	-17,41
3,76	0,67	117,83	-18,00
3,78	0,62	117,40	-20,33
3,80	0,58	123,05	-20,33
3,82	0,61	114,36	-18,58
3,84	0,63	115,66	-12,15
3,86	0,67	113,49	0,70
3,88	0,72	90,01	10,05
3,90	0,75	80,01	14,72
3,92	0,79	77,40	14,72
3,94	0,86	77,40	19,39
3,96	0,99	77,83	23,48
3,98	1,06	90,01	18,81
4,00	1,05	101,75	4,79
4,02	0,98	120,44	-8,06
4,04	0,92	135,23	-16,24
4,06	0,86	146,10	-20,33
4,08	0,84	146,53	-19,75
4,10	0,82	146,53	-20,92
4,12	0,81	149,14	-25,59
4,14	0,79	154,79	-28,51
4,16	0,76	132,19	63,79
4,18	0,74	126,10	40,43
4,20	0,75	123,93	29,33
4,22	0,79	126,10	25,82
4,24	0,80	127,41	34,58
4,26	0,81	120,88	33,42
4,28	0,84	109,58	16,47
4,30	0,86	111,75	8,88
4,32	0,82	116,54	8,29
4,34	0,81	113,49	5,37
4,36	0,81	105,67	-5,14
4,38	0,82	109,58	-13,90
4,40	0,82	123,06	-16,24
4,42	0,87	125,23	-10,40
4,44	0,90	120,45	-4,56
4,46	0,92	116,10	1,28
4,48	0,96	113,93	-1,05
4,50	0,99	116,54	-1,64

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,52	1,00	112,63	-5,14
4,54	0,99	110,45	-8,65
4,56	0,99	113,93	-12,15
4,58	0,98	118,71	-15,66
4,60	0,96	130,02	-14,49
4,62	0,94	134,36	-12,74
4,64	0,92	134,36	-15,66
4,66	0,91	141,32	-15,66
4,68	0,92	140,02	-15,08
4,70	0,94	143,06	-12,15
4,72	0,93	139,15	-10,99
4,74	0,90	137,84	-10,40
4,76	0,88	137,84	-8,65
4,78	0,90	133,06	-8,06
4,80	0,92	130,45	-5,73
4,82	0,94	123,50	-5,73
4,84	0,99	123,06	-5,73
4,86	1,00	123,93	-9,23
4,88	1,03	126,98	-11,57
4,90	1,05	129,58	-13,90
4,92	1,08	135,24	-13,90
4,94	1,08	141,32	-15,08
4,96	1,10	148,71	-16,24
4,98	1,11	155,24	-17,41
5,00	1,12	164,37	-17,41
5,02	1,14	171,32	-16,83
5,04	1,14	177,41	-17,41
5,06	1,15	181,32	-17,41
5,08	1,15	187,41	-15,08
5,10	1,18	186,11	-12,74
5,12	1,22	183,06	-12,74
5,14	1,21	182,64	91,25
5,16	1,26	187,85	39,84
5,18	1,26	190,03	16,47
5,20	1,24	203,07	4,79
5,22	1,22	206,98	-2,22
5,24	1,21	219,16	-9,82
5,26	1,18	231,33	-8,65
5,28	1,18	233,94	-5,73
5,30	1,19	229,59	-1,64
5,32	1,19	221,77	-2,22
5,34	1,19	210,03	-4,56
5,36	1,18	200,03	-8,06
5,38	1,15	193,51	-15,08
5,40	1,12	195,25	-19,16
5,42	1,11	201,33	-22,67
5,44	1,10	209,16	-26,18
5,46	1,09	219,59	-24,42
5,48	1,09	224,38	-22,09
5,50	1,05	221,77	-5,73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,52	0,98	205,25	33,42
5,54	0,94	184,81	94,17
5,56	0,94	166,98	104,69
5,58	0,93	152,20	94,76
5,60	0,90	145,24	88,33
5,62	0,85	144,37	88,33
5,64	0,83	127,42	90,08
5,66	0,83	113,07	98,85
5,68	0,82	103,50	103,52
5,70	0,82	97,42	119,29
5,72	0,82	87,85	130,98
5,74	0,83	79,16	144,42
5,76	0,85	74,38	142,66
5,78	0,85	74,38	139,74
5,80	0,83	74,38	142,08
5,82	0,86	73,07	152,59
5,84	0,93	73,51	171,29
5,86	0,99	74,38	177,71
5,88	0,99	77,86	162,53
5,90	1,00	80,03	146,75
5,92	1,03	86,12	130,39
5,94	1,04	91,77	118,71
5,96	1,06	100,47	118,12
5,98	1,06	105,69	109,95
6,00	1,03	109,17	102,94
6,02	0,98	111,77	80,74
6,04	0,97	117,43	70,80
6,06	0,89	118,73	53,86
6,08	0,86	119,17	38,67
6,10	0,79	123,52	38,09
6,12	0,75	132,65	52,69
6,14	0,80	88,75	389,78
6,16	0,75	80,05	309,75
6,18	0,71	80,49	213,35
6,20	0,68	80,49	209,85
6,22	0,66	67,44	231,46
6,24	0,68	57,44	252,49
6,26	0,69	48,75	264,18
6,28	0,72	43,10	270,60
6,30	0,75	39,18	260,67
6,32	0,76	37,44	255,42
6,34	0,80	33,97	234,97
6,36	0,81	36,14	207,51
6,38	0,81	43,10	192,90
6,40	0,81	50,49	169,54
6,42	0,80	53,97	150,26
6,44	0,78	62,66	173,04
6,46	0,82	60,06	183,56
6,48	0,96	63,97	177,71
6,50	1,08	69,62	122,80



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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,52	1,12	70,93	51,53
6,54	1,00	80,49	21,73
6,56	0,90	67,02	58,54
6,58	0,90	53,54	97,10
6,60	1,02	51,37	156,10
6,62	1,11	55,28	202,25
6,64	1,18	57,45	191,15
6,66	1,22	65,71	142,66
6,68	1,20	71,80	124,55
6,70	1,16	83,97	143,24
6,72	1,08	95,71	147,92
6,74	1,06	100,93	130,39
6,76	1,02	108,32	87,16
6,78	0,99	118,32	62,63
6,80	0,94	132,67	70,22
6,82	0,89	135,28	107,61
6,84	0,93	118,33	135,65
6,86	0,97	110,50	140,91
6,88	0,95	107,02	144,42
6,90	0,99	104,41	145,00
6,92	1,01	94,85	141,49
6,94	1,02	94,41	161,94
6,96	1,05	96,59	118,71
6,98	1,05	103,98	80,74
7,00	1,05	113,11	69,05
7,02	1,11	128,33	65,55
7,04	1,07	147,02	68,47
7,06	0,99	144,85	83,66
7,08	0,97	134,41	88,33
7,10	0,97	127,02	83,66
7,12	0,95	123,54	81,90
7,14	0,95	93,55	210,43
7,16	0,92	91,38	159,60
7,18	0,90	90,94	146,17
7,20	0,88	84,85	141,49
7,22	0,87	87,46	123,97
7,24	0,84	87,03	103,52
7,26	0,83	87,03	93,00
7,28	0,87	88,77	97,10
7,30	1,00	93,98	142,08
7,32	1,08	87,90	89,50
7,34	1,08	90,94	39,84
7,36	1,13	87,90	32,83
7,38	1,21	78,33	56,78
7,40	1,18	67,46	39,84
7,42	1,05	65,72	20,56
7,44	0,90	62,25	38,67
7,46	0,88	57,46	118,12
7,48	0,85	53,12	194,07
7,50	0,85	55,72	219,78

