

ALLEGATO 2

*Indagini geognostiche integrative
(prove penetrometriche statiche CPT)*

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 2

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Santa Vittoria di Gualtieri (RE)
- note :

- data : 07/11/2001
- quota inizio : + 1.5 m da piano campagna
- prof. falda : 2,82 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 ²				punta	laterale	kg/cm ²		
0,20	27,0	----	27,0	2,07	13,0	8,20	38,0	60,0	38,0	1,80	21,0
0,40	16,0	47,0	16,0	1,67	10,0	8,40	30,0	57,0	30,0	1,33	22,0
0,60	14,0	39,0	14,0	1,53	9,0	8,60	29,0	49,0	29,0	1,27	23,0
0,80	8,0	31,0	8,0	1,27	6,0	8,80	34,0	53,0	34,0	1,47	23,0
1,00	7,0	26,0	7,0	0,80	9,0	9,00	37,0	59,0	37,0	1,53	24,0
1,20	11,0	23,0	11,0	0,60	18,0	9,20	36,0	59,0	36,0	1,73	21,0
1,40	8,0	17,0	8,0	0,73	11,0	9,40	38,0	64,0	38,0	1,47	26,0
1,60	10,0	21,0	10,0	0,87	12,0	9,60	41,0	63,0	41,0	1,67	25,0
1,80	12,0	25,0	12,0	0,87	14,0	9,80	38,0	63,0	38,0	1,40	27,0
2,00	13,0	26,0	13,0	0,80	16,0	10,00	22,0	43,0	22,0	1,07	21,0
2,20	13,0	25,0	13,0	0,67	19,0	10,20	13,0	29,0	13,0	0,73	18,0
2,40	13,0	23,0	13,0	0,80	16,0	10,40	18,0	29,0	18,0	0,80	22,0
2,60	13,0	25,0	13,0	0,80	16,0	10,60	16,0	28,0	16,0	0,60	27,0
2,80	15,0	27,0	15,0	1,00	15,0	10,80	17,0	26,0	17,0	0,60	28,0
3,00	18,0	33,0	18,0	1,13	16,0	11,00	25,0	34,0	25,0	0,93	27,0
3,20	25,0	42,0	25,0	1,00	25,0	11,20	20,0	34,0	20,0	0,73	27,0
3,40	23,0	38,0	23,0	1,07	22,0	11,40	18,0	29,0	18,0	0,80	22,0
3,60	19,0	35,0	19,0	0,73	26,0	11,60	24,0	36,0	24,0	1,00	24,0
3,80	21,0	32,0	21,0	0,87	24,0	11,80	29,0	44,0	29,0	1,60	18,0
4,00	16,0	29,0	16,0	0,53	30,0	12,00	28,0	52,0	28,0	1,53	18,0
4,20	22,0	30,0	22,0	0,60	37,0	12,20	18,0	41,0	18,0	1,13	16,0
4,40	23,0	32,0	23,0	0,87	27,0	12,40	25,0	42,0	25,0	1,07	23,0
4,60	19,0	32,0	19,0	0,80	24,0	12,60	25,0	41,0	25,0	1,20	21,0
4,80	19,0	31,0	19,0	0,47	41,0	12,80	25,0	43,0	25,0	1,40	18,0
5,00	20,0	27,0	20,0	0,73	27,0	13,00	24,0	45,0	24,0	1,20	20,0
5,20	35,0	46,0	35,0	0,27	131,0	13,20	17,0	35,0	17,0	0,87	20,0
5,40	41,0	45,0	41,0	0,13	307,0	13,40	20,0	33,0	20,0	3,20	6,0
5,60	30,0	32,0	30,0	0,53	56,0	13,60	74,0	122,0	74,0	0,33	222,0
5,80	19,0	27,0	19,0	0,67	28,0	13,80	52,0	57,0	52,0	0,80	65,0
6,00	15,0	25,0	15,0	0,60	25,0	14,00	92,0	104,0	92,0	0,60	153,0
6,20	20,0	29,0	20,0	0,60	33,0	14,20	51,0	60,0	51,0	0,60	85,0
6,40	27,0	36,0	27,0	1,20	22,0	14,40	15,0	24,0	15,0	1,20	12,0
6,60	25,0	43,0	25,0	1,33	19,0	14,60	70,0	88,0	70,0	0,73	95,0
6,80	22,0	42,0	22,0	1,07	21,0	14,80	36,0	47,0	36,0	0,60	60,0
7,00	20,0	36,0	20,0	0,87	23,0	15,00	31,0	40,0	31,0	1,00	31,0
7,20	20,0	33,0	20,0	1,00	20,0	15,20	44,0	59,0	44,0	1,27	35,0
7,40	21,0	36,0	21,0	1,07	20,0	15,40	79,0	98,0	79,0	0,73	108,0
7,60	23,0	39,0	23,0	1,20	19,0	15,60	93,0	104,0	93,0	1,00	93,0
7,80	28,0	46,0	28,0	1,47	19,0	15,80	73,0	88,0	73,0	-----	----
8,00	32,0	54,0	32,0	1,47	22,0						

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

PROVA PENETROMETRICA STATICA**CPT 3****LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Santa Vittoria di Gualtieri (RE)
 - note :

- data : 11/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 2,00 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 ²				punta	laterale	kg/cm ²		
0,20	24,0	----	24,0	1,13	21,0	8,80	37,0	77,0	37,0	2,53	15,0
0,40	22,0	39,0	22,0	1,93	11,0	9,00	32,0	70,0	32,0	2,20	15,0
0,60	15,0	44,0	15,0	1,60	9,0	9,20	33,0	66,0	33,0	2,20	15,0
0,80	10,0	34,0	10,0	1,33	7,0	9,40	36,0	69,0	36,0	1,67	22,0
1,00	8,0	28,0	8,0	1,20	7,0	9,60	27,0	52,0	27,0	1,40	19,0
1,20	12,0	30,0	12,0	1,13	11,0	9,80	18,0	39,0	18,0	0,93	19,0
1,40	12,0	29,0	12,0	0,93	13,0	10,00	10,0	24,0	10,0	0,60	17,0
1,60	12,0	26,0	12,0	1,00	12,0	10,20	9,0	18,0	9,0	0,53	17,0
1,80	14,0	29,0	14,0	1,00	14,0	10,40	13,0	21,0	13,0	0,67	19,0
2,00	12,0	27,0	12,0	0,73	16,0	10,60	19,0	29,0	19,0	1,00	19,0
2,20	9,0	20,0	9,0	0,53	17,0	10,80	19,0	34,0	19,0	1,20	16,0
2,40	8,0	16,0	8,0	0,53	15,0	11,00	19,0	37,0	19,0	1,33	14,0
2,60	14,0	22,0	14,0	0,67	21,0	11,20	22,0	42,0	22,0	1,40	16,0
2,80	16,0	26,0	16,0	1,00	16,0	11,40	24,0	45,0	24,0	1,33	18,0
3,00	17,0	32,0	17,0	1,07	16,0	11,60	24,0	44,0	24,0	1,33	18,0
3,20	20,0	36,0	20,0	1,20	17,0	11,80	22,0	42,0	22,0	1,13	19,0
3,40	22,0	40,0	22,0	1,33	16,0	12,00	20,0	37,0	20,0	0,80	25,0
3,60	21,0	41,0	21,0	1,33	16,0	12,20	21,0	33,0	21,0	0,67	31,0
3,80	21,0	41,0	21,0	1,40	15,0	12,40	14,0	24,0	14,0	1,27	11,0
4,00	18,0	39,0	18,0	1,33	13,0	12,60	22,0	41,0	22,0	0,93	24,0
4,20	19,0	39,0	19,0	1,00	19,0	12,80	15,0	29,0	15,0	0,93	16,0
4,40	21,0	36,0	21,0	1,20	17,0	13,00	15,0	29,0	15,0	0,87	17,0
4,60	18,0	36,0	18,0	1,07	17,0	13,20	16,0	29,0	16,0	0,93	17,0
4,80	19,0	35,0	19,0	1,13	17,0	13,40	17,0	31,0	17,0	0,80	21,0
5,00	19,0	36,0	19,0	1,13	17,0	13,60	12,0	24,0	12,0	0,60	20,0
5,20	27,0	44,0	27,0	1,40	19,0	13,80	8,0	17,0	8,0	0,27	30,0
5,40	29,0	50,0	29,0	1,67	17,0	14,00	8,0	12,0	8,0	0,40	20,0
5,60	26,0	51,0	26,0	1,47	18,0	14,20	8,0	14,0	8,0	0,53	15,0
5,80	31,0	53,0	31,0	2,00	16,0	14,40	11,0	19,0	11,0	0,47	24,0
6,00	35,0	65,0	35,0	1,80	19,0	14,60	39,0	46,0	39,0	1,07	37,0
6,20	32,0	59,0	32,0	1,60	20,0	14,80	23,0	39,0	23,0	1,13	20,0
6,40	26,0	50,0	26,0	1,27	21,0	15,00	18,0	35,0	18,0	0,67	27,0
6,60	23,0	42,0	23,0	1,27	18,0	15,20	18,0	28,0	18,0	0,67	27,0
6,80	14,0	33,0	14,0	1,13	12,0	15,40	15,0	25,0	15,0	0,73	20,0
7,00	18,0	35,0	18,0	1,13	16,0	15,60	14,0	25,0	14,0	0,60	23,0
7,20	28,0	45,0	28,0	2,27	12,0	15,80	16,0	25,0	16,0	0,73	22,0
7,40	27,0	61,0	27,0	1,73	16,0	16,00	12,0	23,0	12,0	0,53	22,0
7,60	41,0	67,0	41,0	2,20	19,0	16,20	13,0	21,0	13,0	0,67	19,0
7,80	43,0	76,0	43,0	2,40	18,0	16,40	11,0	21,0	11,0	0,93	12,0
8,00	34,0	70,0	34,0	2,27	15,0	16,60	14,0	28,0	14,0	1,13	12,0
8,20	31,0	65,0	31,0	2,00	16,0	16,80	21,0	38,0	21,0	0,53	39,0
8,40	32,0	62,0	32,0	1,87	17,0	17,00	34,0	42,0	34,0	1,20	28,0
8,60	37,0	65,0	37,0	2,67	14,0	17,20	48,0	66,0	48,0	-----	----

- 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)

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 4

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note :

- data : 11/09/2001
- quota inizio : Piano Campagna
- prof. falda : 3,30 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	15,0	----	15,0	1,40	11,0	8,40	26,0	48,0	26,0	1,60	16,0
0,40	12,0	33,0	12,0	0,93	13,0	8,60	28,0	52,0	28,0	1,93	14,0
0,60	29,0	43,0	29,0	2,13	14,0	8,80	31,0	60,0	31,0	2,13	15,0
0,80	32,0	64,0	32,0	1,87	17,0	9,00	30,0	62,0	30,0	2,40	12,0
1,00	45,0	73,0	45,0	1,40	32,0	9,20	33,0	69,0	33,0	2,13	15,0
1,20	12,0	33,0	12,0	0,40	30,0	9,40	35,0	67,0	35,0	2,47	14,0
1,40	26,0	32,0	26,0	0,40	65,0	9,60	31,0	68,0	31,0	2,13	15,0
1,60	13,0	19,0	13,0	1,33	10,0	9,80	30,0	62,0	30,0	2,40	12,0
1,80	40,0	60,0	40,0	0,60	67,0	10,00	20,0	56,0	20,0	0,87	23,0
2,00	36,0	45,0	36,0	0,60	60,0	10,20	29,0	42,0	29,0	1,07	27,0
2,20	25,0	34,0	25,0	1,07	23,0	10,40	27,0	43,0	27,0	1,40	19,0
2,40	39,0	55,0	39,0	1,47	27,0	10,60	28,0	49,0	28,0	1,27	22,0
2,60	16,0	38,0	16,0	0,87	18,0	10,80	34,0	53,0	34,0	1,87	18,0
2,80	16,0	29,0	16,0	0,47	34,0	11,00	35,0	63,0	35,0	1,73	20,0
3,00	8,0	15,0	8,0	0,33	24,0	11,20	33,0	59,0	33,0	1,60	21,0
3,20	6,0	11,0	6,0	0,47	13,0	11,40	21,0	45,0	21,0	0,80	26,0
3,40	8,0	15,0	8,0	0,47	17,0	11,60	23,0	35,0	23,0	1,20	19,0
3,60	9,0	16,0	9,0	0,60	15,0	11,80	23,0	41,0	23,0	1,07	22,0
3,80	10,0	19,0	10,0	0,60	17,0	12,00	29,0	45,0	29,0	1,13	26,0
4,00	10,0	19,0	10,0	0,67	15,0	12,20	16,0	33,0	16,0	0,73	22,0
4,20	9,0	19,0	9,0	0,67	13,0	12,40	21,0	32,0	21,0	1,20	17,0
4,40	10,0	20,0	10,0	0,73	14,0	12,60	21,0	39,0	21,0	1,13	19,0
4,60	11,0	22,0	11,0	0,67	16,0	12,80	20,0	37,0	20,0	1,13	18,0
4,80	13,0	23,0	13,0	0,87	15,0	13,00	24,0	41,0	24,0	1,53	16,0
5,00	9,0	22,0	9,0	0,53	17,0	13,20	22,0	45,0	22,0	1,40	16,0
5,20	7,0	15,0	7,0	0,53	13,0	13,40	20,0	41,0	20,0	1,20	17,0
5,40	11,0	19,0	11,0	0,80	14,0	13,60	17,0	35,0	17,0	1,07	16,0
5,60	13,0	25,0	13,0	0,80	16,0	13,80	15,0	31,0	15,0	0,87	17,0
5,80	23,0	35,0	23,0	1,67	14,0	14,00	18,0	31,0	18,0	1,13	16,0
6,00	25,0	50,0	25,0	1,73	14,0	14,20	17,0	34,0	17,0	0,93	18,0
6,20	23,0	49,0	23,0	1,67	14,0	14,40	16,0	30,0	16,0	0,87	18,0
6,40	20,0	45,0	20,0	1,40	14,0	14,60	13,0	26,0	13,0	0,60	22,0
6,60	20,0	41,0	20,0	1,27	16,0	14,80	16,0	25,0	16,0	0,67	24,0
6,80	20,0	39,0	20,0	1,20	17,0	15,00	24,0	34,0	24,0	1,00	24,0
7,00	17,0	35,0	17,0	1,13	15,0	15,20	37,0	52,0	37,0	1,40	26,0
7,20	19,0	36,0	19,0	1,07	18,0	15,40	32,0	53,0	32,0	1,13	28,0
7,40	18,0	34,0	18,0	1,13	16,0	15,60	33,0	50,0	33,0	0,73	45,0
7,60	16,0	33,0	16,0	0,87	18,0	15,80	31,0	42,0	31,0	0,33	93,0
7,80	17,0	30,0	17,0	0,93	18,0	16,00	67,0	72,0	67,0	1,80	37,0
8,00	21,0	35,0	21,0	1,27	17,0	16,20	88,0	115,0	88,0	1,07	82,0
8,20	24,0	43,0	24,0	1,47	16,0	16,40	96,0	112,0	96,0	-----	----

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 5

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Santa Vittoria di Gualtieri (RE)
- note :

