

Sieve Grading Analysis

Seive Size (mm)	% Passing by weight					
	0.1m	1.6m	2.5m	3.7m	4.8m	8.9m
9.5				100	100	
2	100	100	100	91	96	100
1.18	99			89	94	
0.85				88	93	
0.425	95	99	99	70	86	99
0.25	78		72			
0.18		61		26	13	92
0.125	27		7			
0.075	8	16	2	22	6	35

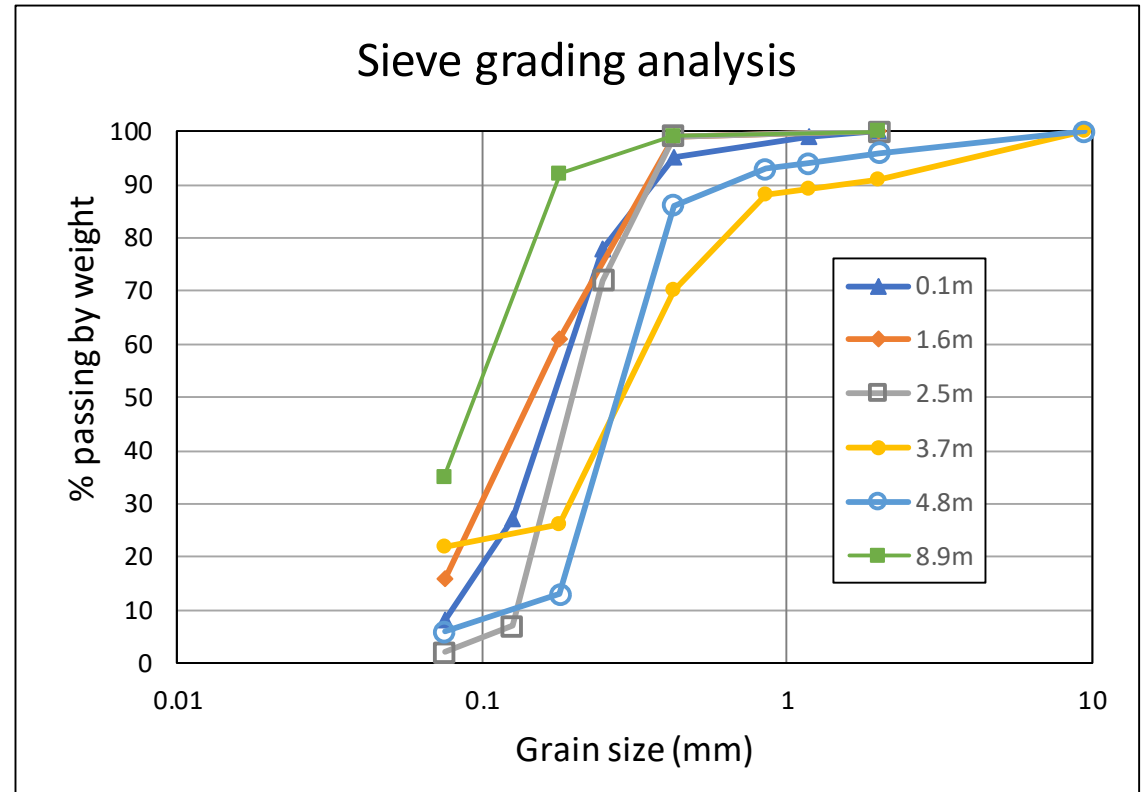


Figure B1: SAND PROFILE – Summary of Grading Analysis

Depth (m)	SPT1	SPT2	SPT3	SPT4	SPT5	SPT6
	blows / 300mm					
0.23	11	12	13	11	12	13
0.98	23	23	18	13	15	19
1.60	30	18	25	18	20	18
2.20	21	18	17	17	19	13
2.80	23	16	18	16	16	14
3.75	28	19	19	15	16	26
4.95		17	26	14	27	23
5.85	34	21	22	17	18	20
7.40	17	14	19	16	16	28
8.90	13	21	10	20	25	8
10.45	54	63	44	60	64	49
11.95	76	40	99	70	38	51
13.50	40	39	46	53	36	53
15.00	53	57	36	60	49	54

NB: Average SPT system efficiency 53% (46% - 60%).