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,52	0,84	59,20	262,43
7,54	0,81	57,46	271,19
7,56	0,77	48,33	275,28
7,58	0,78	43,99	247,82
7,60	0,81	43,99	281,70
7,62	0,87	41,81	260,67
7,64	0,94	41,38	260,09
7,66	0,93	38,33	184,14
7,68	0,87	42,25	104,69
7,70	0,78	41,82	129,22
7,72	0,72	39,64	145,00
7,74	0,70	36,16	175,38
7,76	0,70	35,73	195,82
7,78	0,70	35,73	198,75
7,80	0,72	32,69	220,95
7,82	0,73	26,16	224,45
7,84	0,75	24,86	184,73
7,86	0,76	22,25	200,50
7,88	0,81	19,64	220,36
7,90	0,79	20,08	216,86
7,92	0,82	21,82	244,32
7,94	0,85	21,38	257,75
7,96	0,87	22,69	279,95
7,98	0,95	23,99	296,89
8,00	0,97	27,04	236,72
8,02	0,93	27,91	240,22
8,04	1,11	31,38	278,78
8,06	1,07	30,08	219,19
8,08	0,96	35,73	290,47
8,10	0,95	43,12	297,48
8,12	1,12	82,70	268,85
8,14	1,05	85,31	210,43
8,16	1,00	85,31	212,18
8,18	1,01	86,61	200,50
8,20	0,98	99,22	240,22
8,22	1,00	91,39	208,10
8,24	1,02	86,61	205,76
8,26	1,08	91,39	209,26
8,28	1,15	87,05	105,86
8,30	1,14	87,92	41,01
8,32	1,05	94,00	20,56
8,34	1,01	91,83	43,93
8,36	1,13	88,79	66,71
8,38	1,34	86,18	74,31
8,40	1,54	87,92	21,15
8,42	1,56	103,57	-18,00
8,44	1,37	106,61	-34,94
8,46	1,14	80,53	-39,61
8,48	0,91	59,22	-29,10
8,50	0,86	41,83	21,73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,52	0,85	36,18	108,19
8,54	0,89	34,87	163,69
8,56	0,91	34,44	163,69
8,58	0,91	35,74	170,12
8,60	0,93	36,18	215,11
8,62	0,94	28,78	247,82
8,64	1,00	27,05	269,44
8,66	0,96	34,00	256,58
8,68	0,94	37,48	256,00
8,70	0,93	40,52	243,15
8,72	0,91	40,52	239,06
8,74	0,91	44,44	254,24
8,76	0,91	41,83	245,48
8,78	0,89	40,96	203,42
8,80	0,82	44,44	175,38
8,82	0,81	50,52	164,86
8,84	0,79	62,70	180,64
8,86	0,83	70,96	229,71
8,88	0,86	70,96	271,77
8,90	0,93	68,35	251,91
8,92	0,98	70,09	215,11
8,94	0,98	78,35	198,16
8,96	1,05	80,53	178,30
8,98	1,10	85,31	168,37
9,00	1,12	92,70	135,65
9,02	1,08	103,13	112,28
9,04	1,03	117,92	94,17
9,06	0,98	123,57	78,40
9,08	0,91	124,87	97,10
9,10	0,85	117,92	120,46
9,12	0,85	87,05	233,80
9,14	0,79	79,22	195,24
9,16	0,73	67,92	191,15
9,18	0,67	59,22	229,12
9,20	0,70	45,31	286,38
9,22	0,73	34,87	324,94
9,24	0,76	33,57	331,95
9,26	0,76	30,09	297,48
9,28	0,77	30,96	295,14
9,30	0,79	28,79	320,26
9,32	0,78	24,44	308,58
9,34	0,76	24,87	291,05
9,36	0,74	24,01	274,11
9,38	0,76	24,44	299,81
9,40	0,77	22,27	306,24
9,42	0,74	22,27	277,61
9,44	0,74	24,87	256,00
9,46	0,76	26,61	271,19
9,48	0,73	27,48	278,78
9,50	0,71	25,31	263,59

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**Intergeo** s.r.l.



Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
9,52	0,67	25,31	267,68
9,54	0,66	26,18	288,71
9,56	0,67	25,31	300,98
9,58	0,71	22,70	308,58
9,60	0,71	21,40	322,60
9,62	0,72	20,10	308,00
9,64	0,73	20,53	299,23
9,66	0,73	23,14	305,07
9,68	0,77	24,44	303,90
9,70	0,86	22,70	331,95
9,72	0,91	21,40	232,05
9,74	0,88	27,49	194,66
9,76	0,86	31,84	185,89
9,78	0,89	36,62	230,88
9,80	0,98	37,49	200,50
9,82	1,12	49,23	223,28
9,84	1,30	57,49	189,40
9,86	1,38	67,49	84,82
9,88	1,30	82,71	18,81
9,90	1,12	87,05	2,45
9,92	0,95	84,01	12,97
9,94	0,98	75,75	88,33
9,96	1,22	70,97	184,73
9,98	1,42	72,71	90,67
10,00	1,45	85,32	15,31
10,02	1,49	97,49	-2,22
10,04	1,48	104,01	-18,00
10,06	1,36	101,84	-27,93
10,08	1,20	84,88	-20,92
10,10	1,43	118,79	56,78
10,12	1,31	116,19	15,89
10,14	1,16	107,06	23,48
10,16	1,10	96,62	1,87
10,18	1,16	99,66	19,39
10,20	1,39	93,58	109,36
10,22	1,53	87,49	38,67
10,24	1,32	104,01	-12,74
10,26	1,06	95,75	-23,25
10,28	0,84	89,23	-8,65
10,30	0,82	70,97	63,79
10,32	0,84	55,75	136,23
10,34	0,94	54,88	190,57
10,36	1,04	58,36	239,64
10,38	1,06	50,53	197,00
10,40	0,97	49,23	147,92
10,42	0,92	46,18	128,06
10,44	0,89	48,79	182,39
10,46	0,85	50,10	240,81
10,48	0,85	50,53	278,78
10,50	0,89	49,23	279,95

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
10,52	0,92	51,84	302,74
10,54	0,96	46,18	280,54
10,56	0,98	44,44	232,05
10,58	0,98	52,71	250,74
10,60	0,98	57,92	261,26
10,62	0,98	63,14	245,48
10,64	0,98	67,49	211,60
10,66	0,97	77,92	204,00
10,68	0,96	84,88	192,32
10,70	0,96	90,10	194,66
10,72	0,95	94,01	206,34
10,74	0,95	96,62	229,71
10,76	0,94	95,75	250,74
10,78	0,94	94,88	272,94
10,80	0,97	87,92	247,82
10,82	1,00	91,40	189,40
10,84	1,01	97,49	173,63
10,86	1,02	101,84	168,95
10,88	1,04	107,92	163,69
10,90	1,07	115,75	146,17
10,92	1,07	128,79	159,02
10,94	1,13	130,10	168,95
10,96	1,18	128,36	135,65
10,98	1,15	133,14	77,81
11,00	1,13	139,66	59,70
11,02	1,13	144,01	49,19
11,04	1,13	152,27	63,79
11,06	1,13	149,23	62,63
11,08	1,12	150,10	49,19
11,10	1,09	154,44	192,90
11,12	1,07	156,62	155,52
11,14	1,06	151,40	181,22
11,16	1,10	140,10	189,98
11,18	1,13	133,14	143,24
11,20	1,14	132,27	108,78
11,22	1,14	130,96	80,15
11,24	1,14	133,57	67,30
11,26	1,14	134,44	50,94
11,28	1,13	140,10	53,86
11,30	1,10	146,18	51,53
11,32	1,09	149,66	76,65
11,34	1,10	144,44	80,74
11,36	1,08	141,83	80,15
11,38	1,03	140,09	64,96
11,40	1,00	140,53	64,38
11,42	0,97	140,53	94,76
11,44	0,98	132,70	146,17
11,46	1,00	120,09	174,79
11,48	1,02	116,18	194,07
11,50	1,03	114,01	197,58

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
11,52	1,06	114,44	239,06
11,54	1,09	103,13	234,38
11,56	1,10	103,13	221,53
11,58	1,12	103,57	188,81
11,60	1,13	106,61	181,22
11,62	1,15	113,57	178,89
11,64	1,17	118,35	175,96
11,66	1,20	120,96	151,43
11,68	1,22	126,18	93,59
11,70	1,24	135,74	52,11
11,72	1,21	152,26	37,50
11,74	1,20	159,66	47,44
11,76	1,22	160,09	49,19
11,78	1,18	164,00	37,50
11,80	1,15	173,57	47,44
11,82	1,14	170,96	52,11
11,84	1,14	164,87	67,89
11,86	1,14	151,83	75,48
11,88	1,17	145,31	69,05
11,90	1,15	145,31	63,79
11,92	1,13	143,13	71,97
11,94	1,09	139,65	49,77
11,96	1,05	147,91	71,39
11,98	1,05	140,52	103,52
12,00	1,06	134,44	112,28
12,02	1,06	134,44	91,25
12,04	1,06	134,44	95,34
12,06	1,07	134,44	121,63
12,08	1,07	129,65	159,60
12,10	1,06	106,18	286,96
12,12	1,01	113,13	270,60
12,14	0,96	114,44	274,11
12,16	0,97	107,05	258,92
12,18	1,03	101,83	220,95
12,20	1,03	109,22	226,79
12,22	1,05	111,39	212,18
12,24	1,08	108,35	183,56
12,26	1,09	108,35	145,00
12,28	1,08	116,61	118,12
12,30	1,05	128,79	112,87
12,32	1,05	132,70	114,62
12,34	1,03	135,31	148,50
12,36	1,02	130,96	180,05
12,38	0,98	130,53	197,00
12,40	0,96	127,92	205,17
12,42	0,98	120,53	225,03
12,44	1,01	113,14	225,03
12,46	1,03	116,61	233,22
12,48	1,05	118,35	193,49
12,50	1,02	120,96	160,19

