

Dilatometer Test Results

Client:

Project:

Location:

Testing and data reduction in accordance with ISSMEE TC16 (2001)

Date:

Test No. DMT 1a

Job Number:

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Test No.	DMT 1a	
delta A - before	0.08	bar
delta B - before	0.69	bar
delta A - after	0.1	bar
delta B - after	0.38	bar
water depth	2.2	m
Average soil unit weight	18	kN/m ³
Unit weight of water	9.8	kN/m ³
Rod diameter	36	mm
Friction reducer	42	mm
blade width	95	mm
membrane diameter	60	mm

Depth (m)	A (bar)	B (bar)	P ₀ (kPa)	P ₁ (kPa)
1.00	3.80	10.75	357	1006
1.25	3.55	10.75	331	1006
1.50	3.80	12.00	351	1131
1.75	4.60	14.00	425	1331
2.00	4.70	14.25	434	1356
2.25	4.20	13.75	384	1306
2.50	4.55	15.00	415	1431
2.75	6.85	13.00	666	1231
3.00	6.35	12.75	615	1206
3.25	7.95	18.75	753	1806
3.50	9.10	17.75	879	1706
3.75	9.75	18.25	944	1756
4.00	10.00	17.50	974	1681
4.25	8.75	18.25	839	1756
4.50	9.75	19.50	938	1881
4.75	10.25	16.75	1004	1606
5.00	8.40	14.50	821	1381
5.25	7.25	21.50	666	2081
5.50	11.50	19.50	1122	1881
5.75	10.45	28.00	969	2731
6.00	9.50	16.50	927	1581
6.25	11.00	13.50	1099	1281
6.50	8.33	25.50	759	2481
6.75	7.65	20.00	715	1931
7.00	8.90	22.00	836	2131
7.25	7.65	20.50	713	1981
7.50	9.05	23.00	847	2231
7.75	7.15	18.50	670	1781
8.00	7.95	21.00	742	2031
8.25	7.95	19.50	749	1881
8.50	7.90	20.25	740	1956
8.75	5.45	17.75	495	1706
9.00	6.25	18.50	576	1781
9.25	6.55	21.00	595	2031
9.50	9.75	25.25	909	2456
9.75	12.25	34.00	1128	3331
10.00	8.95	20.50	849	1981
10.25	8.45	19.75	800	1906
10.50	6.45	16.25	608	1556
10.75	9.15	23.50	855	2281
11.00	17.50	41.50	1642	4081
11.25	11.00	27.75	1028	2706
11.50	6.65	18.25	619	1756
11.75	6.80	20.75	622	2006
12.00	6.70	17.25	629	1656
12.25	4.05	15.25	361	1456
12.50	6.50	17.00	609	1631
12.75	6.45	17.00	604	1631
13.00	8.45	21.50	792	2081
13.25	5.90	17.25	545	1656

13.50	6.05	17.75	558	1706
13.75	15.25	35.50	1436	3481
14.00	10.50	26.00	984	2531
14.25	8.60	23.50	797	2281
14.50	10.50	23.50	997	2281
14.75	8.35	24.75	765	2406
15.00	9.50	25.25	883	2456
15.25	10.75	25.75	1012	2506
15.50	9.25	24.00	863	2331
15.75	9.75	24.00	916	2331
16.00	9.10	22.25	856	2156
16.25	8.95	21.50	844	2081
16.50	9.50	22.50	897	2181
16.75	7.80	19.25	735	1856
17.00	7.90	21.25	735	2056
17.25	7.20	18.50	675	1781
17.50	6.15	20.25	556	1956
17.75	6.35	18.50	586	1781
18.00	7.60	23.75	691	2306
18.25	7.20	24.50	645	2381
18.50	6.90	27.00	601	2631
18.75	8.35	24.00	769	2331
19.00	5.55	17.50	507	1681
19.25	6.40	17.25	598	1656
19.50	6.60	18.50	612	1781
19.75	6.65	16.25	629	1556
20.00	8.15	19.75	769	1906
20.25	7.55	18.25	713	1756
20.50	6.65	15.50	633	1481
20.75	7.10	18.25	666	1756
21.00	9.05	22.50	850	2181
21.25	7.55	19.75	706	1906
21.50	7.15	19.50	665	1881
21.75	7.85	21.75	727	2106
22.00	7.15	17.25	676	1656
22.25	6.95	18.00	652	1731
22.50	8.60	21.50	807	2081
22.75	7.20	17.25	682	1656
23.00	9.25	20.50	881	1981
23.25	7.60	18.00	720	1731
23.50	8.05	17.75	768	1706
23.75	9.25	24.75	859	2406
24.00	9.50	31.50	852	3081

