



Foto n°1: Sondaggio. Zolle n°1-10 (profondità 0,25-16,5 m).

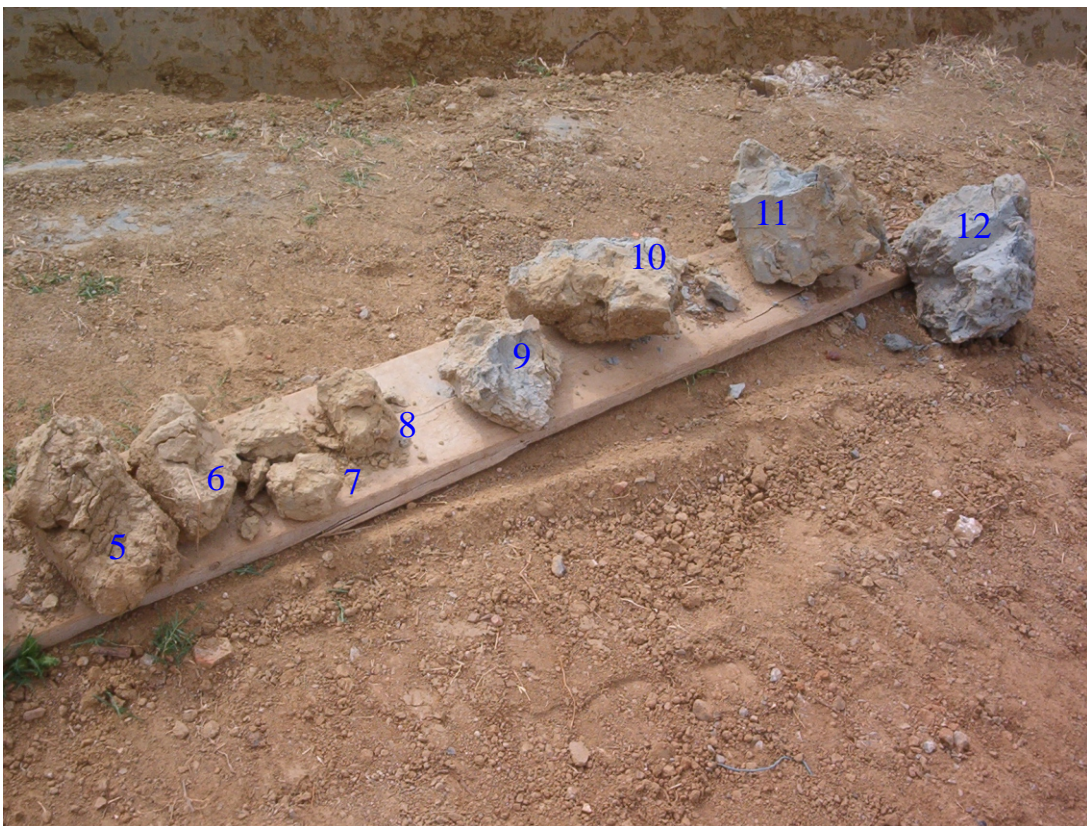


Foto n°2: Sondaggio. Zolle n°5-12 (profondità 7,5-18 m).

PROVA PENETROMETRICA STATICA

LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 1

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
- lavoro : Costruzione cantina
- località : Montepulciano Stazione (SI)
- note : Comm. Azienda Agricola POLIZIANO

- data : 19/08/2003
- quota inizio : Piano campagna
- prof. falda : 1,85 m da quota inizio
- pagina : 1

prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -	prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -
0,20	----	----	--	3,93	----	4,00	89,0	165,0	89,0	4,73	19,0
0,40	60,0	119,0	60,0	4,67	13,0	4,20	124,0	195,0	124,0	3,60	34,0
0,60	66,0	136,0	66,0	5,40	12,0	4,40	234,0	288,0	234,0	8,13	29,0
0,80	65,0	146,0	65,0	5,87	11,0	4,60	160,0	282,0	160,0	16,13	10,0
1,00	78,0	166,0	78,0	4,53	17,0	4,80	146,0	388,0	146,0	10,67	14,0
1,20	76,0	144,0	76,0	3,73	20,0	5,00	155,0	315,0	155,0	11,07	14,0
1,40	81,0	137,0	81,0	4,27	19,0	5,20	139,0	305,0	139,0	11,20	12,0
1,60	99,0	163,0	99,0	3,80	26,0	5,40	155,0	323,0	155,0	6,20	25,0
1,80	111,0	168,0	111,0	3,73	30,0	5,60	139,0	232,0	139,0	12,33	11,0
2,00	116,0	172,0	116,0	5,27	22,0	5,80	106,0	291,0	106,0	8,73	12,0
2,20	89,0	168,0	89,0	9,73	9,0	6,00	125,0	256,0	125,0	5,27	24,0
2,40	94,0	240,0	94,0	1,67	56,0	6,20	140,0	219,0	140,0	7,80	18,0
2,60	123,0	148,0	123,0	5,13	24,0	6,40	109,0	226,0	109,0	5,60	19,0
2,80	70,0	147,0	70,0	3,80	18,0	6,60	100,0	184,0	100,0	5,33	19,0
3,00	70,0	127,0	70,0	2,07	34,0	6,80	105,0	185,0	105,0	4,87	22,0
3,20	117,0	148,0	117,0	4,67	25,0	7,00	115,0	188,0	115,0	6,20	19,0
3,40	66,0	136,0	66,0	1,07	62,0	7,20	206,0	299,0	206,0	10,73	19,0
3,60	173,0	189,0	173,0	5,93	29,0	7,40	190,0	351,0	190,0	19,53	10,0
3,80	95,0	184,0	95,0	5,07	19,0	7,60	193,0	486,0	193,0	----	----

TECNA - AREZZO

Dr. GIULIANO MORETTI
P.I. ALESSANDRO GORINI
Dr. MARCO PATRIGNANI



- PENETROMETRO STATICO tipo GOUDA da 20 t - (con anello allargatore) -
- COSTANTE DI TRASFORMAZIONE Ct = 10 - Velocità Avanzamento punta 2 cm/s
- punta meccanica tipo Begemann $\phi = 35.7$ mm (area punta 10 cm² - apertura 60°)
- manicotto laterale (superficie 150 cm²)

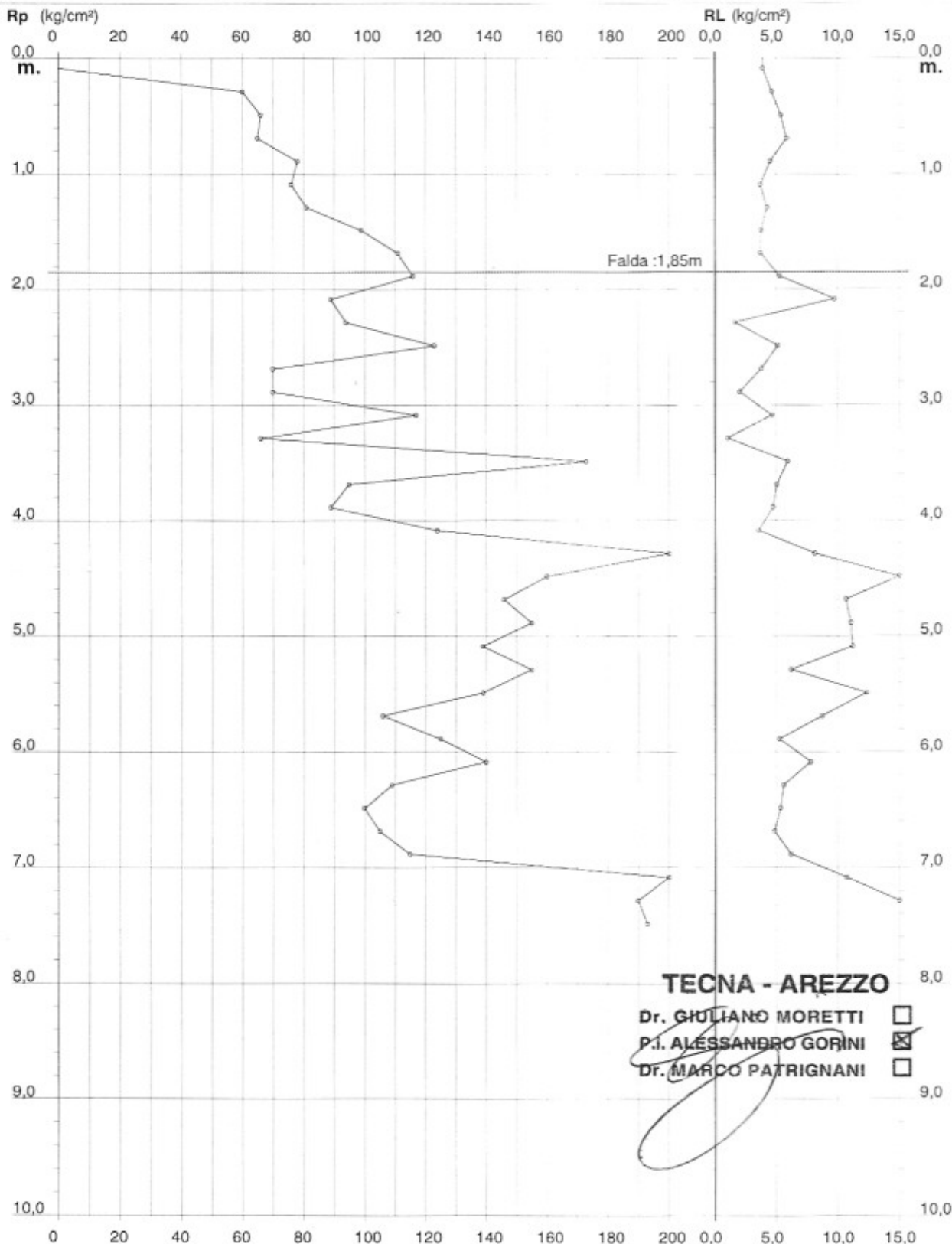
**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA**