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
12,52	1,00	127,48	163,11
12,54	0,98	125,74	162,53
12,56	0,95	130,09	172,45
12,58	0,93	129,66	215,11
12,60	0,91	120,09	240,81
12,62	0,90	115,31	243,15
12,64	0,88	113,13	247,23
12,66	0,88	108,35	271,19
12,68	0,89	100,96	282,29
12,70	0,90	96,18	292,22
12,72	0,90	97,05	326,69
12,74	0,90	94,87	323,18
12,76	0,90	91,83	320,85
12,78	0,91	90,09	315,59
12,80	0,91	91,39	313,25
12,82	0,93	94,44	310,33
12,84	0,95	96,18	321,43
12,86	0,96	97,05	333,11
12,88	1,00	97,05	326,69
12,90	1,03	99,22	319,10
12,92	1,12	100,53	321,43
12,94	1,20	99,66	310,91
12,96	1,30	99,66	302,15
12,98	1,36	105,74	253,08
13,00	1,34	120,53	245,48
13,02	1,36	137,05	245,48
13,04	1,34	141,83	246,07
13,06	1,34	149,22	243,15
13,08	1,34	154,44	212,18
13,10	1,30	166,18	194,66
13,12	1,27	173,13	190,57
13,14	1,26	171,39	182,39
13,16	1,24	170,96	188,81
13,18	1,21	163,57	233,80
13,20	1,19	168,36	212,77
13,22	1,18	164,88	218,02
13,24	1,19	156,18	210,43
13,26	1,19	157,49	218,61
13,28	1,20	151,40	229,71
13,30	1,22	144,88	223,87
13,32	1,26	141,83	202,84
13,34	1,31	142,27	207,51
13,36	1,33	144,44	207,51
13,38	1,34	146,61	191,74
13,40	1,33	151,40	171,29
13,42	1,30	159,22	154,93
13,44	1,27	169,66	154,34
13,46	1,25	172,70	142,66
13,48	1,24	170,53	130,98
13,50	1,20	179,22	143,83

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
13,52	1,22	174,01	130,39
13,54	1,21	179,22	140,91
13,56	1,22	167,05	137,99
13,58	1,22	166,18	136,23
13,60	1,20	166,18	133,90
13,62	1,18	166,61	149,67
13,64	1,20	158,35	147,92
13,66	1,20	158,35	153,18
13,68	1,21	155,31	160,19
13,70	1,24	155,31	164,28
13,72	1,26	152,26	160,19
13,74	1,29	154,00	157,27
13,76	1,30	156,18	153,18
13,78	1,30	160,96	146,75
13,80	1,31	164,44	129,81
13,82	1,31	171,83	118,12
13,84	1,31	180,52	111,11
13,86	1,31	182,70	108,19
13,88	1,30	185,74	108,19
13,90	1,27	187,91	111,11
13,92	1,29	187,91	125,72
13,94	1,32	180,52	128,06
13,96	1,33	178,35	132,73
13,98	1,36	175,74	140,91
14,00	1,37	171,83	145,00
14,02	1,38	170,96	143,24
14,04	1,38	174,00	150,26
14,06	1,39	178,35	163,69
14,08	1,41	175,74	152,01
14,10	1,38	188,35	287,55
14,12	1,38	192,70	250,16
14,14	1,36	197,92	254,83
14,16	1,38	197,05	240,81
14,18	1,42	195,74	232,05
14,20	1,49	202,26	227,37
14,22	1,52	207,05	217,44
14,24	1,51	209,22	192,90
14,26	1,52	209,66	143,24
14,28	1,48	221,83	203,42
14,30	1,50	226,61	202,25
14,32	1,55	216,61	161,94
14,34	1,56	219,66	137,40
14,36	1,55	218,79	112,87
14,38	1,55	216,61	114,03
14,40	1,64	203,13	111,11
14,42	1,72	200,09	121,05
14,44	1,75	208,78	132,15
14,46	1,80	209,22	106,44
14,48	1,79	218,78	88,91
14,50	1,73	226,61	62,04

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
14,52	1,69	235,74	60,29
14,54	1,64	243,57	110,53
14,56	1,67	243,57	97,68
14,58	1,66	250,52	75,48
14,60	1,63	255,74	71,97
14,62	1,64	252,26	67,89
14,64	1,62	249,65	68,47
14,66	1,64	240,52	67,30
14,68	1,67	236,61	94,17
14,70	1,66	240,52	132,73
14,72	1,63	242,69	162,53
14,74	1,57	255,30	230,29
14,76	1,52	265,30	303,32
14,78	1,51	269,21	295,73
14,80	1,50	270,08	285,79
14,82	1,49	271,82	275,28
14,84	1,52	264,43	300,40
14,86	1,56	250,52	288,71
14,88	1,59	230,95	262,43
14,90	1,60	224,43	240,81
14,92	1,62	232,69	227,96
14,94	1,64	244,86	229,12
14,96	1,66	252,69	225,03
14,98	1,67	262,69	227,37
15,00	1,68	272,69	215,11
15,02	1,71	274,86	191,74
15,04	1,72	279,21	173,63
15,06	1,71	287,03	160,19
15,08	1,69	293,56	154,93
15,10	1,68	311,39	212,18
15,12	1,68	311,39	198,75
15,14	1,73	303,13	194,66
15,16	1,83	287,04	189,40
15,18	1,91	275,30	191,74
15,20	1,98	265,73	191,74
15,22	2,02	254,43	170,70
15,24	2,03	248,34	149,67
15,26	2,04	257,04	139,74
15,28	2,10	266,60	135,65
15,30	2,15	275,30	130,39
15,32	2,19	284,43	126,31
15,34	2,23	297,91	111,70
15,36	2,21	315,30	101,77
15,38	2,20	324,43	91,84
15,40	2,26	330,52	90,08
15,42	2,34	337,04	85,41
15,44	2,39	342,25	75,48
15,46	2,40	361,38	70,22
15,48	2,40	377,47	69,05
15,50	2,45	382,69	64,38

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
15,52	2,47	390,08	58,54
15,54	2,45	396,16	48,60
15,56	2,44	406,16	41,01
15,58	2,41	413,12	37,50
15,60	2,40	420,08	38,09
15,62	2,38	427,90	38,09
15,64	2,38	435,29	36,92
15,66	2,39	434,86	39,84
15,68	2,45	423,12	36,92
15,70	2,45	418,77	32,83
15,72	2,32	422,68	27,57
15,74	2,26	421,81	26,99
15,76	2,23	411,81	24,07
15,78	2,22	413,98	23,48
15,80	2,25	424,85	22,90
15,82	2,25	429,63	19,98
15,84	2,21	449,63	19,98
15,86	2,21	443,98	20,56
15,88	2,14	442,67	19,98
15,90	2,04	428,32	17,64
15,92	2,02	417,89	19,39
15,94	2,08	397,89	22,90
15,96	2,15	368,75	25,82
15,98	2,10	356,58	25,82
16,00	2,06	346,58	37,50
16,02	2,06	340,05	153,18
16,04	2,00	346,14	162,53
16,06	1,95	354,40	155,52
16,08	1,79	339,64	191,15
16,10	1,79	358,77	162,53
16,12	1,72	365,29	159,02
16,14	1,68	352,25	169,54
16,16	1,72	346,60	184,14
16,18	1,75	322,25	193,49
16,20	1,78	295,29	188,81
16,22	1,75	271,82	178,89
16,24	1,69	249,64	174,79
16,26	1,69	231,38	181,22
16,28	1,72	217,47	190,57
16,30	1,83	204,43	204,00
16,32	1,86	204,43	198,16
16,34	1,92	211,82	177,13
16,36	1,87	227,03	159,02
16,38	1,86	233,99	146,75
16,40	1,84	245,29	139,74
16,42	1,85	257,47	138,57
16,44	1,90	265,73	140,33
16,46	1,92	266,60	133,90
16,48	1,89	271,38	131,56
16,50	1,83	255,29	116,96

