

Attuazione dell'articolo 11 della legge 24 giugno 2009, n.77

MICROZONAZIONE SISMICA

Allegato n° 1 Indagini integrative

Regione Emilia–Romagna
Comune di Fontanellato



<p>Regione</p> <p>Emilia–Romagna</p>	<p>Soggetto realizzatore</p>  <p>Dott. Geol. Stefano Castagnetti</p> <p>Collaboratori:</p> <p>Dott. Geol. Marco Baldi Dott. Geol. Marco Carretta</p>	<p>Data</p> <p>Gennaio 2023</p>
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COMMITTENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Strada Lunga - 43012 Fontanellato - PR

PROVA N°: SCPTU 1 **PROF. Falda (m da p.c.):** 2.60

DATA: 12/12/22 **PREFORO (m da p.c.):**

COMMESSA: 0601-22 **C. SITO N°:** SF221362 del 15/12/22 **OPERATORE:** L. Formisano

PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

LAT. (WGS 84): 44.885507° **LONG. (WGS 84): 10.176183°**

prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
0.02	1.57	1.2	14	0.10	2.02	1.86	118.2	31	0.79	4.02	1.37	56.6	107	1.34	6.02	1.79	75.8	121	1.88	8.02	1.37	53.4	178	2.53
0.04	2.42	3.5	18	0.11	2.04	1.87	117.0	33	0.80	4.04	1.49	54.0	125	1.34	6.04	1.82	75.5	122	1.88	8.04	1.39	53.9	179	2.53
0.06	3.06	20.3	20	0.11	2.06	1.89	116.3	33	0.81	4.06	1.60	54.4	128	1.35	6.06	1.84	76.7	122	1.89	8.06	1.45	54.2	184	2.53
0.08	3.63	36.1	8	0.12	2.08	1.92	113.2	34	0.82	4.08	1.76	56.1	127	1.36	6.08	1.85	77.2	126	1.89	8.08	1.46	55.1	183	2.54
0.10	4.37	51.6	2	0.13	2.10	1.95	115.5	35	0.82	4.10	1.81	59.0	126	1.36	6.10	1.84	78.3	123	1.90	8.10	1.49	55.1	181	2.54
0.12	4.28	75.4	3	0.14	2.12	1.92	117.4	37	0.83	4.12	1.81	63.6	131	1.37	6.12	1.81	79.3	119	1.90	8.12	1.47	54.8	178	2.55
0.14	4.04	85.4	1	0.14	2.14	1.85	119.1	38	0.84	4.14	1.85	66.0	125	1.37	6.14	1.74	81.2	122	1.91	8.14	1.50	55.8	178	2.55
0.16	3.63	90.6	2	0.15	2.16	1.83	120.5	39	0.85	4.16	1.80	70.1	124	1.38	6.16	1.76	81.8	124	1.92	8.16	1.51	56.9	176	2.56
0.18	3.21	95.5	5	0.16	2.18	1.76	119.4	39	0.85	4.18	1.80	74.7	123	1.38	6.18	1.73	82.3	125	1.92	8.18	1.50	58.7	179	2.56
0.20	2.65	86.3	6	0.17	2.20	1.69	118.1	41	0.85	4.20	1.72	80.7	120	1.38	6.20	1.68	83.8	129	1.92	8.20	1.50	60.2	180	2.57
0.22	2.52	80.8	3	0.17	2.22	1.72	117.5	33	0.83	4.22	1.71	85.1	119	1.39	6.22	1.66	83.3	135	1.93	8.22	1.52	61.0	179	2.57
0.24	2.31	82.0	0	0.18	2.24	1.51	120.4	37	0.84	4.24	1.66	89.3	117	1.39	6.24	1.69	81.9	132	1.93	8.24	1.55	61.6	181	2.58
0.26	2.09	80.3	12	0.19	2.26	1.44	115.2	38	0.85	4.26	1.68	89.0	117	1.40	6.26	1.76	78.2	130	1.94	8.26	1.54	62.8	182	2.58
0.28	2.48	91.5	21	0.20	2.28	1.39	111.5	38	0.85	4.28	1.68	89.8	118	1.40	6.28	1.72	73.6	131	1.94	8.28	1.58	61.2	183	2.59
0.30	2.83	91.7	2	0.20	2.30	1.37	104.7	35	0.87	4.30	1.68	90.2	119	1.41	6.30	1.62	72.3	122	1.95	8.30	1.60	61.0	183	2.60
0.32	3.22	105.3	9	0.21	2.32	1.37	99.3	16	0.86	4.32	1.72	89.7	131	1.42	6.32	1.52	72.8	120	1.95	8.32	1.58	61.0	184	2.60
0.34	3.89	112.0	9	0.22	2.34	1.33	93.9	21	0.87	4.34	1.76	89.4	131	1.42	6.34	1.47	72.0	119	1.96	8.34	1.58	63.0	182	2.61
0.36	4.55	119.1	10	0.23	2.36	1.33	90.0	30	0.88	4.36	1.84	89.8	131	1.42	6.36	1.51	70.6	123	1.97	8.36	1.59	64.2	181	2.61
0.38	4.72	129.5	10	0.23	2.38	1.33	84.0	32	0.89	4.38	1.87	89.1	130	1.43	6.38	1.53	70.8	130	1.97	8.38	1.56	66.0	179	2.61
0.40	4.87	138.7	8	0.24	2.40	1.35	80.7	32	0.89	4.40	1.87	88.7	128	1.43	6.40	1.58	68.5	133	1.98	8.40	1.57	67.1	178	2.62
0.42	5.08	152.3	10	0.25	2.42	1.40	78.6	32	0.90	4.42	1.86	87.0	128	1.44	6.42	1.59	65.1	131	1.99	8.42	1.49	63.1	171	2.63
0.44	5.64	168.6	2	0.26	2.44	1.40	77.2	27	0.90	4.44	1.85	86.1	128	1.45	6.44	1.60	65.0	132	1.99	8.44	1.53	70.1	174	2.63
0.46	6.52	187.2	11	0.26	2.46	1.43	74.9	3	0.91	4.46	1.85	86.1	128	1.46	6.46	1.59	63.3	129	2.00	8.46	1.52	71.2	172	2.64
0.48	7.34	197.1	4	0.27	2.48	1.42	73.3	16	0.92	4.48	1.83	89.8	128	1.47	6.48	1.58	63.2	129	2.01	8.48	1.52	70.7	171	2.65
0.50	8.26	189.7	6	0.28	2.50	1.44	73.1	4	0.93	4.50	1.74	91.5	132	1.47	6.50	1.59	63.6	130	2.01	8.50	1.51	70.0	172	2.66
0.52	8.64	186.4	16	0.29	2.52	1.44	72.1	7	0.94	4.52	1.71	91.8	130	1.48	6.52	1.58	67.1	129	2.02	8.52	1.51	70.0	172	2.66
0.54	8.80	180.3	24	0.29	2.54	1.41	69.4	11	0.94	4.54	1.71	90.9	128	1.48	6.54	1.59	69.2	128	2.02	8.54	1.50	70.9	172	2.66
0.56	9.14	173.8	30	0.30	2.56	1.41	72.2	10	0.95	4.56	1.64	91.4	127	1.49	6.56	1.58	71.5	127	2.03	8.56	1.52	70.9	172	2.67
0.58	9.46	167.8	32	0.31	2.58	1.43	75.3	2	0.96	4.58	1.60	91.6	126	1.49	6.58	1.58	73.1	128	2.04	8.58	1.54	70.9	174	2.68
0.60	9.45	161.0	30	0.32	2.60	1.53	77.7	21	0.96	4.60	1.58	90.7	127	1.50	6.60	1.60	75.1	130	2.04	8.60	1.56	71.2	177	2.68
0.62	9.30	164.2	30	0.32	2.62	1.48	82.6	20	0.97	4.62	1.59	89.5	127	1.51	6.62	1.59	74.8	131	2.04	8.62	1.60	71.3	178	2.68
0.64	9.11	169.7	29	0.33	2.64	1.53	84.4	9	0.97	4.64	1.57	86.4	127	1.51	6.64	1.60	74.2	129	2.05	8.64	1.67	72.2	180	2.69
0.66	9.09	173.9	29	0.34	2.66	1.44	89.1	79	0.98	4.66	1.59	85.8	127	1.52	6.66	1.64	73.4	129	2.05	8.66	1.70	72.7	179	2.70
0.68	8.71	175.7	27	0.35	2.68	1.38	89.1	120	0.99	4.68	1.58	85.5	127	1.53	6.68	1.68	73.1	128	2.06	8.68	1.73	73.4	179	2.70
0.70	8.19	174.7	25	0.35	2.70	1.29	83.1	155	0.99	4.70	1.57	83.1	126	1.53	6.70	1.69	71.8	126	2.07	8.70	1.78	73.1	180	2.70
0.72	7.51	177.5	24	0.36	2.72	1.32	77.6	72	1.00	4.72	1.53	80.7	125	1.54	6.72	1.68	72.2	126	2.08	8.72	1.84	72.6	180	2.71
0.74	6.91	176.9	23	0.37	2.74	1.34	75.3	57	1.01	4.74	1.49	80.0	124	1.55	6.74	1.70	73.4	124	2.08	8.74	1.88	72.9	178	2.72
0.76	6.55	171.2	22	0.38	2.76	1.36	72.5	46	1.01	4.76	1.48	80.0	123	1.55	6.76	1.64	75.7	121	2.08	8.76	1.88	74.1	176	2.73
0.78	6.26	165.0	15	0.38	2.78	1.40	70.5	39	1.02	4.78	1.45	79.9	122	1.55	6.78	1.66	77.5	125	2.09	8.78	1.92	76.2	175	2.73
0.80	6.10	159.6	21	0.39	2.80	1.48	70.4	46	1.03	4.80	1.47	80.1	123	1.56	6.80	1.69	78.0	128	2.10	8.80	1.92	79.5	176	2.74
0.82	6.08	153.9	23	0.40	2.82	1.52	75.7	38	1.04	4.82	1.49	79.2	125	1.56	6.82	1.73	78.3	134	2.11	8.82	1.94	81.4	176	2.74
0.84	6.08	143.0	23	0.41	2.84	1.57	80.4	33	1.05	4.84	1.48	78.9	125	1.57	6.84	1.74	80.0	137	2.11	8.84	1.99	82.7	177	2.75
0.86	5.99	135.8	24	0.41	2.86	1.62	85.5	29	1.06	4.86	1.57	75.2	106	1.57	6.86	1.74	80.1	137	2.12	8.86	1.99	85.2	181	2.75
0.88	5.85	130.7	25	0.42	2.88	1.61	91.8	26	1.06	4.88	1.60	75.1	108	1.57	6.88	1.71	78.7	138	2.13	8.88	1.96	87.6	179	2.76
0.90	5.58	106.3	26	0.43	2.90	1.73	95.4	27	1.05	4.90	1.65	74.8	107	1.58	6.90	1.71	76.9	138	2.13	8.90	2.03	91.9	184	2.76
0.92	5.65	105.8	19	0.44	2.92	1.82	95.6	3	1.06	4.92	1.65	74.6	99	1.58	6.92	1.76	69.1	152	2.14	8.92	2.08	92.0	185	2.77
0.94	5.63	107.9	16	0.44	2.94	1.92	94.5	19	1.08	4.94	1.65	74.6	105	1.58	6.94	1.70	67.4	153	2.15	8.94	2.09	92.7	185	2.78
0.96	5.58	109.8	15	0.45	2.96	2.20	95.2	22	1.09	4.96	1.62	75.9	98	1.59	6.96	1.62	66.1	153	2.15	8.96	2.10	93.2	183	2.79
0.98	5.56	112.8	14	0.46	2.98	2.25	102.4	21	1.10	4.98	1.60	75.9	95	1.59	6.98	1.61	66.2	156	2.16	8.98	2.14	92.0	184	2.80
1.00	5.55	114.3	16	0.46	3.00	2.29	103.6	21	1.10	5.00	1													

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PROVA N°: SCPTU 1 PROF. FALDA (m da p.c.): 2.60 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.885507° LONG. (WGS 84): 10.176183°