CPT 1

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
- lavoro : Costruzione cantina
- località : Montepulciano Stazione (SI)
- note : Comm. Azienda Agricola POLIZIANO

- data : 19/08/2003
- quota inizio : Piano campagna
- prof. falda : 1,85 m da quota inizio
- scala vert.: 1 : 50



TECNA - AREZZO

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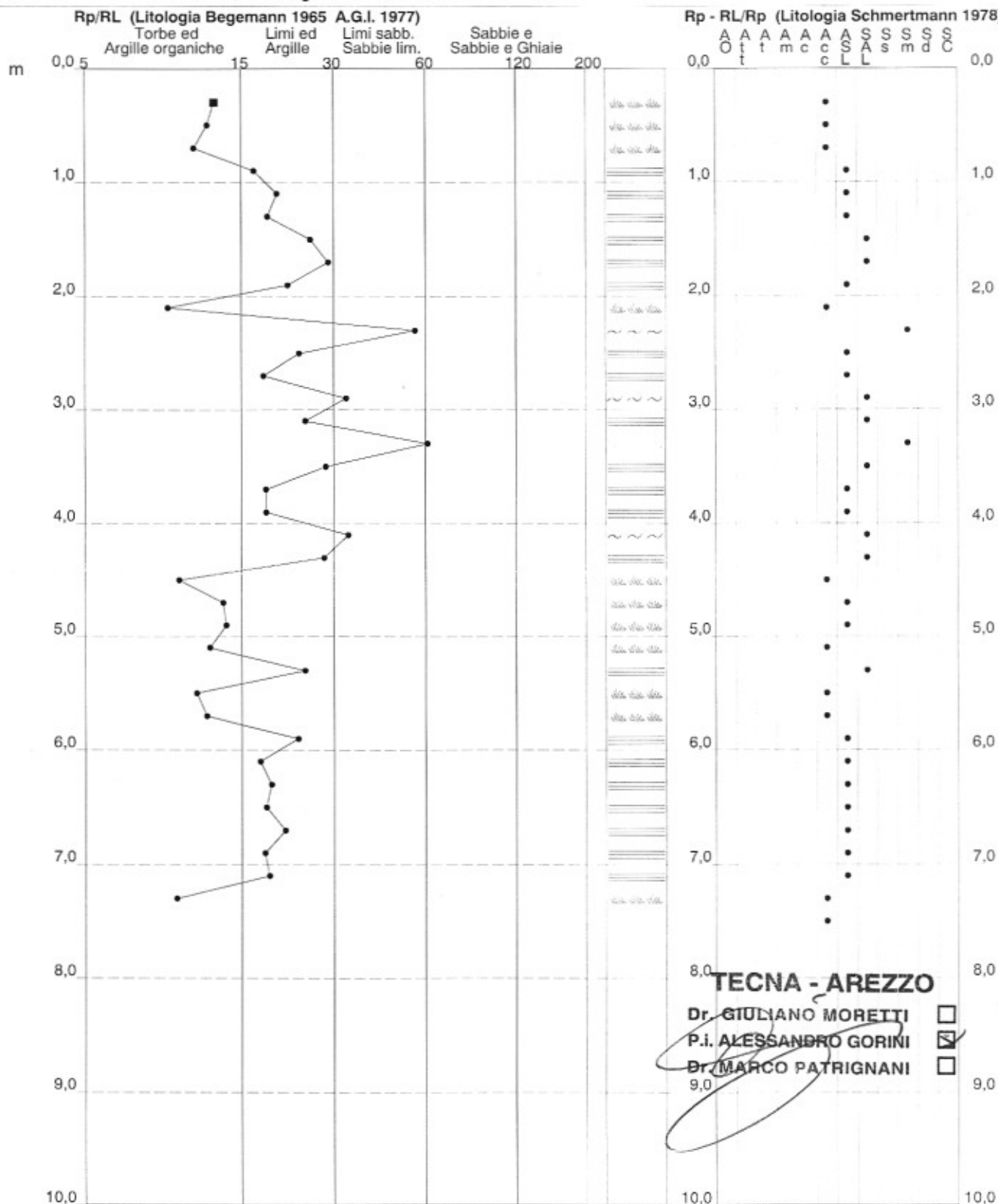
PROVA PENETROMETRICA STATICA VALUTAZIONI LITOLOGICHE

