

Zakázka:

Geotechnický průzkum "ROZVOJ AREÁLU VOZOVNY DPMB, A. S. SLATINA "

Sonda

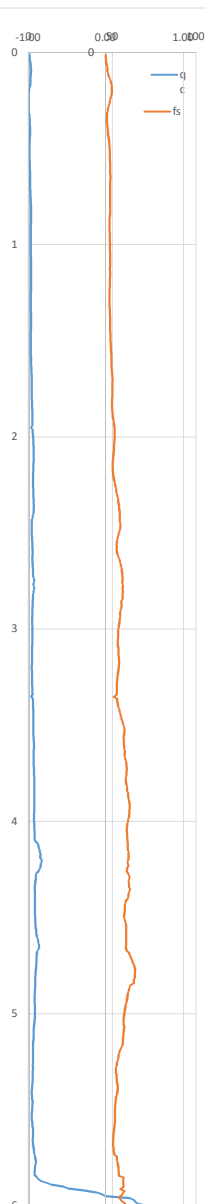
CPTu2A

Realizoval:	L. Antonyan
Zařizeni:	Pagani TG63-150
Datum:	01.02.2025
Hloubka sondy:	6.0 m

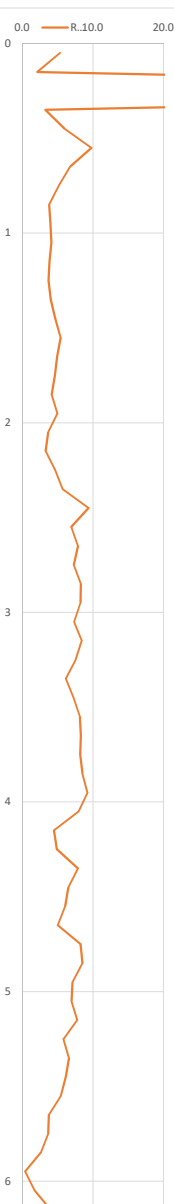
Metodika provádění:	ČSN EN ISO 22476-1
Vyhodnotil:	I. Poul
Vyhodnocení:	Robertson 2015, ČSN EN 1997-2
Hladina podzemní vody:	? m

Objemová hm. vody:	9.8	ρ_{H_2O}	kN/m^3
Atmosférický tlak:	0.10560	pa	MPa
Koeficient hrotu:	1.0	a	

H	q_c	f_s	u_2	u_0
m	MPa	MPa	kPa	kPa
0.05	0.975	0.052	0.226	0.000
0.15	0.856	0.018	0.240	0.000
0.25	0.040	0.040	0.251	0.000
0.35	0.566	0.055	0.256	0.000
0.45	0.667	0.058	0.257	0.000
0.55	0.559	0.058	0.254	0.000
0.65	0.863	0.052	0.244	0.000
0.75	1.124	0.052	0.231	0.000
0.85	1.377	0.056	0.208	0.000
0.95	1.307	0.055	0.179	0.000
1.05	1.348	0.050	0.143	0.000
1.15	1.425	0.054	0.107	0.000
1.25	1.344	0.060	0.074	0.000
1.35	1.343	0.070	0.046	0.000
1.45	1.287	0.080	0.019	0.000
1.55	1.276	0.086	-0.006	0.000
1.65	1.623	0.086	-0.032	0.000
1.75	1.854	0.112	-0.052	0.000
1.85	2.060	0.106	-0.066	0.000
1.95	2.237	0.093	-0.073	0.000
2.05	2.903	0.125	-0.077	0.000
2.15	2.794	0.169	-0.070	0.000
2.25	2.669	0.183	-0.062	0.000
2.35	2.939	0.148	-0.053	0.000
2.45	1.941	0.187	-0.044	0.000
2.55	2.136	0.217	-0.033	0.000
2.65	2.369	0.207	-0.023	0.000
2.75	2.975	0.176	-0.012	0.000
2.85	2.487	0.159	-0.001	0.000
2.95	2.136	0.168	0.009	0.000
3.05	2.152	0.151	0.018	0.000
3.15	1.995	0.144	0.024	0.000
3.25	1.995	0.199	0.028	0.000
3.35	2.327	0.236	0.030	0.000
3.45	2.736	0.249	0.029	0.000
3.55	2.883	0.265	0.027	0.000
3.65	3.008	0.285	0.025	0.000
3.75	3.228	0.301	0.022	0.000
3.85	3.357	0.276	0.018	0.000
3.95	3.263	0.289	0.014	0.000
4.05	3.469	0.289	0.009	0.000
4.15	6.406	0.298	0.004	0.000
4.25	5.908	0.246	0.000	0.000
4.35	3.781	0.259	-0.004	0.000
4.45	3.760	0.277	-0.007	0.000
4.55	4.272	0.362	-0.011	0.000
4.65	5.521	0.326	-0.013	0.000
4.75	4.393	0.259	-0.015	0.000
4.85	3.815	0.232	-0.017	0.000
4.95	3.637	0.210	-0.017	0.000
5.05	3.317	0.148	-0.017	0.000
5.15	2.686	0.146	-0.017	0.000
5.25	2.525	0.129	-0.016	0.000
5.35	2.204	0.116	-0.015	0.000
5.45	2.104	0.099	-0.013	0.000
5.55	2.112	0.139	-0.010	0.000
5.65	2.620	0.205	-0.008	0.000
5.75	3.783	0.220	-0.005	0.000
5.85	7.722	0.200	-0.003	0.000
5.95	50.995	0.200	-0.001	0.000