- data : 12/09/2001
- quota inizio : Piano Campagna
- prof. falda : 1,30 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 ²				punta	laterale	kg/cm ²		
0,20	20,0	----	20,0	1,47	14,0	8,00	29,0	47,0	29,0	1,47	20,0
0,40	14,0	36,0	14,0	2,00	7,0	8,20	25,0	47,0	25,0	1,87	13,0
0,60	10,0	40,0	10,0	1,00	10,0	8,40	22,0	50,0	22,0	1,13	19,0
0,80	9,0	24,0	9,0	0,93	10,0	8,60	33,0	50,0	33,0	1,47	22,0
1,00	10,0	24,0	10,0	0,87	12,0	8,80	29,0	51,0	29,0	1,27	23,0
1,20	14,0	27,0	14,0	0,93	15,0	9,00	17,0	36,0	17,0	1,13	15,0
1,40	18,0	32,0	18,0	0,93	19,0	9,20	18,0	35,0	18,0	0,93	19,0
1,60	12,0	26,0	12,0	0,80	15,0	9,40	34,0	48,0	34,0	1,67	20,0
1,80	12,0	24,0	12,0	0,60	20,0	9,60	35,0	60,0	35,0	1,53	23,0
2,00	15,0	24,0	15,0	0,93	16,0	9,80	30,0	53,0	30,0	1,73	17,0
2,20	18,0	32,0	18,0	0,73	25,0	10,00	27,0	53,0	27,0	1,27	21,0
2,40	22,0	33,0	22,0	0,67	33,0	10,20	21,0	40,0	21,0	1,07	20,0
2,60	19,0	29,0	19,0	0,87	22,0	10,40	19,0	35,0	19,0	0,93	20,0
2,80	19,0	32,0	19,0	1,07	18,0	10,60	19,0	33,0	19,0	0,67	28,0
3,00	22,0	38,0	22,0	1,13	19,0	10,80	22,0	32,0	22,0	0,67	33,0
3,20	25,0	42,0	25,0	1,20	21,0	11,00	23,0	33,0	23,0	0,67	34,0
3,40	24,0	42,0	24,0	1,20	20,0	11,20	25,0	35,0	25,0	0,93	27,0
3,60	25,0	43,0	25,0	1,20	21,0	11,40	27,0	41,0	27,0	1,00	27,0
3,80	23,0	41,0	23,0	1,33	17,0	11,60	34,0	49,0	34,0	1,73	20,0
4,00	22,0	42,0	22,0	1,13	19,0	11,80	42,0	68,0	42,0	1,93	22,0
4,20	22,0	39,0	22,0	0,73	30,0	12,00	42,0	71,0	42,0	2,13	20,0
4,40	22,0	33,0	22,0	0,60	37,0	12,20	41,0	73,0	41,0	2,13	19,0
4,60	22,0	31,0	22,0	0,80	27,0	12,40	48,0	80,0	48,0	2,20	22,0
4,80	23,0	35,0	23,0	0,67	34,0	12,60	36,0	69,0	36,0	1,60	22,0
5,00	19,0	29,0	19,0	0,80	24,0	12,80	27,0	51,0	27,0	1,27	21,0
5,20	20,0	32,0	20,0	0,93	21,0	13,00	21,0	40,0	21,0	1,07	20,0
5,40	22,0	36,0	22,0	1,20	18,0	13,20	19,0	35,0	19,0	1,07	18,0
5,60	19,0	37,0	19,0	1,13	17,0	13,40	16,0	32,0	16,0	0,67	24,0
5,80	18,0	35,0	18,0	1,00	18,0	13,60	16,0	26,0	16,0	0,60	27,0
6,00	20,0	35,0	20,0	1,00	20,0	13,80	14,0	23,0	14,0	0,60	23,0
6,20	23,0	38,0	23,0	1,20	19,0	14,00	12,0	21,0	12,0	0,53	22,0
6,40	21,0	39,0	21,0	1,20	17,0	14,20	11,0	19,0	11,0	0,67	16,0
6,60	20,0	38,0	20,0	1,13	18,0	14,40	12,0	22,0	12,0	1,20	10,0
6,80	25,0	42,0	25,0	1,33	19,0	14,60	25,0	43,0	25,0	0,80	31,0
7,00	27,0	47,0	27,0	1,27	21,0	14,80	24,0	36,0	24,0	1,00	24,0
7,20	25,0	44,0	25,0	1,27	20,0	15,00	30,0	45,0	30,0	0,67	45,0
7,40	26,0	45,0	26,0	1,00	26,0	15,20	97,0	107,0	97,0	2,13	45,0
7,60	27,0	42,0	27,0	1,27	21,0	15,40	40,0	72,0	40,0	0,60	67,0
7,80	21,0	40,0	21,0	1,20	17,0	15,60	67,0	76,0	67,0	-----	----

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

PROVA PENETROMETRICA STATICA**CPT 6****LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Gualtieri (RE)
 - note :

- data : 12/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 3,80 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	51,0	----	51,0	1,13	45,0	9,60	36,0	64,0	36,0	2,07	17,0
0,40	35,0	52,0	35,0	2,13	16,0	9,80	46,0	77,0	46,0	2,67	17,0
0,60	36,0	68,0	36,0	1,87	19,0	10,00	48,0	88,0	48,0	2,93	16,0
0,80	42,0	70,0	42,0	2,33	18,0	10,20	44,0	88,0	44,0	2,73	16,0
1,00	41,0	76,0	41,0	3,60	11,0	10,40	41,0	82,0	41,0	2,47	17,0
1,20	36,0	90,0	36,0	3,47	10,0	10,60	38,0	75,0	38,0	2,07	18,0
1,40	30,0	82,0	30,0	3,07	10,0	10,80	39,0	70,0	39,0	2,20	18,0
1,60	30,0	76,0	30,0	2,67	11,0	11,00	36,0	69,0	36,0	2,07	17,0
1,80	25,0	65,0	25,0	2,47	10,0	11,20	34,0	65,0	34,0	2,53	13,0
2,00	19,0	56,0	19,0	1,80	11,0	11,40	38,0	76,0	38,0	2,60	15,0
2,20	17,0	44,0	17,0	1,47	12,0	11,60	41,0	80,0	41,0	2,53	16,0
2,40	16,0	38,0	16,0	1,20	13,0	11,80	42,0	80,0	42,0	2,80	15,0
2,60	19,0	37,0	19,0	1,40	14,0	12,00	42,0	84,0	42,0	2,27	19,0
2,80	20,0	41,0	20,0	1,33	15,0	12,20	27,0	61,0	27,0	1,87	14,0
3,00	23,0	43,0	23,0	1,47	16,0	12,40	18,0	46,0	18,0	1,00	18,0
3,20	20,0	42,0	20,0	1,13	18,0	12,60	12,0	27,0	12,0	0,60	20,0
3,40	22,0	39,0	22,0	1,47	15,0	12,80	10,0	19,0	10,0	0,60	17,0
3,60	20,0	42,0	20,0	1,40	14,0	13,00	11,0	20,0	11,0	0,73	15,0
3,80	24,0	45,0	24,0	1,47	16,0	13,20	11,0	22,0	11,0	0,53	21,0
4,00	25,0	47,0	25,0	1,53	16,0	13,40	16,0	24,0	16,0	0,67	24,0
4,20	21,0	44,0	21,0	1,27	17,0	13,60	16,0	26,0	16,0	0,80	20,0
4,40	24,0	43,0	24,0	1,53	16,0	13,80	17,0	29,0	17,0	0,80	21,0
4,60	25,0	48,0	25,0	1,73	14,0	14,00	14,0	26,0	14,0	0,33	42,0
4,80	24,0	50,0	24,0	1,67	14,0	14,20	37,0	42,0	37,0	1,33	28,0
5,00	26,0	51,0	26,0	1,73	15,0	14,40	12,0	32,0	12,0	0,73	16,0
5,20	25,0	51,0	25,0	1,53	16,0	14,60	28,0	39,0	28,0	0,73	38,0
5,40	27,0	50,0	27,0	1,53	18,0	14,80	21,0	32,0	21,0	1,00	21,0
5,60	28,0	51,0	28,0	1,60	17,0	15,00	12,0	27,0	12,0	0,67	18,0
5,80	21,0	45,0	21,0	1,33	16,0	15,20	20,0	30,0	20,0	0,53	37,0
6,00	21,0	41,0	21,0	1,07	20,0	15,40	58,0	66,0	58,0	0,40	145,0
6,20	23,0	39,0	23,0	1,40	16,0	15,60	18,0	24,0	18,0	0,93	19,0
6,40	23,0	44,0	23,0	1,27	18,0	15,80	30,0	44,0	30,0	0,60	50,0
6,60	22,0	41,0	22,0	1,60	14,0	16,00	14,0	23,0	14,0	0,67	21,0
6,80	23,0	47,0	23,0	1,27	18,0	16,20	57,0	67,0	57,0	1,20	47,0
7,00	27,0	46,0	27,0	1,47	18,0	16,40	41,0	59,0	41,0	0,53	77,0
7,20	23,0	45,0	23,0	1,53	15,0	16,60	44,0	52,0	44,0	0,80	55,0
7,40	23,0	46,0	23,0	1,60	14,0	16,80	37,0	49,0	37,0	0,40	92,0
7,60	27,0	51,0	27,0	1,93	14,0	17,00	38,0	44,0	38,0	0,53	71,0
7,80	34,0	63,0	34,0	2,00	17,0	17,20	28,0	36,0	28,0	0,93	30,0
8,00	33,0	63,0	33,0	2,07	16,0	17,40	25,0	39,0	25,0	1,00	25,0
8,20	29,0	60,0	29,0	1,87	16,0	17,60	26,0	41,0	26,0	0,87	30,0
8,40	30,0	58,0	30,0	1,87	16,0	17,80	25,0	38,0	25,0	0,80	31,0
8,60	27,0	55,0	27,0	1,87	14,0	18,00	24,0	36,0	24,0	0,67	36,0
8,80	31,0	59,0	31,0	1,47	21,0	18,20	26,0	36,0	26,0	1,67	16,0
9,00	36,0	58,0	36,0	2,40	15,0	18,40	91,0	116,0	91,0	1,67	55,0
9,20	33,0	69,0	33,0	2,47	13,0	18,60	62,0	87,0	62,0	-----	----
9,40	29,0	66,0	29,0	1,87	16,0						

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 7

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note :

- data : 12/09/2001
- quota inizio : Piano Campagna
- prof. falda : 3,00 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 ²				punta	laterale	kg/cm ²		
0,20	18,0	----	18,0	1,07	17,0	8,00	33,0	61,0	33,0	1,87	18,0
0,40	10,0	26,0	10,0	1,27	8,0	8,20	39,0	67,0	39,0	2,80	14,0
0,60	11,0	30,0	11,0	1,40	8,0	8,40	29,0	71,0	29,0	1,87	16,0
0,80	14,0	35,0	14,0	1,40	10,0	8,60	18,0	46,0	18,0	0,93	19,0
1,00	16,0	37,0	16,0	1,67	10,0	8,80	23,0	37,0	23,0	1,20	19,0
1,20	19,0	44,0	19,0	1,73	11,0	9,00	31,0	49,0	31,0	1,20	26,0
1,40	14,0	40,0	14,0	1,47	10,0	9,20	35,0	53,0	35,0	2,07	17,0
1,60	9,0	31,0	9,0	1,33	7,0	9,40	27,0	58,0	27,0	1,60	17,0
1,80	18,0	38,0	18,0	1,27	14,0	9,60	27,0	51,0	27,0	1,33	20,0
2,00	15,0	34,0	15,0	1,27	12,0	9,80	20,0	40,0	20,0	1,13	18,0
2,20	14,0	33,0	14,0	1,13	12,0	10,00	17,0	34,0	17,0	1,07	16,0
2,40	14,0	31,0	14,0	0,73	19,0	10,20	20,0	36,0	20,0	0,87	23,0
2,60	18,0	29,0	18,0	1,00	18,0	10,40	24,0	37,0	24,0	1,47	16,0
2,80	18,0	33,0	18,0	1,20	15,0	10,60	27,0	49,0	27,0	1,40	19,0
3,00	21,0	39,0	21,0	1,27	17,0	10,80	29,0	50,0	29,0	1,80	16,0
3,20	23,0	42,0	23,0	1,33	17,0	11,00	19,0	46,0	19,0	1,07	18,0
3,40	24,0	44,0	24,0	1,07	22,0	11,20	22,0	38,0	22,0	0,93	24,0
3,60	17,0	33,0	17,0	0,87	20,0	11,40	22,0	36,0	22,0	1,27	17,0
3,80	23,0	36,0	23,0	1,00	23,0	11,60	17,0	36,0	17,0	1,00	17,0
4,00	22,0	37,0	22,0	1,13	19,0	11,80	20,0	35,0	20,0	1,00	20,0
4,20	16,0	33,0	16,0	0,80	20,0	12,00	16,0	31,0	16,0	0,80	20,0
4,40	23,0	35,0	23,0	1,40	16,0	12,20	15,0	27,0	15,0	0,67	22,0
4,60	19,0	40,0	19,0	1,40	14,0	12,40	14,0	24,0	14,0	0,67	21,0
4,80	23,0	44,0	23,0	1,27	18,0	12,60	13,0	23,0	13,0	0,80	16,0
5,00	24,0	43,0	24,0	1,27	19,0	12,80	15,0	27,0	15,0	1,00	15,0
5,20	26,0	45,0	26,0	1,33	19,0	13,00	14,0	29,0	14,0	0,87	16,0
5,40	25,0	45,0	25,0	1,40	18,0	13,20	14,0	27,0	14,0	0,80	17,0
5,60	23,0	44,0	23,0	1,47	16,0	13,40	18,0	30,0	18,0	0,87	21,0
5,80	23,0	45,0	23,0	1,33	17,0	13,60	15,0	28,0	15,0	0,80	19,0
6,00	25,0	45,0	25,0	1,67	15,0	13,80	13,0	25,0	13,0	0,73	18,0
6,20	26,0	51,0	26,0	1,53	17,0	14,00	10,0	21,0	10,0	0,53	19,0
6,40	20,0	43,0	20,0	0,93	21,0	14,20	11,0	19,0	11,0	0,53	21,0
6,60	19,0	33,0	19,0	0,80	24,0	14,40	11,0	19,0	11,0	0,67	16,0
6,80	18,0	30,0	18,0	0,60	30,0	14,60	38,0	48,0	38,0	1,60	24,0
7,00	18,0	27,0	18,0	0,93	19,0	14,80	44,0	68,0	44,0	1,07	41,0
7,20	23,0	37,0	23,0	1,00	23,0	15,00	133,0	149,0	133,0	2,60	51,0
7,40	44,0	59,0	44,0	2,07	21,0	15,20	138,0	177,0	138,0	3,40	41,0
7,60	40,0	71,0	40,0	2,20	18,0	15,40	116,0	167,0	116,0	0,93	124,0
7,80	32,0	65,0	32,0	1,87	17,0	15,60	71,0	85,0	71,0	-----	----

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

PROVA PENETROMETRICA STATICA**CPT 1****LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Santa Vittoria di Gualtieri (RE)
 - note :

