GEOINSIDE S.N.C. di Bagnara M., Prezzavento R. e Vannicola F.
Via Rovereto, 10
63100 Ascoli Piceno

Rifer. 17-04-02

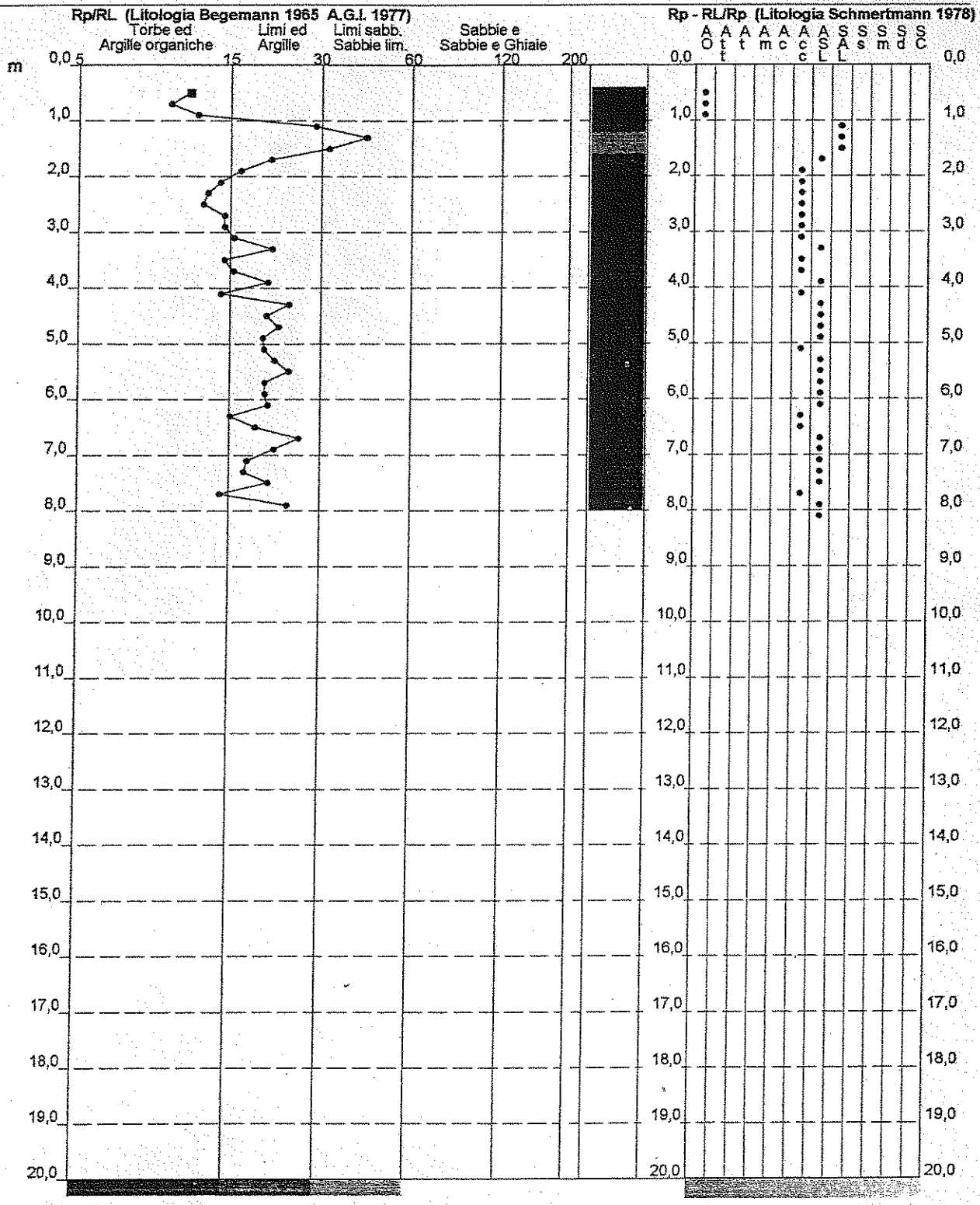
PROVA PENETROMETRICA STATICA
VALUTAZIONI LITOLOGICHE

CPT 1

2.01PG05-061

- committente : Studio S.A.G.I.
- lavoro : Prova penetrometrica
- località : Via Elba - S. Benedetto Tr. (AP)
- note :

- data : 17/04/2002
- quota inizio : -0,40 m da quota riferim.
- prof. falda : Falda non rilevata
- scala vert.: 1 : 100