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
16,52	1,72	248,77	107,02
16,54	1,74	239,20	100,60
16,56	1,71	245,72	94,17
16,58	1,65	257,03	93,00
16,60	1,55	273,55	100,60
16,62	1,48	273,99	107,02
16,64	1,49	257,90	111,70
16,66	1,50	247,03	115,21
16,68	1,50	245,72	118,12
16,70	1,56	232,68	129,22
16,72	1,59	214,42	139,16
16,74	1,69	207,90	153,76
16,76	1,69	199,20	163,11
16,78	1,74	188,33	187,65
16,80	1,80	173,12	202,25
16,82	1,86	156,16	193,49
16,84	1,85	155,29	168,95
16,86	1,84	167,90	157,85
16,88	1,83	178,77	144,42
16,90	1,86	192,24	129,81
16,92	1,87	206,59	125,72
16,94	1,86	217,03	117,54
16,96	1,83	235,72	112,28
16,98	1,77	242,68	105,27
17,00	1,73	241,38	101,18
17,02	1,63	245,29	107,02
17,04	1,54	236,16	120,46
17,06	1,49	230,94	147,92
17,08	1,39	230,95	285,21
17,10	1,38	232,69	311,50
17,12	1,45	218,34	357,07
17,14	1,57	204,86	390,95
17,16	1,69	202,69	428,92
17,18	1,87	204,43	472,16
17,20	2,04	191,82	392,12
17,22	1,97	194,86	306,24
17,24	1,83	202,26	241,98
17,26	1,68	216,17	185,31
17,28	1,63	211,39	156,10
17,30	1,59	223,56	174,79
17,32	1,52	230,52	192,90
17,34	1,48	230,95	207,51
17,36	1,47	219,21	223,28
17,38	1,47	211,82	247,82
17,40	1,43	203,99	268,85
17,42	1,41	187,91	284,63
17,44	1,38	180,52	291,64
17,46	1,31	167,91	284,63
17,48	1,23	161,38	284,63
17,50	1,17	156,60	318,51

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
17,52	1,13	144,86	369,33
17,54	1,14	132,69	390,95
17,56	1,15	123,12	389,20
17,58	1,15	118,34	382,19
17,60	1,17	119,21	405,56
17,62	1,27	116,17	404,39
17,64	1,23	113,12	410,81
17,66	1,26	110,52	419,58
17,68	1,29	111,38	411,98
17,70	1,30	114,43	385,11
17,72	1,27	117,47	371,09
17,74	1,26	121,39	351,81
17,76	1,26	130,52	338,37
17,78	1,27	137,91	331,95
17,80	1,31	142,26	322,60
17,82	1,32	144,86	312,67
17,84	1,32	150,95	291,64
17,86	1,31	158,78	264,18
17,88	1,26	170,95	246,65
17,90	1,21	183,13	246,07
17,92	1,19	186,17	243,73
17,94	1,17	188,78	244,90
17,96	1,18	187,91	258,33
17,98	1,24	187,91	277,03
18,00	1,29	176,17	287,55
18,02	1,32	163,56	277,03
18,04	1,36	161,82	264,76
18,06	1,38	163,56	246,07
18,08	1,42	182,71	289,30
18,10	1,42	190,97	264,18
18,12	1,39	202,28	270,60
18,14	1,37	205,32	256,58
18,16	1,34	205,75	241,39
18,18	1,36	197,49	231,46
18,20	1,37	196,62	215,11
18,22	1,37	194,45	218,02
18,24	1,40	190,97	217,44
18,26	1,42	186,19	204,59
18,28	1,40	190,97	190,57
18,30	1,38	199,67	181,80
18,32	1,38	201,84	188,23
18,34	1,42	197,49	184,73
18,36	1,43	201,84	192,32
18,38	1,45	197,93	192,32
18,40	1,43	195,75	185,89
18,42	1,43	191,84	175,96
18,44	1,39	192,71	161,94
18,46	1,37	193,58	157,27
18,48	1,33	200,10	159,02
18,50	1,30	198,36	164,86

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
18,52	1,28	196,62	170,70
18,54	1,31	192,27	181,22
18,56	1,34	183,14	192,32
18,58	1,39	174,01	206,34
18,60	1,45	165,75	208,10
18,62	1,46	168,36	200,50
18,64	1,44	175,75	177,71
18,66	1,39	188,36	166,61
18,68	1,38	198,36	159,02
18,70	1,34	205,31	159,60
18,72	1,31	214,88	167,78
18,74	1,25	218,36	178,89
18,76	1,30	216,18	191,15
18,78	1,25	216,18	198,75
18,80	1,15	209,66	207,51
18,82	1,10	202,70	221,53
18,84	1,12	184,88	230,88
18,86	1,13	168,36	243,73
18,88	1,14	166,18	254,83
18,90	1,15	168,36	258,92
18,92	1,14	169,23	257,75
18,94	1,13	164,44	244,90
18,96	1,12	158,79	250,16
18,98	1,15	149,66	261,26
19,00	1,24	142,70	261,84
19,02	1,30	142,27	253,08
19,04	1,32	147,92	223,87
19,06	1,30	157,49	212,18
19,08	1,32	178,81	279,95
19,10	1,35	185,33	222,11
19,12	1,39	197,94	198,75
19,14	1,40	206,63	159,60
19,16	1,33	218,37	137,99
19,18	1,27	221,41	126,89
19,20	1,25	226,63	130,98
19,22	1,26	227,07	135,07
19,24	1,20	225,76	160,19
19,26	1,20	214,89	175,96
19,28	1,19	196,63	177,13
19,30	1,15	180,11	180,05
19,32	1,09	169,67	188,23
19,34	1,08	164,46	207,51
19,36	1,13	152,72	233,80
19,38	1,16	148,80	256,00
19,40	1,18	144,02	265,93
19,42	1,16	130,54	250,16
19,44	1,14	127,50	245,48
19,46	1,11	127,50	254,24
19,48	1,13	130,11	267,10
19,50	1,11	135,32	275,28

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
19,52	1,11	137,50	286,38
19,54	1,15	141,41	315,00
19,56	1,22	134,89	340,71
19,58	1,30	120,54	327,27
19,60	1,34	117,50	298,06
19,62	1,37	125,76	265,93
19,64	1,37	135,32	257,75
19,66	1,37	139,24	253,66
19,68	1,33	148,80	250,74
19,70	1,32	158,37	257,75
19,72	1,37	160,11	248,99
19,74	1,34	164,89	242,56
19,76	1,32	163,58	255,42
19,78	1,34	156,19	267,10
19,80	1,37	151,84	265,93
19,82	1,37	149,67	254,83
19,84	1,37	151,41	263,01
19,86	1,33	153,58	264,76
19,88	1,30	153,58	243,73
19,90	1,22	158,80	223,28
19,92	1,16	164,45	216,27
19,94	1,13	160,97	219,78
19,96	1,09	154,45	230,88
19,98	1,07	147,93	249,57
20,00	1,04	135,32	269,44
20,02	1,04	117,93	290,47
20,04	1,04	106,19	326,11
20,06	1,06	84,89	359,40
20,08	1,06	73,15	373,43
20,10	1,03	65,32	384,53
20,12	1,20	55,77	322,60
20,14	1,10	63,16	351,81
20,16	1,04	58,38	372,26
20,18	0,99	55,34	434,77
20,20	1,02	47,08	485,59
20,22	1,07	45,77	514,80
20,24	1,08	46,64	524,74
20,26	1,08	44,47	514,80
20,28	1,05	44,47	499,03
20,30	1,07	47,08	541,10
20,32	1,08	44,47	551,02
20,34	1,08	45,34	544,01
20,36	1,10	45,78	530,00
20,38	1,09	47,08	537,59
20,40	1,08	45,78	565,05
20,42	1,15	41,43	608,86
20,44	1,25	38,38	630,48
20,46	1,34	40,56	574,98
20,48	1,33	50,12	423,67
20,50	1,33	65,34	354,73

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
20,52	1,34	79,25	350,64
20,54	1,41	91,43	386,86
20,56	1,45	96,21	397,96
20,58	1,46	103,60	347,72
20,60	1,47	117,52	292,80
20,62	1,47	128,82	279,95
20,64	1,47	127,52	280,54
20,66	1,49	125,78	268,27
20,68	1,47	137,52	281,12
20,70	1,47	142,73	256,00
20,72	1,46	156,65	244,32
20,74	1,46	164,04	243,15
20,76	1,46	169,69	240,81
20,78	1,52	177,95	265,34
20,80	1,70	182,73	327,86
20,82	1,98	182,73	383,36
20,84	2,18	181,43	418,41
20,86	2,16	180,99	258,92
20,88	2,19	182,30	175,96
20,90	2,16	202,73	136,82
20,92	2,18	238,38	149,67
20,94	2,10	271,43	197,58
20,96	1,95	302,73	164,28
20,98	1,85	300,12	104,11
21,00	1,69	330,56	91,84
21,02	1,52	350,99	112,28
21,04	1,38	345,77	151,43
21,06	1,33	304,90	532,33
21,08	1,39	276,64	537,00
21,10	1,47	241,42	559,79
21,12	1,40	210,55	563,29
21,14	1,32	184,90	498,44
21,16	1,27	162,29	360,57
21,18	1,22	143,16	403,80
21,20	1,22	134,90	422,50
21,22	1,23	130,98	416,07
21,24	1,25	128,37	438,86
21,26	1,34	127,94	490,85
21,28	1,68	134,46	593,09
21,30	1,89	129,68	640,41
21,32	1,76	129,68	501,37
21,34	1,67	130,55	321,43
21,36	1,52	150,98	337,21
21,38	1,43	167,94	376,93
21,40	1,35	176,20	414,90
21,42	1,31	177,50	381,60
21,44	1,31	175,77	396,79
21,46	1,31	178,37	426,59
21,48	1,34	168,81	445,28
21,50	1,33	143,16	459,89