COMMESSA: 0601-22 C. SITO N°: SF221362 del 15/12/22 OPERATORE: L. Formisano

prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
10.02	1.77	62.7	212	3.15	12.02	2.99	126.7	308	3.72	14.02	2.37	108.3	245	4.29	16.02	1.97	103.7	415	4.83	18.02	1.79	99.6	179	5.45
10.04	1.72	66.0	211	3.16	12.04	3.04	129.6	309	3.72	14.04	2.38	104.0	258	4.30	16.04	1.85	100.7	513	4.84	18.04	1.81	96.8	183	5.45
10.06	1.67	69.1	214	3.16	12.06	3.04	132.7	293	3.73	14.06	2.33	99.4	267	4.30	16.06	1.82	97.6	510	4.85	18.06	1.91	95.9	188	5.45
10.08	1.62	71.1	222	3.18	12.08	3.07	134.7	291	3.73	14.08	2.36	93.1	269	4.31	16.08	1.86	92.0	421	4.86	18.08	1.98	88.8	187	5.46
10.10	1.59	70.2	227	3.18	12.10	3.02	139.2	288	3.74	14.10	2.32	92.1	277	4.32	16.10	1.89	92.5	394	4.86	18.10	1.96	89.3	188	5.47
10.12	1.62	66.0	227	3.19	12.12	3.11	138.0	725	3.74	14.12	2.19	93.8	284	4.32	16.12	2.15	92.8	362	4.87	18.12	1.94	91.0	186	5.47
10.14	1.58	64.7	225	3.19	12.14	2.99	140.0	950	3.75	14.14	2.18	94.4	290	4.32	16.14	2.21	88.3	278	4.87	18.14	1.98	92.5	187	5.48
10.16	1.65	62.2	226	3.20	12.16	2.91	137.3	889	3.76	14.16	2.17	93.4	294	4.33	16.16	2.14	87.5	383	4.88	18.16	2.01	94.7	189	5.49
10.18	1.68	59.6	229	3.20	12.18	2.92	132.2	830	3.76	14.18	2.13	89.7	296	4.34	16.18	2.09	90.0	168	4.89	18.18	2.08	97.9	193	5.49
10.20	1.64	56.2	226	3.21	12.20	2.97	127.0	689	3.77	14.20	2.15	88.4	312	4.34	16.20	2.07	98.1	260	4.90	18.20	2.22	100.2	198	5.50
10.22	1.71	48.2	232	3.22	12.22	2.88	123.2	654	3.77	14.22	2.21	87.1	375	4.33	16.22	2.11	97.9	412	4.91	18.22	2.39	100.9	200	5.51
10.24	1.66	49.1	231	3.23	12.24	2.84	121.9	777	3.78	14.24	2.30	85.7	388	4.34	16.24	1.87	102.1	631	4.91	18.24	2.43	104.1	201	5.52
10.26	1.67	48.9	233	3.24	12.26	2.86	121.8	881	3.79	14.26	2.32	84.2	394	4.34	16.26	1.85	94.5	547	4.92	18.26	2.59	108.0	209	5.53
10.28	1.65	49.0	235	3.24	12.28	2.96	118.4	589	3.80	14.28	2.33	83.6	401	4.35	16.28	1.83	94.0	441	4.94	18.28	2.73	105.6	215	5.53
10.30	1.62	48.3	239	3.25	12.30	3.00	120.5	446	3.81	14.30	2.31	81.4	404	4.35	16.30	1.83	95.5	339	4.94	18.30	2.92	106.6	223	5.55
10.32	1.61	47.3	247	3.26	12.32	3.01	123.6	240	3.81	14.32	2.30	77.7	440	4.36	16.32	1.84	96.3	293	4.94	18.32	3.08	112.6	229	5.56
10.34	1.61	47.1	243	3.26	12.34	2.96	125.2	258	3.82	14.34	2.35	74.5	498	4.37	16.34	1.83	97.9	209	4.96	18.34	3.15	116.5	237	5.56
10.36	1.60	47.0	240	3.27	12.36	2.93	123.6	177	3.83	14.36	2.50	69.5	573	4.38	16.36	1.87	102.1	211	4.96	18.36	3.28	120.4	248	5.58
10.38	1.55	49.5	248	3.28	12.38	2.92	121.8	198	3.84	14.38	2.69	72.5	623	4.38	16.38	1.92	105.3	187	4.96	18.38	3.34	121.4	249	5.58
10.40	1.53	52.9	248	3.28	12.40	2.92	125.0	184	3.85	14.40	2.87	77.7	667	4.38	16.40	1.94	108.5	169	4.98	18.40	3.29	124.4	250	5.59
10.42	1.59	53.8	261	3.29	12.42	2.93	131.8	194	3.86	14.42	2.98	78.6	671	4.38	16.42	1.97	109.5	139	4.98	18.42	3.34	131.3	254	5.60
10.44	1.70	54.3	274	3.29	12.44	2.93	136.9	177	3.86	14.44	3.01	80.7	662	4.39	16.44	1.95	109.4	136	4.99	18.44	3.33	135.0	256	5.60
10.46	1.75	54.1	272	3.30	12.46	3.04	139.1	166	3.86	14.46	2.98	85.7	652	4.39	16.46	1.95	111.8	138	5.00	18.46	3.35	143.1	271	5.61
10.48	1.76	56.7	271	3.30	12.48	3.08	140.3	191	3.87	14.48	2.99	89.5	648	4.39	16.48	1.99	110.4	124	5.01	18.48	3.40	147.1	292	5.61
10.50	1.77	57.5	270	3.31	12.50	3.13	144.6	182	3.88	14.50	3.01	95.8	647	4.40	16.50	1.97	113.4	141	5.01	18.50	3.48	147.7	298	5.62
10.52	1.71	57.9	271	3.32	12.52	3.16	147.4	180	3.89	14.52	3.00	102.8	642	4.40	16.52	1.97	117.3	133	5.02	18.52	3.50	155.3	296	5.63
10.54	1.71	55.5	270	3.32	12.54	3.20	148.3	168	3.89	14.54	3.06	110.5	638	4.40	16.54	1.96	118.0	133	5.03	18.54	3.45	165.5	299	5.64
10.56	1.69	54.5	275	3.33	12.56	3.23	147.7	171	3.90	14.56	3.14	117.3	635	4.41	16.56	1.97	117.3	130	5.03	18.56	3.41	174.1	303	5.64
10.58	1.65	55.2	274	3.33	12.58	3.17	146.3	167	3.90	14.58	3.15	128.3	640	4.41	16.58	1.95	116.2	137	5.03	18.58	3.33	181.6	297	5.65
10.60	1.62	57.8	276	3.34	12.60	3.06	147.5	344	3.91	14.60	2.91	131.9	614	4.42	16.60	1.98	115.1	137	5.03	18.60	3.27	185.5	315	5.66
10.62	1.60	60.0	276	3.35	12.62	3.07	143.6	210	3.91	14.62	2.84	135.4	603	4.43	16.62	2.00	114.5	145	5.04	18.62	3.33	187.5	327	5.67
10.64	1.60	61.0	279	3.36	12.64	3.23	142.5	242	3.92	14.64	2.80	136.6	604	4.43	16.64	2.09	115.0	155	5.05	18.64	3.31	196.9	338	5.68
10.66	1.65	58.7	281	3.36	12.66	3.30	143.5	220	3.93	14.66	2.74	139.8	600	4.44	16.66	2.17	114.8	158	5.05	18.66	3.33	198.0	339	5.69
10.68	1.66	57.5	282	3.37	12.68	3.19	145.0	201	3.93	14.68	2.67	140.5	598	4.44	16.68	2.28	117.2	162	5.06	18.68	3.47	196.3	349	5.70
10.70	1.68	56.9	285	3.38	12.70	3.21	145.2	167	3.93	14.70	2.63	136.1	596	4.45	16.70	2.27	120.4	164	5.06	18.70	3.97	196.7	376	5.71
10.72	1.74	56.6	288	3.38	12.72	3.20	148.8	204	3.94	14.72	2.60	130.7	592	4.45	16.72	2.27	123.0	164	5.06	18.72	3.90	200.0	356	5.73
10.74	1.76	56.7	289	3.40	12.74	3.15	154.1	213	3.95	14.74	2.56	126.5	587	4.45	16.74	2.37	124.2	170	5.07	18.74	3.82	208.1	358	5.74
10.76	1.83	56.2	293	3.40	12.76	3.15	154.0	216	3.95	14.76	2.55	122.2	587	4.46	16.76	2.41	124.2	171	5.08	18.76	3.20	210.4	332	5.74
10.78	1.89	54.5	295	3.41	12.78	3.24	149.3	220	3.95	14.78	2.50	114.5	579	4.46	16.78	2.40	127.3	172	5.09	18.78	3.34	215.7	355	5.76
10.80	1.97	54.6	299	3.41	12.80	3.24	148.2	223	3.96	14.80	2.45	111.6	575	4.47	16.80	2.40	128.7	175	5.09	18.80	3.02	219.1	342	5.76
10.82	2.02	53.7	308	3.42	12.82	3.19	147.4	221	3.97	14.82	2.47	108.9	549	4.48	16.82	2.35	127.3	168	5.09	18.82	2.85	201.6	339	5.77
10.84	2.06	53.8	313	3.43	12.84	3.10	145.5	220	3.97	14.84	2.45	104.7	545	4.48	16.84	2.35	138.0	189	5.12	18.84	2.90	205.2	339	5.77
10.86	2.07	56.8	321	3.44	12.86	3.28	142.3	321	3.98	14.86	2.47	100.1	542	4.49	16.86	2.82	139.8	187	5.13	18.86	2.93	203.2	329	5.78
10.88	2.33	58.8	500	3.45	12.88	3.28	142.5	261	3.99	14.88	2.50	95.5	538	4.50	16.88	2.89	138.9	189	5.14	18.88	2.96	205.9	327	5.78
10.90	2.28	62.5	498	3.46	12.90	3.33	142.5	432	4.00	14.90	2.44	94.2	530	4.51	16.90	2.95	138.6	193	5.14	18.90	2.90	207.7	323	5.79
10.92	2.29	64.0	495	3.48	12.92	3.26	142.0	287	4.00	14.92	2.42	95.1	528	4.51	16.92	3.04	140.0	194	5.15	18.92	2.92	216.6	328	5.79
10.94	2.35	64.8	496	3.48	12.94	3.32	141.5	268	4.01	14.94	2.38	96.3	524	4.52	16.94	3.10	142.1	196	5.15	18.94	2.86	210.1	325	5.80
10.96	2.32	68.5	533	3.49	12.96	3.16	143.6	168	4.01	14.96	2.36	99.0	522	4.53	16.96	3.18	145.4	199	5.16	18.96	2.78	208.9	316	5.81

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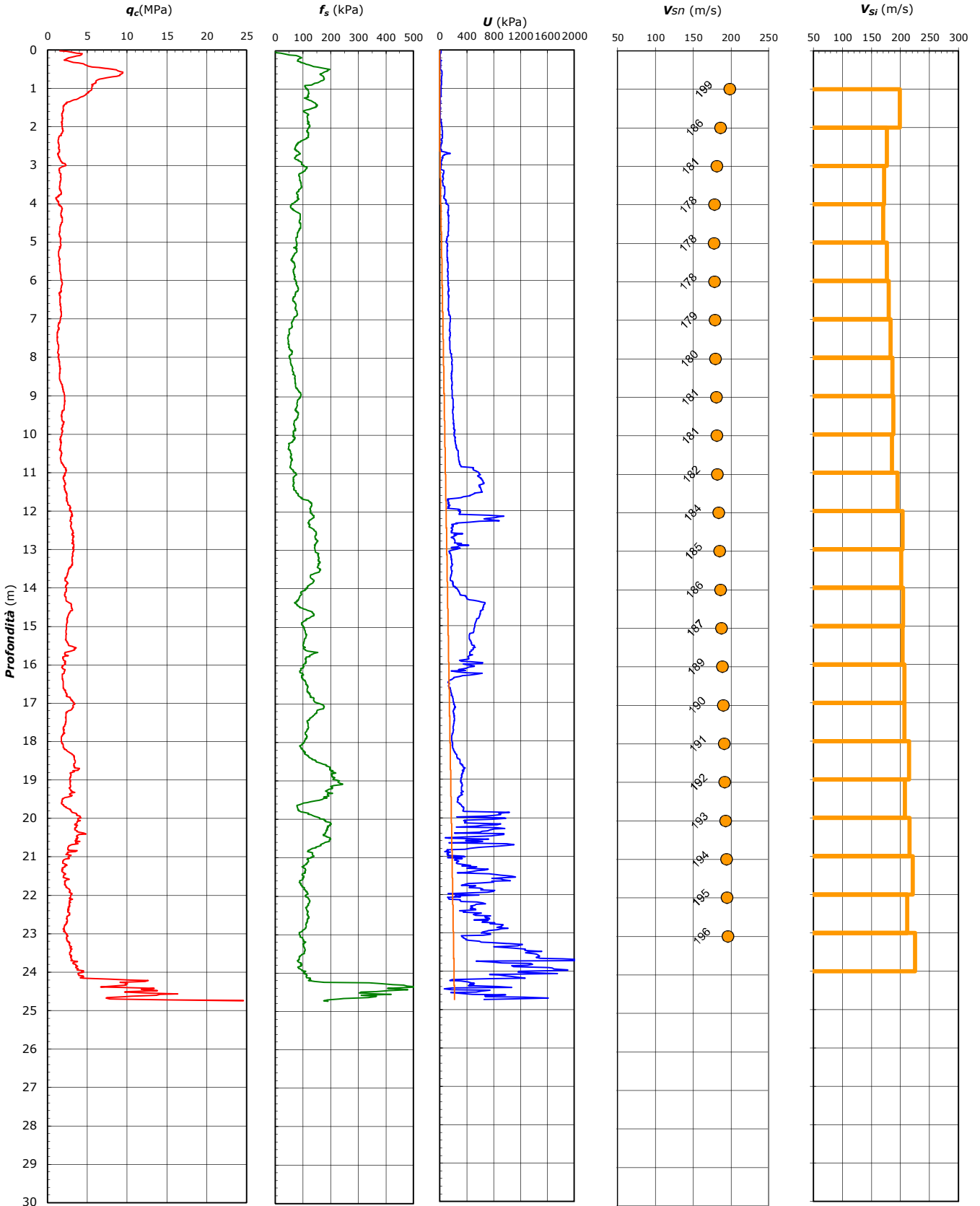
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COMMITTENTE: Dott.Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Strada Lunga - 43012 Fontanellato - PR

PROVA N°: SCPTU 1 PROF. FALDA (m da p.c.): 2.60 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]
 DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.885507° LONG. (WGS 84): 10.176183°
 COMMESSA: 0601-22 C. SITO N°: SF221362 del 15/12/22 OPERATORE: L. Formisano



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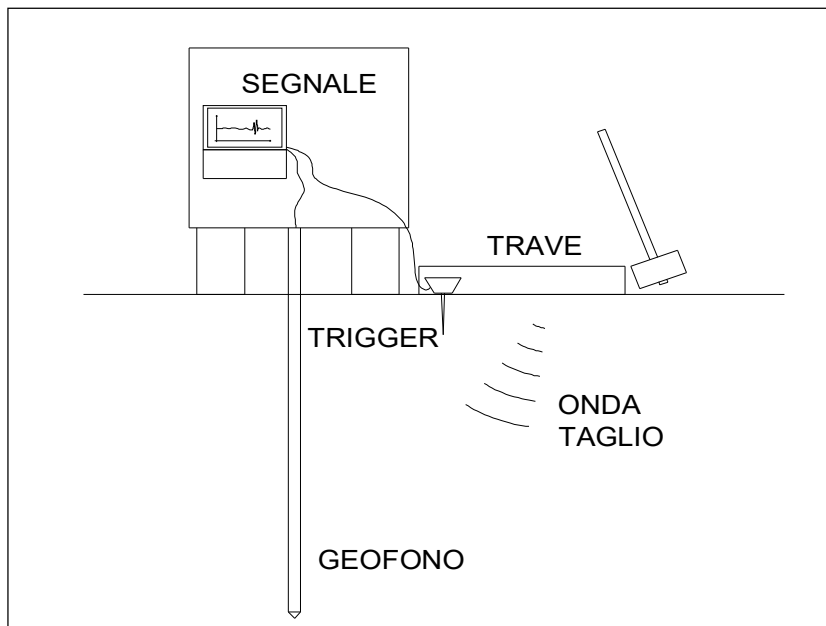
CANTIERE: Strada Lunga - 43012 Fontanellato - PR

PROVA N°: SCPTU 1 PROF. FALDA (m da p.c.): 2.60 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.885507° LONG. (WGS 84): 10.176183°

COMMESSA: 0601-22 C. SITO N°: SF221362 del 15/12/22 OPERATORE: L. Formisano

Prova Down Hole ASTM D 7400



Profondità (m)	Ts (ms)	L (m)	Vs (m/s)	Vis (m/s)
1.0	T0	1.41	-	-
2.0	4.14	2.24	199	199
3.0	9.38	3.16	186	177
4.0	14.97	4.12	181	172
5.0	20.71	5.10	178	170
6.0	26.27	6.08	178	177
7.0	31.78	7.07	178	179
8.0	37.21	8.06	179	183
9.0	42.54	9.06	180	186
10.0	47.84	10.05	181	188
11.0	53.22	11.05	181	185
12.0	58.34	12.04	182	195
13.0	63.24	13.04	184	203
14.0	68.19	14.04	185	202
15.0	73.06	15.03	186	205
16.0	77.97	16.03	187	203
17.0	82.79	17.03	189	207
18.0	87.61	18.03	190	207
19.0	92.26	19.03	191	215
20.0	97.06	20.02	192	208
21.0	101.69	21.02	193	216
22.0	106.22	22.02	194	221
23.0	110.94	23.02	195	212
24.0	115.38	24.02	196	225

CATEGORIA SOTTOSUOLO

V_{s,30} = m/s

- D = Distanza centro trave generatrice on
- Profondità = Profondità punta da piano campagna
- Ts = Tempo percorrenza onda di taglio
- L = Lunghezza percorso onda di taglio
- Vs = Velocità onde di taglio da piano campagna alla profondità ind = 1.00 m
- Vis = Velocità onde di taglio nello strato di terreno compreso fra le due profondità indicate

