

A16 – INDAGINI GEOLOGICHE
PROVA PENETROMETRICA STATICA
CPT

REALIZZAZIONE DISTRIBUTORE CARBURANTI E
IMPIANTO AUTOLAVAGGIO LUNGO LA STRADA
PROVINCIALE N. 9 A CASALGUIDI
IN COMUNE DI SERRAVALLE PISTOIESE

Pistoia, 17 maggio 2019

Dott. Geol. Gaddo Mannori



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PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 1

2.01PG05-185

- committente : GRADI GUALTIERO Srl
- lavoro : Nuova area di servizio
- località : Casalguidi, Strada Provinciale 9
- note :

- data : 08/05/2019
- quota inizio : Piano Campagna
- prof. falda : 1,00 m da quota inizio
- pagina : 1

Prof. m	Letture di campagna		qc kg/cm ²	fs	qc/fs	Prof. m	Letture di campagna		qc kg/cm ²	fs	qc/fs
	punta	laterale					punta	laterale			
0,20	----	----	--	-----	----	7,80	33,0	54,0	33,0	1,60	21,0
0,40	----	----	--	0,33	----	8,00	27,0	51,0	27,0	1,53	18,0
0,60	3,0	8,0	3,0	0,07	45,0	8,20	17,0	40,0	17,0	0,87	20,0
0,80	15,0	16,0	15,0	0,33	45,0	8,40	15,0	28,0	15,0	0,80	19,0
1,00	10,0	15,0	10,0	0,47	21,0	8,60	9,0	21,0	9,0	0,47	19,0
1,20	8,0	15,0	8,0	0,27	30,0	8,80	11,0	18,0	11,0	0,47	24,0
1,40	7,0	11,0	7,0	0,27	26,0	9,00	11,0	18,0	11,0	0,07	165,0
1,60	7,0	11,0	7,0	0,20	35,0	9,20	10,0	11,0	10,0	0,27	37,0
1,80	19,0	22,0	19,0	0,73	26,0	9,40	10,0	14,0	10,0	0,33	30,0
2,00	16,0	27,0	16,0	0,73	22,0	9,60	10,0	15,0	10,0	0,27	37,0
2,20	10,0	21,0	10,0	0,40	25,0	9,80	10,0	14,0	10,0	0,40	25,0
2,40	18,0	24,0	18,0	0,60	30,0	10,00	11,0	17,0	11,0	0,33	33,0
2,60	22,0	31,0	22,0	1,27	17,0	10,20	12,0	17,0	12,0	0,40	30,0
2,80	21,0	40,0	21,0	1,73	12,0	10,40	23,0	29,0	23,0	0,47	49,0
3,00	27,0	53,0	27,0	1,60	17,0	10,60	23,0	30,0	23,0	0,67	34,0
3,20	40,0	64,0	40,0	2,27	18,0	10,80	22,0	32,0	22,0	0,60	37,0
3,40	44,0	78,0	44,0	2,13	21,0	11,00	19,0	28,0	19,0	0,47	41,0
3,60	39,0	71,0	39,0	2,40	16,0	11,20	20,0	27,0	20,0	0,73	27,0
3,80	35,0	71,0	35,0	2,40	15,0	11,40	41,0	52,0	41,0	0,33	123,0
4,00	39,0	75,0	39,0	2,20	18,0	11,60	47,0	52,0	47,0	0,20	235,0
4,20	36,0	69,0	36,0	2,40	15,0	11,80	28,0	31,0	28,0	0,87	32,0
4,40	29,0	65,0	29,0	2,33	12,0	12,00	44,0	57,0	44,0	1,07	41,0
4,60	38,0	73,0	38,0	2,07	18,0	12,20	71,0	87,0	71,0	1,20	59,0
4,80	35,0	66,0	35,0	2,13	16,0	12,40	86,0	104,0	86,0	0,87	99,0
5,00	32,0	64,0	32,0	1,67	19,0	12,60	63,0	76,0	63,0	1,47	43,0
5,20	33,0	58,0	33,0	1,80	18,0	12,80	51,0	73,0	51,0	2,20	23,0
5,40	34,0	61,0	34,0	1,80	19,0	13,00	74,0	107,0	74,0	1,60	46,0
5,60	33,0	60,0	33,0	1,60	21,0	13,20	55,0	79,0	55,0	2,13	26,0
5,80	30,0	54,0	30,0	1,67	18,0	13,40	94,0	126,0	94,0	0,93	101,0
6,00	23,0	48,0	23,0	1,13	20,0	13,60	112,0	126,0	112,0	0,67	168,0
6,20	32,0	49,0	32,0	1,60	20,0	13,80	100,0	110,0	100,0	1,27	79,0
6,40	28,0	52,0	28,0	1,13	25,0	14,00	99,0	118,0	99,0	1,00	99,0
6,60	44,0	61,0	44,0	1,93	23,0	14,20	39,0	54,0	39,0	1,80	22,0
6,80	42,0	71,0	42,0	2,27	19,0	14,40	31,0	58,0	31,0	0,47	66,0
7,00	34,0	68,0	34,0	1,60	21,0	14,60	53,0	60,0	53,0	0,67	79,0
7,20	31,0	55,0	31,0	1,40	22,0	14,80	33,0	43,0	33,0	0,87	38,0
7,40	34,0	55,0	34,0	1,73	20,0	15,00	32,0	45,0	32,0	-----	----
7,60	28,0	54,0	28,0	1,40	20,0						