- data : 11/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 3,50 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 ²				punta	laterale	kg/cm ²		
0,20	23,0	----	23,0	0,67	34,0	8,20	19,0	38,0	19,0	1,13	17,0
0,40	42,0	52,0	42,0	1,93	22,0	8,40	21,0	38,0	21,0	1,13	19,0
0,60	38,0	67,0	38,0	3,60	11,0	8,60	25,0	42,0	25,0	1,67	15,0
0,80	33,0	87,0	33,0	3,33	10,0	8,80	20,0	45,0	20,0	1,40	14,0
1,00	32,0	82,0	32,0	2,80	11,0	9,00	24,0	45,0	24,0	1,53	16,0
1,20	30,0	72,0	30,0	2,27	13,0	9,20	25,0	48,0	25,0	1,93	13,0
1,40	29,0	63,0	29,0	2,53	11,0	9,40	27,0	56,0	27,0	1,87	14,0
1,60	20,0	58,0	20,0	2,00	10,0	9,60	31,0	59,0	31,0	2,07	15,0
1,80	18,0	48,0	18,0	1,73	10,0	9,80	23,0	54,0	23,0	2,00	12,0
2,00	16,0	42,0	16,0	1,47	11,0	10,00	25,0	55,0	25,0	1,33	19,0
2,20	15,0	37,0	15,0	1,20	12,0	10,20	25,0	45,0	25,0	1,33	19,0
2,40	16,0	34,0	16,0	0,80	20,0	10,40	14,0	34,0	14,0	0,73	19,0
2,60	13,0	25,0	13,0	0,60	22,0	10,60	18,0	29,0	18,0	0,67	27,0
2,80	11,0	20,0	11,0	0,53	21,0	10,80	13,0	23,0	13,0	0,73	18,0
3,00	10,0	18,0	10,0	0,47	21,0	11,00	14,0	25,0	14,0	0,87	16,0
3,20	11,0	18,0	11,0	0,60	18,0	11,20	28,0	41,0	28,0	0,87	32,0
3,40	8,0	17,0	8,0	0,40	20,0	11,40	39,0	52,0	39,0	0,60	65,0
3,60	9,0	15,0	9,0	0,47	19,0	11,60	39,0	48,0	39,0	2,07	19,0
3,80	10,0	17,0	10,0	0,53	19,0	11,80	25,0	56,0	25,0	0,73	34,0
4,00	10,0	18,0	10,0	0,53	19,0	12,00	39,0	50,0	39,0	1,07	37,0
4,20	10,0	18,0	10,0	0,53	19,0	12,20	29,0	45,0	29,0	1,73	17,0
4,40	12,0	20,0	12,0	0,60	20,0	12,40	22,0	48,0	22,0	1,07	21,0
4,60	11,0	20,0	11,0	0,60	18,0	12,60	19,0	35,0	19,0	0,87	22,0
4,80	12,0	21,0	12,0	0,67	18,0	12,80	16,0	29,0	16,0	0,80	20,0
5,00	11,0	21,0	11,0	0,60	18,0	13,00	12,0	24,0	12,0	0,93	13,0
5,20	11,0	20,0	11,0	0,53	21,0	13,20	14,0	28,0	14,0	0,87	16,0
5,40	13,0	21,0	13,0	0,73	18,0	13,40	27,0	40,0	27,0	1,40	19,0
5,60	12,0	23,0	12,0	0,60	20,0	13,60	35,0	56,0	35,0	1,67	21,0
5,80	9,0	18,0	9,0	0,60	15,0	13,80	29,0	54,0	29,0	1,47	20,0
6,00	9,0	18,0	9,0	1,20	7,0	14,00	26,0	48,0	26,0	1,53	17,0
6,20	11,0	29,0	11,0	0,40	27,0	14,20	26,0	49,0	26,0	1,40	19,0
6,40	11,0	17,0	11,0	0,53	21,0	14,40	48,0	69,0	48,0	2,20	22,0
6,60	6,0	14,0	6,0	0,47	13,0	14,60	56,0	89,0	56,0	1,40	40,0
6,80	6,0	13,0	6,0	0,47	13,0	14,80	51,0	72,0	51,0	0,93	55,0
7,00	8,0	15,0	8,0	0,60	13,0	15,00	69,0	83,0	69,0	1,87	37,0
7,20	11,0	20,0	11,0	0,60	18,0	15,20	51,0	79,0	51,0	0,73	70,0
7,40	12,0	21,0	12,0	0,73	16,0	15,40	52,0	63,0	52,0	0,93	56,0
7,60	12,0	23,0	12,0	0,73	16,0	15,60	58,0	72,0	58,0	0,80	72,0
7,80	17,0	28,0	17,0	0,93	18,0	15,80	43,0	55,0	43,0	-----	----
8,00	19,0	33,0	19,0	1,27	15,0						

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 8

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note : + 0.7 m rispetto quota p.c. circostante

- data : 07/11/2001
- quota inizio : Piano Campagna
- prof. falda : 1,90 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 ²				punta	laterale	kg/cm ²		
0,20	13,0	----	13,0	1,53	8,0	8,60	21,0	32,0	21,0	0,80	26,0
0,40	8,0	31,0	8,0	0,87	9,0	8,80	34,0	46,0	34,0	1,73	20,0
0,60	9,0	22,0	9,0	1,27	7,0	9,00	22,0	48,0	22,0	1,13	19,0
0,80	10,0	29,0	10,0	1,33	7,0	9,20	12,0	29,0	12,0	0,60	20,0
1,00	9,0	29,0	9,0	1,40	6,0	9,40	12,0	21,0	12,0	0,53	22,0
1,20	9,0	30,0	9,0	1,20	7,0	9,60	13,0	21,0	13,0	0,73	18,0
1,40	10,0	28,0	10,0	0,93	11,0	9,80	24,0	35,0	24,0	0,80	30,0
1,60	10,0	24,0	10,0	0,80	12,0	10,00	22,0	34,0	22,0	0,80	27,0
1,80	12,0	24,0	12,0	0,73	16,0	10,20	13,0	25,0	13,0	0,80	16,0
2,00	13,0	24,0	13,0	0,73	18,0	10,40	22,0	34,0	22,0	1,13	19,0
2,20	13,0	24,0	13,0	0,73	18,0	10,60	22,0	39,0	22,0	1,53	14,0
2,40	14,0	25,0	14,0	0,67	21,0	10,80	19,0	42,0	19,0	0,93	20,0
2,60	12,0	22,0	12,0	0,67	18,0	11,00	22,0	36,0	22,0	1,20	18,0
2,80	11,0	21,0	11,0	0,47	24,0	11,20	28,0	46,0	28,0	0,47	60,0
3,00	10,0	17,0	10,0	0,47	21,0	11,40	38,0	45,0	38,0	0,27	142,0
3,20	14,0	21,0	14,0	0,53	26,0	11,60	38,0	42,0	38,0	1,13	34,0
3,40	16,0	24,0	16,0	0,80	20,0	11,80	17,0	34,0	17,0	0,87	20,0
3,60	14,0	26,0	14,0	0,47	30,0	12,00	20,0	33,0	20,0	1,07	19,0
3,80	22,0	29,0	22,0	1,07	21,0	12,20	21,0	37,0	21,0	1,20	17,0
4,00	20,0	36,0	20,0	1,00	20,0	12,40	21,0	39,0	21,0	1,07	20,0
4,20	21,0	36,0	21,0	1,07	20,0	12,60	21,0	37,0	21,0	1,20	17,0
4,40	19,0	35,0	19,0	1,07	18,0	12,80	19,0	37,0	19,0	1,07	18,0
4,60	21,0	37,0	21,0	1,07	20,0	13,00	17,0	33,0	17,0	1,13	15,0
4,80	21,0	37,0	21,0	1,27	17,0	13,20	18,0	35,0	18,0	1,00	18,0
5,00	19,0	38,0	19,0	1,07	18,0	13,40	16,0	31,0	16,0	0,80	20,0
5,20	17,0	33,0	17,0	0,87	20,0	13,60	16,0	28,0	16,0	0,93	17,0
5,40	20,0	33,0	20,0	1,00	20,0	13,80	16,0	30,0	16,0	0,87	18,0
5,60	23,0	38,0	23,0	1,27	18,0	14,00	17,0	30,0	17,0	0,93	18,0
5,80	26,0	45,0	26,0	1,20	22,0	14,20	18,0	32,0	18,0	0,87	21,0
6,00	32,0	50,0	32,0	1,73	18,0	14,40	13,0	26,0	13,0	0,60	22,0
6,20	32,0	58,0	32,0	1,40	23,0	14,60	18,0	27,0	18,0	0,80	22,0
6,40	30,0	51,0	30,0	1,27	24,0	14,80	36,0	48,0	36,0	0,53	67,0
6,60	20,0	39,0	20,0	1,27	16,0	15,00	35,0	43,0	35,0	1,07	33,0
6,80	22,0	41,0	22,0	1,13	19,0	15,20	55,0	71,0	55,0	0,60	92,0
7,00	27,0	44,0	27,0	1,27	21,0	15,40	55,0	64,0	55,0	0,93	59,0
7,20	30,0	49,0	30,0	1,47	20,0	15,60	54,0	68,0	54,0	0,87	62,0
7,40	26,0	48,0	26,0	1,07	24,0	15,80	51,0	64,0	51,0	0,60	85,0
7,60	26,0	42,0	26,0	1,33	19,0	16,00	53,0	62,0	53,0	0,80	66,0
7,80	22,0	42,0	22,0	1,13	19,0	16,20	85,0	97,0	85,0	0,73	116,0
8,00	17,0	34,0	17,0	0,80	21,0	16,40	94,0	105,0	94,0	0,33	282,0
8,20	16,0	28,0	16,0	0,67	24,0	16,60	58,0	63,0	58,0	-----	----
8,40	17,0	27,0	17,0	0,73	23,0						

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 9

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note :

- data : 07/11/2001
- quota inizio : Piano Campagna
- prof. falda : 2,18 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	22,0	----	22,0	1,80	12,0	7,60	18,0	39,0	18,0	0,73	25,0
0,40	29,0	56,0	29,0	2,20	13,0	7,80	15,0	26,0	15,0	0,93	16,0
0,60	23,0	56,0	23,0	2,07	11,0	8,00	18,0	32,0	18,0	0,67	27,0
0,80	15,0	46,0	15,0	1,93	8,0	8,20	11,0	21,0	11,0	0,73	15,0
1,00	13,0	42,0	13,0	1,67	8,0	8,40	10,0	21,0	10,0	0,40	25,0
1,20	14,0	39,0	14,0	1,40	10,0	8,60	11,0	17,0	11,0	0,47	24,0
1,40	15,0	36,0	15,0	1,07	14,0	8,80	11,0	18,0	11,0	0,47	24,0
1,60	11,0	27,0	11,0	0,80	14,0	9,00	9,0	16,0	9,0	0,33	27,0
1,80	9,0	21,0	9,0	0,73	12,0	9,20	25,0	30,0	25,0	1,00	25,0
2,00	13,0	24,0	13,0	0,67	19,0	9,40	23,0	38,0	23,0	1,07	22,0
2,20	14,0	24,0	14,0	0,67	21,0	9,60	19,0	35,0	19,0	0,73	26,0
2,40	10,0	20,0	10,0	0,67	15,0	9,80	18,0	29,0	18,0	0,80	22,0
2,60	13,0	23,0	13,0	0,80	16,0	10,00	16,0	28,0	16,0	0,80	20,0
2,80	20,0	32,0	20,0	1,40	14,0	10,20	12,0	24,0	12,0	0,67	18,0
3,00	24,0	45,0	24,0	1,40	17,0	10,40	9,0	19,0	9,0	0,53	17,0
3,20	20,0	41,0	20,0	1,27	16,0	10,60	13,0	21,0	13,0	0,73	18,0
3,40	24,0	43,0	24,0	1,33	18,0	10,80	22,0	33,0	22,0	1,27	17,0
3,60	24,0	44,0	24,0	1,27	19,0	11,00	14,0	33,0	14,0	0,53	26,0
3,80	24,0	43,0	24,0	1,27	19,0	11,20	16,0	24,0	16,0	0,67	24,0
4,00	22,0	41,0	22,0	1,27	17,0	11,40	18,0	28,0	18,0	0,93	19,0
4,20	20,0	39,0	20,0	0,93	21,0	11,60	15,0	29,0	15,0	0,73	20,0
4,40	22,0	36,0	22,0	1,13	19,0	11,80	16,0	27,0	16,0	0,93	17,0
4,60	22,0	39,0	22,0	1,07	21,0	12,00	12,0	26,0	12,0	0,80	15,0
4,80	24,0	40,0	24,0	1,47	16,0	12,20	16,0	28,0	16,0	0,80	20,0
5,00	26,0	48,0	26,0	1,40	19,0	12,40	17,0	29,0	17,0	0,87	20,0
5,20	25,0	46,0	25,0	1,27	20,0	12,60	10,0	23,0	10,0	0,53	19,0
5,40	22,0	41,0	22,0	1,00	22,0	12,80	17,0	25,0	17,0	0,73	23,0
5,60	24,0	39,0	24,0	0,93	26,0	13,00	23,0	34,0	23,0	1,07	22,0
5,80	19,0	33,0	19,0	0,87	22,0	13,20	26,0	42,0	26,0	0,93	28,0
6,00	13,0	26,0	13,0	0,53	24,0	13,40	11,0	25,0	11,0	0,60	18,0
6,20	13,0	21,0	13,0	0,40	32,0	13,60	21,0	30,0	21,0	1,00	21,0
6,40	17,0	23,0	17,0	0,53	32,0	13,80	15,0	30,0	15,0	0,60	25,0
6,60	13,0	21,0	13,0	0,47	28,0	14,00	18,0	27,0	18,0	0,53	34,0
6,80	24,0	31,0	24,0	0,60	40,0	14,20	80,0	88,0	80,0	0,60	133,0
7,00	22,0	31,0	22,0	1,33	16,0	14,40	62,0	71,0	62,0	1,13	55,0
7,20	16,0	36,0	16,0	0,80	20,0	14,60	46,0	63,0	46,0	0,80	57,0
7,40	22,0	34,0	22,0	1,40	16,0	14,80	66,0	78,0	66,0	-----	----

- 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)

PROVA PENETROMETRICA STATICA

CPT 10

LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note : + 0.80 m rispetto p. c. circostante

