

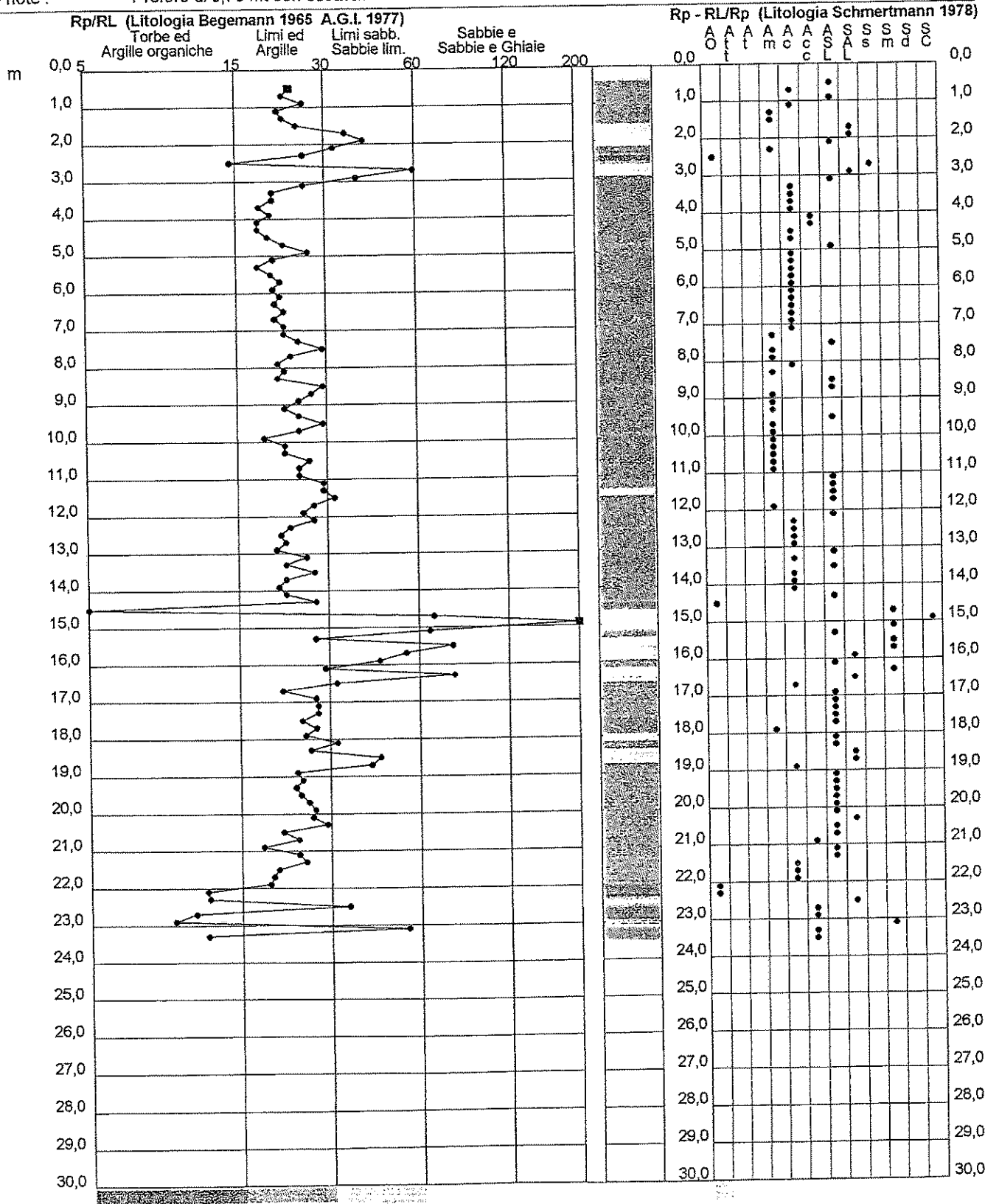
PROVA PENETROMETRICA STATICA VALUTAZIONI LITOLOGICHE

CPT 1

2.010496-253

- committente : Geologo Mancini Gianni
 - lavoro : Capannone Via val Tiberina
 - località : Porto d' Ascoli (AP)
 - note : Preforo di 0,70 mt con escavatore