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
21,52	1,30	132,72	462,22
21,54	1,27	132,72	455,22
21,56	1,26	134,90	457,55
21,58	1,30	136,63	456,97
21,60	1,32	139,68	468,65
21,62	1,39	137,94	438,86
21,64	1,40	146,63	440,02
21,66	1,45	147,07	420,16
21,68	1,45	149,24	396,79
21,70	1,40	154,46	375,18
21,72	1,40	159,68	374,59
21,74	1,43	159,24	351,81
21,76	1,46	161,85	340,12
21,78	1,49	161,42	330,78
21,80	1,47	161,85	322,01
21,82	1,45	162,29	327,86
21,84	1,45	156,20	309,16
21,86	1,40	160,11	326,11
21,88	1,39	157,07	341,88
21,90	1,37	152,29	352,98
21,92	1,35	149,24	368,17
21,94	1,34	144,03	381,60
21,96	1,33	137,07	386,86
21,98	1,31	133,16	395,63
22,00	1,30	129,68	414,90
22,02	1,28	123,59	422,50
22,04	1,28	120,55	421,91
22,06	1,26	111,85	390,95
22,08	1,27	108,39	449,37
22,10	1,23	113,60	439,44
22,12	1,21	109,69	441,78
22,14	1,19	109,26	475,08
22,16	1,16	104,47	500,20
22,18	1,15	94,91	525,32
22,20	1,11	84,91	550,44
22,22	1,15	72,30	559,79
22,24	1,16	60,56	558,03
22,26	1,17	54,91	559,79
22,28	1,17	51,43	551,61
22,30	1,19	50,13	554,53
22,32	1,19	49,26	562,71
22,34	1,21	48,82	565,63
22,36	1,20	50,13	545,77
22,38	1,20	54,04	545,77
22,40	1,22	54,91	549,27
22,42	1,23	54,91	565,05
22,44	1,28	55,78	562,71
22,46	1,31	60,13	565,63
22,48	1,31	62,74	569,13
22,50	1,32	55,35	561,54

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
22,52	1,31	51,87	544,01
22,54	1,29	54,04	569,13
22,56	1,26	56,21	569,13
22,58	1,21	55,78	604,77
22,60	1,23	52,74	649,17
22,62	1,23	48,82	650,92
22,64	1,27	48,83	631,06
22,66	1,28	51,44	614,12
22,68	1,34	56,65	640,41
22,70	1,53	55,78	681,31
22,72	1,64	51,00	629,89
22,74	1,51	56,22	472,16
22,76	1,44	65,78	505,45
22,78	1,44	67,09	521,81
22,80	1,41	67,96	547,52
22,82	1,43	61,00	543,43
22,84	1,50	60,57	526,49
22,86	1,53	74,48	599,52
22,88	1,58	74,92	563,88
22,90	1,60	80,57	456,97
22,92	1,58	95,78	416,66
22,94	1,56	111,87	393,87
22,96	1,53	127,96	381,02
22,98	1,52	140,13	365,24
23,00	1,51	155,35	381,02
23,02	1,50	170,57	437,69
23,04	1,50	165,78	472,74
23,06	1,54	142,31	607,11
23,08	1,58	136,65	551,02
23,10	1,52	132,74	544,60
23,12	1,50	118,39	520,06
23,14	1,52	117,53	536,42
23,16	1,53	122,74	601,27
23,18	1,56	114,05	576,15
23,20	1,56	109,70	468,65
23,22	1,50	127,96	506,04
23,24	1,48	118,39	560,96
23,26	1,48	109,26	552,19
23,28	1,44	111,00	601,27
23,30	1,47	103,18	637,49
23,32	1,50	97,09	629,31
23,34	1,52	92,74	648,00
23,36	1,57	88,83	673,12
23,38	1,63	89,70	649,76
23,40	1,66	92,74	613,54
23,42	1,69	103,61	611,20
23,44	1,70	113,61	586,66
23,46	1,68	118,39	514,22
23,48	1,65	124,92	435,94
23,50	1,54	141,44	425,42

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
23,52	1,50	147,96	451,12
23,54	1,41	143,18	453,46
23,56	1,35	144,92	494,94
23,58	1,32	135,35	549,86
23,60	1,33	120,57	604,77
23,62	1,36	97,09	653,26
23,64	1,47	81,87	667,87
23,66	1,56	82,74	655,01
23,68	1,51	70,13	642,16
23,70	1,53	69,70	700,58
23,72	1,59	72,31	682,47
23,74	1,59	80,13	656,18
23,76	1,64	85,35	580,23
23,78	1,64	96,22	494,36
23,80	1,65	111,87	475,08
23,82	1,69	127,96	501,37
23,84	1,75	135,35	463,39
23,86	1,75	142,74	420,75
23,88	1,68	156,65	391,54
23,90	1,62	167,96	366,42
23,92	1,56	176,65	379,27
23,94	1,56	174,04	393,87
23,96	1,56	172,74	400,30
23,98	1,56	183,61	445,28
24,00	1,58	184,91	459,89
24,02	1,62	180,57	453,46
24,04	1,64	178,39	448,21
24,06	1,66	175,35	530,00
24,08	1,69	183,17	518,31
24,10	1,78	173,61	460,47
24,12	1,82	184,91	413,15
24,14	1,81	199,26	409,65
24,16	1,81	200,57	416,66
24,18	1,78	192,74	405,56
24,20	1,71	187,96	388,03
24,22	1,65	175,78	423,67
24,24	1,65	159,70	487,93
24,26	1,69	144,04	538,76
24,28	1,71	134,48	520,65
24,30	1,68	128,83	476,24
24,32	1,68	125,35	419,58
24,34	1,58	135,35	452,88
24,36	1,50	126,22	487,93
24,38	1,43	115,78	509,55
24,40	1,41	106,21	580,23
24,42	1,40	93,61	639,82
24,44	1,36	83,17	625,80
24,46	1,32	71,00	612,37
24,48	1,31	63,17	648,00
24,50	1,31	56,65	667,28

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 1,10 ml

Prova **CPTU15**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
24,52	1,29	54,04	688,90
24,54	1,32	51,87	726,29
24,56	1,38	51,00	749,66
24,58	1,39	53,61	699,42
24,60	1,34	56,22	666,11
24,62	1,32	56,21	653,85
24,64	1,34	57,96	703,50
24,66	1,45	54,91	738,56
24,68	1,51	56,65	706,43
24,70	1,48	62,31	643,91
24,72	1,45	68,83	596,59
24,74	1,46	76,65	629,31
24,76	1,59	74,91	679,55
24,78	1,83	72,31	691,82
24,80	1,83	76,65	471,57
24,82	1,62	84,48	260,09
24,84	1,52	88,83	357,65
24,86	1,95	70,13	565,63
24,88	2,60	77,09	534,67
24,90	3,03	94,92	192,32
24,92	3,18	139,26	52,11
24,94	3,07	188,83	7,71
24,96	2,50	206,66	-5,73
24,98	2,06	182,74	0,11
25,00	1,69	178,83	20,56
25,02	1,51	182,74	146,17
25,04	1,47	157,53	269,44
25,06	2,00	210,14	241,39
25,08	1,93	182,31	194,07
25,10	2,14	168,40	333,70
25,12	2,65	156,22	431,26
25,14	2,97	166,66	271,77
25,16	2,83	183,18	70,80
25,18	2,28	182,75	25,23
25,20	1,87	182,31	11,80
25,22	1,51	195,36	61,45
25,24	1,41	177,96	218,61
25,26	1,43	164,05	347,72
25,28	1,43	161,88	447,03
25,30	1,46	148,83	527,66
25,32	1,47	136,66	590,75
25,34	1,48	103,18	630,48
25,36	1,47	67,09	618,79
25,38	1,40	67,09	615,29
25,40	1,38	64,92	647,42
25,42	1,38	59,27	685,98
25,44	1,41	55,79	714,60
25,46	1,45	52,74	719,28
25,48	1,43	51,01	676,05
25,50	1,35	53,61	627,56