- data : 07/11/2001
- quota inizio : Piano Campagna
- prof. falda : 2,00 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 ²				punta	laterale	kg/cm ²		
0,20	22,0	----	22,0	2,53	9,0	8,60	24,0	43,0	24,0	1,13	21,0
0,40	26,0	64,0	26,0	2,93	9,0	8,80	18,0	35,0	18,0	0,93	19,0
0,60	32,0	76,0	32,0	3,27	10,0	9,00	22,0	36,0	22,0	1,00	22,0
0,80	31,0	80,0	31,0	3,20	10,0	9,20	20,0	35,0	20,0	0,87	23,0
1,00	28,0	76,0	28,0	2,47	11,0	9,40	32,0	45,0	32,0	1,40	23,0
1,20	21,0	58,0	21,0	2,00	10,0	9,60	40,0	61,0	40,0	2,27	18,0
1,40	17,0	47,0	17,0	1,93	9,0	9,80	43,0	77,0	43,0	2,40	18,0
1,60	11,0	40,0	11,0	1,67	7,0	10,00	40,0	76,0	40,0	2,47	16,0
1,80	11,0	36,0	11,0	1,33	8,0	10,20	35,0	72,0	35,0	2,27	15,0
2,00	14,0	34,0	14,0	1,27	11,0	10,40	31,0	65,0	31,0	2,27	14,0
2,20	19,0	38,0	19,0	1,20	16,0	10,60	35,0	69,0	35,0	2,07	17,0
2,40	19,0	37,0	19,0	1,40	14,0	10,80	34,0	65,0	34,0	2,67	13,0
2,60	17,0	38,0	17,0	1,07	16,0	11,00	34,0	74,0	34,0	2,13	16,0
2,80	13,0	29,0	13,0	1,00	13,0	11,20	35,0	67,0	35,0	1,60	22,0
3,00	14,0	29,0	14,0	0,80	17,0	11,40	35,0	59,0	35,0	1,73	20,0
3,20	14,0	26,0	14,0	1,07	13,0	11,60	36,0	62,0	36,0	1,80	20,0
3,40	8,0	24,0	8,0	0,33	24,0	11,80	49,0	76,0	49,0	2,40	20,0
3,60	11,0	16,0	11,0	0,40	27,0	12,00	41,0	77,0	41,0	2,60	16,0
3,80	14,0	20,0	14,0	0,73	19,0	12,20	32,0	71,0	32,0	1,93	17,0
4,00	16,0	27,0	16,0	0,60	27,0	12,40	27,0	56,0	27,0	1,80	15,0
4,20	12,0	21,0	12,0	0,80	15,0	12,60	21,0	48,0	21,0	1,47	14,0
4,40	8,0	20,0	8,0	0,53	15,0	12,80	22,0	44,0	22,0	1,13	19,0
4,60	18,0	26,0	18,0	1,13	16,0	13,00	24,0	41,0	24,0	1,20	20,0
4,80	20,0	37,0	20,0	1,13	18,0	13,20	24,0	42,0	24,0	1,13	21,0
5,00	24,0	41,0	24,0	1,33	18,0	13,40	25,0	42,0	25,0	1,40	18,0
5,20	24,0	44,0	24,0	1,13	21,0	13,60	26,0	47,0	26,0	1,20	22,0
5,40	25,0	42,0	25,0	0,93	27,0	13,80	33,0	51,0	33,0	1,80	18,0
5,60	23,0	37,0	23,0	0,87	27,0	14,00	19,0	46,0	19,0	1,07	18,0
5,80	20,0	33,0	20,0	0,73	27,0	14,20	23,0	39,0	23,0	1,20	19,0
6,00	18,0	29,0	18,0	0,80	22,0	14,40	15,0	33,0	15,0	0,73	20,0
6,20	17,0	29,0	17,0	0,80	21,0	14,60	13,0	24,0	13,0	0,60	22,0
6,40	19,0	31,0	19,0	1,00	19,0	14,80	13,0	22,0	13,0	0,73	18,0
6,60	26,0	41,0	26,0	1,47	18,0	15,00	13,0	24,0	13,0	0,73	18,0
6,80	26,0	48,0	26,0	1,60	16,0	15,20	12,0	23,0	12,0	1,13	11,0
7,00	28,0	52,0	28,0	1,60	17,0	15,40	15,0	32,0	15,0	0,33	45,0
7,20	27,0	51,0	27,0	1,93	14,0	15,60	16,0	21,0	16,0	1,13	14,0
7,40	25,0	54,0	25,0	1,73	14,0	15,80	40,0	57,0	40,0	1,00	40,0
7,60	28,0	54,0	28,0	1,80	16,0	16,00	73,0	88,0	73,0	0,73	100,0
7,80	27,0	54,0	27,0	1,73	16,0	16,20	69,0	80,0	69,0	1,73	40,0
8,00	28,0	54,0	28,0	1,80	16,0	16,40	96,0	122,0	96,0	1,53	63,0
8,20	24,0	51,0	24,0	1,27	19,0	16,60	121,0	144,0	121,0	-----	----
8,40	26,0	45,0	26,0	1,27	21,0						

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 11

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Baccanello - Gualtieri (RE)
- note :

- data : 13/11/2001
- quota inizio : Piano Campagna
- prof. falda : 2,40 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	32,0	----	32,0	0,47	69,0	8,00	29,0	36,0	29,0	0,27	109,0
0,40	39,0	46,0	39,0	2,33	17,0	8,20	27,0	31,0	27,0	0,87	31,0
0,60	38,0	73,0	38,0	1,60	24,0	8,40	12,0	25,0	12,0	0,53	22,0
0,80	33,0	57,0	33,0	1,53	22,0	8,60	14,0	22,0	14,0	0,73	19,0
1,00	28,0	51,0	28,0	1,67	17,0	8,80	15,0	26,0	15,0	0,80	19,0
1,20	18,0	43,0	18,0	1,53	12,0	9,00	14,0	26,0	14,0	0,80	17,0
1,40	13,0	36,0	13,0	0,93	14,0	9,20	13,0	25,0	13,0	0,73	18,0
1,60	15,0	29,0	15,0	0,80	19,0	9,40	14,0	25,0	14,0	0,73	19,0
1,80	16,0	28,0	16,0	0,80	20,0	9,60	14,0	25,0	14,0	0,80	17,0
2,00	15,0	27,0	15,0	0,80	19,0	9,80	11,0	23,0	11,0	0,93	12,0
2,20	12,0	24,0	12,0	0,47	26,0	10,00	23,0	37,0	23,0	0,27	86,0
2,40	14,0	21,0	14,0	0,67	21,0	10,20	22,0	26,0	22,0	0,93	24,0
2,60	13,0	23,0	13,0	0,53	24,0	10,40	16,0	30,0	16,0	0,53	30,0
2,80	12,0	20,0	12,0	0,60	20,0	10,60	21,0	29,0	21,0	1,13	19,0
3,00	12,0	21,0	12,0	0,60	20,0	10,80	20,0	37,0	20,0	1,27	16,0
3,20	12,0	21,0	12,0	0,53	22,0	11,00	20,0	39,0	20,0	1,40	14,0
3,40	9,0	17,0	9,0	0,33	27,0	11,20	24,0	45,0	24,0	1,47	16,0
3,60	7,0	12,0	7,0	0,33	21,0	11,40	24,0	46,0	24,0	1,47	16,0
3,80	10,0	15,0	10,0	0,40	25,0	11,60	25,0	47,0	25,0	1,73	14,0
4,00	8,0	14,0	8,0	0,40	20,0	11,80	28,0	54,0	28,0	1,80	16,0
4,20	7,0	13,0	7,0	0,27	26,0	12,00	28,0	55,0	28,0	1,60	17,0
4,40	11,0	15,0	11,0	0,40	27,0	12,20	29,0	53,0	29,0	2,07	14,0
4,60	12,0	18,0	12,0	0,40	30,0	12,40	30,0	61,0	30,0	1,73	17,0
4,80	12,0	18,0	12,0	0,53	22,0	12,60	34,0	60,0	34,0	2,00	17,0
5,00	8,0	16,0	8,0	0,40	20,0	12,80	30,0	60,0	30,0	1,60	19,0
5,20	10,0	16,0	10,0	0,47	21,0	13,00	33,0	57,0	33,0	1,87	18,0
5,40	12,0	19,0	12,0	0,47	26,0	13,20	42,0	70,0	42,0	2,47	17,0
5,60	10,0	17,0	10,0	0,47	21,0	13,40	36,0	73,0	36,0	2,53	14,0
5,80	12,0	19,0	12,0	0,53	22,0	13,60	27,0	65,0	27,0	1,47	18,0
6,00	12,0	20,0	12,0	0,47	26,0	13,80	24,0	46,0	24,0	1,40	17,0
6,20	10,0	17,0	10,0	0,47	21,0	14,00	26,0	47,0	26,0	1,47	18,0
6,40	9,0	16,0	9,0	0,47	19,0	14,20	26,0	48,0	26,0	1,47	18,0
6,60	10,0	17,0	10,0	0,47	21,0	14,40	30,0	52,0	30,0	1,73	17,0
6,80	8,0	15,0	8,0	0,33	24,0	14,60	57,0	83,0	57,0	1,60	36,0
7,00	10,0	15,0	10,0	0,47	21,0	14,80	119,0	143,0	119,0	2,20	54,0
7,20	29,0	36,0	29,0	0,20	145,0	15,00	138,0	171,0	138,0	2,33	59,0
7,40	16,0	19,0	16,0	0,53	30,0	15,20	89,0	124,0	89,0	2,07	43,0
7,60	11,0	19,0	11,0	0,27	41,0	15,40	113,0	144,0	113,0	2,27	50,0
7,80	16,0	20,0	16,0	0,47	34,0	15,60	69,0	103,0	69,0	-----	----

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

PROVA PENETROMETRICA STATICA LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

CPT 12

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Via Teodori - Gualtieri (RE)
- note : foro chiuso a - 2.95 m da p.c. (falda assente)

- data : 13/11/2001
- 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 ²				punta	laterale	kg/cm ²		
0,20	10,0	----	10,0	0,87	12,0	7,00	29,0	48,0	29,0	1,40	21,0
0,40	8,0	21,0	8,0	0,60	13,0	7,20	28,0	49,0	28,0	1,20	23,0
0,60	12,0	21,0	12,0	0,67	18,0	7,40	27,0	45,0	27,0	1,07	25,0
0,80	12,0	22,0	12,0	0,67	18,0	7,60	26,0	42,0	26,0	0,87	30,0
1,00	13,0	23,0	13,0	0,73	18,0	7,80	23,0	36,0	23,0	1,00	23,0
1,20	14,0	25,0	14,0	0,80	17,0	8,00	24,0	39,0	24,0	1,07	22,0
1,40	13,0	25,0	13,0	0,80	16,0	8,20	26,0	42,0	26,0	0,87	30,0
1,60	11,0	23,0	11,0	0,53	21,0	8,40	20,0	33,0	20,0	0,87	23,0
1,80	12,0	20,0	12,0	0,47	26,0	8,60	14,0	27,0	14,0	0,67	21,0
2,00	15,0	22,0	15,0	0,73	20,0	8,80	13,0	23,0	13,0	0,73	18,0
2,20	15,0	26,0	15,0	0,87	17,0	9,00	16,0	27,0	16,0	0,67	24,0
2,40	11,0	24,0	11,0	0,47	24,0	9,20	18,0	28,0	18,0	0,80	22,0
2,60	12,0	19,0	12,0	0,33	36,0	9,40	20,0	32,0	20,0	0,87	23,0
2,80	14,0	19,0	14,0	0,47	30,0	9,60	25,0	38,0	25,0	1,20	21,0
3,00	13,0	20,0	13,0	0,53	24,0	9,80	23,0	41,0	23,0	1,20	19,0
3,20	15,0	23,0	15,0	0,73	20,0	10,00	22,0	40,0	22,0	1,13	19,0
3,40	17,0	28,0	17,0	0,67	25,0	10,20	36,0	53,0	36,0	1,67	22,0
3,60	16,0	26,0	16,0	0,60	27,0	10,40	44,0	69,0	44,0	2,53	17,0
3,80	14,0	23,0	14,0	0,47	30,0	10,60	44,0	82,0	44,0	2,47	18,0
4,00	15,0	22,0	15,0	0,53	28,0	10,80	35,0	72,0	35,0	2,07	17,0
4,20	13,0	21,0	13,0	0,47	28,0	11,00	31,0	62,0	31,0	1,67	19,0
4,40	11,0	18,0	11,0	0,33	33,0	11,20	28,0	53,0	28,0	1,47	19,0
4,60	13,0	18,0	13,0	0,47	28,0	11,40	23,0	45,0	23,0	1,53	15,0
4,80	13,0	20,0	13,0	0,60	22,0	11,60	25,0	48,0	25,0	1,47	17,0
5,00	13,0	22,0	13,0	0,53	24,0	11,80	27,0	49,0	27,0	1,47	18,0
5,20	17,0	25,0	17,0	0,80	21,0	12,00	26,0	48,0	26,0	1,40	19,0
5,40	18,0	30,0	18,0	0,73	25,0	12,20	28,0	49,0	28,0	1,53	18,0
5,60	14,0	25,0	14,0	0,67	21,0	12,40	20,0	43,0	20,0	1,33	15,0
5,80	13,0	23,0	13,0	0,73	18,0	12,60	16,0	36,0	16,0	0,73	22,0
6,00	18,0	29,0	18,0	1,07	17,0	12,80	55,0	66,0	55,0	2,07	27,0
6,20	22,0	38,0	22,0	1,00	22,0	13,00	98,0	129,0	98,0	2,07	47,0
6,40	21,0	36,0	21,0	0,93	22,0	13,20	108,0	139,0	108,0	2,93	37,0
6,60	22,0	36,0	22,0	1,00	22,0	13,40	120,0	164,0	120,0	-----	----
6,80	24,0	39,0	24,0	1,27	19,0						

- 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)

PROVA PENETROMETRICA STATICA

CPT 13

LETTURE DI CAMPAGNA / VALORI DI RESISTENZA

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Via Teodori - Gualtieri (RE)
- note : + 1.0 m da p.c. circostante, foro chiuso a - 2.95