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

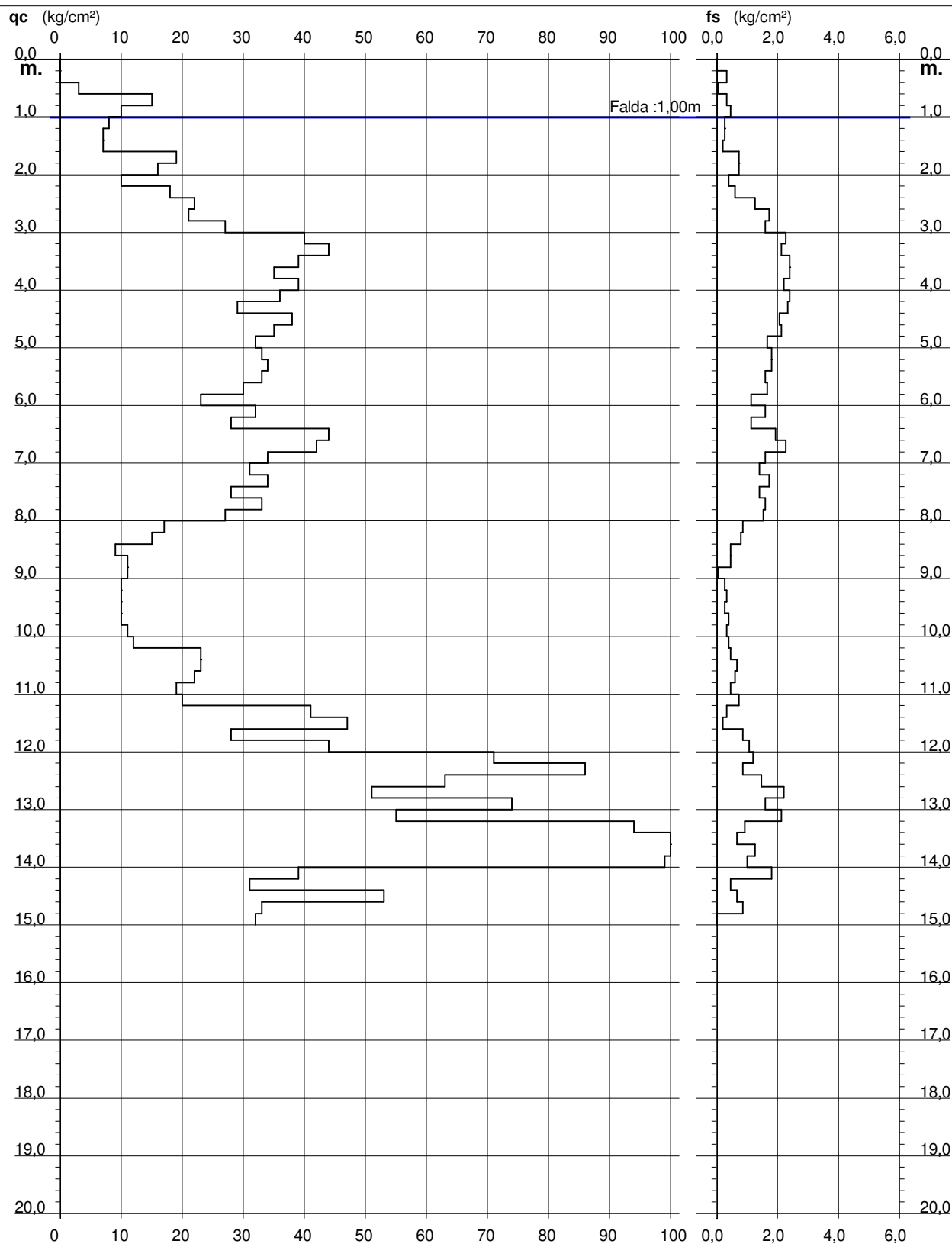
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 1

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- scala vert.: 1 : 100



PROVA PENETROMETRICA STATICA VALUTAZIONI LITOLOGICHE

CPT 1

2.01PG05-185

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