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PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA

CPT 1

2.01PG05.061

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- data : 17/04/2002
- quota inizio : -0,40 m da quota riferim.
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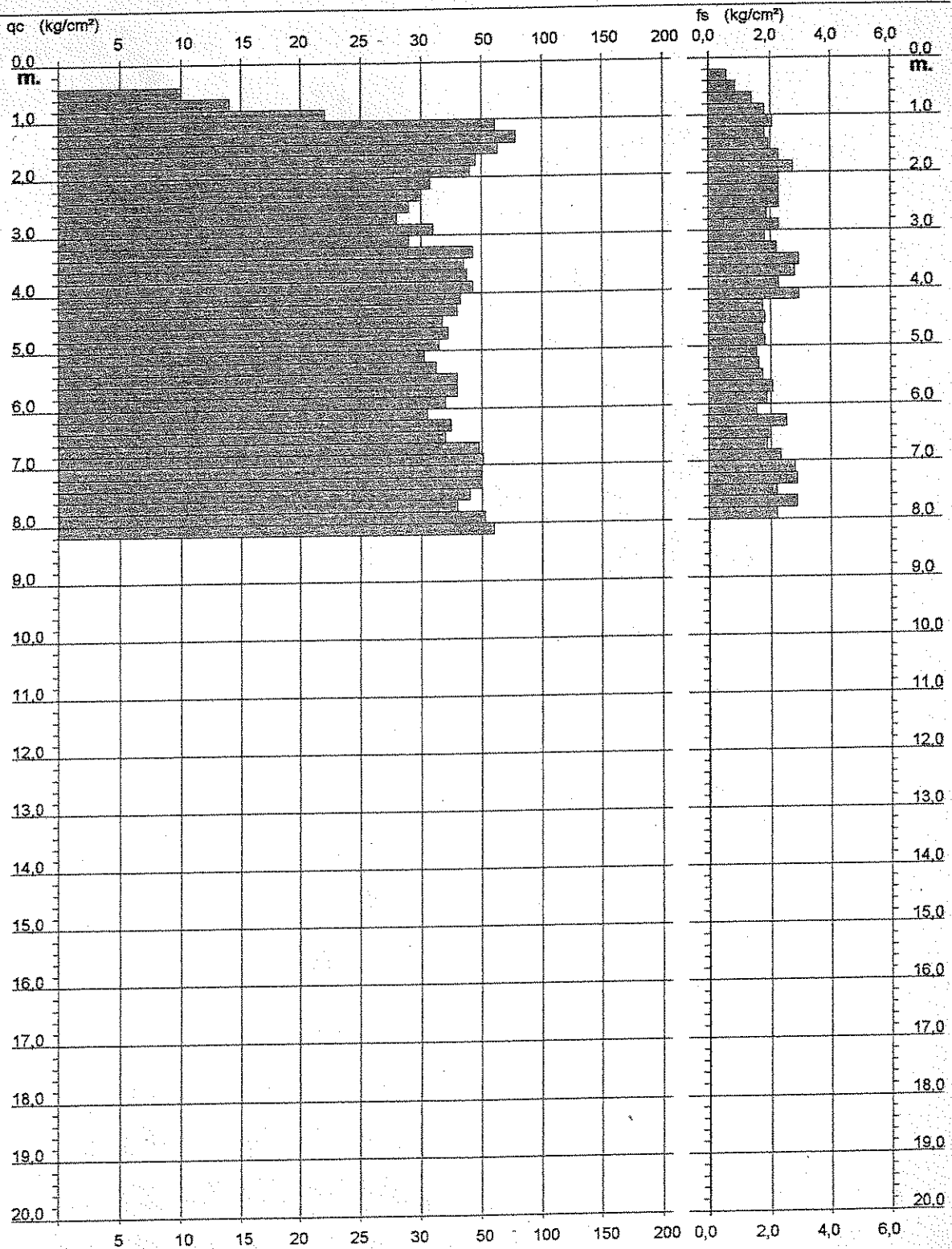
- scala vert.: 1 : 100



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PROVA PENETROMETRICA STATICA — CPT 1

LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

2.01PG05-061

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- lavoro : Prova penetrometrica
- località : Via Elba - S. Benedetto Tr. (AP)
- note :
- data : 17/04/2002
- quota inizio : -0,40 m da quota riferim.
- prof. falda : Falda non rilevata
- pagina : 1