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
25,52	1,33	53,18	667,28
25,54	1,33	53,18	693,57
25,56	1,33	51,88	714,02
25,58	1,35	50,57	728,63
25,60	1,36	50,57	737,39
25,62	1,40	54,05	716,94
25,64	1,41	59,27	711,10
25,66	1,45	60,57	726,87
25,68	1,48	62,31	768,35
25,70	1,59	61,01	778,28
25,72	1,68	64,92	762,51
25,74	1,71	70,14	714,60
25,76	1,72	77,09	627,56
25,78	1,71	91,01	573,22
25,80	1,72	104,05	546,94
25,82	1,76	119,27	498,44
25,84	1,82	138,40	454,05
25,86	1,88	158,83	417,24
25,88	1,90	181,01	403,22
25,90	1,90	194,92	383,36
25,92	1,88	205,79	376,34
25,94	1,87	215,36	372,26
25,96	1,88	220,14	364,08
25,98	1,88	228,40	369,33
26,00	1,89	226,22	383,36
26,02	1,88	228,40	385,11
26,04	1,87	234,05	388,03
26,06	1,88	249,70	499,61
26,08	1,92	252,31	425,42
26,10	1,92	257,53	401,47
26,12	1,96	259,27	339,54
26,14	1,98	266,66	299,81
26,16	2,00	271,88	250,74
26,18	2,01	277,53	233,80
26,20	2,05	278,83	182,39
26,22	2,10	281,44	151,43
26,24	2,07	288,40	143,83
26,26	2,12	296,66	127,47
26,28	2,12	303,18	102,94
26,30	2,12	311,00	106,44
26,32	2,13	313,61	109,36
26,34	2,14	322,31	103,52
26,36	2,16	321,00	107,61
26,38	2,19	322,74	104,69
26,40	2,24	327,09	102,94
26,42	2,23	327,52	95,92
26,44	2,26	326,65	85,41
26,46	2,26	336,21	70,80
26,48	2,24	341,43	58,54
26,50	2,18	353,17	57,95

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
26,52	2,14	359,26	66,13
26,54	2,07	357,08	71,39
26,56	2,06	348,39	69,05
26,58	1,98	344,04	70,80
26,60	1,93	330,56	78,40
26,62	1,88	314,90	94,76
26,64	1,87	290,99	101,18
26,66	1,81	283,60	101,77
26,68	1,74	275,34	98,85
26,70	1,65	268,81	105,27
26,72	1,61	252,29	137,40
26,74	1,58	238,81	197,00
26,76	1,58	213,59	272,36
26,78	1,65	180,99	347,72
26,80	1,87	171,86	511,89
26,82	2,09	144,03	586,66
26,84	2,29	117,51	482,09
26,86	2,40	128,38	334,28
26,88	2,41	159,25	275,28
26,90	2,42	190,98	287,55
26,92	2,40	215,33	295,73
26,94	2,37	240,55	284,04
26,96	2,34	277,07	278,20
26,98	2,30	300,98	274,11
27,00	2,29	309,68	250,16
27,02	2,28	306,64	194,66
27,04	2,00	276,21	503,70
27,06	2,16	310,56	431,85
27,08	2,10	311,43	386,86
27,10	2,04	307,52	354,73
27,12	1,97	305,34	339,54
27,14	1,89	295,34	355,90
27,16	1,83	274,47	374,59
27,18	1,78	256,21	407,89
27,20	1,75	238,82	437,69
27,22	1,80	212,73	445,87
27,24	1,80	200,56	449,96
27,26	1,80	192,30	467,48
27,28	1,82	189,69	489,68
27,30	1,88	189,69	515,39
27,32	1,99	188,82	507,79
27,34	2,01	201,86	426,59
27,36	2,01	209,69	386,86
27,38	2,00	220,99	371,67
27,40	2,00	227,08	372,84
27,42	2,00	229,69	365,24
27,44	2,00	240,12	369,33
27,46	2,00	251,42	378,10
27,48	2,05	248,82	363,49
27,50	2,04	255,77	367,00

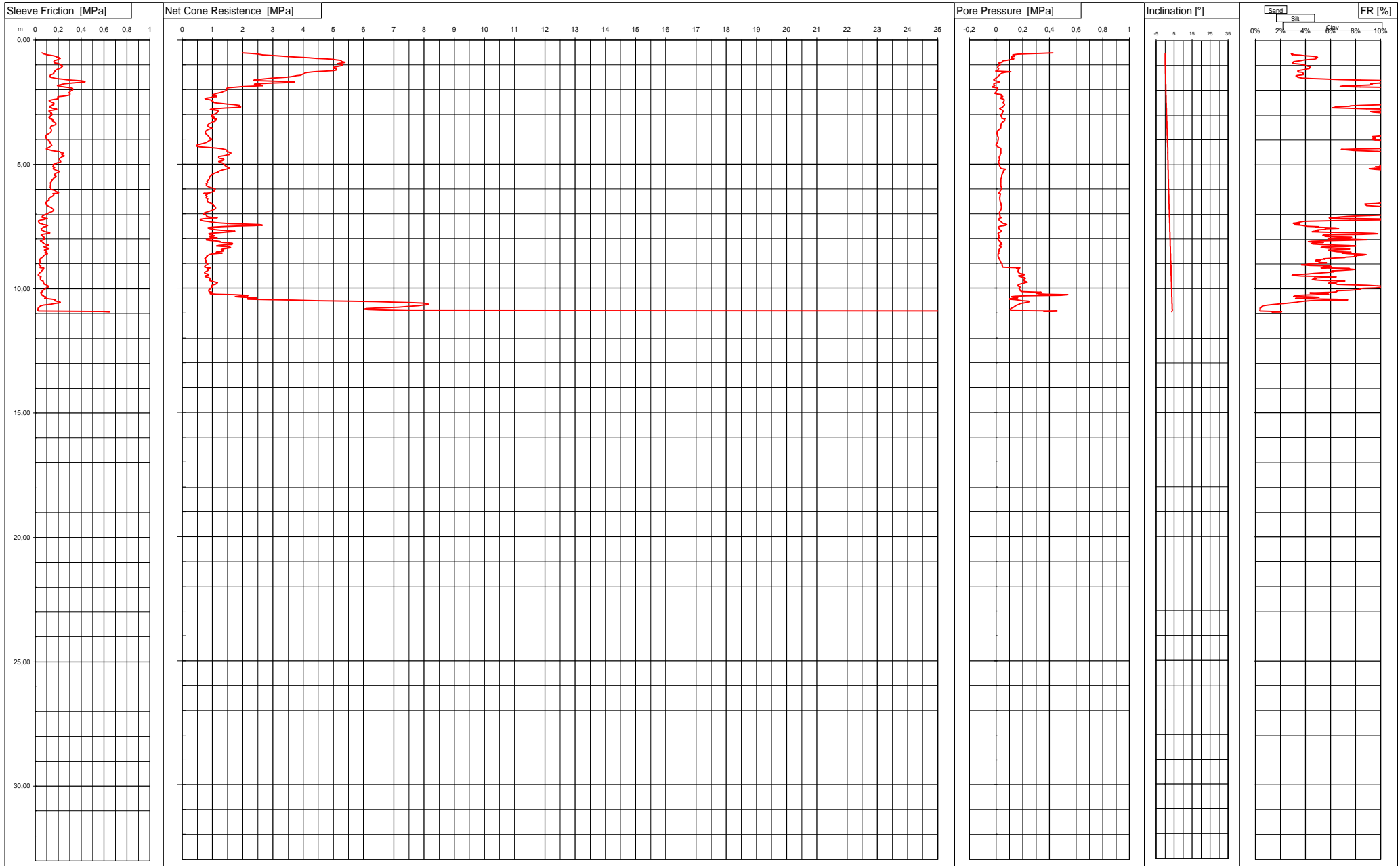




# MO-CPTU24

Committente AUTOSTRADA DEL BRENNERO  
 Località MODENA  
 Cantiere TERZA C  
 Operatore Dr. Stanzani  
 Prova nr. CPTU16 Cert. N.  
 Data Emesso il  
 Falda 4,60 ml  
 Preforo 0,50 m. p.c.