- data : 13/11/2001
- 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 ²				punta	laterale	kg/cm ²		
0,20	16,0	----	16,0	1,27	13,0	9,20	17,0	25,0	17,0	0,60	28,0
0,40	17,0	36,0	17,0	1,80	9,0	9,40	30,0	39,0	30,0	1,20	25,0
0,60	30,0	57,0	30,0	1,60	19,0	9,60	18,0	36,0	18,0	1,00	18,0
0,80	30,0	54,0	30,0	1,40	21,0	9,80	17,0	32,0	17,0	0,73	23,0
1,00	24,0	45,0	24,0	1,33	18,0	10,00	13,0	24,0	13,0	0,67	19,0
1,20	24,0	44,0	24,0	1,87	13,0	10,20	12,0	22,0	12,0	0,73	16,0
1,40	30,0	58,0	30,0	2,67	11,0	10,40	12,0	23,0	12,0	0,47	26,0
1,60	24,0	64,0	24,0	2,47	10,0	10,60	15,0	22,0	15,0	0,60	25,0
1,80	23,0	60,0	23,0	2,20	10,0	10,80	11,0	20,0	11,0	0,47	24,0
2,00	20,0	53,0	20,0	1,73	12,0	11,00	17,0	24,0	17,0	0,73	23,0
2,20	20,0	46,0	20,0	1,40	14,0	11,20	15,0	26,0	15,0	0,60	25,0
2,40	16,0	37,0	16,0	1,13	14,0	11,40	15,0	24,0	15,0	0,80	19,0
2,60	15,0	32,0	15,0	0,80	19,0	11,60	18,0	30,0	18,0	0,80	22,0
2,80	6,0	18,0	6,0	0,60	10,0	11,80	25,0	37,0	25,0	1,40	18,0
3,00	8,0	17,0	8,0	0,47	17,0	12,00	17,0	38,0	17,0	0,87	20,0
3,20	10,0	17,0	10,0	0,60	17,0	12,20	26,0	39,0	26,0	1,00	26,0
3,40	10,0	19,0	10,0	0,47	21,0	12,40	13,0	28,0	13,0	0,60	22,0
3,60	18,0	25,0	18,0	0,87	21,0	12,60	13,0	22,0	13,0	0,80	16,0
3,80	22,0	35,0	22,0	1,27	17,0	12,80	13,0	25,0	13,0	0,73	18,0
4,00	21,0	40,0	21,0	1,07	20,0	13,00	14,0	25,0	14,0	0,93	15,0
4,20	18,0	34,0	18,0	0,93	19,0	13,20	16,0	30,0	16,0	0,87	18,0
4,40	24,0	38,0	24,0	1,20	20,0	13,40	23,0	36,0	23,0	1,33	17,0
4,60	27,0	45,0	27,0	1,53	18,0	13,60	23,0	43,0	23,0	1,20	19,0
4,80	27,0	50,0	27,0	1,33	20,0	13,80	18,0	36,0	18,0	1,07	17,0
5,00	28,0	48,0	28,0	1,40	20,0	14,00	14,0	30,0	14,0	0,87	16,0
5,20	22,0	43,0	22,0	1,13	19,0	14,20	17,0	30,0	17,0	0,80	21,0
5,40	22,0	39,0	22,0	1,07	21,0	14,40	26,0	38,0	26,0	1,40	19,0
5,60	21,0	37,0	21,0	1,07	20,0	14,60	18,0	39,0	18,0	0,93	19,0
5,80	22,0	38,0	22,0	1,00	22,0	14,80	14,0	28,0	14,0	0,73	19,0
6,00	22,0	37,0	22,0	1,00	22,0	15,00	13,0	24,0	13,0	0,67	19,0
6,20	21,0	36,0	21,0	0,93	22,0	15,20	14,0	24,0	14,0	0,73	19,0
6,40	18,0	32,0	18,0	0,80	22,0	15,40	21,0	32,0	21,0	1,00	21,0
6,60	22,0	34,0	22,0	0,73	30,0	15,60	37,0	52,0	37,0	0,60	62,0
6,80	25,0	36,0	25,0	1,13	22,0	15,80	22,0	31,0	22,0	0,87	25,0
7,00	25,0	42,0	25,0	1,27	20,0	16,00	21,0	34,0	21,0	0,73	29,0
7,20	21,0	40,0	21,0	1,27	17,0	16,20	29,0	40,0	29,0	1,07	27,0
7,40	22,0	41,0	22,0	1,07	21,0	16,40	51,0	67,0	51,0	0,80	64,0
7,60	25,0	41,0	25,0	1,07	23,0	16,60	42,0	54,0	42,0	0,60	70,0
7,80	26,0	42,0	26,0	1,33	19,0	16,80	11,0	20,0	11,0	1,00	11,0
8,00	24,0	44,0	24,0	1,07	22,0	17,00	74,0	89,0	74,0	1,67	44,0
8,20	22,0	38,0	22,0	1,13	19,0	17,20	70,0	95,0	70,0	1,93	36,0
8,40	25,0	42,0	25,0	1,07	23,0	17,40	76,0	105,0	76,0	1,60	47,0
8,60	27,0	43,0	27,0	1,27	21,0	17,60	104,0	128,0	104,0	2,07	50,0
8,80	20,0	39,0	20,0	0,73	27,0	17,80	91,0	122,0	91,0	-----	-----
9,00	15,0	26,0	15,0	0,53	28,0						

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

PROVA PENETROMETRICA STATICA**CPT 14****LETTURE DI CAMPAGNA / VALORI DI RESISTENZA**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Collettore Alfieri, Loc. Casella Bianca - Gualtieri
 - note : + 1.2 m da p.c. circostante, foro chiuso a - 3.20

- data : 13/11/2001
 - 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 ²				punta	laterale	kg/cm ²		
0,20	8,0	----	8,0	0,73	11,0	8,20	24,0	44,0	24,0	1,53	16,0
0,40	8,0	19,0	8,0	0,93	9,0	8,40	20,0	43,0	20,0	1,33	15,0
0,60	7,0	21,0	7,0	0,73	10,0	8,60	22,0	42,0	22,0	1,40	16,0
0,80	9,0	20,0	9,0	0,73	12,0	8,80	21,0	42,0	21,0	1,20	17,0
1,00	9,0	20,0	9,0	0,60	15,0	9,00	25,0	43,0	25,0	1,27	20,0
1,20	9,0	18,0	9,0	0,53	17,0	9,20	18,0	37,0	18,0	1,07	17,0
1,40	8,0	16,0	8,0	0,53	15,0	9,40	28,0	44,0	28,0	1,47	19,0
1,60	10,0	18,0	10,0	0,53	19,0	9,60	36,0	58,0	36,0	1,80	20,0
1,80	15,0	23,0	15,0	0,60	25,0	9,80	42,0	69,0	42,0	2,80	15,0
2,00	19,0	28,0	19,0	0,80	24,0	10,00	45,0	87,0	45,0	2,33	19,0
2,20	16,0	28,0	16,0	0,73	22,0	10,20	39,0	74,0	39,0	2,27	17,0
2,40	17,0	28,0	17,0	0,73	23,0	10,40	30,0	64,0	30,0	2,07	15,0
2,60	15,0	26,0	15,0	0,60	25,0	10,60	28,0	59,0	28,0	1,80	16,0
2,80	14,0	23,0	14,0	0,53	26,0	10,80	38,0	65,0	38,0	2,73	14,0
3,00	12,0	20,0	12,0	0,47	26,0	11,00	36,0	77,0	36,0	2,53	14,0
3,20	9,0	16,0	9,0	0,40	22,0	11,20	38,0	76,0	38,0	2,73	14,0
3,40	7,0	13,0	7,0	0,40	17,0	11,40	39,0	80,0	39,0	2,53	15,0
3,60	7,0	13,0	7,0	0,27	26,0	11,60	40,0	78,0	40,0	2,00	20,0
3,80	7,0	11,0	7,0	0,27	26,0	11,80	36,0	66,0	36,0	1,73	21,0
4,00	19,0	23,0	19,0	0,47	41,0	12,00	27,0	53,0	27,0	1,73	16,0
4,20	9,0	16,0	9,0	0,47	19,0	12,20	32,0	58,0	32,0	1,60	20,0
4,40	3,0	10,0	3,0	0,27	11,0	12,40	36,0	60,0	36,0	1,93	19,0
4,60	8,0	12,0	8,0	0,47	17,0	12,60	34,0	63,0	34,0	2,00	17,0
4,80	15,0	22,0	15,0	0,80	19,0	12,80	41,0	71,0	41,0	2,93	14,0
5,00	16,0	28,0	16,0	0,80	20,0	13,00	40,0	84,0	40,0	1,87	21,0
5,20	18,0	30,0	18,0	1,07	17,0	13,20	37,0	65,0	37,0	1,87	20,0
5,40	17,0	33,0	17,0	0,93	18,0	13,40	36,0	64,0	36,0	1,87	19,0
5,60	19,0	33,0	19,0	0,93	20,0	13,60	36,0	64,0	36,0	1,47	25,0
5,80	19,0	33,0	19,0	1,07	18,0	13,80	33,0	55,0	33,0	1,47	22,0
6,00	20,0	36,0	20,0	1,13	18,0	14,00	33,0	55,0	33,0	1,47	22,0
6,20	27,0	44,0	27,0	1,53	18,0	14,20	31,0	53,0	31,0	1,60	19,0
6,40	26,0	49,0	26,0	1,33	19,0	14,40	30,0	54,0	30,0	1,67	18,0
6,60	28,0	48,0	28,0	1,73	16,0	14,60	30,0	55,0	30,0	1,00	30,0
6,80	28,0	54,0	28,0	1,60	17,0	14,80	32,0	47,0	32,0	1,13	28,0
7,00	23,0	47,0	23,0	1,27	18,0	15,00	19,0	36,0	19,0	0,93	20,0
7,20	23,0	42,0	23,0	1,07	22,0	15,20	18,0	32,0	18,0	1,00	18,0
7,40	27,0	43,0	27,0	1,40	19,0	15,40	15,0	30,0	15,0	0,80	19,0
7,60	23,0	44,0	23,0	1,07	22,0	15,60	15,0	27,0	15,0	0,53	28,0
7,80	22,0	38,0	22,0	1,20	18,0	15,80	17,0	25,0	17,0	-----	----
8,00	25,0	43,0	25,0	1,33	19,0						

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

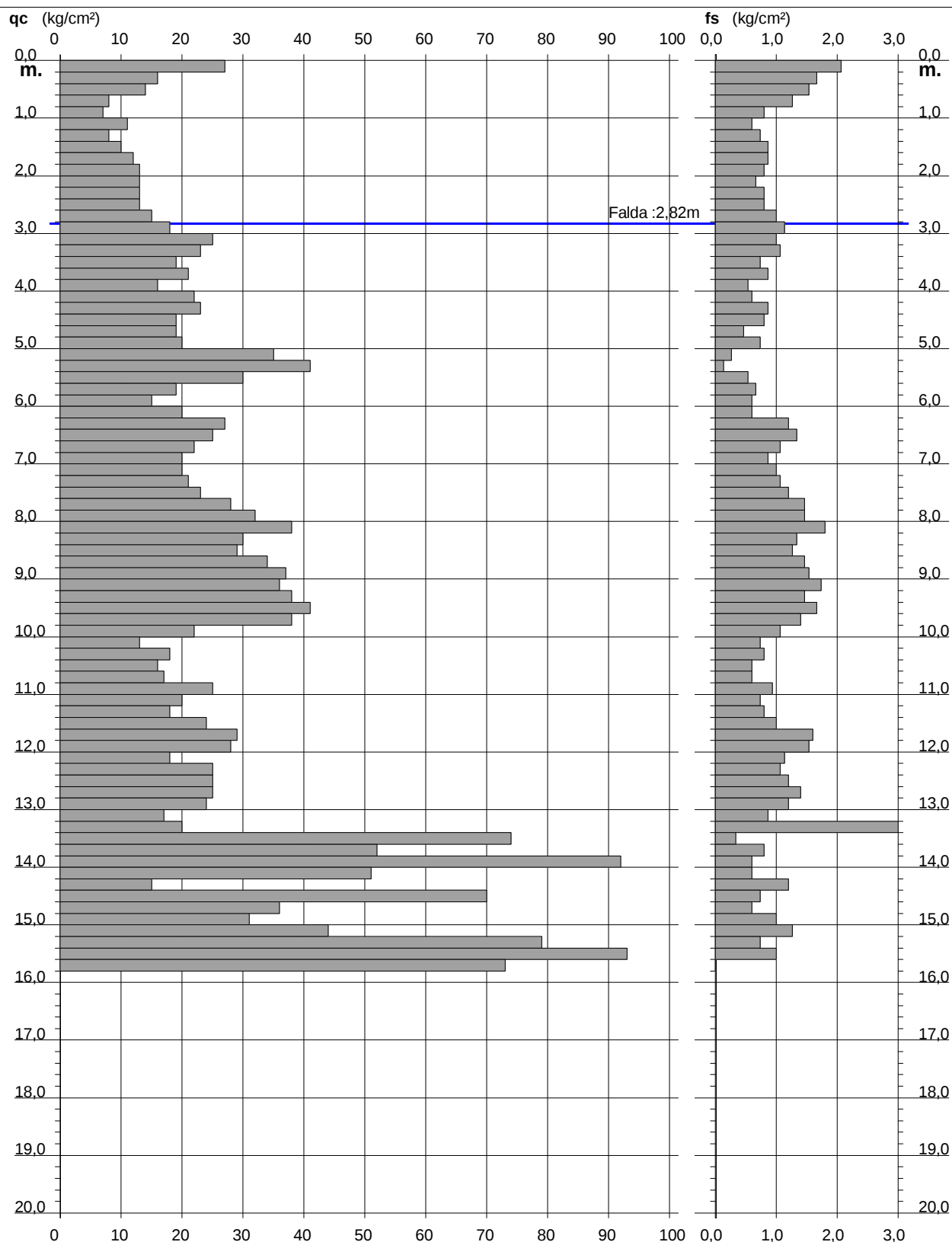
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 2

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Santa Vittoria di Gualtieri (RE)

- data : 07/11/2001
- quota inizio : + 1.5 m da piano campagna
- prof. falda : 2,82 m da quota inizio
- scala vert.: 1 : 100



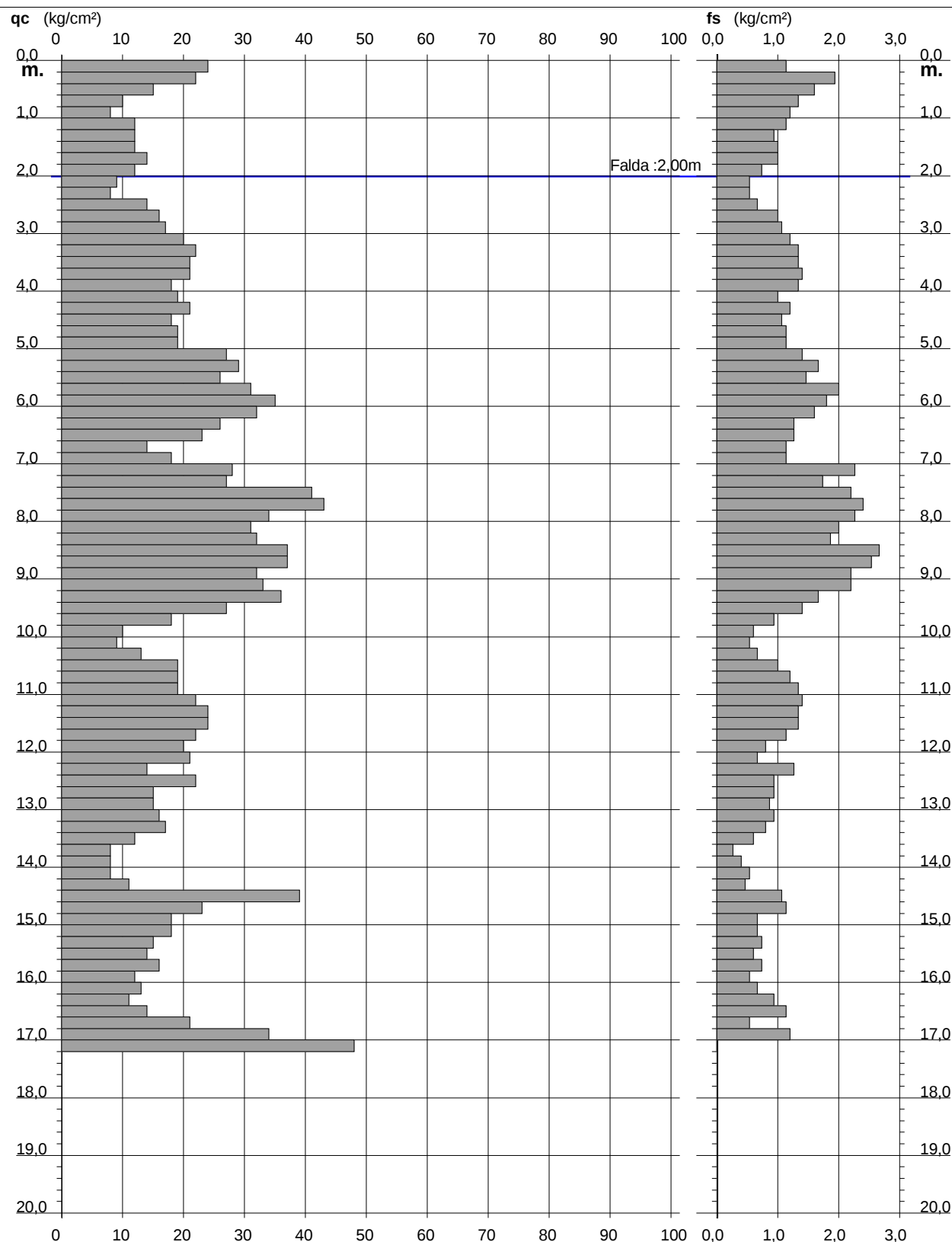
PROVA PENETROMETRICA STATICA **DIAGRAMMA DI RESISTENZA**

CPT 3

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Santa Vittoria di Gualtieri (RE)