CPT 1

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
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PROVA PENETROMETRICA STATICA

LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 2

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
- lavoro : Costruzione cantina
- località : Montepulciano Stazione (SI)
- note : Comm. Azienda Agricola POLIZIANO

- data : 19/08/2003
- quota inizio : Piano campagna
- prof. falda : 3,10 m da quota inizio
- pagina : 1

prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -	prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -
0,20	----	----	--	2,80	----	4,40	63,0	97,0	63,0	3,20	20,0
0,40	22,0	64,0	22,0	1,40	16,0	4,60	108,0	156,0	108,0	1,87	58,0
0,60	16,0	37,0	16,0	0,53	30,0	4,80	199,0	227,0	199,0	9,40	21,0
0,80	9,0	17,0	9,0	0,27	34,0	5,00	166,0	307,0	166,0	12,80	13,0
1,00	8,0	12,0	8,0	0,20	40,0	5,20	121,0	313,0	121,0	11,60	10,0
1,20	8,0	11,0	8,0	0,33	24,0	5,40	115,0	289,0	115,0	8,20	14,0
1,40	6,0	11,0	6,0	0,27	22,0	5,60	112,0	235,0	112,0	8,33	13,0
1,60	7,0	11,0	7,0	3,00	2,0	5,80	127,0	252,0	127,0	7,47	17,0
1,80	10,0	55,0	10,0	0,67	15,0	6,00	126,0	238,0	126,0	10,20	12,0
2,00	38,0	48,0	38,0	1,47	26,0	6,20	133,0	286,0	133,0	9,60	14,0
2,20	14,0	36,0	14,0	0,33	42,0	6,40	94,0	238,0	94,0	4,20	22,0
2,40	16,0	21,0	16,0	0,40	40,0	6,60	81,0	144,0	81,0	3,67	22,0
2,60	17,0	23,0	17,0	0,80	21,0	6,80	60,0	115,0	60,0	3,27	18,0
2,80	16,0	28,0	16,0	0,73	22,0	7,00	106,0	155,0	106,0	5,80	18,0
3,00	23,0	34,0	23,0	1,60	14,0	7,20	112,0	199,0	112,0	6,07	18,0
3,20	43,0	67,0	43,0	2,13	20,0	7,40	104,0	195,0	104,0	5,27	20,0
3,40	46,0	78,0	46,0	1,53	30,0	7,60	109,0	188,0	109,0	5,87	19,0
3,60	51,0	74,0	51,0	3,07	17,0	7,80	139,0	227,0	139,0	6,27	22,0
3,80	33,0	79,0	33,0	0,80	41,0	8,00	155,0	249,0	155,0	10,60	15,0
4,00	56,0	68,0	56,0	2,47	23,0	8,20	189,0	348,0	189,0	9,40	20,0
4,20	59,0	96,0	59,0	2,27	26,0	8,40	248,0	389,0	248,0	----	----