q_t	R_f	γ	σ_{v0}	σ_{v0}'
MPa	%	kN/m^3	kPa	kPa
0.975	5.35	19.21	1.9	1.9
0.856	2.16	17.84	1.8	1.8
0.040	130.42	17.86	3.6	3.6
0.566	3.27	17.67	5.3	5.3
0.667	5.97	18.71	7.2	7.2
0.559	9.81	19.04	9.1	9.1
0.863	6.74	19.30	11.0	11.0
1.124	5.19	19.41	13.0	13.0
1.377	3.80	19.36	14.9	14.9
1.307	4.01	19.34	16.9	16.9
1.348	4.15	19.43	18.8	18.8
1.425	3.84	19.43	20.7	20.7
1.344	3.71	19.29	22.7	22.7
1.343	4.05	19.40	24.6	24.6
1.287	4.66	19.50	26.6	26.6
1.276	5.46	19.69	28.5	28.5
1.623	4.95	19.97	30.5	30.5
1.854	4.61	20.11	32.5	32.5
2.060	4.16	20.15	34.6	34.6
2.237	4.99	20.52	36.6	36.6
2.903	3.66	20.57	38.7	38.7
2.794	3.32	20.38	40.7	40.7
2.669	4.68	20.74	42.8	42.8
2.939	5.73	21.16	44.9	44.9
1.941	9.41	21.09	47.0	47.0
2.136	6.93	20.86	49.1	49.1
2.369	7.89	21.20	51.2	51.2
2.975	7.29	21.48	53.4	53.4
2.487	8.32	21.35	55.5	55.5
2.136	8.24	21.08	57.6	57.6
2.152	7.37	20.95	59.7	59.7
1.995	8.44	20.99	61.8	61.8
1.995	7.57	20.86	63.9	63.9
2.327	6.19	20.86	66.0	66.0
2.736	7.27	21.34	68.1	68.1
2.883	8.17	21.57	70.3	70.3
3.008	8.28	21.66	72.4	72.4
3.228	8.22	21.77	74.6	74.6
3.357	8.50	21.88	76.8	76.8
3.263	9.23	21.94	79.0	79.0
3.469	7.97	21.85	81.2	81.2
6.406	4.51	22.17	83.4	83.4
5.908	4.89	22.14	85.6	85.6
3.781	7.88	21.99	87.8	87.8
3.760	6.54	21.74	90.0	90.0
4.272	6.07	21.86	92.2	92.2
5.521	5.02	22.05	94.4	94.4
4.393	8.24	22.30	96.6	96.6
3.815	8.55	22.10	98.8	98.8
3.637	7.12	21.79	101.0	101.0
3.317	6.99	21.61	103.1	103.1
2.686	7.80	21.40	105.3	105.3
2.525	5.87	20.93	107.4	107.4
2.204	6.63	20.86	109.5	109.5
2.104	6.15	20.68	111.5	111.5
2.112	5.50	20.55	113.6	113.6
2.620	3.77	20.43	115.6	115.6
3.783	3.67	21.02	117.7	117.7
7.722	2.65	21.81	119.9	119.9
50.995	0.43	22.70	122.2	122.2