Prof. m	Letture di campagna punta	laterale	qc	fs	qc/fs
			kg/cm²		
0,20	—	—	–	—	—
0,40	—	—	–	0,60	—
0,60	10,0	19,0	10,0	0,87	12,0
0,80	14,0	27,0	14,0	1,40	10,0
1,00	22,0	43,0	22,0	1,80	12,0
1,20	61,0	88,0	61,0	2,07	30,0
1,40	78,0	109,0	78,0	1,80	43,0
1,60	63,0	90,0	63,0	1,93	33,0
1,80	48,0	77,0	48,0	2,27	21,0
2,00	46,0	80,0	46,0	2,73	17,0
2,20	33,0	74,0	33,0	2,27	15,0
2,40	30,0	64,0	30,0	2,27	13,0
2,60	29,0	63,0	29,0	2,27	13,0
2,80	28,0	62,0	28,0	1,87	15,0
3,00	34,0	62,0	34,0	2,27	15,0
3,20	29,0	63,0	29,0	1,80	16,0
3,40	47,0	74,0	47,0	2,20	21,0
3,60	44,0	77,0	44,0	2,93	15,0
3,80	45,0	89,0	45,0	2,80	16,0
4,00	47,0	89,0	47,0	2,27	21,0
4,20	43,0	77,0	43,0	2,93	15,0
4,40	42,0	86,0	42,0	1,73	24,0
4,60	37,0	63,0	37,0	1,80	21,0
4,80	39,0	66,0	39,0	1,73	22,0
5,00	36,0	62,0	36,0	1,80	20,0
5,20	31,0	58,0	31,0	1,53	20,0
5,40	35,0	58,0	35,0	1,60	22,0
5,60	42,0	66,0	42,0	1,73	24,0
5,80	42,0	68,0	42,0	2,07	20,0
6,00	38,0	69,0	38,0	1,87	20,0
6,20	32,0	60,0	32,0	1,53	21,0
6,40	40,0	63,0	40,0	2,53	16,0
6,60	38,0	76,0	38,0	2,00	19,0
6,80	49,0	79,0	49,0	1,87	26,0
7,00	51,0	79,0	51,0	2,33	22,0
7,20	50,0	85,0	50,0	2,80	18,0
7,40	50,0	92,0	50,0	2,87	17,0
7,60	46,0	89,0	46,0	2,20	21,0
7,80	42,0	75,0	42,0	2,87	15,0
8,00	53,0	96,0	53,0	2,20	24,0
8,20	60,0	93,0	60,0	—	—

- 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 cm² - apertura 60°)
- manicotto laterale (superficie 150 cm²)

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PROVA PENETROMETRICA STATICA — CPT 1
TABELLA PARAMETRI GEOTECNICI

2.01PG05-061

- committente : Studio S.A.G.I.
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- pagina : 1