- data : 11/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 2,00 m da quota inizio
 - scala vert.: 1 : 100



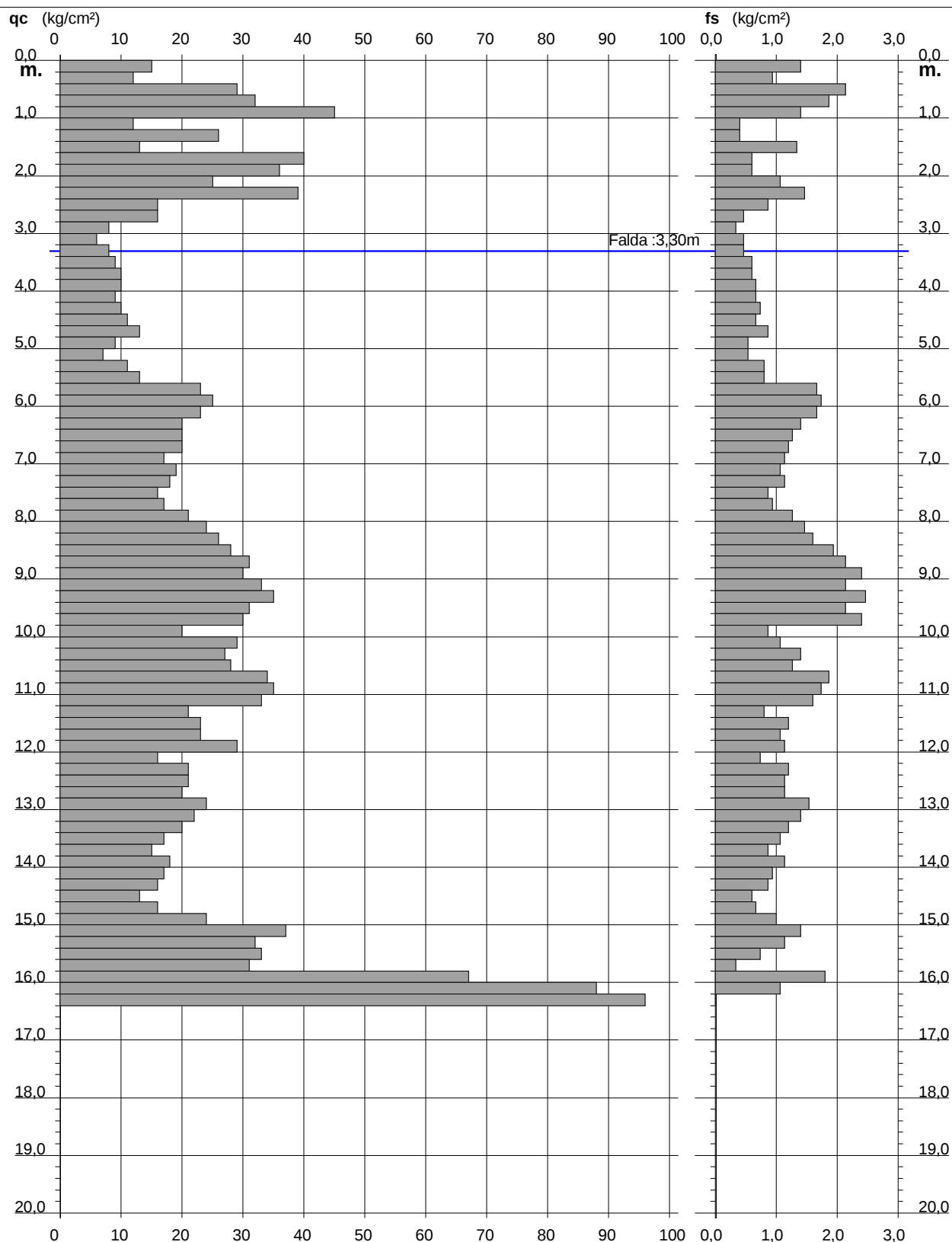
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 4

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)

- data : 11/09/2001
- quota inizio : Piano Campagna
- prof. falda : 3,30 m da quota inizio
- scala vert.: 1 : 100

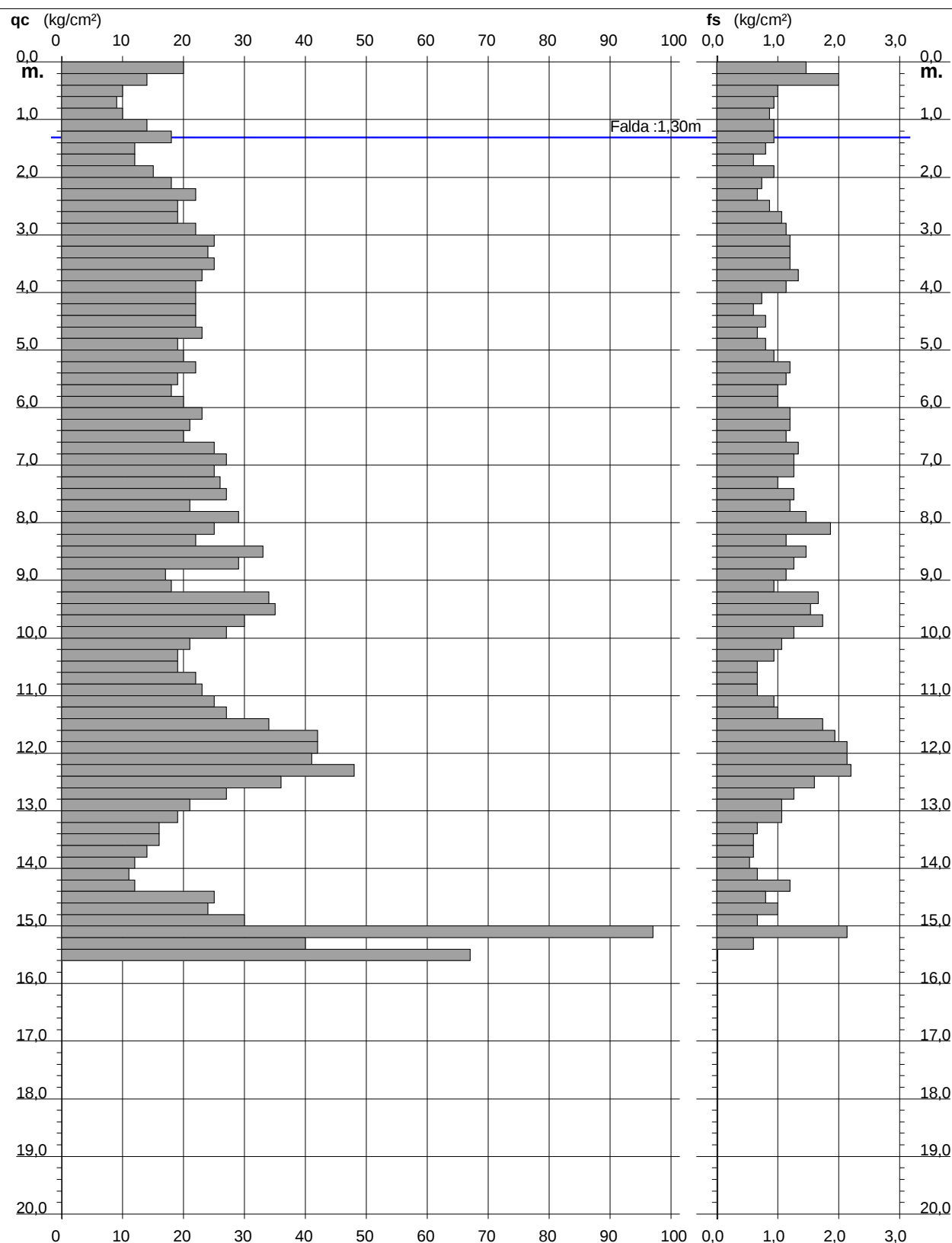


**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA****CPT 5**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Santa Vittoria di Gualtieri (RE)

- data : 12/09/2001
- quota inizio : Piano Campagna
- prof. falda : 1,30 m da quota inizio
- scala vert.: 1 : 100



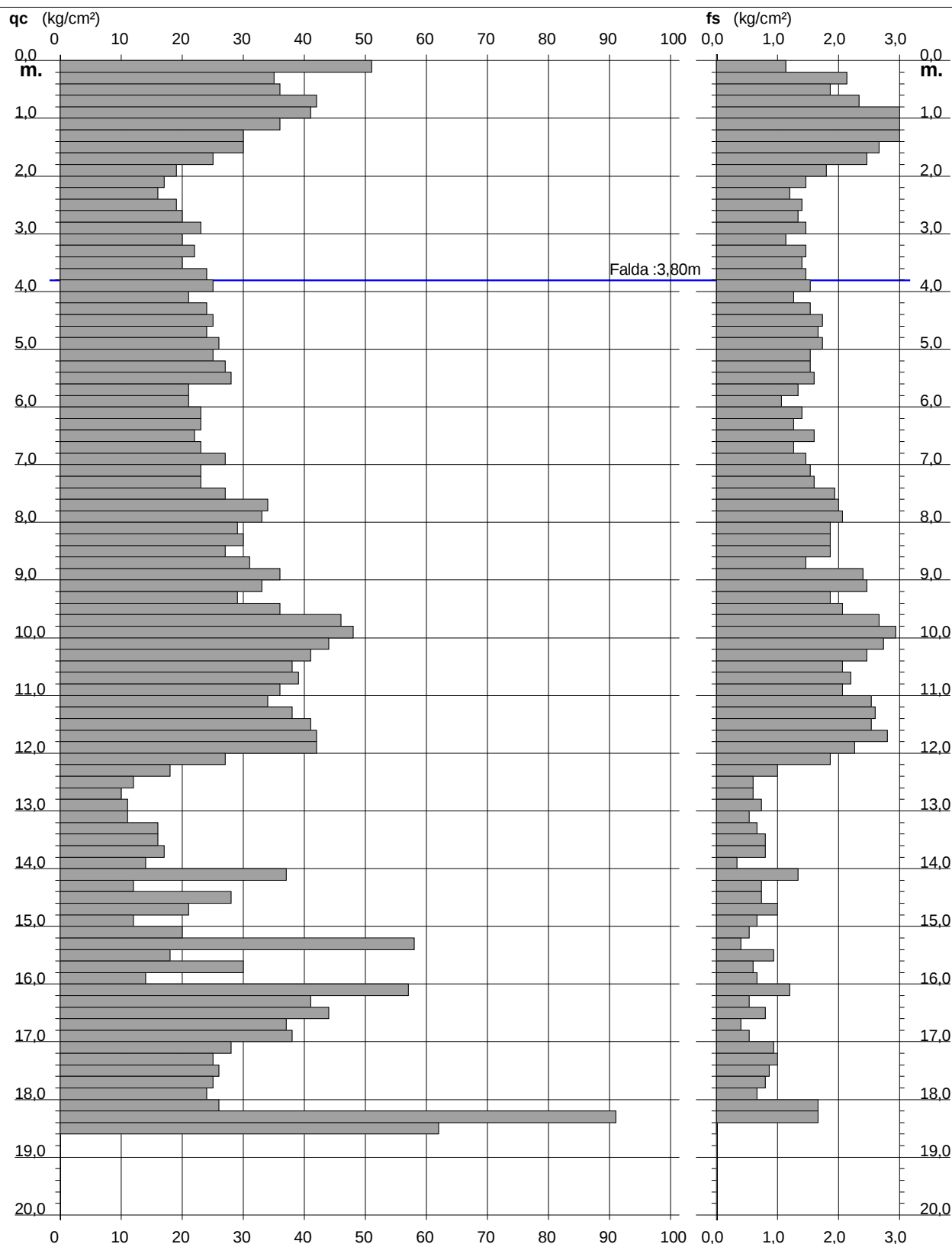
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 6

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Gualtieri (RE)

- data : 12/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 3,80 m da quota inizio
 - scala vert.: 1 : 100



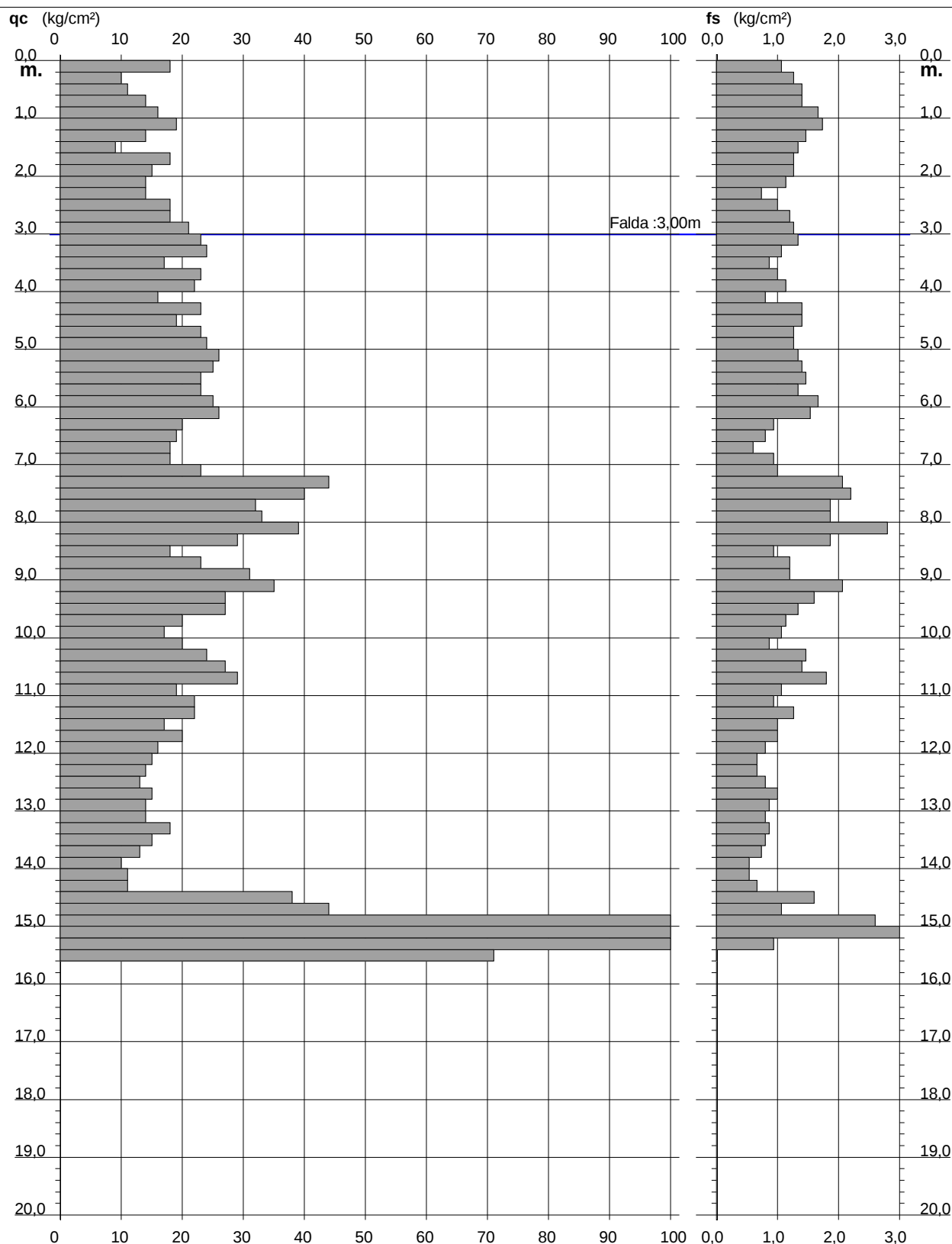
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 7