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COMMITTENTE: **Dott.Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR**

CANTIERE: **Strada Lunga - 43012 Fontanellato - PR**

PROVA N°: SCPTU 1 PROF. FALDA (m da p.c.): 2.60 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.885507° LONG. (WGS 84): 10.176183°

COMMESSA: 0601-22 C. SITO N°: SF221362 del 15/12/22 OPERATORE: L. Formisano

UBICAZIONE

Località: Strada Lunga - 43012 Fontanellato - PR



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COMMITTENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Incrocio SP11 e Viale Vezzoni - 43012 Fontanelatto - PR

PROVA N°: CPTU 02 PROF. FALDA (m da p.c.): 1.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): OPER.: 44.883883° Long.: 10.170256°

COMMESSA: 0601-22 C. SITO N°: SF221359 del 15/12/22 OPERATORE: L. Formisano

prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
0.02	1.00	2.86	13.47	0.35	2.02	0.63	14.98	29.12	0.79	4.02	1.13	47.05	62.24	1.23	6.02	2.69	36.13	28.43	1.58	8.02	1.67	76.74	532.22	2.03	8.04	2.58	59.09	490.73	2.04	8.06	3.58	53.79	92.16	2.05	8.08	4.65	55.41	35.71	2.06	8.10	5.17	65.45	15.06	2.07	8.12	5.38	64.38	42.19	2.07	8.14	5.49	61.51	40.30	2.07	8.16	5.64	57.61	39.50	2.08	8.18	5.62	55.60	34.01	2.08	8.20	5.63	48.83	31.22	2.08	8.22	5.58	41.99	30.12	2.09	8.24	5.36	34.55	33.41	2.10	8.26	5.12	28.26	34.61	2.10	8.28	4.60	22.99	33.11	2.11	8.30	4.25	25.65	30.52	2.11	8.32	4.09	29.76	28.52	2.11	8.34	4.13	41.42	61.34	2.11	8.36	4.16	43.20	9.58	2.11	8.38	4.13	46.40	6.89	2.12	8.40	3.66	54.60	2.98	2.12	8.42	2.64	70.72	12.17	2.12	8.44	1.90	90.03	232.20	2.12	8.46	1.59	83.84	291.64	2.12	8.48	1.50	81.82	394.68	2.12	8.50	1.54	76.91	397.07	2.13	8.52	1.52	73.83	388.19	2.13	8.54	1.45	69.39	381.11	2.13	8.56	1.42	58.62	373.83	2.14	8.58	1.32	51.56	360.76	2.13	8.60	1.17	49.48	333.54	2.13	8.62	1.04	46.58	191.10	2.14	8.64	0.96	45.55	218.93	2.14	8.66	0.90	43.61	240.98	2.15	8.68	0.88	41.01	247.56	2.15	8.70	0.93	37.41	246.66	2.15	8.72	0.91	35.37	244.57	2.15	8.74	0.89	33.00	239.88	2.15	8.76	0.92	29.23	234.89	2.15	8.78	0.88	28.02	234.99	2.16	8.80	0.87	25.27	234.29	2.16	8.82	0.86	23.36	237.68	2.17	8.84	0.86	24.10	247.16	2.18	8.86	0.92	23.97	248.16	2.19	8.88	0.99	22.63	249.05	2.19	8.90	0.98	23.27	248.16	2.19	8.92	0.95	23.14	244.07	2.19	8.94	0.93	24.35	240.38	2.20	8.96	0.93	24.55	243.27	2.21	8.98	0.91	22.12	240.48	2.21	9.00	0.91	21.45	238.68	2.22	9.02	0.91	22.09	238.98	2.22	9.04	0.94	21.64	241.27	2.23	9.06	1.00	21.10	243.57	2.24	9.08	0.99	20.82	242.27	2.24	9.10	1.00	21.42	240.78	2.25	9.12	0.97	23.24	238.68	2.25	9.14	0.93	22.70	241.97	2.25	9.16	0.90	21.14	250.25	2.26	9.18	0.91	20.47	250.25	2.27	9.20	0.92	21.56	246.26	2.27	9.22	0.93	23.28	243.67	2.28	9.24	0.93	24.91	241.77	2.28	9.26	0.93	28.04	241.37	2.28	9.28	0.94	30.40	242.37	2.29	9.30	0.99	31.46	245.06	2.29	9.32	1.01	32.70	245.86	2.30	9.34	1.00	32.67	244.17	2.29	9.36	1.02	32.26	243.37	2.30	9.38	1.01	32.07	245.16	2.30	9.40	0.99	31.17	244.67	2.30	9.42	0.97	29.45	242.47	2.30	9.44	0.94	29.16	237.38	2.31	9.46	0.92	27.95	234.09	2.31	9.48	0.94	25.40	232.90	2.32	9.50	0.89	25.30	232.90	2.32	9.52	0.83	26.32	231.60	2.33	9.54	0.80	25.94	229.41	2.33	9.56	0.79	26.13	230.80	2.34	9.58	0.83	25.40	235.39	2.34	9.60	0.83	25.40	236.89	2.34	9.62	0.82	24.70	236.19	2.35	9.64	0.82	24.57	236.29	2.35	9.66	0.84	24.47	236.99	2.36	9.68	0.84	24.35	237.19	2.36	9.70	0.86	24.57	237.19	2.36	9.72	0.88	24.57	238.48	2.37	9.74	0.90	25.18	240.28	2.37	9.76	0.91	25.47	240.08	2.38	9.78	0.94	23.24	265.71	2.38	9.80	0.95	23.75	265.51	2.39	9.82	0.97	23.98	267.41	2.39	9.84	0.98	24.68	269.20	2.40	9.86	1.02	25.29	270.80	2.40	9.88	1.04	26.50	270.10	2.40	9.90	1.04	27.17	268.80	2.41	9.92	1.02	27.78	267.01	2.42	9.94	1.00	27.30	264.71	2.42	9.96	1.05	27.23	264.51	2.42	9.98	1.07	26.66	271.70	2.43	10.00	1.51	27.01	296.53	2.44

Il Responsabile Prove in Sito:
dott. Lorenzo Zanirato

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COMMITENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR
CANTIERE: Incrocio SP11 e Viale Vezconi - 43012 Fontanellato - PR
PROVA N°: CPTU 02 PROF. FALDA (m da p.c.): 1.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]
DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.883883° Long.: 10.170256°
COMMESSA: 0601-22 C. SITO N°: SF221359 del 15/12/22 OPERATORE: L. Formisano

prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.
m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi
10.02	1.78	32.85	308.40	2.44	12.02	3.07	94.90	57.25	3.05	14.02	2.12	102.43	27.43	3.86	16.02	2.44	118.20	91.06	4.45	18.02	2.39	109.98	191.80	5.14
10.04	1.69	33.88	107.12	2.45	12.04	2.53	89.99	150.61	3.05	14.04	2.13	101.64	27.33	3.87	16.04	2.43	118.08	90.47	4.46	18.04	2.44	102.68	193.20	5.15
10.06	1.46	46.39	104.53	2.46	12.06	1.87	69.44	614.21	3.07	14.06	2.06	99.75	26.03	3.87	16.06	2.37	116.22	90.27	4.46	18.06	2.44	98.02	191.00	5.15
10.08	1.21	49.71	160.38	2.46	12.08	1.87	53.15	692.31	3.09	14.08	2.05	101.67	24.34	3.88	16.08	2.35	116.37	90.47	4.46	18.08	2.39	95.06	190.51	5.16
10.10	1.07	39.62	186.62	2.47	12.10	2.80	39.93	886.10	3.13	14.10	2.03	104.29	22.14	3.89	16.10	2.30	118.32	90.57	4.47	18.10	2.44	94.81	193.50	5.17
10.12	1.04	32.34	230.90	2.47	12.12	5.83	43.92	79.00	3.14	14.12	1.97	105.26	20.05	3.90	16.12	2.29	118.63	90.76	4.48	18.12	2.48	94.47	195.79	5.17
10.14	1.14	29.47	297.03	2.48	12.14	8.78	56.66	17.26	3.16	14.14	1.96	105.96	16.16	3.90	16.14	2.27	116.90	90.37	4.48	18.15	2.56	95.88	201.08	5.18
10.16	1.37	26.57	320.37	2.49	12.16	11.68	68.81	36.21	3.17	14.16	2.00	104.26	13.37	3.91	16.16	2.23	115.67	89.07	4.49	18.16	2.64	98.43	203.07	5.19
10.18	1.56	30.37	323.66	2.49	12.18	13.15	70.79	46.48	3.18	14.18	2.04	100.68	12.47	3.92	16.18	2.21	113.22	88.37	4.49	18.18	2.48	107.90	200.08	5.19
10.20	1.51	32.31	247.96	2.50	12.20	14.47	70.89	58.25	3.19	14.20	2.09	96.84	12.27	3.93	16.20	2.23	110.45	88.17	4.50	18.20	2.56	104.82	207.26	5.20
10.22	1.36	35.54	190.61	2.50	12.22	15.87	70.60	51.87	3.22	14.22	2.11	94.29	11.07	3.94	16.22	2.21	108.84	87.67	4.51	18.22	2.67	101.04	212.75	5.20
10.24	1.21	37.04	241.67	2.51	12.24	16.10	58.60	91.86	3.25	14.24	2.15	89.89	11.37	3.95	16.24	2.26	108.65	88.87	4.52	18.24	2.83	99.47	220.93	5.22
10.26	1.13	35.22	259.43	2.51	12.26	15.46	71.19	63.83	3.26	14.26	2.20	91.62	11.67	3.96	16.26	2.29	106.86	90.17	4.53	18.26	2.94	100.73	225.12	5.22
10.28	1.05	33.05	269.70	2.52	12.28	14.60	61.54	34.01	3.23	14.28	2.28	96.28	11.37	3.96	16.28	2.31	105.31	90.76	4.53	18.28	2.85	104.28	223.12	5.23
10.30	1.01	30.05	273.19	2.52	12.30	13.20	60.93	2.89	3.26	14.30	2.29	101.48	10.67	3.97	16.30	2.35	104.81	92.56	4.54	18.30	2.68	108.59	219.13	5.22
10.32	1.05	26.92	288.05	2.53	12.32	12.71	58.56	1.99	3.28	14.32	2.56	107.21	7.38	3.97	16.32	2.43	104.96	94.55	4.55	18.32	2.65	107.61	215.84	5.23
10.34	1.31	27.52	331.34	2.54	12.34	11.35	64.63	0.60	3.29	14.34	2.73	110.04	5.79	3.98	16.34	2.53	104.84	96.85	4.56	18.34	2.30	114.38	200.38	5.23
10.36	1.58	26.66	347.90	2.54	12.36	9.89	74.96	10.17	3.29	14.36	2.46	121.94	9.28	3.99	16.36	2.57	105.43	99.04	4.57	18.36	2.12	118.97	196.59	5.24
10.38	1.55	26.82	297.43	2.55	12.38	8.47	81.73	11.07	3.30	14.38	2.36	123.31	5.88	3.99	16.38	2.58	107.20	100.04	4.57	18.38	2.00	120.01	197.09	5.24
10.40	1.35	31.90	280.67	2.55	12.40	6.72	85.94	13.66	3.31	14.40	2.30	130.28	1.40	4.00	16.40	2.58	111.44	99.94	4.58	18.40	1.98	116.45	504.78	5.25
10.42	1.29	33.36	319.27	2.55	12.42	4.88	75.90	12.87	3.29	14.42	2.27	128.49	9.97	4.00	16.42	2.57	113.52	100.14	4.59	18.42	1.99	109.50	970.88	5.26
10.44	1.37	33.56	349.59	2.56	12.44	3.22	76.65	10.07	3.29	14.44	2.13	126.91	18.25	4.01	16.44	2.54	117.77	99.94	4.60	18.44	1.93	103.55	707.37	5.26
10.46	1.37	27.81	250.75	2.57	12.46	2.36	86.63	17.26	3.31	14.46	2.09	121.85	16.96	4.02	16.46	2.49	116.63	98.44	4.60	18.46	1.86	94.20	643.73	5.27
10.48	1.30	30.71	247.46	2.57	12.48	2.04	77.75	16.96	3.31	14.48	2.11	116.44	16.16	4.02	16.48	2.39	114.99	96.15	4.61	18.48	1.83	85.80	544.69	5.27
10.50	1.29	32.73	328.65	2.57	12.50	1.68	88.54	232.10	3.33	14.50	2.05	112.76	16.86	4.03	16.50	2.30	113.26	91.86	4.62	18.50	1.75	80.01	574.01	5.28
10.52	1.27	31.51	332.84	2.58	12.52	1.43	84.45	503.99	3.34	14.52	2.03	110.12	17.45	4.04	16.52	2.09	111.31	86.87	4.62	18.52	1.72	78.94	572.52	5.28
10.54	1.23	31.03	338.12	2.58	12.54	1.33	69.94	466.39	3.35	14.54	1.93	106.31	19.95	4.05	16.54	2.02	108.38	84.08	4.63	18.54	1.67	78.19	566.63	5.29
10.56	1.29	28.32	348.70	2.59	12.56	1.44	62.95	337.23	3.36	14.56	1.97	104.77	25.93	4.05	16.56	1.87	106.28	81.49	4.64	18.56	1.68	78.94	577.40	5.30
10.58	1.49	25.48	368.25	2.59	12.58	2.00	61.38	534.51	3.38	14.58	2.01	102.12	28.93	4.06	16.58	1.73	103.06	78.20	4.65	18.58	1.71	78.25	580.79	5.30
10.60	2.34	26.76	418.32	2.61	12.60	2.50	61.54	322.56	3.38	14.60	2.13	105.77	35.31	4.07	16.60	1.67	93.72	76.30	4.66	18.60	1.75	64.95	582.29	5.31
10.62	3.22	33.33	336.23	2.60	12.62	3.08	58.43	4.19	3.39	14.62	2.21	107.79	35.71	4.07	16.62	1.61	90.57	77.10	4.67	18.62	1.76	75.04	584.48	5.31
10.64	3.74	42.40	56.35	2.59	12.64	3.42	57.98	14.46	3.40	14.64	2.27	108.54	37.00	4.08	16.64	1.54	88.46	80.49	4.69	18.64	1.69	73.19	582.49	5.32
10.66	3.56	43.07	49.97	2.59	12.66	3.50	68.79	18.15	3.40	14.66	2.38	105.46	38.50	4.09	16.66	1.49	80.88	81.99	4.70	18.66	1.70	69.69	580.79	5.32
10.68	3.11	50.06	43.19	2.60	12.68	3.27	70.02	20.45	3.40	14.68	2.47	100.33	39.30	4.09	16.68	1.45	75.06	83.88	4.71	18.68	1.80	63.49	582.59	5.33
10.70	2.56	61.02	68.02	2.61	12.70	2.95	64.65	23.14	3.41	14.70	2.87	98.07	42.99	4.10	16.70	1.36	72.13	85.08	4.72	18.70	1.91	61.36	590.87	5.33
10.72	2.25	70.71	371.74	2.61	12.72	2.92	65.67	211.35	3.43	14.72	2.72	107.64	42.49	4.10	16.72	1.30	67.69	86.68	4.73	18.72	1.98	61.55	584.58	5.33
10.74	1.92	43.49	95.85	2.62	12.74	3.38	74.35	93.46	3.44	14.75	2.78	112.55	51.57	4.11	16.74	1.26	65.30	91.96	4.74	18.74	2.15	65.87	522.74	5.34
10.76	1.66	49.87	65.23	2.63	12.76	3.69	58.14	44.19	3.44	14.76	2.69	119.47	50.07	4.12	16.76	1.45	53.75	106.92	4.75	18.76	2.29	74.96	536.11	5.34
10.78	1.58	74.33	504.09	2.64	12.78	3.74	52.96	1.50	3.45	14.78	2.78	123.69	52.56	4.12	16.78	1.47	57.04	108.22	4.76	18.78	2.32	71.06	534.41	5.35
10.80	1.75	76.19	596.65	2.65	12.80	3.86	47.73	30.82	3.46	14.80	2.57	120.19	45.38	4.12	16.80	1.54	59.08	109.42	4.77	18.80	1.94	78.58	495.52	5.36
10.82	2.14	79.40	422.01	2.65	12.82	3.55	56.00	34.11	3.47	14.82	2.44	129.00	43.49	4.13	16.82	1.59	60.52	110.61	4.78	18.82	1.67	79.49	479.26	5.36
10.84	2.52	68.26	168.86	2.65	12.84	3.50	71.94	20.05	3.48	14.84	2.34	123.95	43.49	4.14	16.84	1.61	61.99	110.71	4.79	18.84	1.68	79.78	487.04	5.37
10.86	2.75	68.10	117.69	2.66	12.86	3.94	70.24	9.77	3.48	14.86	2.17	137.25	43.69	4.15	16.86	1.62	64.23	111.21	4.79	18.86	1.73	79.97	496.21	5.38
10.88	3.06	71.81	300.32	2.68	12.88	4.61	71.53	46.88	3.48	14.88	2.10	132.50	50.17	4.16	16.88	1.66	66.83	111.51	4.81	18.88	1.78	78.11	508.08	5.39
10.90	4.47	67.56	428.19	2.69	12.90	4.56	69.10	59.05	3.49	14.90	2.15	127.05	55.66	4.17	16.90	1.71	68.24	112.81	4.81	18.90	1.80	78.39	516.26	5.39
10.92	5.47	63.57	9.67	2.69	12.92	4.39	75.46	60.74	3.48	14.92	2.32	121.29	58.75	4.18	16.92	1.75	67.17	113.61	4.82	18.92	1.70	79.12	515.76	