TECNA - AREZZO

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

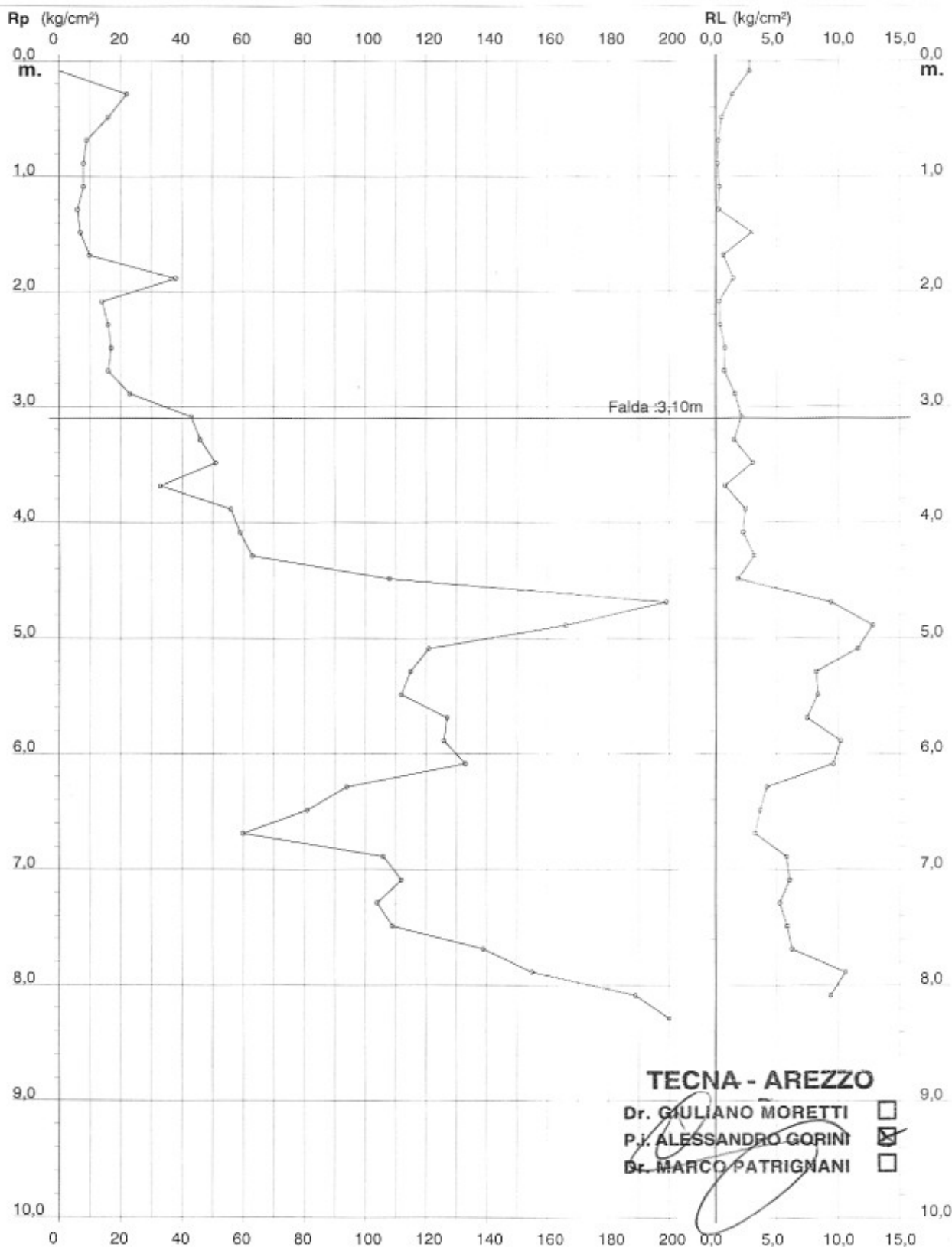
**PROVA PENETROMETRICA STATICA
 DIAGRAMMA DI RESISTENZA**

CPT 2

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
 - lavoro : Costruzione cantina
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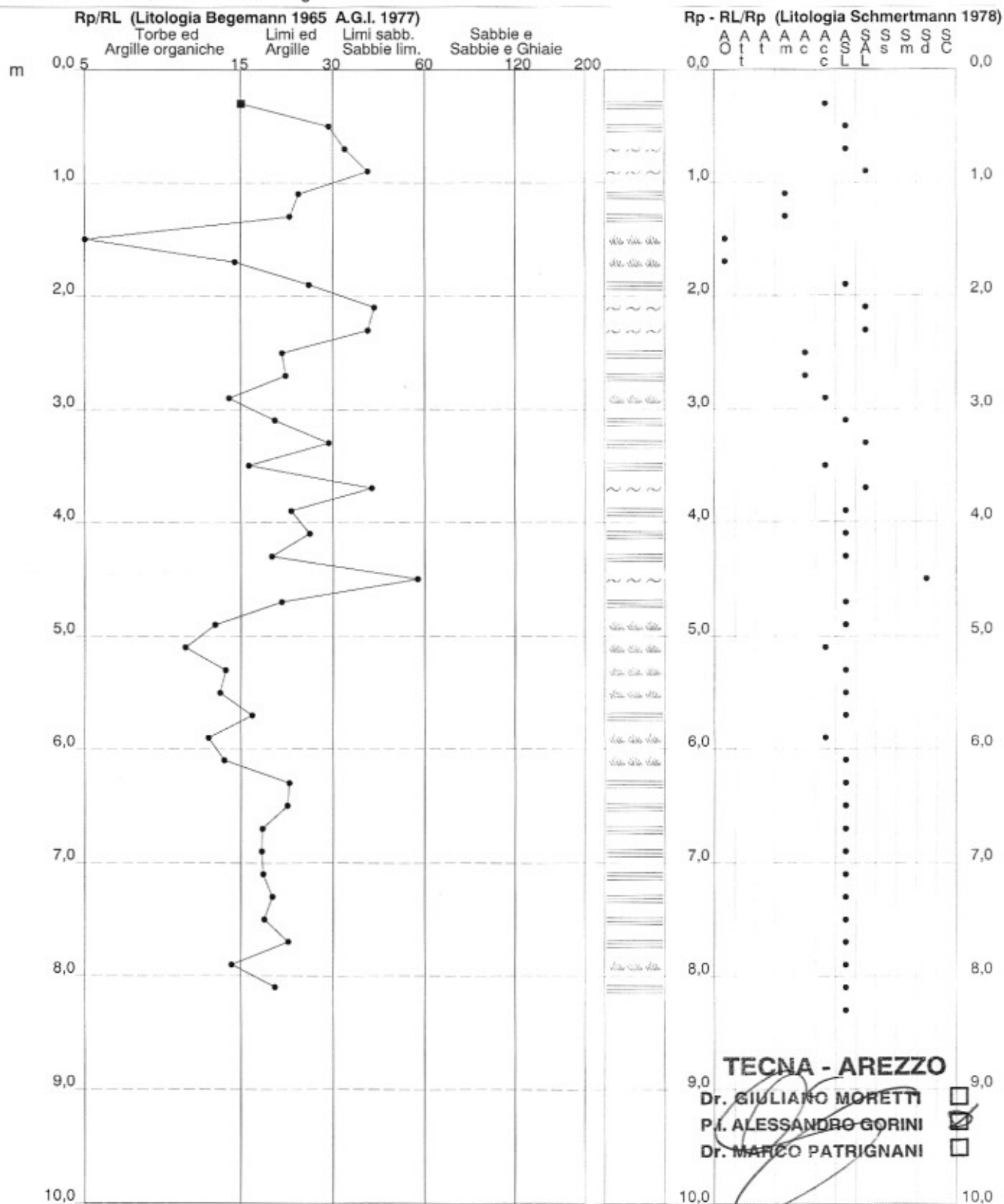
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VALUTAZIONI LITOLOGICHE**

CPT 2

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PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 3

2.010496-013

- committente : Studio di Geologia Dr. Stefano Caleri
- lavoro : Costruzione cantina
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- note : Comm. Azienda Agricola POLIZIANO

- data : 19/08/2003
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- pagina : 1

prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -	prf m	LP Kg/cm ²	LL Kg/cm ²	Rp Kg/cm ²	RL Kg/cm ²	Rp/RI -
0,20	----	----	--	4,80	----	1,80	159,0	359,0	159,0	8,80	18,0
0,40	99,0	171,0	99,0	6,00	16,0	2,00	138,0	270,0	138,0	9,93	14,0
0,60	84,0	174,0	84,0	5,00	17,0	2,20	123,0	272,0	123,0	6,87	18,0
0,80	75,0	150,0	75,0	6,33	12,0	2,40	139,0	242,0	139,0	7,73	18,0
1,00	85,0	180,0	85,0	4,93	17,0	2,60	154,0	270,0	154,0	13,87	11,0
1,20	74,0	148,0	74,0	4,67	16,0	2,80	205,0	413,0	205,0	8,80	23,0
1,40	78,0	148,0	78,0	4,60	17,0	3,00	198,0	330,0	198,0	18,53	11,0
1,60	74,0	143,0	74,0	13,33	6,0	3,20	329,0	607,0	329,0	----	----