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Gualtieri (RE)

- data : 12/09/2001
 - quota inizio : Piano Campagna
 - prof. falda : 3,00 m da quota inizio
 - scala vert.: 1 : 100



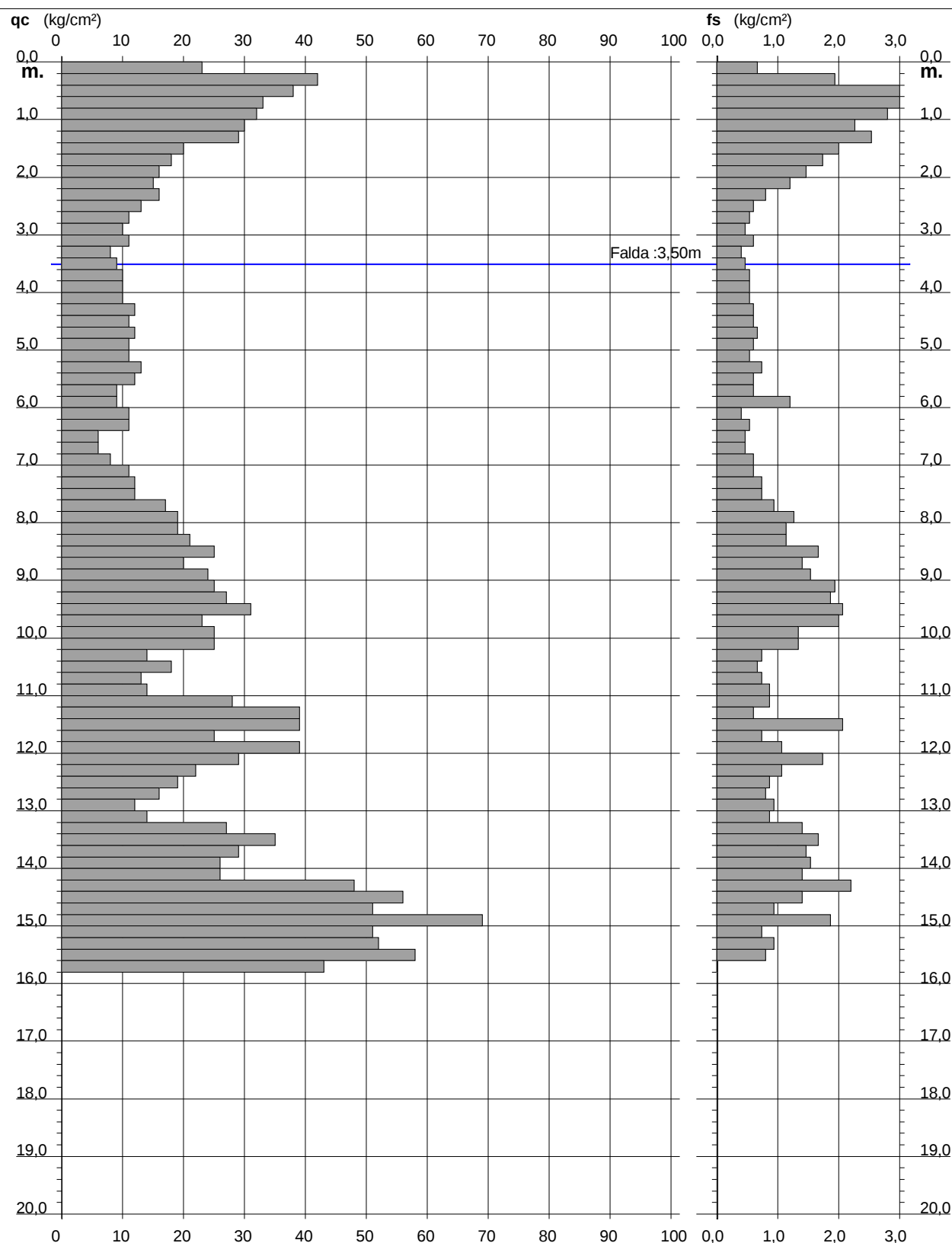
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 1

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Santa Vittoria di Gualtieri (RE)

- data : 11/09/2001
- quota inizio : Piano Campagna
- prof. falda : 3,50 m da quota inizio
- scala vert.: 1 : 100



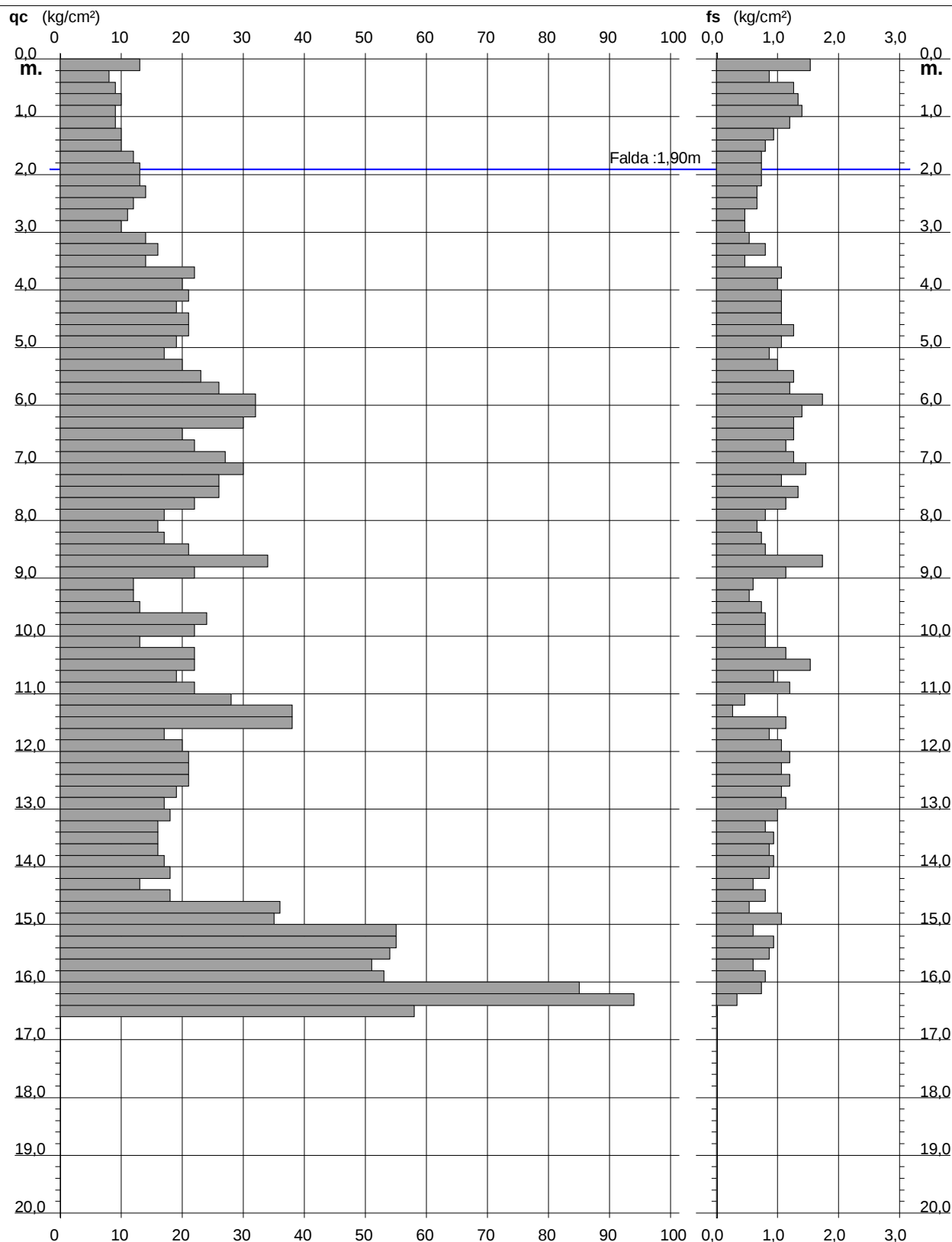
PROVA PENETROMETRICA STATICA **DIAGRAMMA DI RESISTENZA**

CPT 8

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Gualtieri (RE)
 - note : + 0.7 m rispetto quota p.c. circostante

- data : 07/11/2001
 - quota inizio : Piano Campagna
 - prof. falda : 1,90 m da quota inizio
 - scala vert.: 1 : 100

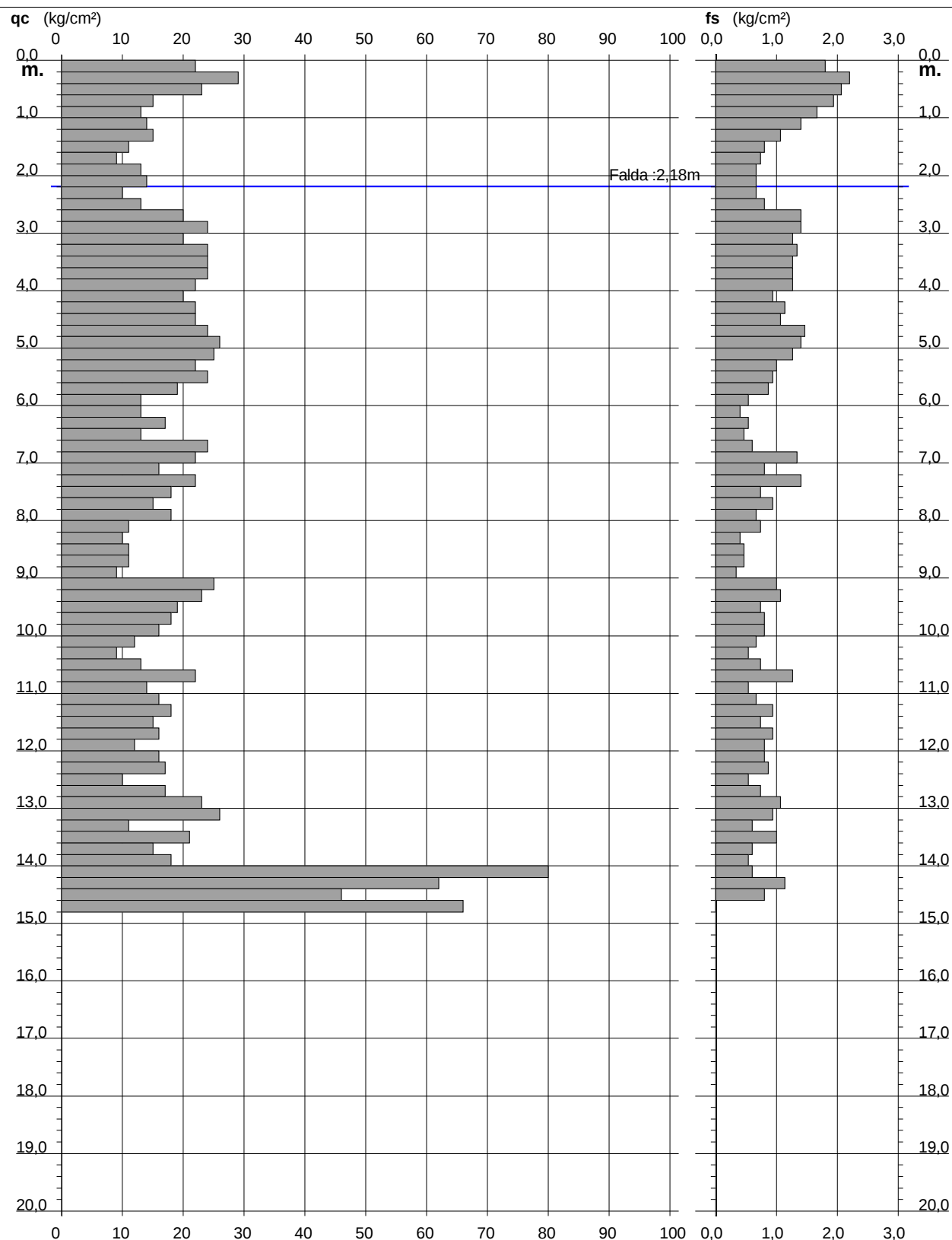


**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA****CPT 9**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)

- data : 07/11/2001
- quota inizio : Piano Campagna
- prof. falda : 2,18 m da quota inizio
- scala vert.: 1 : 100