  
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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 4,60 ml

Prova **CPTU16**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
0,52	1,99	58,42	426,59
0,54	2,23	68,85	337,79
0,56	2,42	72,33	234,97
0,58	2,53	93,64	159,60
0,60	2,65	108,86	124,55
0,62	2,87	135,81	139,74
0,64	3,13	158,42	125,72
0,66	3,43	179,29	136,82
0,68	3,65	183,64	114,62
0,70	3,91	202,33	116,96
0,72	4,17	212,33	123,38
0,74	4,43	218,85	117,54
0,76	4,76	204,50	133,32
0,78	4,97	197,98	119,88
0,80	5,11	191,02	95,92
0,82	5,24	177,98	80,74
0,84	5,26	166,24	54,44
0,86	5,27	163,19	46,85
0,88	5,32	161,89	43,34
0,90	5,39	163,63	45,10
0,92	5,35	168,84	32,24
0,94	5,19	192,32	17,06
0,96	5,14	203,19	25,82
0,98	5,24	216,66	29,91
1,00	5,29	219,70	31,66
1,02	5,29	229,27	25,23
1,04	5,26	236,66	20,56
1,06	5,18	237,52	15,31
1,08	5,09	233,17	14,72
1,10	5,01	226,65	10,63
1,12	4,99	224,91	11,22
1,14	5,00	214,91	15,89
1,16	5,09	207,51	18,81
1,18	5,10	195,34	15,89
1,20	5,11	183,59	15,31
1,22	5,09	177,94	10,63
1,24	4,98	176,20	7,12
1,26	4,76	168,37	-2,81
1,28	4,36	170,51	109,95
1,30	4,23	167,03	75,48
1,32	4,11	160,07	56,20
1,34	4,06	161,38	43,93
1,36	4,03	161,81	38,09
1,38	3,99	150,94	32,83
1,40	3,96	136,59	27,57
1,42	3,91	130,94	24,07
1,44	3,78	129,63	18,81
1,46	3,71	128,76	15,31
1,48	3,58	128,76	12,38
1,50	3,44	133,11	8,88

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
1,52	3,23	151,37	3,62
1,54	3,00	173,54	-2,22
1,56	2,76	200,06	-5,73
1,58	2,62	240,06	-12,15
1,60	2,42	283,10	-18,00
1,62	2,37	333,97	-16,83
1,64	2,57	390,49	-9,23
1,66	3,03	421,36	6,54
1,68	3,56	435,27	22,90
1,70	3,72	409,18	23,48
1,72	3,47	358,31	12,38
1,74	2,97	298,74	-5,14
1,76	2,53	260,05	-16,83
1,78	2,39	238,74	-18,58
1,80	2,46	219,18	-16,83
1,82	2,60	197,43	-15,08
1,84	2,66	193,09	-9,82
1,86	2,36	214,82	-16,24
1,88	2,02	240,04	-23,84
1,90	1,77	265,25	-27,34
1,92	1,57	296,12	-5,73
1,94	1,48	324,38	13,55
1,96	1,47	327,42	11,80
1,98	1,46	326,99	9,46
2,00	1,47	327,86	8,29
2,02	1,47	325,25	6,54
2,04	1,45	315,68	4,79
2,06	1,41	307,85	3,03
2,08	1,36	304,81	0,70
2,10	1,33	300,46	-1,05
2,12	1,27	294,37	-3,39
2,14	1,21	298,28	-7,48
2,16	1,14	298,72	-10,40
2,18	1,08	303,50	8,88
2,20	1,03	300,45	35,17
2,22	1,00	295,23	42,18
2,24	1,03	271,76	41,59
2,26	1,08	252,19	37,50
2,28	1,14	196,55	50,36
2,30	1,02	197,41	42,76
2,32	0,92	197,41	37,50
2,34	0,80	197,85	31,08
2,36	0,75	199,59	36,92
2,38	0,79	182,63	54,44
2,40	0,88	156,11	60,29
2,42	0,95	129,59	61,45
2,44	0,98	121,33	60,87
2,46	0,99	123,50	59,12
2,48	1,02	132,63	57,95
2,50	1,02	142,63	53,86

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
2,52	1,06	150,89	52,69
2,54	1,15	163,07	55,03
2,56	1,31	161,77	59,12
2,58	1,49	164,81	62,04
2,60	1,69	153,50	63,79
2,62	1,78	146,55	62,63
2,64	1,89	153,51	60,87
2,66	1,87	128,72	55,03
2,68	1,87	126,12	51,53
2,70	1,94	126,98	50,94
2,72	1,75	139,16	44,52
2,74	1,43	139,16	33,42
2,76	1,23	163,51	25,82
2,78	1,02	187,42	28,74
2,80	0,93	187,42	35,17
2,82	1,02	153,94	43,93
2,84	1,14	130,90	48,60
2,86	1,19	120,03	51,53
2,88	1,19	123,51	53,28
2,90	1,17	128,73	49,77
2,92	1,17	142,20	48,60
2,94	1,14	139,60	49,19
2,96	1,12	134,81	45,68
2,98	1,09	146,99	41,59
3,00	1,05	147,42	39,84
3,02	1,03	143,08	37,50
3,04	0,98	135,25	36,33
3,06	1,00	130,90	38,67
3,08	0,97	136,55	38,09
3,10	0,99	126,99	40,43
3,12	1,06	118,29	43,34
3,14	1,04	125,25	44,52
3,16	0,99	126,12	41,59
3,18	1,12	142,66	67,89
3,20	1,12	147,01	60,87
3,22	1,08	157,01	62,63
3,24	1,10	149,62	64,38
3,26	1,10	149,18	62,63
3,28	1,07	155,27	57,95
3,30	1,00	166,57	50,36
3,32	0,98	170,92	45,68
3,34	0,94	176,14	42,18
3,36	0,88	180,05	39,84
3,38	0,88	178,75	38,67
3,40	0,87	175,70	36,92
3,42	0,84	171,79	36,92
3,44	0,84	154,84	37,50
3,46	0,84	142,66	36,33
3,48	0,86	135,27	35,17
3,50	0,87	133,53	33,42

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 4,60 ml

Prova **CPTU16**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
3,52	0,92	137,01	34,58
3,54	0,96	132,23	35,17
3,56	0,99	132,66	33,42
3,58	0,94	139,18	29,91
3,60	0,88	139,18	24,65
3,62	0,84	140,49	20,56
3,64	0,81	142,23	15,89
3,66	0,80	139,18	11,22
3,68	0,76	139,18	9,46
3,70	0,76	137,01	8,29
3,72	0,76	135,27	7,71
3,74	0,76	127,88	7,12
3,76	0,76	120,92	7,12
3,78	0,78	112,66	7,12
3,80	0,80	107,88	8,29
3,82	0,82	100,92	8,88
3,84	0,84	93,53	9,46
3,86	0,86	89,18	10,63
3,88	0,86	91,36	11,80
3,90	0,88	93,97	14,72
3,92	0,90	92,66	15,89
3,94	0,90	94,84	16,47
3,96	0,92	97,45	17,06
3,98	0,95	97,01	17,06
4,00	0,98	103,97	16,47
4,02	0,96	110,93	16,47
4,04	0,93	116,58	14,72
4,06	0,89	121,36	13,55
4,08	0,86	126,14	12,97
4,10	0,83	130,93	12,38
4,12	0,81	127,89	11,22
4,14	0,77	130,49	8,88
4,16	0,70	135,71	7,12
4,18	0,64	140,06	5,37
4,20	0,59	139,62	3,03
4,22	0,53	140,06	0,70
4,24	0,47	144,84	-0,47
4,26	0,47	136,61	8,29
4,28	0,49	131,83	8,88
4,30	0,57	125,74	11,80
4,32	0,78	117,91	17,64
4,34	0,97	108,35	25,82
4,36	1,14	100,52	33,42
4,38	1,31	96,61	35,75
4,40	1,37	107,91	35,17
4,42	1,44	122,70	35,17
4,44	1,48	141,39	35,17
4,46	1,51	162,26	35,17
4,48	1,50	188,78	36,33
4,50	1,48	216,17	36,33

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
4,52	1,55	220,09	36,33
4,54	1,60	228,78	35,17
4,56	1,62	247,04	36,33
4,58	1,60	239,22	35,75
4,60	1,55	230,52	32,24
4,62	1,56	232,70	30,49
4,64	1,49	240,09	31,08
4,66	1,39	253,57	28,74
4,68	1,30	248,78	26,99
4,70	1,21	233,13	24,07
4,72	1,20	229,65	22,90
4,74	1,20	217,48	22,32
4,76	1,21	216,17	22,32
4,78	1,29	209,65	24,65
4,80	1,37	209,65	25,23
4,82	1,38	212,69	25,23
4,84	1,37	211,82	24,65
4,86	1,33	216,60	22,32
4,88	1,29	221,39	19,39
4,90	1,20	224,00	18,22
4,92	1,23	209,21	19,39
4,94	1,29	189,65	20,56
4,96	1,33	186,17	21,73
4,98	1,37	173,56	23,48
5,00	1,38	159,65	24,07
5,02	1,41	155,30	24,07
5,04	1,41	160,08	24,65
5,06	1,42	159,65	25,82
5,08	1,45	153,99	27,57
5,10	1,47	160,95	29,33
5,12	1,48	170,52	31,66
5,14	1,54	161,39	34,00
5,16	1,57	157,04	34,58
5,18	1,54	162,26	34,00
5,20	1,45	161,40	70,22
5,22	1,37	175,75	66,13
5,24	1,33	181,40	60,29
5,26	1,26	196,62	55,61
5,28	1,22	211,84	55,61
5,30	1,20	208,79	55,03
5,32	1,20	197,92	54,44
5,34	1,13	188,79	52,11
5,36	1,08	180,10	50,94
5,38	1,06	174,01	48,02
5,40	1,01	169,66	45,10
5,42	0,98	166,62	43,34
5,44	0,97	166,18	42,18
5,46	0,96	171,84	41,59
5,48	0,94	182,27	41,59
5,50	0,92	180,53	41,59