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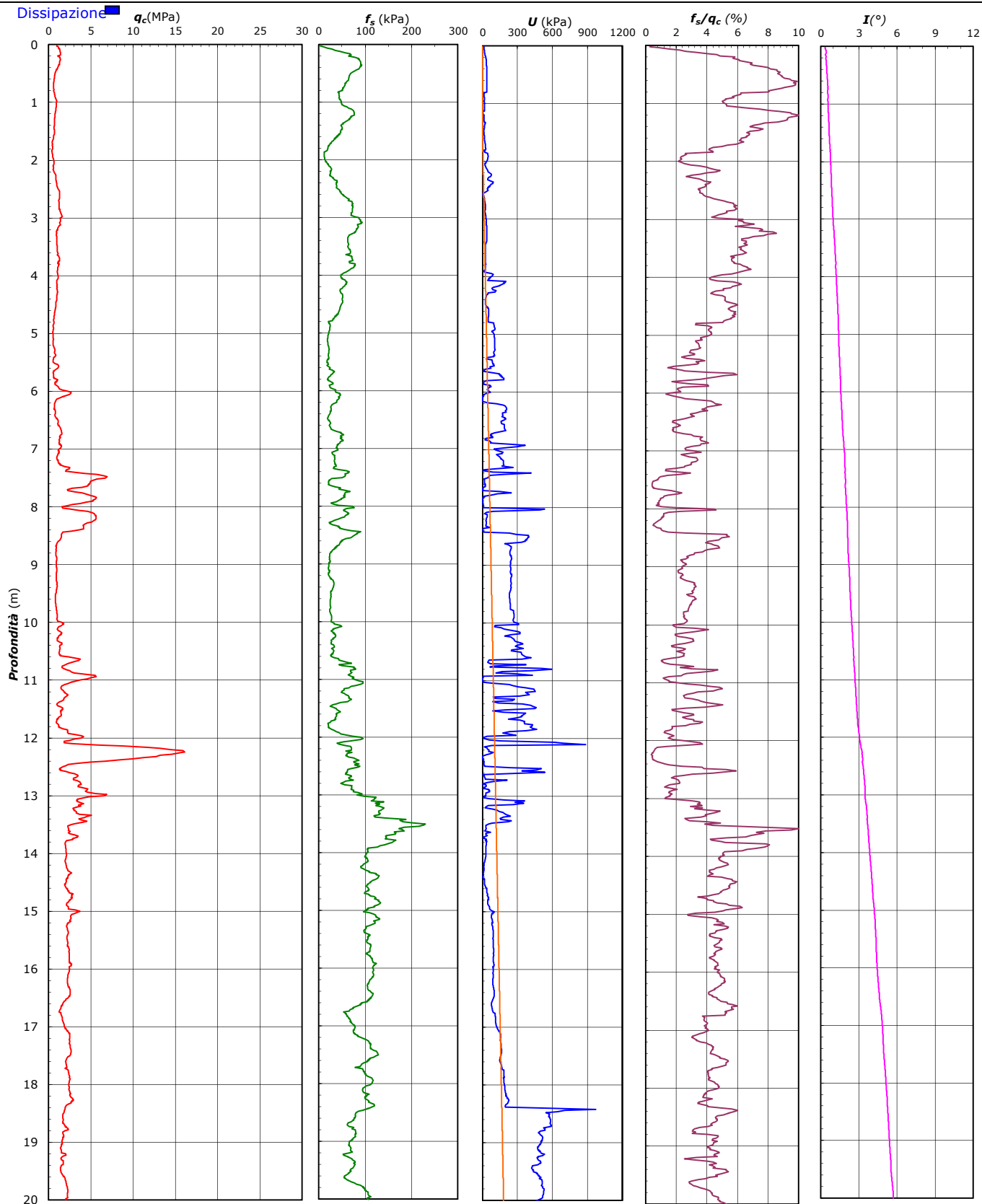
COMMITTENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Incrocio SP11 e Viale Vezzonei - 43012 Fontanellato - PR

PROVA N°: CPTU 02 PROF. FALDA (m da p.c.): 1.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.883883° Long.: 10.170256°

COMMESSA: 0601-22 C. SITO N°: SF221359 del 15/12/22 OPERATORE: L. Formisano



Il Responsabile Prove in Sito:
dott. Lorenzo Zanirato

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CANTIERE: Incrocio SP11 e Viale Vezzoni - 43012 Fontanellato - PR

PROVA N°: CPTU 02 PROF. FALDA (m da p.c.): 1.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.883883° Long.: 10.170256°

COMMESSA: 0601-22 C. SITO N°: SF221359 del 15/12/22 OPERATORE: L. Formisano

UBICAZIONE

Località: Incrocio SP11 e Viale Vezzoni - 43012 Fontanellato - PR



NOTE: Utilizzato 1 anello allargatore da inizio prova

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COMMITTENTE: Dott.Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Via Sandro Pertini - 43012 Fontanellato - PR

PROVA N°: CPTU 03 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.886950° Long.: 10.165211°

COMMESSA: 0601-22 C. SITO N°: SF221360 del 15/12/22 OPERATORE: L. Formisano

prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.	prof.	qc	fs	U	incl.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi	m	Mpa	kPa	kPa	gradi																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0.02	0.63	2.13	20.35	0.21	2.02	0.93	84.90	54.86	0.68	4.02	1.32	98.87	18.25	1.28	6.02	1.15	52.46	85.38	1.81	8.02	2.68	49.50	45.48	2.49	8.04	2.25	46.78	76.80	2.50	8.06	1.99	48.32	76.40	2.51	8.08	1.55	48.32	233.10	2.52	8.10	1.26	46.50	246.36	2.52	8.12	1.27	42.63	358.07	2.52	8.14	2.89	43.49	482.35	2.54	8.16	5.09	46.72	163.78	2.54	8.18	6.96	51.63	15.66	2.54	8.20	9.44	69.61	26.63	2.54	8.22	11.41	68.29	32.62	2.54	8.24	12.14	62.30	29.62	2.55	8.26	12.04	56.84	29.72	2.57	8.28	11.66	55.27	31.92	2.58	8.30	10.97	50.96	33.41	2.57	8.32	10.67	37.10	36.90	2.57	8.34	10.26	32.98	39.00	2.59	8.36	9.86	34.96	42.79	2.59	8.38	9.12	35.89	42.89	2.58	8.40	8.69	34.74	42.99	2.58	8.42	7.93	31.07	40.20	2.59	8.44	7.16	28.67	39.40	2.60	8.46	6.77	28.45	43.89	2.59	8.48	7.15	27.29	62.14	2.60	8.50	7.73	36.62	61.84	2.61	8.52	8.56	44.08	40.59	2.60	8.54	8.36	43.76	44.68	2.61	8.56	7.83	37.92	47.08	2.62	8.58	7.39	39.26	42.59	2.63	8.60	6.89	35.84	34.41	2.65	8.62	6.52	35.90	36.80	2.65	8.64	6.26	33.00	40.20	2.66	8.66	5.97	27.66	42.59	2.67	8.68	5.71	24.05	42.79	2.67	8.70	5.85	19.74	45.98	2.67	8.72	6.24	20.44	56.95	2.67	8.74	6.84	20.66	67.82	2.67	8.76	7.10	16.92	74.21	2.69	8.78	8.14	37.17	81.29	2.70	8.80	7.98	19.19	64.73	2.72	8.82	7.57	17.11	73.01	2.73	8.84	7.36	15.48	67.13	2.75	8.86	6.65	21.42	46.98	2.75	8.88	5.79	19.25	35.21	2.75	8.90	5.20	20.62	32.32	2.75	8.92	5.35	20.18	38.30	2.76	8.94	5.39	22.00	50.67	2.76	8.96	6.99	22.99	62.94	2.78	8.98	7.38	28.00	55.06	2.80	9.00	7.66	26.25	54.76	2.81	9.02	7.37	21.17	49.37	2.83	9.04	6.57	13.86	43.59	2.84	9.06	6.05	23.34	41.89	2.84	9.08	4.71	20.44	27.53	2.83	9.10	3.54	22.35	21.54	2.82	9.12	2.73	24.49	19.85	2.81	9.14	2.44	33.08	21.64	2.83	9.16	3.01	66.16	65.03	2.84	9.18	4.46	62.84	150.51	2.85	9.20	5.44	45.53	49.57	2.88	9.22	5.28	43.14	48.08	2.90	9.24	4.53	42.25	36.01	2.90	9.26	2.76	46.08	20.05	2.91	9.28	2.14	43.75	17.26	2.92	9.30	1.52	56.20	37.30	2.92	9.32	1.03	64.90	148.02	2.91	9.34	0.83	66.54	301.02	2.92	9.36	0.76	58.33	316.48	2.92	9.38	0.71	55.30	314.48	2.93	9.40	0.75	46.58	310.59	2.92	9.42	0.70	42.91	305.01	2.93	9.44	0.70	36.27	303.21	2.93	9.46	0.76	25.64	309.00	2.95	9.48	0.79	23.31	309.20	2.95	9.50	0.81	23.69	305.61	2.95	9.52	0.79	23.85	302.22	2.96	9.54	0.79	24.17	292.04	2.96	9.56	0.77	24.40	284.66	2.96	9.58	0.73	24.27	276.88	2.96	9.60	0.71	22.93	261.52	2.97	9.62	0.69	22.87	250.85	2.96	9.64	0.64	24.24	248.85	2.97	9.66	0.62	23.89	239.48	2.98	9.68	0.61	22.30	236.69	2.98	9.70	0.61	20.54	234.89	2.99	9.72	0.60	20.13	231.60	2.99	9.74	0.62	20.16	227.01	2.99	9.76	0.60	18.66	221.73	2.99	9.78	0.60	18.50	216.34	2.99	9.80	0.61	17.10	211.35	3.00	9.82	0.70	15.21	179.43	3.00	9.84	0.65	17.48	185.32	3.00	9.86	0.59	19.17	186.92	3.00	9.88	0.58	18.25	189.51	3.01	9.90	0.57	17.10	188.51	3.01	9.92	0.56	17.20	187.21	3.02	9.94	0.58	17.10	191.60	3.03	9.96	0.57	17.68	193.20	3.03	9.98	0.60	16.85	193.10	3.04	10.00	0.58	16.69	195.69	3.05

Il Responsabile Prove in Sito:
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CANTIERE: Via Sandro Pertini - 43012 Fontanellato - PR