TECNA - AREZZO

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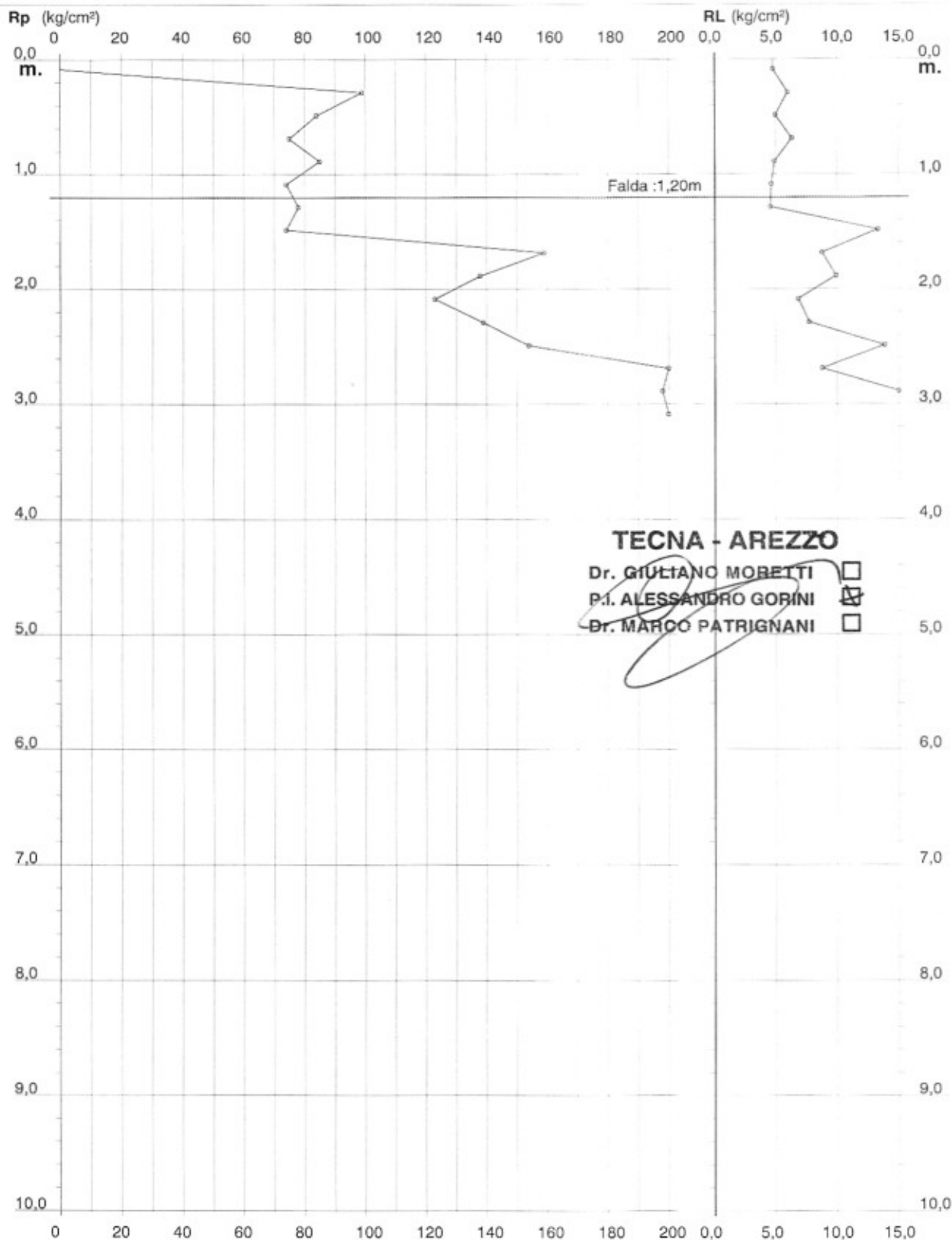
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CPT 3

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