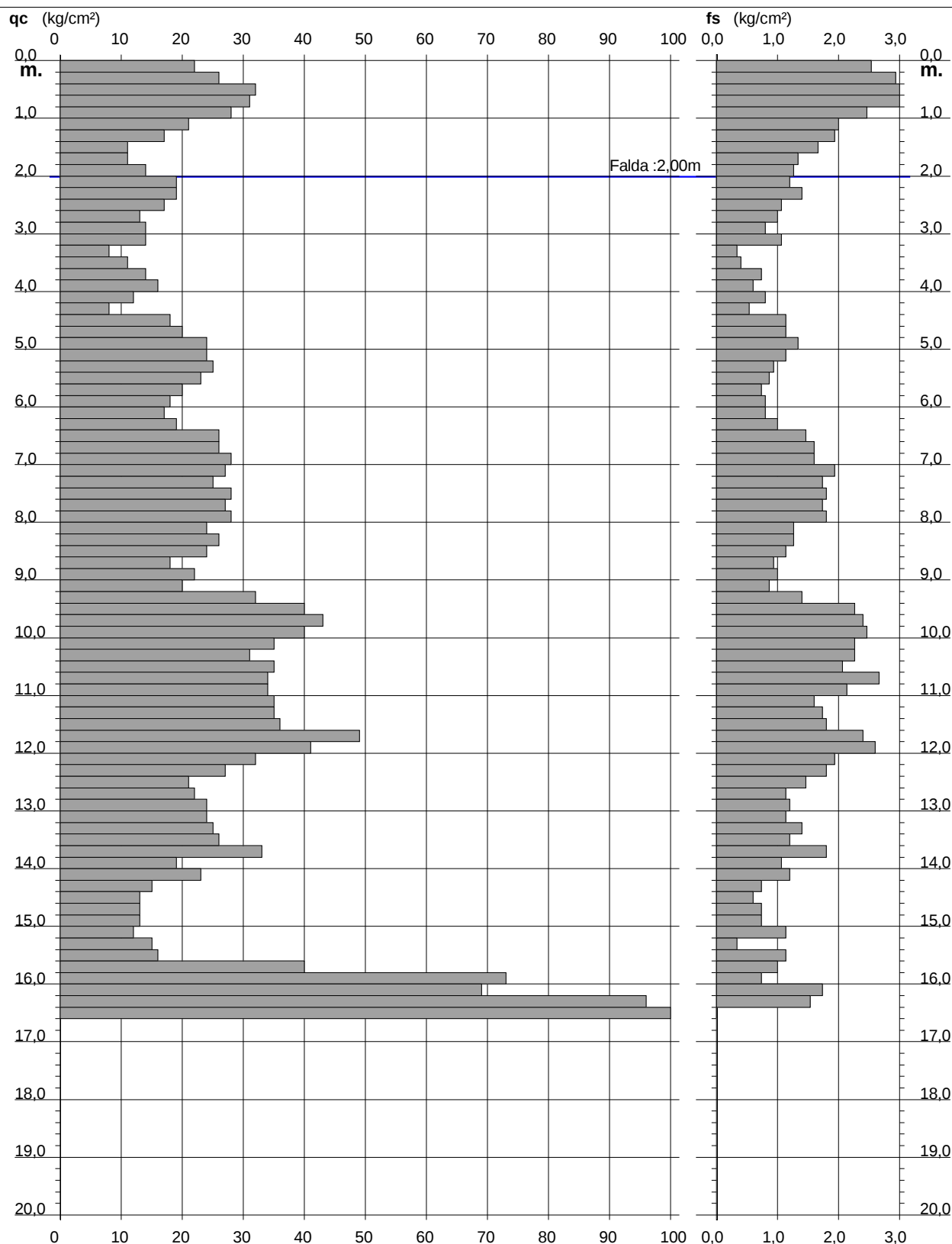
PROVA PENETROMETRICA STATICA DIAGRAMMA DI RESISTENZA

CPT 10

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Gualtieri (RE)
- note : + 0.80 m rispetto p. c. circostante

- data : 07/11/2001
- quota inizio : Piano Campagna
- prof. falda : 2,00 m da quota inizio
- scala vert.: 1 : 100



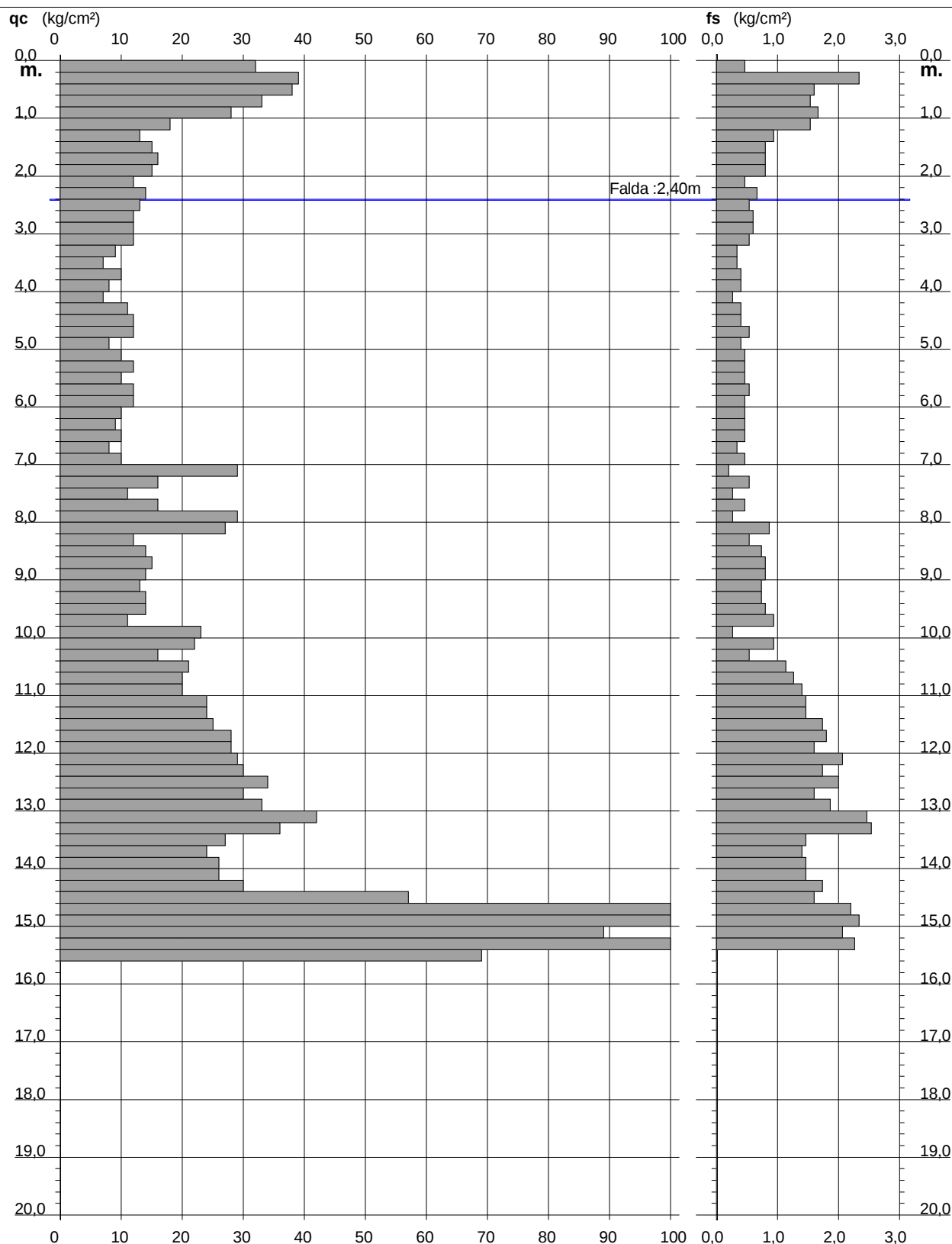
PROVA PENETROMETRICA STATICA **DIAGRAMMA DI RESISTENZA**

CPT 11

2.01PG05-007

- committente : Comune di Gualtieri (RE)
 - lavoro : Relazione Geologica P.S.C. - anno 2007
 - località : Baccanello - Gualtieri (RE)

- data : 13/11/2001
 - quota inizio : Piano Campagna
 - prof. falda : 2,40 m da quota inizio
 - scala vert.: 1 : 100

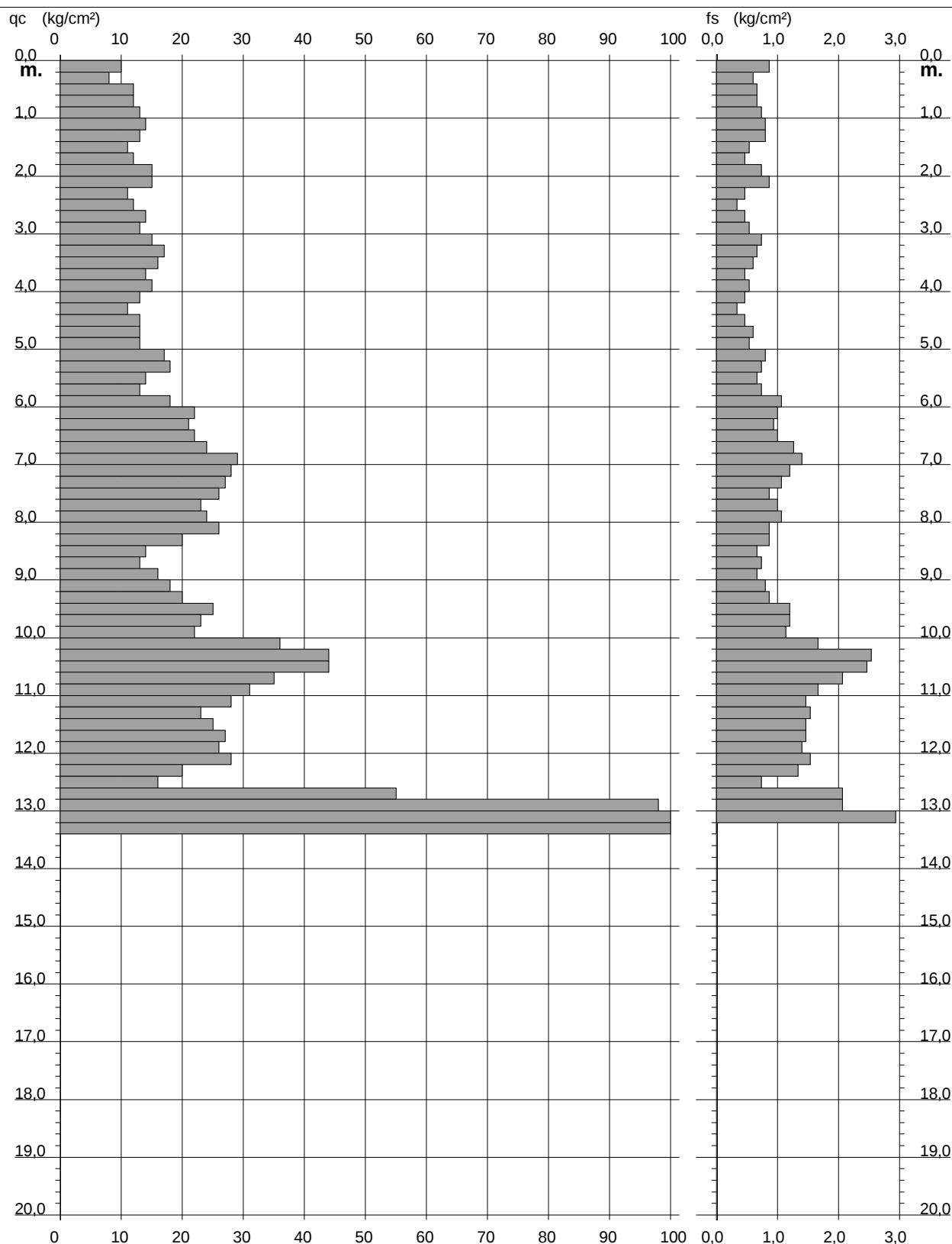


**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA****CPT 12**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Via Teodori - Gualtieri (RE)
- note : foro chiuso a - 2.95 m da p.c. (falda assente)

- data : 13/11/2001
- quota inizio : Piano Campagna
- prof. falda : Falda non rilevata
- scala vert.: 1 : 100

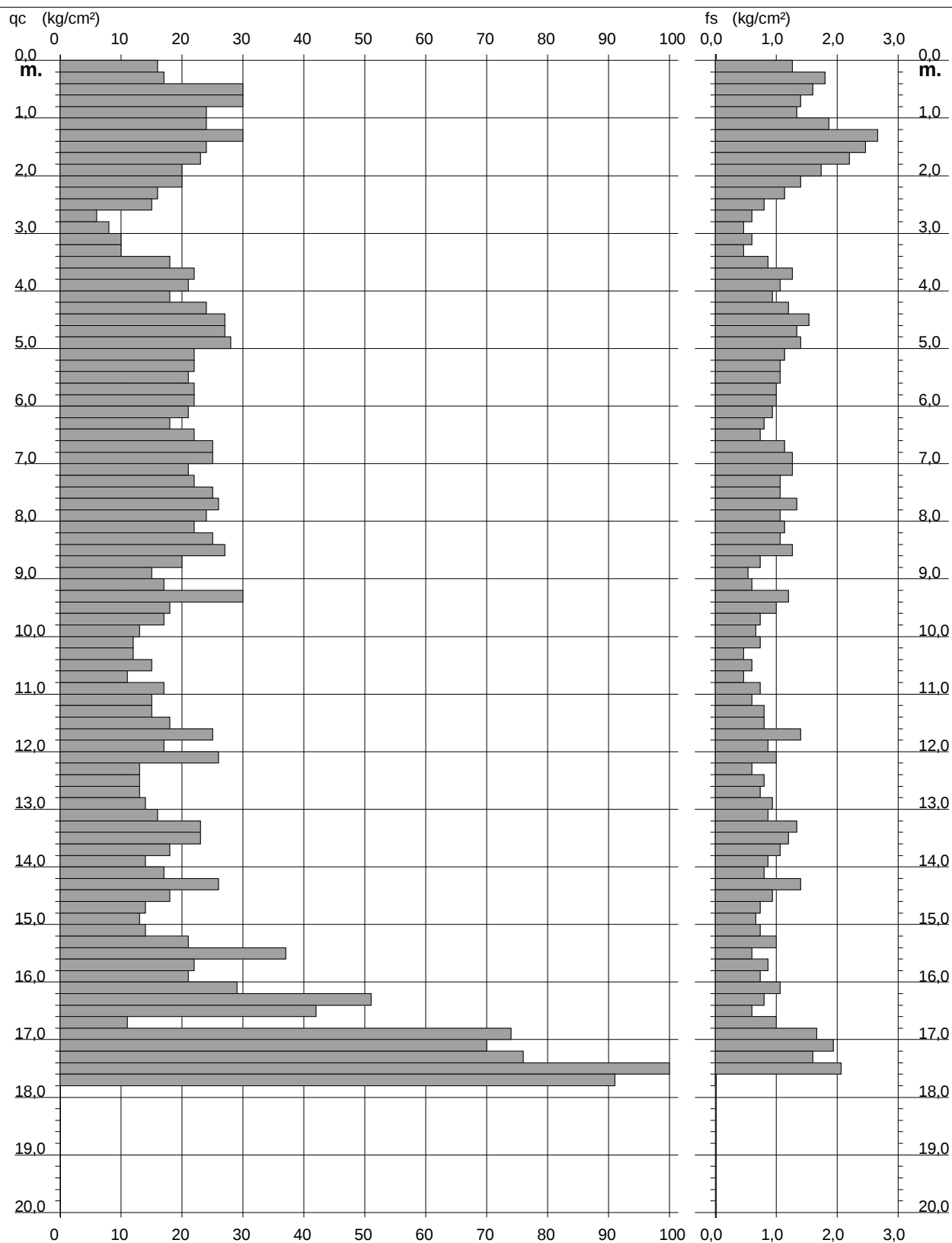


**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA****CPT 13**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Via Teodori - Gualtieri (RE)
- note : + 1.0 m da p.c. circostante, foro chiuso a - 2.95

- data : 13/11/2001
- quota inizio : Piano Campagna
- prof. falda : Falda non rilevata
- scala vert.: 1 : 100



**PROVA PENETROMETRICA STATICA
DIAGRAMMA DI RESISTENZA****CPT 14**

2.01PG05-007

- committente : Comune di Gualtieri (RE)
- lavoro : Relazione Geologica P.S.C. - anno 2007
- località : Collettore Alfieri, Loc. Casella Bianca - Gualtieri
- note : + 1.2 m da p.c. circostante, foro chiuso a - 3.20

- data : 13/11/2001
- quota inizio : Piano Campagna
- prof. falda : Falda non rilevata
- scala vert.: 1 : 100