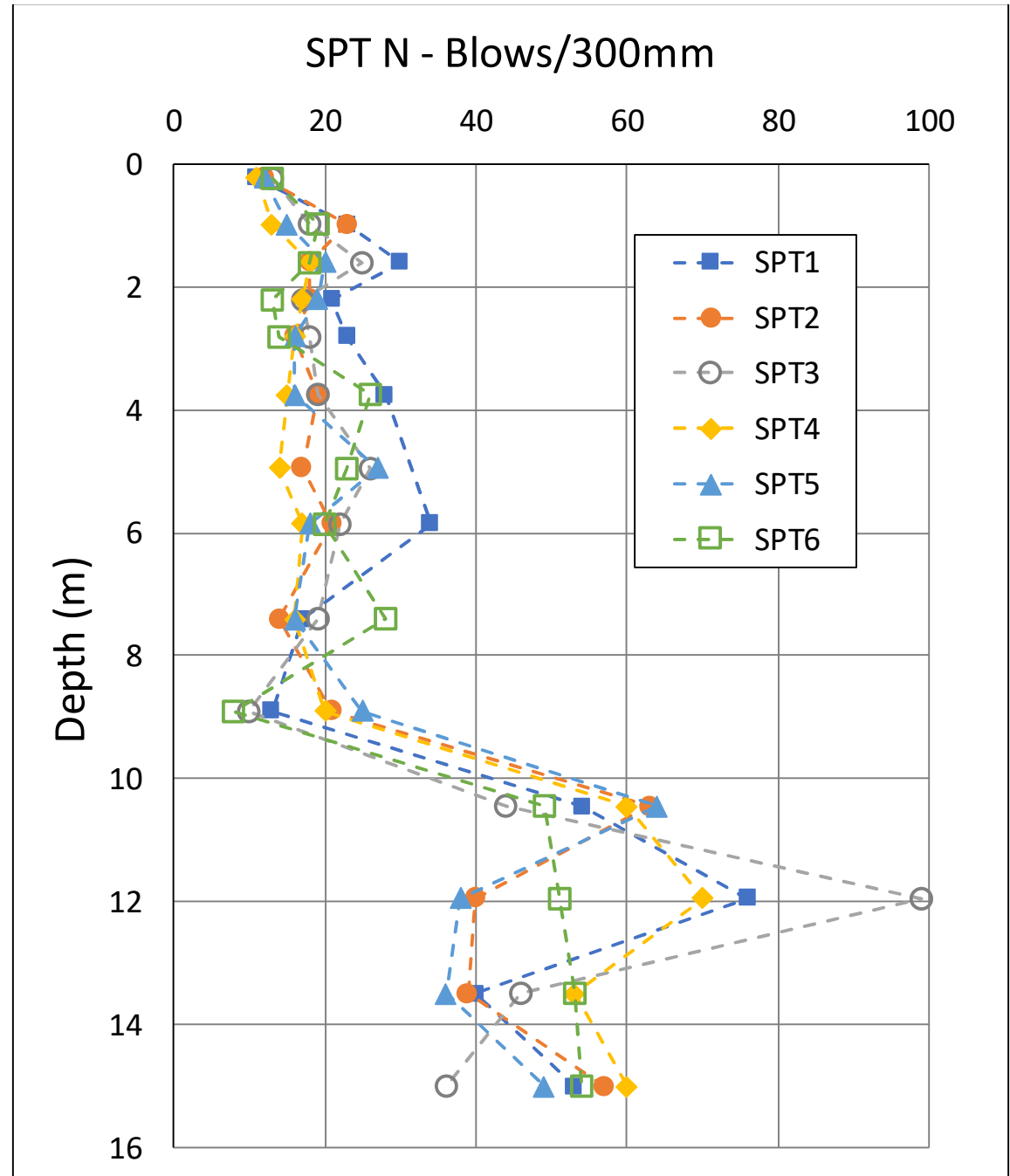


Figure B2: SAND PROFILE - Summary of SPT results

Depth (m)	SPT2	SPT3	SPT4	SPT5	SPT6
	Moisture Content (%)				
0.23	14.3	11.9	16.8	14.4	15.9
0.98	13.0	12.1	11.6	13.0	12.4
1.60	17.2	15.5	11.8	14.0	11.1
2.20	19.2	18.3	14.1	20.5	20.5
2.80	21.8	21.5	19.0	17.6	18.9
3.75	16.3	21.1	20.9	16.6	18.3
4.95	16.6	19.2	20.7	16.6	18.7
5.85	27.7	25.4	25.0	19.4	12.2
7.40	29.2	29.3	33.5	29.7	31.2
8.90	27.4	23.0	20.9	29.6	29.0
10.45	27.0	30.9	32.6	26.7	28.6
11.95	27.5	34.0	36.7	29.3	29.0
13.50	27.2	21.9	28.5	32.1	30.7
15.00	22.1	25.8	21.7	25.1	23.4