PROVA N°: CPTU 03 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]
DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.886950° Long.: 10.165211°
COMMESSA: 0601-22 C. SITO N°: SF221360 del 15/12/22 OPERATORE: L. Formisano

prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
10.02	0.64	16.88	200.58	3.05	12.02	1.08	28.28	441.06	3.45	14.02	0.93	26.23	452.03	4.01	16.02	1.23	48.08	549.08	4.55	18.02	1.40	34.23	651.01	5.14
10.04	0.71	17.24	204.27	3.05	12.04	1.36	24.20	460.71	3.46	14.04	0.91	26.61	453.42	4.01	16.04	1.27	47.37	552.37	4.56	18.04	1.43	31.61	662.08	5.15
10.06	0.77	17.33	201.58	3.06	12.06	1.40	24.71	296.33	3.47	14.06	0.94	27.12	456.22	4.01	16.06	1.29	46.00	558.45	4.57	18.06	1.47	31.51	671.96	5.15
10.08	0.77	17.49	156.89	3.06	12.08	1.23	31.67	190.31	3.47	14.08	0.93	27.54	458.01	4.02	16.08	1.31	46.99	562.54	4.57	18.08	1.52	31.80	679.54	5.16
10.10	0.68	20.02	177.54	3.06	12.10	1.12	40.29	258.13	3.47	14.10	0.95	27.32	460.11	4.02	16.10	1.35	47.02	566.73	4.58	18.10	1.53	32.95	675.95	5.16
10.12	0.61	19.35	191.00	3.07	12.12	1.40	32.21	375.93	3.48	14.12	0.97	27.32	460.61	4.03	16.12	1.40	47.69	558.25	4.59	18.12	1.49	35.02	654.10	5.16
10.14	0.61	17.27	195.19	3.07	12.14	1.75	30.01	313.69	3.48	14.14	0.97	27.99	460.61	4.03	16.14	1.43	49.48	567.93	4.59	18.14	1.43	35.53	641.04	5.17
10.16	0.59	16.54	200.28	3.08	12.16	1.78	30.74	158.19	3.49	14.16	0.95	27.60	459.11	4.04	16.16	1.44	51.84	556.06	4.60	18.16	1.41	36.56	635.95	5.18
10.18	0.62	16.16	208.06	3.09	12.18	1.61	31.83	269.20	3.49	14.18	0.94	27.89	458.71	4.04	16.18	1.49	53.72	543.59	4.60	18.18	1.35	36.27	629.07	5.18
10.20	0.62	15.91	210.45	3.10	12.20	1.40	34.89	446.44	3.50	14.20	0.96	28.18	458.51	4.05	16.20	1.47	56.82	563.84	4.61	18.20	1.30	36.49	619.99	5.18
10.22	0.62	15.62	210.35	3.10	12.22	1.35	29.56	604.93	3.51	14.22	0.94	28.53	459.41	4.06	16.22	1.48	59.63	566.43	4.62	18.22	1.28	37.00	622.29	5.19
10.24	0.62	15.17	209.66	3.11	12.24	1.51	28.38	647.82	3.52	14.24	0.93	29.17	456.92	4.06	16.24	1.47	61.26	561.05	4.63	18.24	1.30	37.00	634.46	5.20
10.26	0.61	15.24	209.06	3.12	12.26	1.68	29.08	335.23	3.52	14.26	0.94	29.29	456.02	4.07	16.26	1.49	63.43	556.06	4.63	18.26	1.33	35.69	647.92	5.20
10.28	0.60	15.69	210.45	3.12	12.28	1.88	28.98	94.16	3.53	14.28	0.95	29.29	457.02	4.07	16.28	1.46	64.58	552.67	4.64	18.28	1.33	34.70	648.62	5.21
10.30	0.60	16.17	213.25	3.12	12.30	1.83	33.55	49.97	3.53	14.30	0.93	29.93	456.22	4.08	16.30	1.47	64.26	549.18	4.64	18.30	1.33	32.63	648.62	5.21
10.32	0.59	16.14	214.34	3.13	12.32	1.80	38.21	267.41	3.54	14.32	0.93	29.42	453.42	4.08	16.32	1.46	62.43	540.00	4.65	18.32	1.36	32.12	654.90	5.22
10.34	0.59	16.26	218.93	3.13	12.34	1.75	41.24	161.38	3.56	14.34	0.91	28.78	454.42	4.09	16.34	1.40	60.90	525.54	4.65	18.34	1.39	31.67	663.18	5.23
10.36	0.62	16.90	223.92	3.14	12.36	1.56	39.62	72.51	3.56	14.36	0.93	28.97	457.71	4.09	16.36	1.36	60.39	513.67	4.65	18.36	1.44	31.00	670.56	5.24
10.38	0.65	16.30	228.41	3.14	12.38	1.29	38.40	52.26	3.56	14.38	0.93	29.20	461.00	4.10	16.38	1.32	61.09	510.88	4.67	18.38	1.47	32.09	676.05	5.24
10.40	0.66	16.14	229.31	3.15	12.40	1.09	38.15	130.26	3.57	14.40	0.94	28.53	463.10	4.10	16.40	1.28	61.06	514.27	4.67	18.40	1.50	33.62	680.83	5.25
10.42	0.66	15.95	231.20	3.15	12.42	0.89	36.42	322.26	3.58	14.42	0.96	28.69	463.90	4.11	16.42	1.28	60.04	516.36	4.67	18.42	1.53	35.60	685.52	5.25
10.44	0.66	16.24	232.40	3.15	12.44	0.82	31.67	352.89	3.59	14.44	0.99	28.62	463.40	4.11	16.44	1.29	57.10	516.96	4.68	18.44	1.61	37.99	691.71	5.26
10.46	0.65	16.18	235.99	3.16	12.46	0.81	28.34	375.23	3.59	14.46	0.97	28.88	463.00	4.12	16.46	1.28	55.15	521.05	4.68	18.46	1.80	40.58	723.32	5.27
10.48	0.64	16.27	238.88	3.16	12.48	0.83	24.48	377.52	3.60	14.48	0.95	29.07	463.40	4.12	16.48	1.27	53.52	522.64	4.69	18.48	1.88	41.76	718.64	5.27
10.50	0.68	16.02	240.48	3.17	12.50	0.85	24.54	378.32	3.60	14.50	0.96	28.62	462.40	4.13	16.50	1.23	50.65	526.44	4.70	18.50	1.93	42.46	585.68	5.27
10.52	0.79	16.50	247.56	3.17	12.52	0.83	24.99	377.92	3.60	14.52	0.96	28.21	462.50	4.13	16.52	1.21	47.74	532.42	4.70	18.52	1.94	43.55	553.86	5.27
10.54	0.87	20.23	254.04	3.18	12.54	0.83	25.31	383.51	3.61	14.54	0.98	28.49	466.19	4.14	16.54	1.25	44.52	541.40	4.71	18.54	1.99	44.60	551.77	5.27
10.56	0.91	21.13	179.14	3.18	12.56	0.86	25.02	391.68	3.61	14.56	0.97	28.75	467.49	4.15	16.56	1.37	40.62	557.65	4.72	18.56	2.00	43.77	514.57	5.28
10.58	0.87	22.76	324.16	3.18	12.58	1.03	21.99	391.78	3.61	14.58	0.97	28.91	467.99	4.15	16.58	1.38	40.52	563.04	4.72	18.58	1.81	45.31	503.99	5.28
10.60	0.78	21.26	299.92	3.18	12.60	0.98	21.06	244.77	3.63	14.60	0.99	28.62	467.59	4.16	16.60	1.33	39.63	498.91	4.73	18.60	1.61	45.31	517.36	5.30
10.62	0.71	20.56	295.13	3.19	12.62	0.85	23.46	309.50	3.64	14.62	0.98	28.81	466.09	4.16	16.62	1.32	37.71	513.07	4.74	18.62	1.52	42.05	564.14	5.30
10.64	0.63	19.03	312.09	3.19	12.64	0.79	22.47	348.90	3.65	14.64	0.98	29.71	466.29	4.16	16.64	1.33	37.55	528.93	4.74	18.64	1.52	38.54	674.75	5.31
10.66	0.64	17.97	340.62	3.19	12.66	0.78	20.90	383.41	3.65	14.66	0.97	29.84	467.69	4.17	16.66	1.39	37.33	545.98	4.75	18.66	1.58	37.39	678.14	5.32
10.68	0.71	16.66	351.69	3.20	12.68	0.79	18.51	393.28	3.66	14.68	0.99	29.20	469.28	4.18	16.68	1.46	36.37	558.05	4.76	18.68	1.60	40.42	682.53	5.33
10.70	0.85	18.90	347.60	3.21	12.70	0.82	18.89	397.87	3.67	14.70	0.99	29.77	471.08	4.19	16.70	1.51	34.81	564.74	4.76	18.70	1.62	42.72	685.62	5.34
10.72	1.02	22.76	359.57	3.20	12.72	0.81	19.44	398.27	3.67	14.72	1.02	29.84	473.17	4.19	16.72	1.54	35.61	569.42	4.77	18.72	1.68	40.77	678.64	5.35
10.74	1.14	23.95	263.82	3.21	12.74	0.81	20.17	395.57	3.68	14.74	1.01	30.22	473.57	4.19	16.74	1.62	38.10	581.91	4.77	18.74	1.70	42.05	667.67	5.36
10.76	1.27	24.97	256.24	3.21	12.76	0.82	21.06	395.67	3.68	14.76	1.02	30.25	471.28	4.20	16.76	1.90	39.29	573.95	4.77	18.76	1.71	44.92	626.48	5.37
10.78	1.39	26.66	215.64	3.22	12.78	0.80	21.73	397.87	3.68	14.78	1.07	31.85	514.77	4.21	16.78	1.89	41.81	520.89	4.78	18.78	1.64	46.39	624.58	5.38
10.80	1.35	27.40	183.72	3.22	12.80	0.82	23.66	439.56	3.68	14.80	1.04	33.10	508.78	4.21	16.80	1.93	44.05	291.54	4.78	18.80	1.62	50.16	587.98	5.39
10.82	1.31	38.42	33.71	3.23	12.82	0.84	24.17	438.46	3.69	14.82	1.03	32.71	501.40	4.22	16.82	1.74	45.45	578.40	4.80	18.82	1.59	50.74	548.78	5.40
10.84	0.93	35.77	66.43	3.24	12.84	0.83	24.71	438.56	3.70	14.84	1.00	32.75	499.70	4.22	16.84	1.67	44.94	715.05	4.80	18.84	1.59	50.29	570.82	5.41
10.86	0.86	30.79	105.23	3.25	12.86	0.84	24.52	437.77	3.70	14.86	0.99	32.36	501.60	4.23	16.86	1.71	39.45	519.35	4.81	18.86	1.56	53.14	627.47	5.42
10.88	0.76	28.75	170.36	3.25	12.88	0.88	25.22	440.06	3.70	14.88	1.02	30.93	505.49	4.24	16.88	1.69	39.61	473.87	4.81	18.88	1.61	54.89	587.98	5.43
10.90	0.75	27.98	267.21	3.26	12.90	0.91	24.62	440.96	3.71	14.90	1.03	30.25	507.68	4.24	16.90	1.74	39.93	533.92	4.82	18.90	1.60	54.32	523.44	5.43
10.92	0.80	25.33	318.37	3.26																				

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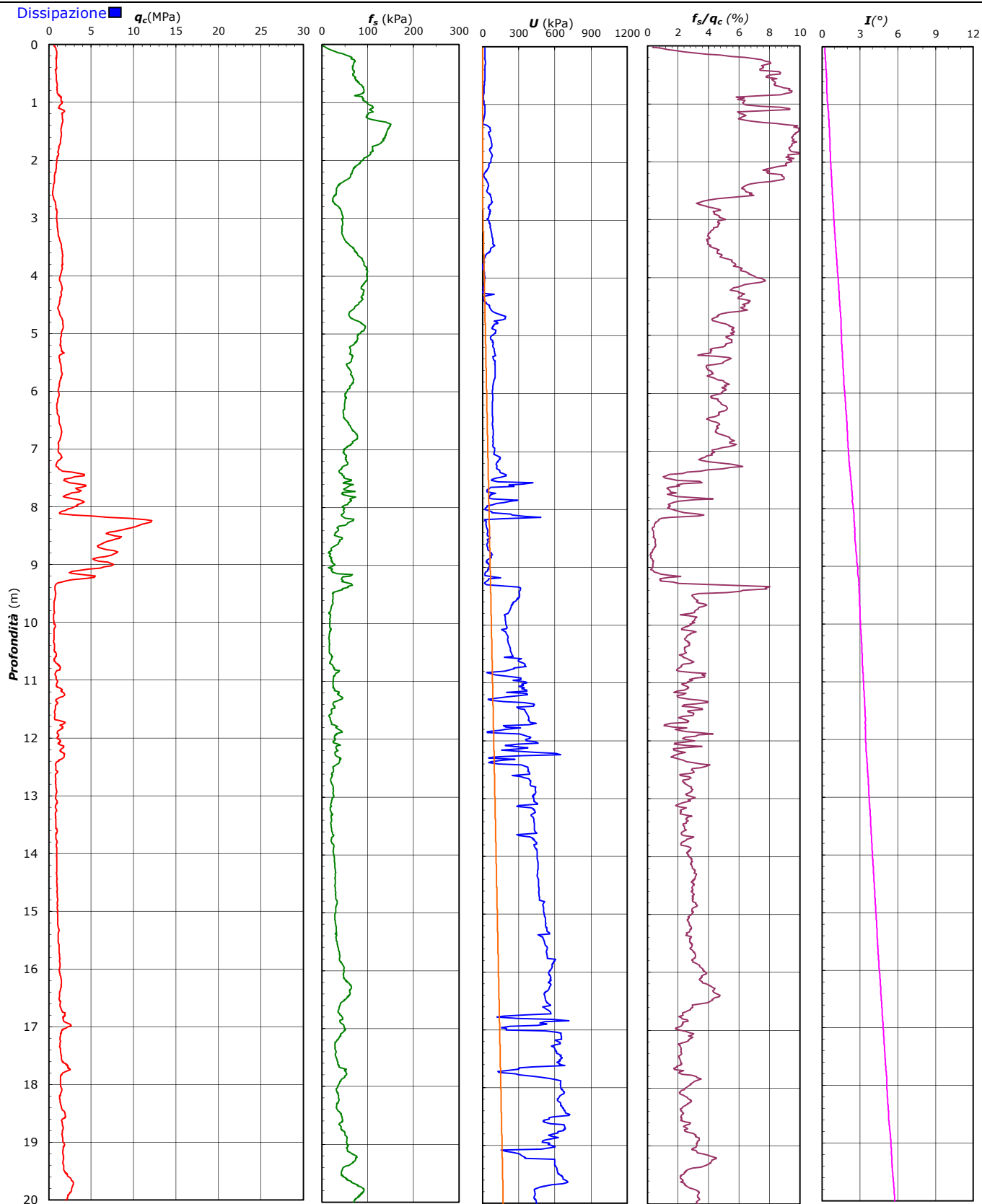
COMMITTENTE: Dott.Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Via Sandro Pertini - 43012 Fontanellato - PR

PROVA N°: CPTU 03 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.886950° Long.: 10.165211°

COMMESSA: 0601-22 C. SITO N°: SF221360 del 15/12/22 OPERATORE: L. Formisano



Il Responsabile Prove in Sito:
dott. Lorenzo Zanirato

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COMMESSA: 0601-22 C. SITO N°: SF221360 del 15/12/22 OPERATORE: L. Formisano

UBICAZIONE

Località: Via Sandro Pertini - 43012 Fontanellato - PR



NOTE: Utilizzato 1 anello allargatore da inizio prova

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CANTIERE: P.le V. Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR

PROVA N°: SCPTU 4 PROF. VALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.880380° LONG. (WGS 84): 10.172300°

COMMESSA: 0601-22 C. SITO N°: SF221363 del 15/12/22 OPERATORE: L. Formisano

Table with columns: prof. m, qc Mpa, fs kPa, U kPa, incl. gradi. It contains 200 rows of numerical data representing geotechnical test results.