- data : 27/09/2007
 - quota inizio : -0,70 da piano Campagna
 - prof. falda : -0,50 m da quota inizio
 - scala vert. : 1 : 150



PROVA PENETROMETRICA STATICA
TABELLA PARAMETRI GEOTECNICI

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- pagina : 2

Prof. m	Rp kg/cm ²	Rp/Rl (-)	Natura Litol.	Y t/m ³	pVo kg/cm ²	Cu kg/cm ²	OCR (-)	NATURA COESIVA			NATURA GRANULARE										
								Eu50 kg/cm ²	Eu25 kg/cm ²	Mo kg/cm ²	Dr %	σ1s (°)	σ2s (°)	σ3s (°)	σ4s (°)	σdm (°)	σmy (°)	Amax/g (-)	E'50 kg/cm ²	E'25 kg/cm ²	Mo kg/cm ²
20,20	27	27	4/f	0,95	1,90	0,95	2,8	494	741	81	11	30	33	36	39	26	28	0,023	45	68	81
20,40	36	30	4/f	0,99	1,92	1,20	3,5	541	812	108	21	31	34	37	40	28	30	0,040	60	90	108
20,60	36	22	4/f	0,99	1,94	1,20	3,4	546	820	108	21	31	34	37	40	28	30	0,039	60	90	108
20,80	37	24	4/f	0,99	1,96	1,23	3,5	553	829	111	21	31	34	37	40	28	30	0,041	62	93	111
21,00	26	19	4/f	0,95	1,98	0,93	2,4	496	744	78	9	29	32	35	39	26	28	0,019	43	65	78
21,20	21	24	4/f	0,93	2,00	0,82	2,1	458	687	63	1	28	31	35	38	25	27	0,004	35	53	63
21,40	17	25	2/III	0,97	2,02	0,72	1,7	414	622	54	-	-	-	-	-	-	-	-	-	-	-
21,60	18	21	2/III	0,98	2,04	0,75	1,8	428	641	56	-	-	-	-	-	-	-	-	-	-	-
21,80	16	20	2/III	0,96	2,06	0,70	1,6	402	603	52	-	-	-	-	-	-	-	-	-	-	-
22,00	13	19	2/III	0,93	2,07	0,60	1,3	356	534	47	-	-	-	-	-	-	-	-	-	-	-
22,20	12	12	2/III	0,92	2,09	0,57	1,2	339	508	45	-	-	-	-	-	-	-	-	-	-	-
22,40	13	12	2/III	0,93	2,11	0,60	1,3	357	535	47	-	-	-	-	-	-	-	-	-	-	-
22,60	54	35	3/...	0,92	2,13	-	-	-	-	-	32	33	35	38	41	29	31	0,063	90	135	162
22,80	54	11	4/f	1,01	2,15	1,80	5,0	593	889	162	32	32	35	38	41	29	31	0,062	90	135	162
23,00	80	9	4/f	1,03	2,17	2,67	8,1	519	779	240	45	34	37	39	42	31	33	0,093	133	200	240
23,20	99	55	3/...	1,00	2,19	-	-	-	-	-	53	35	38	40	42	33	34	0,110	165	248	297
23,40	85	12	4/f	1,04	2,21	-	-	-	-	-	47	35	37	39	42	32	33	0,097	142	213	255
23,60	85	-	3/...	0,98	2,23	-	-	-	-	-	47	35	37	39	42	32	33	0,096	142	213	255