								NATURA COESIVA										NATURA GRANULARE										
Prof. m	qc kg/cm²	qc/fs (-)	Natura Litol.	γ' t/m³	σ'vo kg/cm²	Cu kg/cm²	OCR (-)	Eu50 kg/cm²	Eu25 kg/cm²	Mo kg/cm²	Dr %	ø1s (°)	ø2s (°)	ø3s (°)	ø4s (°)	ødm (°)	øm'y (°)	Amax/g (-)	E'50 kg/cm²	E'25 kg/cm²	Mo kg/cm²
0,20	–	–	???	1,85	0,04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0,40	–	–	???	1,85	0,07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
0,60	10	12	2////	1,85	0,11	0,50	41,2	85	128	40	–	–	–	–	–	–	–	–	–	–	–	–
0,80	14	10	2////	1,85	0,15	0,64	38,9	108	162	48	–	–	–	–	–	–	–	–	–	–	–	–
1,00	22	12	4/:/:	1,85	0,19	0,85	42,0	144	216	66	61	37	39	41	43	38	28	0,134	37	55	66
1,20	61	30	4/:/:	1,85	0,22	2,03	99,9	346	519	183	92	41	42	44	45	41	32	0,229	102	153	183
1,40	78	43	3::::	1,85	0,26	–	–	–	–	–	96	41	43	44	46	42	33	0,245	130	195	234
1,60	63	33	3::::	1,85	0,30	–	–	–	–	–	86	40	42	43	45	40	32	0,209	105	158	189
1,80	48	21	4/:/:	1,85	0,33	1,60	44,7	272	408	144	74	38	40	42	44	39	31	0,170	80	120	144
2,00	46	17	4/:/:	1,85	0,37	1,53	37,1	261	391	138	70	38	40	42	44	38	31	0,158	77	115	138
2,20	33	15	4/:/:	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	30	13	4/:/:	1,85	0,44	1,00	17,3	170	255	90	50	35	37	40	42	35	29	0,105	50	75	90
2,60	29	13	4/:/:	1,85	0,48	0,98	15,3	167	251	87	47	35	37	39	42	34	29	0,097	48	73	87
2,80	28	15	4/:/:	1,85	0,52	0,97	13,7	164	246	84	44	34	37	39	42	34	28	0,090	47	70	84
3,00	34	15	4/:/:	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	29	16	4/:/:	1,85	0,59	0,98	11,8	167	251	87	42	34	36	39	41	33	29	0,085	48	73	87
3,40	47	21	4/:/:	1,85	0,63	1,57	19,6	266	400	141	57	36	38	40	43	35	31	0,123	78	118	141
3,60	44	15	4/:/:	1,85	0,67	1,47	16,8	249	374	132	54	36	38	40	42	35	31	0,113	73	110	132
3,80	45	16	4/:/:	1,85	0,70	1,50	16,2	255	383	135	53	35	38	40	42	34	31	0,112	75	113	135
4,00	47	21	4/:/:	1,85	0,74	1,57	16,0	266	400	141	53	35	38	40	42	34	31	0,113	78	118	141
4,20	43	15	4/:/:	1,85	0,78	1,43	13,5	244	366	129	49	35	37	39	42	34	30	0,102	72	108	129
4,40	42	24	4/:/:	1,85	0,81	1,40	12,4	238	357	126	47	35	37	39	42	33	30	0,097	70	105	126
4,60	37	21	4/:/:	1,85	0,85	1,23	10,0	210	315	111	42	34	36	39	41	32	30	0,084	62	93	111
4,80	39	22	4/:/:	1,85	0,89	1,30	10,1	221	332	117	43	34	36	39	41	32	30	0,086	65	98	117
5,00	36	20	4/:/:	1,85	0,93	1,20	8,7	219	329	108	39	33	36	38	41	32	30	0,077	60	90	108
5,20	31	20	4/:/:	1,85	0,96	1,03	6,9	243	365	93	33	33	35	38	41	31	29	0,063	52	78	93
5,40	35	22	4/:/:	1,85	1,00	1,17	7,6	243	365	105	36	33	36	38	41	31	29	0,071	58	88	105
5,60	42	24	4/:/:	1,85	1,04	1,40	9,1	246	369	126	41	34	36	39	41	32	30	0,083	70	105	126
5,80	42	20	4/:/:	1,85	1,07	1,40	8,8	254	381	126	40	34	36	39	41	32	30	0,081	70	105	126
6,00	38	20	4/:/:	1,85	1,11	1,27	7,4	273	409	114	36	33	36	38	41	31	30	0,071	63	95	114
6,20	32	21	4/:/:	1,85	1,15	1,07	5,7	308	461	96	29	32	35	37	40	30	29	0,057	53	80	96
6,40	40	16	4/:/:	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	38	19	4/:/:	1,85	1,22	1,27	6,6	313	470	114	34	33	35	38	41	30	30	0,066	63	95	114
6,80	49	26	4/:/:	1,85	1,26	1,63	8,7	298	447	147	42	34	36	39	41	32	31	0,084	82	123	147
7,00	51	22	4/:/:	1,85	1,30	1,70	8,8	307	460	153	43	34	36	39	41	32	31	0,086	85	128	153
7,20	50	18	4/:/:	1,85	1,33	1,67	8,3	317	476	150	41	34	36	39	41	32	31	0,082	83	125	150
7,40	50	17	4/:/:	1,85	1,37	1,67	8,0	328	493	150	41	34	36	39	41	31	31	0,081	83	125	150
7,60	46	21	4/:/:	1,85	1,41	1,53	7,0	353	529	138	37	33	36	38	41	31	31	0,073	77	115	138
7,80	42	15	4/:/:	1,85	1,44	1,40	6,0	381	572	126	33	33	35	38	41	30	30	0,065	70	105	126
8,00	53	24	4/:/:	1,85	1,48	1,77	7,8	357	536	159	41	34	36	39	41	31	31	0,081	88	133	159
8,20	60	–	3::::	1,85	1,52	–	–	–	–	–	44	34	37	39	42	32	32	0,090	100	150	180