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
5,52	0,91	177,92	40,43
5,54	0,91	167,06	39,84
5,56	0,91	160,97	39,26
5,58	0,89	156,62	37,50
5,60	0,89	154,88	37,50
5,62	0,88	146,62	36,33
5,64	0,86	147,06	36,33
5,66	0,85	146,19	35,75
5,68	0,84	141,40	35,17
5,70	0,82	141,40	35,17
5,72	0,82	137,06	35,17
5,74	0,84	133,14	35,17
5,76	0,83	131,84	35,17
5,78	0,82	131,84	35,17
5,80	0,79	135,75	34,58
5,82	0,82	134,45	35,17
5,84	0,80	131,84	35,17
5,86	0,80	133,14	35,17
5,88	0,82	133,58	35,75
5,90	0,85	132,27	36,92
5,92	0,88	129,66	38,09
5,94	0,92	130,53	40,43
5,96	1,00	135,75	42,18
5,98	1,07	135,32	41,59
6,00	1,09	136,62	40,43
6,02	1,09	147,49	38,67
6,04	1,08	161,84	35,75
6,06	1,04	174,01	33,42
6,08	1,06	178,80	31,66
6,10	1,04	186,19	29,91
6,12	1,00	197,49	26,99
6,14	0,95	204,01	25,23
6,16	0,91	197,49	22,90
6,18	0,71	152,28	17,64
6,20	0,85	162,29	33,42
6,22	0,83	162,29	32,24
6,24	0,78	161,42	30,49
6,26	0,78	154,47	28,74
6,28	0,78	151,86	28,74
6,30	0,83	141,86	28,74
6,32	0,81	137,07	28,74
6,34	0,80	127,94	26,99
6,36	0,78	126,21	26,40
6,38	0,83	121,42	27,57
6,40	0,85	117,51	28,16
6,42	0,84	121,42	28,16
6,44	0,83	124,03	29,33
6,46	0,83	114,03	29,91
6,48	0,83	103,16	29,91
6,50	0,84	99,25	31,08

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Committente AUTOSTRADA DEL BRENNERO

Località MODENA

Cantiere TERZA C

Data

Preforo 0.50 m. p.c. Falda 4,60 ml

Prova **CPTU16**

Cert. N.

Emesso il

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
6,52	0,85	94,03	31,08
6,54	0,85	94,90	32,24
6,56	0,90	96,64	34,58
6,58	0,96	91,86	35,75
6,60	0,98	94,03	37,50
6,62	0,99	95,77	37,50
6,64	1,02	99,68	37,50
6,66	1,02	106,64	37,50
6,68	1,05	115,34	39,26
6,70	1,08	123,60	40,43
6,72	1,09	130,12	40,43
6,74	1,10	137,95	40,43
6,76	1,10	146,21	39,26
6,78	1,10	150,12	38,67
6,80	1,09	155,34	38,09
6,82	1,07	161,43	36,92
6,84	1,03	160,12	36,33
6,86	0,98	154,91	34,00
6,88	0,95	152,30	32,24
6,90	0,91	144,91	29,91
6,92	0,83	137,08	27,57
6,94	0,79	122,73	25,82
6,96	0,74	114,04	24,65
6,98	0,71	108,82	24,65
7,00	0,69	98,82	25,23
7,02	0,73	86,65	27,57
7,04	0,78	77,52	28,16
7,06	0,81	70,99	29,33
7,08	0,80	63,17	28,16
7,10	0,81	60,12	29,33
7,12	0,86	58,39	31,66
7,14	0,96	60,13	34,00
7,16	1,16	84,05	38,67
7,18	0,92	106,66	26,99
7,20	0,70	90,14	20,56
7,22	0,61	73,18	18,81
7,24	0,60	48,83	20,56
7,26	0,62	36,22	22,90
7,28	0,66	27,10	26,40
7,30	0,73	27,97	31,08
7,32	0,87	31,01	36,33
7,34	0,99	33,62	39,84
7,36	1,11	34,49	45,10
7,38	1,28	41,88	47,44
7,40	1,62	59,27	56,78
7,42	2,14	68,40	72,56
7,44	2,56	95,79	78,98
7,46	2,65	109,27	74,89
7,48	2,37	101,45	60,29
7,50	1,81	96,23	36,92

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
7,52	1,38	69,71	24,65
7,54	0,99	67,54	16,47
7,56	0,85	60,58	16,47
7,58	0,85	50,14	17,64
7,60	0,93	54,93	22,32
7,62	1,03	54,06	26,40
7,64	1,09	55,36	29,33
7,66	1,21	64,06	32,83
7,68	1,50	72,75	39,26
7,70	1,74	82,32	42,76
7,72	1,71	104,06	39,26
7,74	1,39	125,80	29,33
7,76	1,22	127,54	21,15
7,78	1,00	108,84	15,31
7,80	0,88	82,32	14,13
7,82	0,92	56,23	16,47
7,84	0,91	51,45	16,47
7,86	0,97	60,15	18,81
7,88	1,06	62,32	22,32
7,90	1,03	67,10	20,56
7,92	0,91	75,36	17,06
7,94	0,93	76,67	18,81
7,96	1,10	73,62	24,65
7,98	1,17	71,89	25,23
8,00	1,03	81,89	19,98
8,02	0,86	84,06	15,89
8,04	0,80	67,54	14,72
8,06	0,80	52,75	15,89
8,08	0,94	44,49	21,15
8,10	1,16	51,02	29,91
8,12	1,24	59,28	31,08
8,14	1,21	69,71	28,16
8,16	1,36	65,80	32,83
8,18	1,57	73,63	39,26
8,20	1,67	80,58	38,67
8,22	1,55	90,15	31,66
8,24	1,65	114,51	43,93
8,26	1,42	115,38	34,00
8,28	1,22	105,81	26,40
8,30	1,13	85,38	24,07
8,32	1,33	75,38	31,66
8,34	1,54	85,38	38,09
8,36	1,60	98,85	36,33
8,38	1,55	117,55	33,42
8,40	1,47	119,29	28,74
8,42	1,37	102,33	25,82
8,44	1,29	80,16	22,90
8,46	1,30	82,76	21,15
8,48	1,37	90,16	24,65
8,50	1,36	94,94	24,07

H	Rp	Rl	U
[m]	[MPa]	[KPa]	[KPa]
8,52	1,24	102,33	19,98
8,54	1,13	92,33	17,64
8,56	1,12	82,76	17,06
8,58	1,32	105,81	24,07
8,60	1,17	106,68	19,39
8,62	0,99	95,81	14,13
8,64	0,89	83,20	14,13
8,66	0,88	75,37	14,72
8,68	0,85	72,76	14,72
8,70	0,81	71,03	15,31
8,72	0,82	64,07	17,06
8,74	0,81	62,33	18,22
8,76	0,80	54,07	19,39
8,78	0,77	44,50	20,56
8,80	0,75	44,07	21,73
8,82	0,76	39,29	23,48
8,84	0,76	38,42	25,82
8,86	0,76	41,89	27,57
8,88	0,79	39,72	29,91
8,90	0,79	42,33	31,08
8,92	0,79	42,33	32,83
8,94	0,79	43,63	34,58
8,96	0,76	45,81	35,17
8,98	0,79	40,59	38,09
9,00	0,82	36,68	41,01
9,02	0,85	35,81	44,52
9,04	0,85	32,33	46,27
9,06	0,82	37,55	45,68
9,08	0,76	48,42	44,52
9,10	0,77	44,07	46,85
9,12	0,75	48,42	47,44
9,14	0,74	44,51	49,19
9,16	0,75	41,46	51,53
9,18	0,93	74,95	179,47
9,20	0,87	71,04	163,11
9,22	0,82	70,60	154,34
9,24	0,85	69,73	167,78
9,26	0,86	62,34	170,70
9,28	0,85	54,95	165,44
9,30	0,83	54,95	164,28
9,32	0,80	53,21	164,86
9,34	0,76	45,82	166,61
9,36	0,74	40,60	166,61
9,38	0,74	36,25	170,70
9,40	0,75	32,34	177,13
9,42	0,82	27,99	194,66
9,44	0,87	26,69	215,11
9,46	0,87	26,25	210,43
9,48	0,83	31,47	183,56
9,50	0,76	43,21	167,78