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COMMITTENTE: Dott.Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: P.le V.Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR

PROVA N°: SCPTU 4 PROF. Falda (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.880380° LONG. (WGS 84): 10.172300°

COMMESSA: 0601-22 C. SITO N°: SF221363 del 15/12/22 OPERATORE: L. Formisano



prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
10.02	2.40	101.4	483	2.92	12.02	3.06	163.1	68	3.47	14.02	1.85	94.4	102	4.09	16.02	1.47	85.0	255	4.76	18.02	1.58	76.8	353	5.40
10.04	2.40	102.0	413	2.93	12.04	3.06	165.5	74	3.48	14.04	1.83	96.9	89	4.09	16.04	1.40	83.8	257	4.76	18.04	1.65	69.0	295	5.41
10.06	2.38	101.9	278	2.92	12.06	3.08	165.0	75	3.48	14.06	1.81	99.0	83	4.10	16.06	1.37	82.1	294	4.77	18.06	1.68	66.9	218	5.42
10.08	2.26	98.1	284	2.93	12.08	3.06	163.6	78	3.49	14.08	1.85	100.4	76	4.11	16.08	1.36	77.7	288	4.77	18.08	1.71	68.4	143	5.42
10.10	2.12	99.0	325	2.93	12.10	3.12	160.1	80	3.50	14.10	1.81	102.2	68	4.12	16.10	1.35	73.7	283	4.79	18.10	1.68	69.6	125	5.43
10.12	2.00	97.8	292	2.93	12.12	3.03	154.2	80	3.51	14.12	1.72	102.3	540	4.13	16.12	1.35	69.5	281	4.79	18.12	1.67	72.7	116	5.44
10.14	1.97	95.4	303	2.93	12.14	2.94	146.9	80	3.51	14.14	1.68	101.9	483	4.13	16.14	1.40	66.8	287	4.80	18.14	1.62	74.6	95	5.44
10.16	2.02	91.1	346	2.94	12.16	2.85	139.8	79	3.52	14.16	1.62	98.3	491	4.14	16.16	1.39	67.9	289	4.81	18.16	1.62	80.6	119	5.46
10.18	2.08	88.8	369	2.94	12.18	2.85	134.9	82	3.53	14.18	1.64	93.6	523	4.14	16.18	1.36	66.6	289	4.81	18.18	1.58	86.1	128	5.46
10.20	2.16	85.2	374	2.94	12.20	2.79	134.4	81	3.53	14.20	1.65	89.0	556	4.15	16.20	1.37	61.4	284	4.82	18.20	1.62	87.2	130	5.47
10.22	2.26	83.0	307	2.95	12.22	2.75	133.6	83	3.54	14.22	1.67	88.8	545	4.15	16.22	1.38	58.8	281	4.83	18.22	1.59	91.1	140	5.48
10.24	2.20	83.5	289	2.96	12.24	2.75	134.2	83	3.55	14.24	1.70	88.2	548	4.16	16.24	1.39	56.9	279	4.84	18.24	1.60	86.8	141	5.49
10.26	2.20	83.3	310	2.96	12.26	2.76	135.0	82	3.55	14.26	1.72	85.7	560	4.17	16.26	1.38	56.1	281	4.85	18.26	1.60	84.1	150	5.50
10.28	2.22	80.2	316	2.97	12.28	2.72	136.4	77	3.55	14.28	1.76	85.4	543	4.17	16.28	1.40	56.8	284	4.86	18.28	1.61	79.5	151	5.50
10.30	2.06	81.4	288	2.98	12.30	2.46	147.8	70	3.56	14.30	1.76	87.8	566	4.18	16.30	1.41	56.3	288	4.86	18.30	1.63	76.8	157	5.51
10.32	2.13	80.1	71	2.98	12.32	2.29	151.9	67	3.56	14.32	1.84	90.3	565	4.19	16.32	1.44	57.7	307	4.87	18.32	1.64	81.2	161	5.52
10.34	1.74	87.0	188	2.99	12.34	2.21	151.2	64	3.57	14.34	1.85	92.0	540	4.19	16.34	1.52	58.3	314	4.88	18.34	1.72	80.3	164	5.52
10.36	1.67	85.0	176	2.99	12.36	2.11	150.9	62	3.58	14.36	1.83	92.6	580	4.20	16.36	1.60	55.0	313	4.89	18.36	1.75	78.5	170	5.53
10.38	1.63	82.0	102	3.00	12.38	2.06	153.0	60	3.59	14.38	1.85	91.9	526	4.21	16.38	1.44	60.1	306	4.90	18.38	1.81	76.0	172	5.54
10.40	1.65	80.9	63	3.01	12.40	1.98	148.7	58	3.60	14.40	1.82	91.4	525	4.21	16.40	1.44	59.0	304	4.90	18.40	1.81	75.4	170	5.54
10.42	1.68	82.2	58	3.01	12.42	1.93	142.0	57	3.60	14.42	1.78	89.7	515	4.22	16.42	1.43	59.3	308	4.91	18.42	1.81	75.0	165	5.55
10.44	1.68	86.5	54	3.01	12.44	1.88	134.3	56	3.61	14.44	1.81	90.3	513	4.22	16.44	1.37	61.0	324	4.92	18.44	1.74	79.3	163	5.55
10.46	1.73	92.3	53	3.02	12.46	1.79	131.4	57	3.62	14.46	1.79	90.0	503	4.23	16.46	1.37	62.7	331	4.93	18.46	1.65	83.6	190	5.55
10.48	1.77	91.0	55	3.02	12.48	1.74	126.8	57	3.63	14.48	1.77	89.7	471	4.24	16.48	1.34	63.4	350	4.94	18.48	1.64	85.2	195	5.56
10.50	1.82	94.4	52	3.03	12.50	1.68	115.2	54	3.63	14.50	1.75	90.7	424	4.25	16.50	1.39	63.9	363	4.95	18.50	1.72	88.5	199	5.56
10.52	1.90	97.2	56	3.03	12.52	1.58	110.1	52	3.65	14.52	1.76	93.5	486	4.25	16.52	1.38	65.1	360	4.95	18.52	1.75	92.9	202	5.56
10.54	2.00	99.7	54	3.04	12.54	1.50	108.6	51	3.65	14.54	1.79	96.7	452	4.26	16.54	1.46	62.0	358	4.95	18.54	1.77	92.7	205	5.57
10.56	2.07	100.7	52	3.04	12.56	1.41	102.7	49	3.66	14.56	1.83	95.2	422	4.26	16.56	1.48	59.8	352	4.96	18.56	1.80	90.0	206	5.57
10.58	2.16	101.6	51	3.05	12.58	1.35	99.1	47	3.67	14.58	1.90	93.2	279	4.27	16.58	1.51	59.2	351	4.97	18.58	1.85	86.6	204	5.57
10.60	2.24	102.2	51	3.05	12.60	1.18	94.7	44	3.68	14.60	1.96	93.5	134	4.28	16.60	1.51	59.5	343	4.98	18.60	1.85	87.4	203	5.58
10.62	2.28	103.3	51	3.05	12.62	1.05	92.9	41	3.69	14.62	1.93	94.0	96	4.29	16.62	1.46	57.9	333	4.98	18.62	1.86	91.0	204	5.59
10.64	2.35	105.4	48	3.06	12.64	0.93	91.1	39	3.70	14.64	1.89	94.9	73	4.30	16.64	1.37	59.7	320	4.99	18.64	1.85	97.0	202	5.60
10.66	2.40	108.0	45	3.06	12.66	0.87	85.1	40	3.71	14.66	1.81	94.8	61	4.31	16.66	1.30	59.6	308	5.00	18.66	1.79	94.5	193	5.61
10.68	2.44	113.9	38	3.06	12.68	0.84	78.3	43	3.71	14.68	1.70	97.7	59	4.32	16.68	1.20	61.1	298	5.00	18.68	1.88	98.9	194	5.62
10.70	2.50	116.5	37	3.07	12.70	0.92	67.5	52	3.71	14.70	1.69	96.6	44	4.33	16.70	1.14	61.8	296	5.01	18.70	1.86	103.1	195	5.63
10.72	2.51	123.0	34	3.07	12.72	0.97	59.6	57	3.72	14.72	1.70	95.2	35	4.33	16.72	1.14	60.7	299	5.01	18.72	1.86	107.9	196	5.64
10.74	2.52	127.3	31	3.07	12.74	1.01	54.0	62	3.72	14.74	1.71	96.0	40	4.34	16.74	1.12	60.4	301	5.02	18.74	1.88	116.2	200	5.65
10.76	2.59	133.5	29	3.08	12.76	1.02	47.2	64	3.73	14.76	1.69	96.2	36	4.36	16.76	1.12	60.0	304	5.02	18.76	1.87	117.3	203	5.65
10.78	2.56	137.4	26	3.09	12.78	1.00	40.6	65	3.74	14.78	1.72	95.2	38	4.36	16.78	1.14	59.0	311	5.02	18.78	1.88	112.1	208	5.66
10.80	2.53	142.0	24	3.09	12.80	0.97	35.5	66	3.73	14.80	1.72	93.5	39	4.37	16.80	1.14	58.6	316	5.03	18.80	1.97	110.9	211	5.67
10.82	2.46	144.9	22	3.09	12.82	1.02	32.7	68	3.74	14.82	1.71	92.2	42	4.38	16.82	1.18	57.3	320	5.03	18.82	2.05	109.6	214	5.68
10.84	2.43	148.6	21	3.10	12.84	1.08	28.3	70	3.74	14.84	1.76	91.5	52	4.39	16.84	1.18	56.3	323	5.04	18.84	2.12	112.5	218	5.68
10.86	2.42	147.7	19	3.11	12.86	1.11	26.6	72	3.74	14.86	1.83	90.9	57	4.39	16.86	1.16	56.4	325	5.04	18.86	2.20	111.3	222	5.70
10.88	2.38	147.2	18	3.11	12.88	1.11	27.6	72	3.75	14.88	1.87	92.6	61	4.41	16.88	1.14	54.1	326	5.04	18.88	2.26	110.9	226	5.70
10.90	2.34	148.4	20	3.12	12.90	1.10	28.9	75	3.76	14.90	1.75	93.1	606	4.42	16.90	1.17	50.1	329	5.05	18.90	2.31	114.3	229	5.71
10.93	2.30	148.1	18	3.13	12.92	1.18	29.6	85	3.77	14.92	1.69	91.6	531	4.42	16.92	1.13	49.9	328	5.05	18.92	2.25	115.6	235	5.71
10.94	2.30	147.2	18	3.14	12.94	1.29	25.9	223	3.77	14.94	1.75	88.5	254	4.43	16.94	1.12	48.0	327	5.06	18.94	2.28	116.1	236	5.72
10.96	2.28	146.4	28	3.15	12.96	1.35	29.2	231	3.78	14.96	1.74	88.4	277	4.44	16.96	1.11	46.7	327	5.06	18.96	1.99	94.7	239	5.72
10.98	2.25	144.6	25	3.15	12.98	1.38	31.1	237	3.79	14.98	1.70	88.2	233	4.44	16.98	1.16	45.6	335	5.06	18.98	2.32	107.5	248	5.71
11.00	2.24	141.2	23																					

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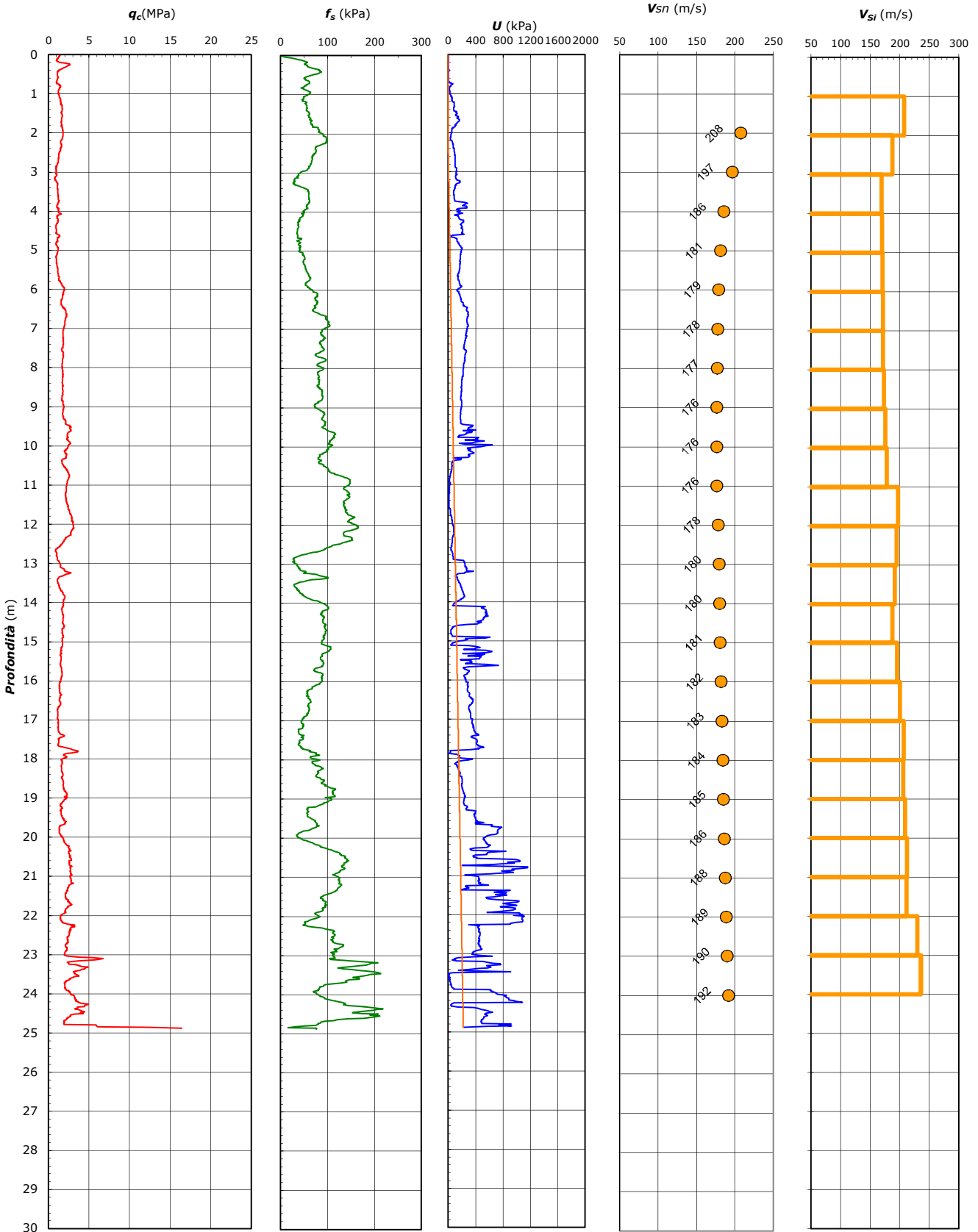
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CANTIERE: P.le V.Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR

PROVA N°: SCPTU 4 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]
 DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.880380° LONG. (WGS 84): 10.172300°
 COMMESSA: 0601-22 C. SITO N°: SF221363 del 15/12/22 OPERATORE: L. Formisano



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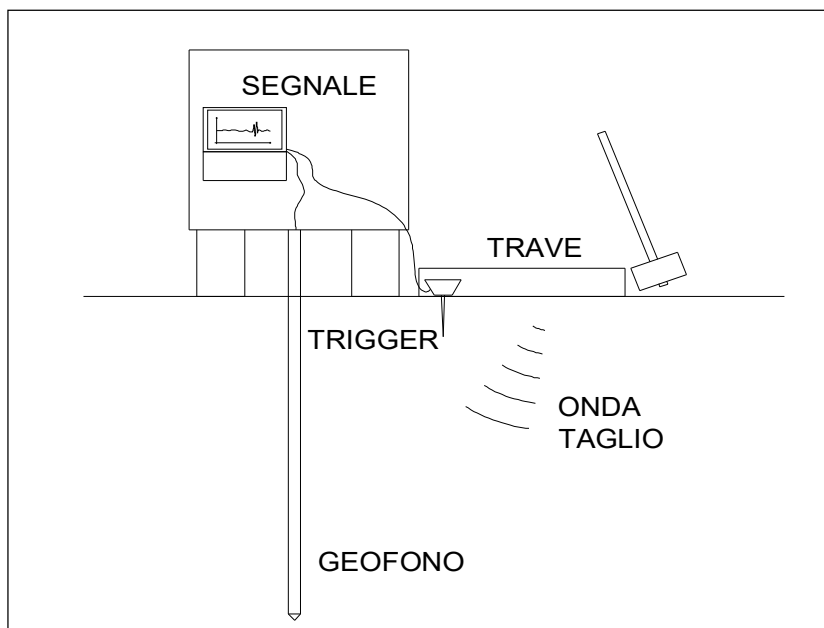
CANTIERE: P.le V.Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR

PROVA N°: SCPTU 4 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LAT. (WGS 84): 44.880380° LONG. (WGS 84): 10.172300°

COMMESSA: 0601-22 C. SITO N°: SF221363 del 15/12/22 OPERATORE: L. Formisano

Prova Down Hole ASTM D 7400



Profondità (m)	Ts (ms)	L (m)	Vs (m/s)	Vis (m/s)
1.0	T0	1.41	-	-
2.0	3.96	2.24	208	208
3.0	8.89	3.16	197	188
4.0	14.58	4.12	186	169
5.0	20.32	5.10	181	170
6.0	26.07	6.08	179	171
7.0	31.84	7.07	178	171
8.0	37.60	8.06	177	172
9.0	43.33	9.06	176	173
10.0	49.00	10.05	176	175
11.0	54.60	11.05	176	178
12.0	59.65	12.04	178	197
13.0	64.76	13.04	180	195
14.0	69.97	14.04	180	191
15.0	75.28	15.03	181	188
16.0	80.38	16.03	182	195
17.0	85.36	17.03	183	201
18.0	90.20	18.03	184	206
19.0	95.04	19.03	185	206
20.0	99.83	20.02	186	209
21.0	104.54	21.02	188	212
22.0	109.25	22.02	189	212
23.0	113.60	23.02	190	230
24.0	117.84	24.02	192	236

CATEGORIA SOTTOSUOLO

V_{s,30} = m/s

- D = Distanza centro trave generatrice on
- Profondità = Profondità punta da piano campagna
- Ts = Tempo percorrenza onda di taglio
- L = Lunghezza percorso onda di taglio
- Vs = Velocità onde di taglio da piano campagna alla profondità ind = 1.00 m
- Vis = Velocità onde di taglio nello strato di terreno compreso fra le due profondità indicate

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CANTIERE: P.le V.Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR

PROVA N°: SCPTU 4 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 111010)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): LONG. (WGS 84): 44.880380° LONG. (WGS 84): 10.172300°

COMMESSA: 0601-22 C. SITO N°: SF221363 del 15/12/22 OPERATORE: L. Formisano

UBICAZIONE

Località: P.le V.Veneto - Istituto Comprensivo di Fontanellato e Fontevivo - 43012 Fontanellato - PR



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COMMITTENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Via Ceriati - 43012 Fontanellato - PR

PROVA N°: CPTU 05 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22

PREFORO (m da p.c.):

Lat.: 44.879252°

Long.: 10.166468°

COMMESSA: 0601-22

C. SITO N°: SF221361 del 15/12/22 OPERATORE: L. Formisano

prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
0.02	0.64	5.63	2.39	0.61	2.02	1.49	76.93	0.70	1.02	4.02	1.02	64.11	50.77	1.48	6.02	1.31	28.12	14.56	1.92	8.02	6.07	88.03	50.27	2.53
0.04	0.67	10.51	1.00	0.61	2.04	1.53	75.78	3.59	1.02	4.04	1.00	61.68	48.27	1.48	6.04	1.18	34.70	15.26	1.93	8.04	7.11	86.11	51.07	2.53
0.06	0.72	16.93	0.10	0.62	2.06	1.55	76.51	6.48	1.03	4.06	0.99	60.47	48.08	1.49	6.06	1.24	37.32	11.07	1.93	8.06	7.77	91.03	50.87	2.53
0.08	0.77	22.68	0.10	0.63	2.08	1.59	80.05	9.87	1.04	4.08	0.96	57.56	48.08	1.49	6.08	1.07	35.63	12.07	1.93	8.08	8.36	94.32	55.76	2.53
0.10	0.74	28.23	0.60	0.63	2.10	1.61	82.35	11.47	1.03	4.10	0.97	54.81	48.08	1.50	6.10	0.98	37.92	8.48	1.93	8.10	8.76	93.36	55.66	2.54
0.12	0.75	33.24	4.59	0.64	2.12	1.58	84.58	12.97	1.04	4.12	0.98	54.34	47.98	1.50	6.12	0.84	33.10	11.47	1.94	8.12	8.80	87.97	56.15	2.54
0.14	0.81	40.30	2.39	0.64	2.14	1.53	89.24	13.96	1.04	4.14	0.99	54.49	47.98	1.50	6.14	0.84	26.53	16.26	1.94	8.14	8.90	82.41	56.25	2.53
0.16	0.86	47.93	0.50	0.65	2.16	1.51	93.17	14.36	1.05	4.16	1.02	55.45	47.88	1.51	6.16	0.76	24.93	17.36	1.95	8.16	9.11	78.19	55.76	2.54
0.18	0.87	52.81	7.88	0.65	2.18	1.47	95.72	14.56	1.05	4.18	1.01	56.12	47.78	1.52	6.18	0.70	22.70	17.95	1.96	8.18	9.16	73.66	55.66	2.55
0.20	0.55	44.73	5.39	0.66	2.20	1.46	96.42	14.66	1.06	4.20	1.01	56.06	47.98	1.52	6.20	1.01	19.34	55.36	1.97	8.20	8.96	63.00	55.36	2.55
0.22	0.81	50.22	2.19	0.67	2.22	1.43	97.51	15.36	1.06	4.22	1.07	57.49	47.78	1.52	6.22	1.26	20.49	45.58	1.97	8.22	8.83	53.55	54.96	2.56
0.24	0.78	53.69	1.00	0.67	2.24	1.42	97.76	19.35	1.07	4.24	1.10	57.78	47.68	1.52	6.24	1.37	26.14	38.60	1.98	8.24	8.97	45.95	53.56	2.56
0.26	0.77	57.52	2.59	0.68	2.26	1.40	94.02	20.95	1.07	4.26	1.11	58.48	47.58	1.53	6.26	1.36	31.60	34.11	1.97	8.26	8.63	46.55	54.26	2.56
0.28	0.75	57.77	2.79	0.68	2.28	1.36	91.72	22.04	1.08	4.28	1.14	60.02	46.88	1.53	6.28	1.48	38.63	42.19	1.96	8.28	8.97	47.00	52.26	2.57
0.30	0.73	56.62	1.80	0.69	2.30	1.35	88.91	23.14	1.08	4.30	1.15	59.31	46.48	1.54	6.30	2.62	41.88	167.86	1.95	8.30	8.37	49.62	53.26	2.59
0.32	0.69	56.46	7.78	0.69	2.32	1.35	86.99	23.74	1.08	4.32	1.15	60.08	46.48	1.54	6.32	3.69	32.75	11.97	1.96	8.32	7.96	64.85	53.06	2.60
0.34	0.68	54.48	6.28	0.70	2.34	1.32	86.41	23.94	1.09	4.34	1.14	63.11	46.58	1.55	6.34	3.89	30.42	7.88	1.97	8.34	8.18	61.40	52.26	2.60
0.36	0.68	52.49	5.59	0.71	2.36	1.29	86.35	25.33	1.10	4.36	1.13	63.91	46.48	1.56	6.36	3.66	27.61	6.98	1.97	8.36	8.09	54.85	52.16	2.60
0.38	0.70	48.34	7.98	0.71	2.38	1.28	85.67	25.93	1.11	4.38	1.16	63.94	46.38	1.56	6.38	3.31	23.91	6.28	1.97	8.38	7.83	52.87	52.66	2.60
0.40	0.74	44.63	7.68	0.72	2.40	1.26	83.37	26.73	1.11	4.40	1.14	65.54	46.38	1.57	6.40	3.08	22.98	6.28	1.98	8.40	7.34	50.63	53.06	2.60
0.42	0.77	43.80	9.87	0.73	2.42	1.22	82.09	27.73	1.11	4.42	1.11	67.23	46.28	1.57	6.42	2.92	28.76	5.98	1.98	8.42	6.89	49.10	53.36	2.60
0.44	0.69	43.57	11.27	0.74	2.44	1.18	81.51	29.02	1.13	4.44	1.10	67.29	44.68	1.58	6.44	3.50	39.78	6.28	2.00	8.44	6.54	42.94	53.46	2.62
0.46	0.65	43.08	11.47	0.74	2.46	1.18	80.17	29.72	1.12	4.46	1.07	65.76	44.38	1.60	6.46	4.00	52.55	3.39	2.01	8.46	6.27	31.89	52.96	2.64
0.48	0.63	44.00	11.57	0.75	2.48	1.15	79.94	30.72	1.13	4.48	1.05	64.01	44.29	1.60	6.48	4.20	54.88	3.49	2.01	8.48	6.42	32.20	52.07	2.64
0.50	0.68	48.08	8.88	0.74	2.50	1.15	79.56	31.32	1.15	4.50	1.01	62.70	44.19	1.61	6.50	4.25	47.76	3.09	2.01	8.50	6.76	34.44	51.77	2.63
0.52	0.68	50.41	6.28	0.75	2.52	1.16	79.37	31.72	1.15	4.52	0.97	61.61	44.19	1.61	6.52	4.23	43.83	2.29	2.01	8.52	7.65	41.62	51.47	2.63
0.54	0.65	53.12	2.99	0.76	2.54	1.15	79.65	31.72	1.16	4.54	0.93	58.77	44.29	1.62	6.54	4.21	40.22	1.10	2.01	8.54	8.95	47.49	50.97	2.64
0.56	0.71	53.01	5.69	0.76	2.56	1.16	80.13	31.72	1.16	4.56	0.90	56.18	44.19	1.62	6.56	4.22	39.07	1.60	2.01	8.56	10.53	55.73	50.37	2.65
0.58	0.67	53.33	8.68	0.78	2.58	1.18	79.64	33.11	1.16	4.58	0.90	54.58	44.19	1.63	6.58	4.14	36.36	5.88	2.02	8.58	11.76	64.47	49.77	2.65
0.60	0.71	53.20	8.08	0.78	2.60	1.18	79.10	34.71	1.17	4.60	0.87	53.72	44.09	1.64	6.60	3.91	33.52	13.86	2.04	8.60	12.20	62.88	49.27	2.64
0.62	0.70	50.22	3.99	0.78	2.62	1.19	78.62	36.41	1.18	4.62	0.87	53.11	44.09	1.64	6.62	3.83	33.42	19.35	2.04	8.62	11.87	48.41	49.37	2.64
0.64	0.72	51.62	0.60	0.78	2.64	1.17	77.53	38.00	1.18	4.64	0.90	52.28	43.99	1.65	6.64	3.86	39.13	21.74	2.05	8.64	11.11	39.57	49.77	2.65
0.66	0.86	49.28	3.99	0.77	2.66	1.17	76.06	38.10	1.18	4.66	0.91	51.99	43.79	1.65	6.66	3.99	44.63	27.53	2.05	8.66	10.45	37.72	49.97	2.65
0.68	0.97	45.89	6.48	0.78	2.68	1.11	75.77	37.80	1.18	4.68	0.91	51.74	43.79	1.65	6.68	3.97	59.09	31.42	2.05	8.68	9.76	37.87	49.97	2.66
0.70	0.97	45.18	4.19	0.78	2.70	1.11	74.33	37.60	1.20	4.70	0.94	50.68	43.39	1.65	6.70	4.24	51.52	32.52	2.05	8.70	9.03	38.38	50.27	2.67
0.72	1.32	43.20	2.79	0.79	2.72	1.10	73.24	37.40	1.19	4.72	0.95	49.15	43.49	1.65	6.72	4.27	50.40	32.32	2.05	8.72	8.12	33.18	50.67	2.68
0.74	1.93	49.10	7.28	0.80	2.74	1.09	72.47	37.90	1.20	4.74	0.95	48.39	43.49	1.66	6.74	4.15	46.54	31.82	2.06	8.74	7.42	28.90	50.87	2.70
0.77	2.04	59.41	5.98	0.80	2.76	1.10	72.73	38.60	1.20	4.76	0.94	48.39	43.69	1.66	6.76	3.86	36.61	32.02	2.07	8.76	7.03	26.82	50.67	2.70
0.78	2.23	58.92	7.58	0.80	2.78	1.12	74.86	39.50	1.21	4.78	0.91	49.63	43.69	1.66	6.78	3.41	27.95	32.91	2.08	8.78	6.44	24.24	50.27	2.71
0.80	2.27	61.34	8.38	0.80	2.80	1.12	75.79	40.59	1.21	4.80	0.92	49.19	43.79	1.67	6.80	2.45	22.46	34.51	2.08	8.80	6.05	22.92	50.57	2.72
0.82	1.91	70.02	7.48	0.80	2.82	1.13	75.34	41.69	1.22	4.82	0.85	49.22	44.09	1.67	6.82	1.75	18.69	32.02	2.09	8.82	6.01	28.54	44.98	2.70
0.84	1.84	79.42	35.21	0.78	2.84	1.13	74.76	42.59	1.22	4.84	0.83	50.42	44.38	1.65	6.84	1.44	26.45	32.12	2.09	8.84	6.17	38.24	48.87	2.71
0.86	2.24	94.32	57.15	0.77	2.86	1.12	72.02	43.99	1.23	4.86	0.81	51.37	44.68	1.66	6.86	1.25	45.09	30.32	2.09	8.86	6.16	45.91	54.06	2.71
0.88	3.03	103.03	66.53	0.77	2.88	1.21	71.49	47.08	1.22	4.88	0.77	50.90	44.29	1.67	6.88	1.20	46.98	72.31	2.09	8.88	6.18	57.91	56.55	2.71
0.90	4.26	103.72	21.54	0.75	2.90	1.19	70.79	48.57	1.22	4.90	0.77	50.16	42.69	1.67	6.90	1.10	41.68	90.96	2.10	8.90	6.40	58.26	59.55	2.71
0.92	4.58	99.85	22.34	0.75	2.92	1.17	71.52	50.07	1.23	4.92	0.76	48.05	42.19	1.67	6.92	0.92	38.80	67.33	2.10	8.92	6.82	59.35	60.24	2.70
0.94	4.67	113.81	23.34	0.75	2.94																			

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CANTIERE: Via Ceriati - 43012 Fontanellato - PR

PROVA N°: CPTU 05 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): OPER. 44:879252° Long.: 10.166468°