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

CPT 1

2.010496-253

- committente : Geologo Mancini Gianni - data : 27/09/2007
 - lavoro : Capannone Via val Tiberina - quota inizio : -0,70 da Piano Campagna
 - località : Porto d' Ascoli (AP) - prof. falda : -0,50 m da quota inizio
 - note : Preforo di 0,70 mt con escavatore - pagina : 1

prf	LP	LL	Rp	RL	Rp/RI	prf	LP	LL	Rp	RL	Rp/RI
m	Kg/cm ²	Kg/cm ²	Kg/cm ²	Kg/cm ²	-	m	Kg/cm ²	Kg/cm ²	Kg/cm ²	Kg/cm ²	-
0,20	---	---	---	---	---	10,20	9,0	16,0	9,0	0,40	22,0
0,40	---	---	---	0,47	---	10,40	9,0	15,0	9,0	0,40	22,0
0,60	19,0	26,0	19,0	0,80	24,0	10,60	9,0	15,0	9,0	0,33	27,0
0,80	15,0	27,0	15,0	0,67	22,0	10,80	10,0	15,0	10,0	0,40	25,0
1,00	14,0	24,0	14,0	0,53	26,0	11,00	10,0	16,0	10,0	0,40	25,0
1,20	13,0	21,0	13,0	0,60	22,0	11,20	12,0	18,0	12,0	0,40	30,0
1,40	9,0	18,0	9,0	0,40	22,0	11,40	12,0	18,0	12,0	0,40	30,0
1,60	10,0	16,0	10,0	0,40	25,0	11,60	13,0	19,0	13,0	0,40	32,0
1,80	12,0	18,0	12,0	0,33	36,0	11,80	13,0	19,0	13,0	0,47	28,0
2,00	11,0	16,0	11,0	0,27	41,0	12,00	12,0	19,0	12,0	0,47	26,0
2,20	11,0	15,0	11,0	0,33	33,0	12,20	13,0	20,0	13,0	0,47	28,0
2,40	7,0	12,0	7,0	0,27	26,0	12,40	14,0	21,0	14,0	0,60	23,0
2,60	8,0	12,0	8,0	0,53	15,0	12,60	13,0	22,0	13,0	0,60	22,0
2,80	12,0	20,0	12,0	0,20	60,0	12,80	12,0	21,0	12,0	0,53	22,0
3,00	13,0	16,0	13,0	0,33	39,0	13,00	14,0	22,0	14,0	0,67	21,0
3,20	14,0	19,0	14,0	0,53	26,0	13,20	14,0	24,0	14,0	0,53	26,0
3,40	18,0	26,0	18,0	0,87	21,0	13,40	12,0	20,0	12,0	0,53	22,0
3,60	18,0	31,0	18,0	0,87	21,0	13,60	13,0	21,0	13,0	0,47	28,0
3,80	15,0	28,0	15,0	0,80	19,0	13,80	15,0	22,0	15,0	0,67	22,0
4,00	19,0	31,0	19,0	0,93	20,0	14,00	17,0	27,0	17,0	0,80	21,0
4,20	21,0	35,0	21,0	1,13	19,0	14,20	15,0	27,0	15,0	0,67	22,0
4,40	21,0	38,0	21,0	1,13	19,0	14,40	15,0	25,0	15,0	0,53	28,0
4,60	16,0	33,0	16,0	0,80	20,0	14,60	12,0	20,0	12,0	2,60	5,0
4,80	18,0	30,0	18,0	0,80	22,0	14,80	77,0	116,0	77,0	1,13	68,0
5,00	18,0	30,0	18,0	0,67	27,0	15,00	83,0	100,0	83,0	0,33	249,0
5,20	18,0	28,0	18,0	0,87	21,0	15,20	57,0	62,0	57,0	0,87	66,0
5,40	16,0	29,0	16,0	0,87	18,0	15,40	41,0	54,0	41,0	1,47	28,0
5,60	15,0	28,0	15,0	0,73	20,0	15,60	26,0	48,0	26,0	0,33	78,0
5,80	19,0	30,0	19,0	0,87	22,0	15,80	22,0	27,0	22,0	0,40	55,0
6,00	18,0	31,0	18,0	0,87	21,0	16,00	24,0	30,0	24,0	0,53	45,0
6,20	16,0	29,0	16,0	0,73	22,0	16,20	22,0	30,0	22,0	0,73	30,0
6,40	14,0	25,0	14,0	0,67	21,0	16,40	42,0	53,0	42,0	0,53	79,0
6,60	15,0	25,0	15,0	0,67	22,0	16,60	26,0	34,0	26,0	0,80	32,0
6,80	14,0	24,0	14,0	0,67	21,0	16,80	13,0	25,0	13,0	0,60	22,0
7,00	12,0	22,0	12,0	0,53	22,0	17,00	13,0	22,0	13,0	0,47	28,0
7,20	12,0	20,0	12,0	0,53	22,0	17,20	17,0	24,0	17,0	0,60	28,0
7,40	10,0	18,0	10,0	0,40	25,0	17,40	17,0	26,0	17,0	0,60	28,0
7,60	10,0	16,0	10,0	0,33	30,0	17,60	15,0	24,0	15,0	0,60	25,0
7,80	11,0	16,0	11,0	0,47	24,0	17,80	13,0	22,0	13,0	0,47	28,0
8,00	10,0	17,0	10,0	0,47	21,0	18,00	12,0	19,0	12,0	0,47	26,0
8,20	12,0	19,0	12,0	0,53	22,0	18,20	13,0	20,0	13,0	0,40	32,0
8,40	10,0	18,0	10,0	0,47	21,0	18,40	16,0	22,0	16,0	0,60	27,0
8,60	10,0	17,0	10,0	0,33	30,0	18,60	12,0	21,0	12,0	0,27	45,0
8,80	11,0	16,0	11,0	0,40	27,0	18,80	14,0	18,0	14,0	0,33	42,0
9,00	10,0	16,0	10,0	0,40	25,0	19,00	16,0	21,0	16,0	0,67	24,0
9,20	9,0	15,0	9,0	0,40	22,0	19,20	15,0	25,0	15,0	0,60	25,0
9,40	10,0	16,0	10,0	0,40	25,0	19,40	19,0	28,0	19,0	0,80	24,0
9,60	10,0	16,0	10,0	0,33	30,0	19,60	23,0	35,0	23,0	0,93	25,0
9,80	10,0	15,0	10,0	0,40	25,0	19,80	21,0	35,0	21,0	0,80	26,0
10,00	9,0	15,0	9,0	0,47	19,0	20,00	22,0	34,0	22,0	0,80	27,0