Bq	Fr	Nkt
MPa	MPa	MPa
-	-	-
2.32E-04	5.36E+00	5.07E+02
2.81E-04	2.16E+00	4.79E+02
6.88E-03	1.09E+02	1.02E+01
4.57E-04	9.78E+00	1.05E+02
3.90E-04	8.82E+00	9.15E+01
4.62E-04	1.06E+01	6.03E+01
2.87E-04	6.15E+00	7.72E+01
2.08E-04	4.72E+00	8.56E+01
1.53E-04	4.11E+00	9.13E+01
1.39E-04	4.25E+00	7.66E+01
1.08E-04	3.75E+00	7.07E+01
7.60E-05	3.87E+00	6.77E+01
5.59E-05	4.54E+00	5.83E+01
3.49E-05	5.29E+00	5.36E+01
1.54E-05	6.37E+00	4.75E+01
-5.15E-06	6.86E+00	4.37E+01
-1.99E-05	5.38E+00	5.22E+01
-2.84E-05	6.13E+00	5.60E+01
-3.28E-05	5.24E+00	5.86E+01
-3.34E-05	4.21E+00	6.01E+01
-2.70E-05	4.36E+00	7.41E+01
-2.55E-05	6.12E+00	6.77E+01
-2.37E-05	6.95E+00	6.14E+01
-1.85E-05	5.11E+00	6.45E+01
-2.31E-05	9.86E+00	4.03E+01
-1.59E-05	1.04E+01	4.25E+01
-9.72E-06	8.93E+00	4.53E+01
-4.00E-06	6.03E+00	5.48E+01
-4.05E-07	6.52E+00	4.38E+01
4.24E-06	8.10E+00	3.61E+01
8.57E-06	7.22E+00	3.51E+01
1.25E-05	7.45E+00	3.13E+01
1.47E-05	1.03E+01	3.02E+01
1.31E-05	1.04E+01	3.43E+01
1.08E-05	9.33E+00	3.92E+01
9.71E-06	9.43E+00	4.00E+01
8.42E-06	9.72E+00	4.05E+01
6.83E-06	9.55E+00	4.23E+01
5.43E-06	8.42E+00	4.27E+01
4.31E-06	9.06E+00	4.03E+01
2.73E-06	8.52E+00	4.17E+01
7.11E-07	4.71E+00	7.58E+01
6.35E-09	4.22E+00	6.80E+01
-1.12E-06	7.03E+00	4.21E+01
-1.95E-06	7.55E+00	4.08E+01
-2.57E-06	8.66E+00	4.54E+01
-2.43E-06	6.01E+00	5.75E+01
-3.54E-06	6.02E+00	4.45E+01
-4.45E-06	6.24E+00	3.76E+01
-4.89E-06	5.93E+00	3.50E+01
-5.44E-06	4.61E+00	3.12E+01
-6.71E-06	5.66E+00	2.45E+01
-6.76E-06	5.36E+00	2.25E+01
-6.97E-06	5.54E+00	1.91E+01
-6.36E-06	4.95E+00	1.79E+01
-5.09E-06	6.94E+00	1.76E+01
-3.08E-06	8.17E+00	2.17E+01
-1.45E-06	6.00E+00	3.11E+01
-4.13E-07	2.63E+00	6.34E+01
-2.59E-08	3.93E+01	4.16E+02