COMMESSA: 0601-22 C. SITO N°: SF221361 del 15/12/22 LATOPERATORE: L. Formisano

prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi	prof. m	qc Mpa	fs kPa	U kPa	incl. gradi
10.02	1.95	85.31	314.68	2.88	12.02	2.35	74.75	208.86	3.36	14.02	1.57	73.78	193.30	4.03	16.02	2.86	159.70	128.37	4.71	18.02	2.91	164.85	202.28	5.43
10.04	1.96	68.87	330.14	2.89	12.04	2.36	80.31	209.76	3.37	14.04	1.45	68.90	191.70	4.04	16.04	3.01	149.37	133.65	4.73	18.04	2.79	164.15	200.38	5.44
10.06	2.03	57.22	325.36	2.89	12.06	2.33	88.20	210.06	3.38	14.06	1.45	68.67	190.71	4.05	16.06	3.36	140.63	141.13	4.74	18.06	2.74	160.63	199.98	5.45
10.08	2.06	54.12	318.57	2.89	12.08	2.31	92.76	210.06	3.38	14.08	1.39	72.35	189.91	4.06	16.08	2.78	166.30	136.35	4.75	18.08	2.71	160.47	200.08	5.46
10.10	2.03	53.55	307.10	2.90	12.10	2.26	96.11	210.65	3.39	14.10	1.35	75.57	190.81	4.07	16.10	2.79	161.23	143.83	4.75	18.10	2.73	158.70	200.38	5.46
10.12	2.00	58.21	296.53	2.91	12.12	2.27	98.81	210.55	3.39	14.12	1.39	76.18	192.50	4.08	16.12	2.86	161.48	146.32	4.77	18.12	2.71	158.54	200.48	5.47
10.14	1.92	58.34	289.75	2.91	12.14	2.24	101.42	211.05	3.40	14.14	1.45	75.06	194.99	4.09	16.14	2.72	153.96	146.92	4.78	18.14	2.72	159.23	200.88	5.48
10.16	1.86	56.56	287.06	2.91	12.16	2.26	103.37	213.05	3.40	14.16	1.55	71.45	196.69	4.10	16.16	2.66	140.42	148.02	4.79	18.16	2.69	157.91	200.68	5.49
10.18	1.86	61.57	286.76	2.92	12.18	2.26	103.84	214.64	3.41	14.18	1.46	69.15	194.60	4.11	16.18	2.64	142.69	148.81	4.79	18.18	2.66	158.13	201.08	5.49
10.20	1.85	62.50	284.06	2.92	12.20	2.29	102.55	215.34	3.41	14.20	1.43	67.40	194.00	4.12	16.20	2.66	141.87	149.71	4.80	18.20	2.68	156.33	202.08	5.50
10.22	1.82	57.61	277.88	2.93	12.22	2.36	102.11	216.34	3.42	14.22	1.41	63.66	193.30	4.12	16.22	2.68	139.94	150.81	4.81	18.22	2.69	155.20	203.47	5.51
10.24	1.82	57.55	273.99	2.93	12.24	2.43	99.59	217.14	3.43	14.24	1.40	62.13	192.70	4.13	16.24	2.67	141.14	151.41	4.81	18.24	2.69	155.20	204.77	5.52
10.26	1.77	58.80	272.09	2.94	12.26	2.49	100.88	217.74	3.44	14.26	1.47	62.29	194.50	4.14	16.26	2.69	141.89	151.51	4.82	18.26	2.72	153.84	204.97	5.52
10.28	1.82	58.89	273.39	2.94	12.28	2.46	99.65	215.54	3.44	14.28	1.65	62.77	198.59	4.15	16.28	2.70	141.16	151.91	4.83	18.28	2.73	153.18	205.07	5.53
10.30	1.96	55.61	274.29	2.95	12.30	2.49	101.29	217.74	3.46	14.30	1.71	66.73	200.88	4.16	16.30	2.68	143.36	153.40	4.84	18.30	2.70	152.42	204.47	5.54
10.32	2.11	56.50	273.29	2.96	12.32	2.57	104.97	219.73	3.46	14.32	1.77	61.81	202.28	4.17	16.32	2.69	141.94	156.99	4.85	18.32	2.67	153.17	204.67	5.55
10.34	2.09	60.81	269.10	2.96	12.34	2.59	111.73	220.53	3.47	14.34	1.87	60.09	202.67	4.17	16.34	2.74	140.84	158.09	4.85	18.34	2.67	157.26	204.27	5.55
10.36	2.00	59.41	262.52	2.96	12.36	2.64	116.42	222.02	3.47	14.36	1.93	60.03	203.77	4.19	16.36	2.79	139.64	159.49	4.86	18.36	2.65	159.06	204.27	5.55
10.38	1.80	59.76	255.74	2.97	12.38	2.69	121.55	224.52	3.49	14.38	1.94	66.47	202.18	4.20	16.38	2.84	139.33	160.88	4.87	18.38	2.66	161.95	204.47	5.56
10.40	1.72	57.21	254.64	2.97	12.40	2.71	124.85	225.81	3.50	14.40	1.77	66.09	199.08	4.20	16.40	2.90	137.75	162.18	4.88	18.40	2.69	164.94	205.07	5.57
10.42	1.72	54.72	258.03	2.98	12.42	2.77	128.75	227.61	3.50	14.42	1.62	68.87	197.79	4.21	16.42	2.95	131.68	163.48	4.89	18.42	2.70	165.72	205.07	5.58
10.44	1.84	53.76	263.42	2.98	12.44	2.84	131.33	228.81	3.51	14.44	1.60	69.70	197.59	4.22	16.44	3.00	124.09	164.57	4.89	18.44	2.68	164.81	205.37	5.59
10.46	2.35	48.46	280.77	2.98	12.46	2.90	132.30	229.60	3.52	14.46	1.61	74.20	220.33	4.23	16.46	3.02	120.63	165.47	4.90	18.46	2.70	162.23	205.87	5.59
10.48	4.14	49.17	319.27	2.98	12.48	2.90	138.00	230.00	3.53	14.48	1.58	76.63	219.03	4.24	16.48	2.98	120.25	164.97	4.92	18.48	2.74	160.72	206.56	5.61
10.50	8.63	67.02	198.98	2.99	12.50	2.91	145.30	231.40	3.54	14.50	1.60	74.88	219.93	4.25	16.50	2.88	124.85	163.18	4.92	18.50	2.71	160.53	206.96	5.61
10.52	12.51	91.83	139.14	2.99	12.52	2.95	150.20	230.70	3.54	14.52	1.59	77.11	220.13	4.26	16.52	2.78	129.25	161.78	4.93	18.52	2.69	159.89	207.56	5.62
10.54	14.67	98.08	122.98	2.99	12.54	3.00	154.23	231.30	3.55	14.54	1.61	77.46	222.12	4.27	16.54	2.71	130.89	160.98	4.94	18.54	2.68	157.41	207.96	5.63
10.56	15.67	107.30	114.60	2.99	12.56	2.93	161.46	228.91	3.56	14.56	1.75	72.29	226.31	4.27	16.56	2.59	137.09	160.58	4.94	18.56	2.70	153.50	208.16	5.63
10.58	15.59	108.56	99.84	2.99	12.58	2.89	165.14	228.01	3.56	14.58	1.93	72.96	240.98	4.28	16.58	2.50	139.45	160.28	4.95	18.58	2.36	134.31	202.77	5.64
10.60	14.22	100.32	79.49	3.00	12.60	2.80	166.05	226.91	3.57	14.60	2.09	75.93	243.07	4.29	16.60	2.46	140.39	160.88	4.96	18.60	2.68	158.58	203.87	5.65
10.62	12.25	99.38	63.54	3.00	12.62	2.78	163.03	226.01	3.57	14.62	2.10	76.47	243.47	4.29	16.62	2.41	139.00	161.58	4.96	18.62	2.57	154.73	203.07	5.65
10.64	10.65	112.15	52.86	3.03	12.64	2.77	159.34	225.71	3.58	14.64	2.13	79.76	245.36	4.30	16.64	2.42	136.86	163.38	4.97	18.64	2.48	153.72	202.97	5.66
10.66	9.16	125.84	43.39	3.04	12.66	2.79	158.87	225.62	3.59	14.66	2.13	81.20	244.37	4.30	16.66	2.41	132.49	164.07	4.98	18.66	2.51	151.02	204.07	5.67
10.68	9.03	184.42	45.58	3.00	12.68	2.78	157.77	223.32	3.59	14.68	2.15	81.16	244.96	4.31	16.68	2.43	125.94	164.27	4.98	18.68	2.56	145.23	205.77	5.68
10.70	10.52	212.43	60.64	2.99	12.70	2.78	158.02	222.92	3.61	14.70	2.18	83.78	245.66	4.32	16.70	2.34	120.62	163.58	4.98	18.70	2.58	136.35	207.86	5.68
10.72	11.86	240.19	57.55	2.99	12.72	2.75	159.71	223.62	3.61	14.72	2.24	86.50	247.06	4.32	16.72	2.27	117.26	162.68	4.99	18.72	2.66	126.82	209.46	5.69
10.74	11.41	233.29	50.37	3.01	12.74	2.75	161.13	225.52	3.62	14.74	2.46	93.84	252.35	4.33	16.74	2.21	118.14	162.08	4.99	18.74	2.68	121.60	210.75	5.70
10.76	8.31	226.97	34.41	3.02	12.76	2.79	159.90	224.12	3.63	14.76	2.42	93.49	250.35	4.33	16.76	1.51	81.52	162.78	5.01	18.76	2.71	106.67	214.24	5.71
10.78	5.87	213.00	23.24	3.02	12.78	2.88	161.87	228.91	3.63	14.78	2.14	91.55	244.87	4.34	16.78	2.16	113.25	171.26	5.01	18.78	2.80	106.65	216.14	5.71
10.80	4.16	140.78	13.76	3.02	12.80	2.94	166.78	230.50	3.64	14.80	2.06	92.16	252.45	4.35	16.80	2.10	113.19	170.76	5.02	18.80	2.79	110.67	216.04	5.72
10.82	2.91	130.83	1.30	3.05	12.82	2.92	164.14	227.91	3.65	14.82	2.11	92.35	259.73	4.35	16.82	2.05	113.82	170.66	5.02	18.82	2.76	114.92	216.04	5.72
10.84	2.00	121.11	47.07	3.06	12.84	2.82	162.85	228.21	3.66	14.84	2.19	93.66	264.71	4.36	16.84	2.01	110.33	170.86	5.03	18.84	2.77	123.67	216.94	5.73
10.86	1.80	93.80	832.24	3.07	12.86	2.75	162.69	229.01	3.66	14.86	2.04	88.49	259.23	4.37	16.86	2.03	104.76	171.65	5.04	18.86	2.81	129.65	218.13	5.74
10.88	1.80	74.36	777.68	3.07	12.88	2.93	164.14	234.79	3.67	14.88	2.12	86.96	260.33	4.37	16.88	2.13	97.17	173.25	5.05	18.88	2.87	134.91	218.43	5.75
10.90	1.90	75.38	693.50	3.08	12.90	2.78																		

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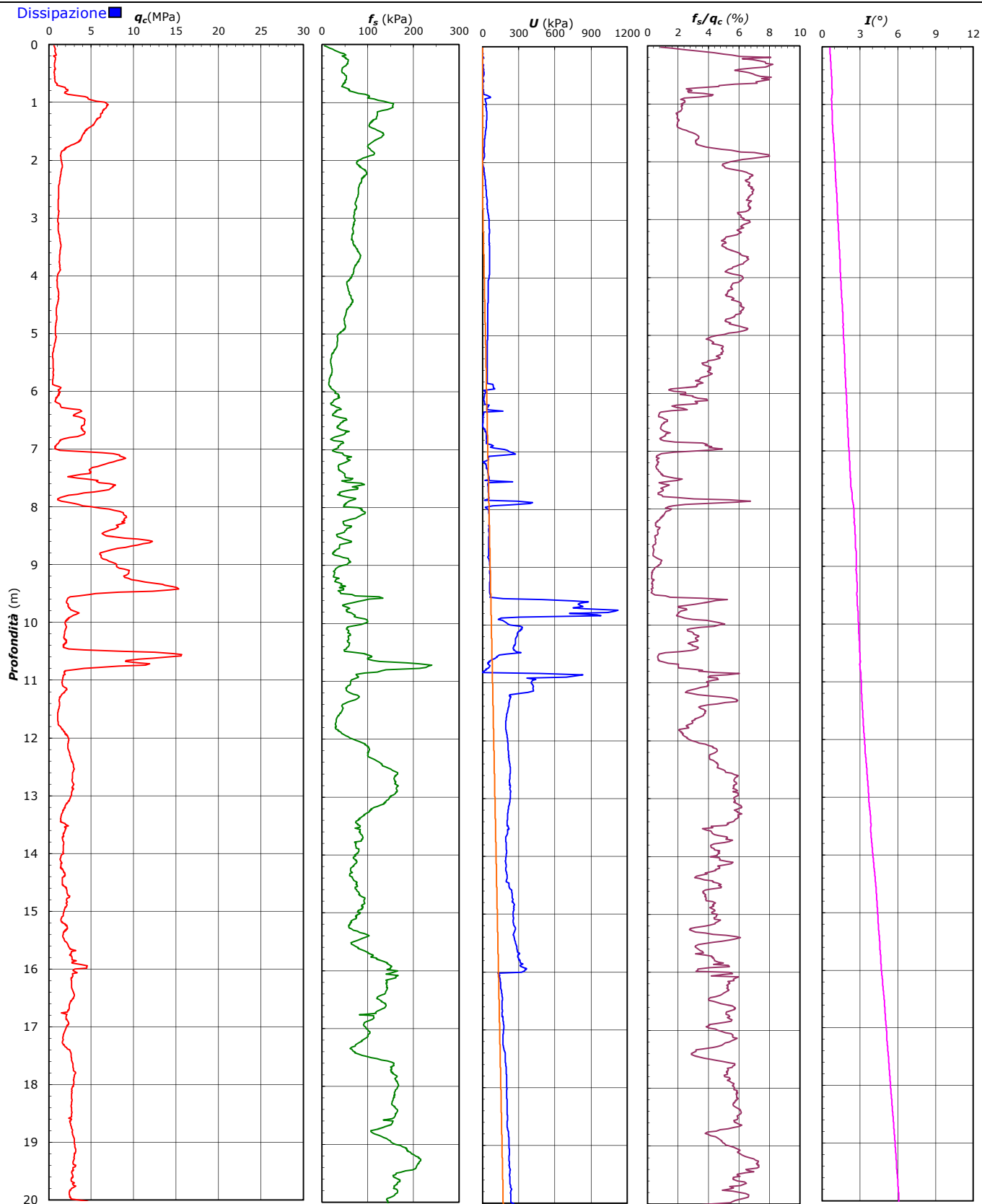
COMMITTENTE: Dott. Geol. Stefano Castagnetti - via Argini Sud, 24 - 43022 Basilicanova PR

CANTIERE: Via Ceriati - 43012 Fontanellato - PR

PROVA N°: CPTU 05 PROF. FALDA (m da p.c.): 2.50 PUNTA: Tecnopenta G1-CPL2IN (matr. 121114)[a = 0.66]

DATA: 12/12/22 PREFORO (m da p.c.): Lat.: 44.879252° Long.: 10.166468°

COMMESSA: 0601-22 C. SITO N°: SF221361 del 15/12/22 OPERATORE: L. Formisano



Il Responsabile Prove in Sito:
dott. Lorenzo Zanirato

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UBICAZIONE

Località: Via Ceriati - 43012 Fontanellato - PR



NOTE: Utilizzato 1 anello allargatore da inizio prova

Il Responsabile Prove in Sito:
dott. Lorenzo Zanirato