- PENETROMETRO STATICO tipo da 20 t - (con anello allargatore) -
 - 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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prf	LP	LL	Rp	RL	Rp/RI	prf	LP	LL	Rp	RL	Rp/RI
m	Kg/cm ²	Kg/cm ²	Kg/cm ²	Kg/cm ²	-	m	Kg/cm ²	Kg/cm ²	Kg/cm ²	Kg/cm ²	-
20,20	27,0	39,0	27,0	1,00	27,0	22,00	13,0	25,0	13,0	0,67	19,0
20,40	36,0	51,0	36,0	1,20	30,0	22,20	12,0	22,0	12,0	1,00	12,0
20,60	36,0	54,0	36,0	1,67	22,0	22,40	13,0	28,0	13,0	1,07	12,0
20,80	37,0	62,0	37,0	1,53	24,0	22,60	54,0	70,0	54,0	1,53	35,0
21,00	26,0	49,0	26,0	1,40	19,0	22,80	54,0	77,0	54,0	4,93	11,0
21,20	21,0	42,0	21,0	0,87	24,0	23,00	80,0	154,0	80,0	8,53	9,0
21,40	17,0	30,0	17,0	0,67	25,0	23,20	99,0	227,0	99,0	1,80	55,0
21,60	18,0	28,0	18,0	0,87	21,0	23,40	85,0	112,0	85,0	7,07	12,0
21,80	16,0	29,0	16,0	0,80	20,0	23,60	85,0	191,0	85,0	---	---

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- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s
- punta meccanica tipo Begemann $\varnothing = 35.7$ mm (area punta 10 cm² - apertura 60°)
- manicotto laterale (superficie 150 cm²)