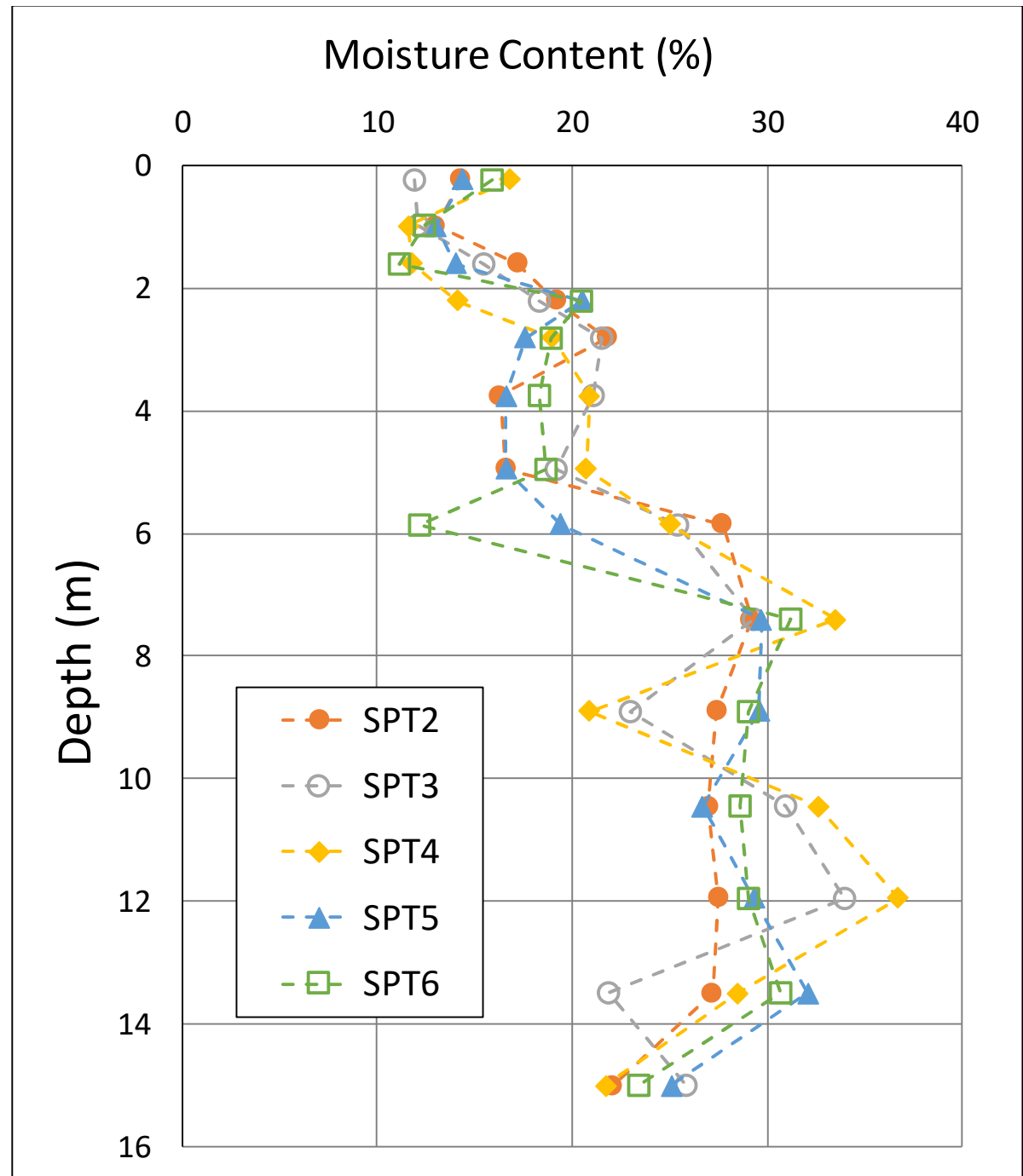


Figure B3: SAND PROFILE - Summary of Moisture Content results

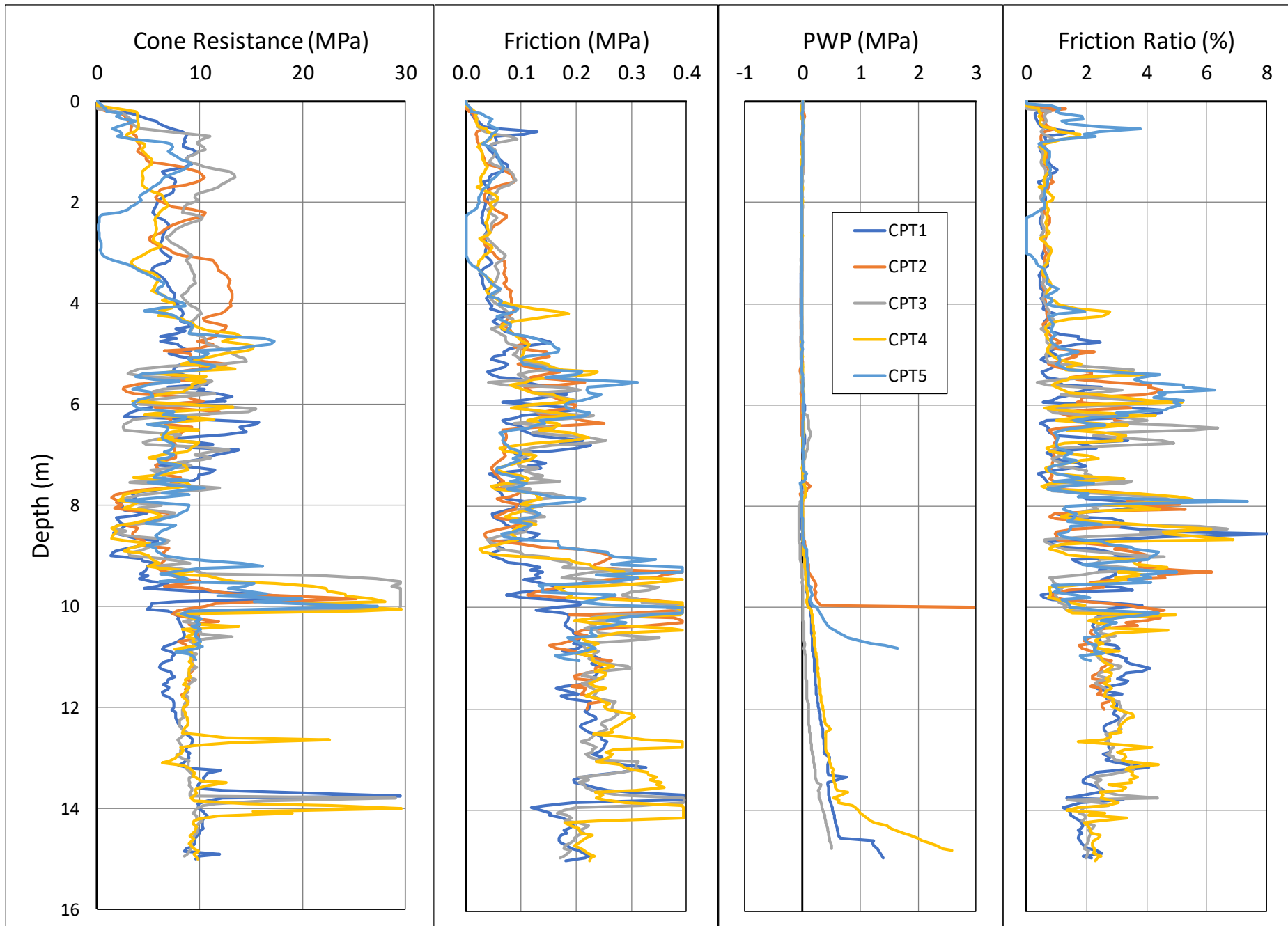


Figure B4: SAND PROFILE - Summary of CPTu results

MENARD PRESUREMETER TESTS

	Depth (m)	Init Mod (MPa)	Reload Mod (MPa)	Limit Press (MPa)
PMT 1	0.5	6.42	21.90	0.40
	1.2	6.27	24.34	0.46
	2.1	7.44	33.90	0.80
	3.3	7.75	51.43	0.74
	5.1	12.60	78.11	1.10
	7.5	4.62	61.10	0.90
	10.8	173.88	369.55	4.20
PMT 2	0.5	7.62	34.34	0.58
	1.2	10.56	47.89	0.90
	2.1	8.08	57.78	0.84
	3.3	9.49	55.51	0.92
	5.1	13.37	84.97	1.25
	7.5	6.39	41.97	1.00
	10.8	132.93	253.73	4.40
PMT 3	1.4	8.56	87.76	0.78
	2.1	9.66	59.29	0.80
	3.0	8.13	52.08	0.80
PMT 4	1.4	14.87	29.57	0.85
	2.1	12.37	25.45	0.90
	3.0	9.86	23.09	0.72

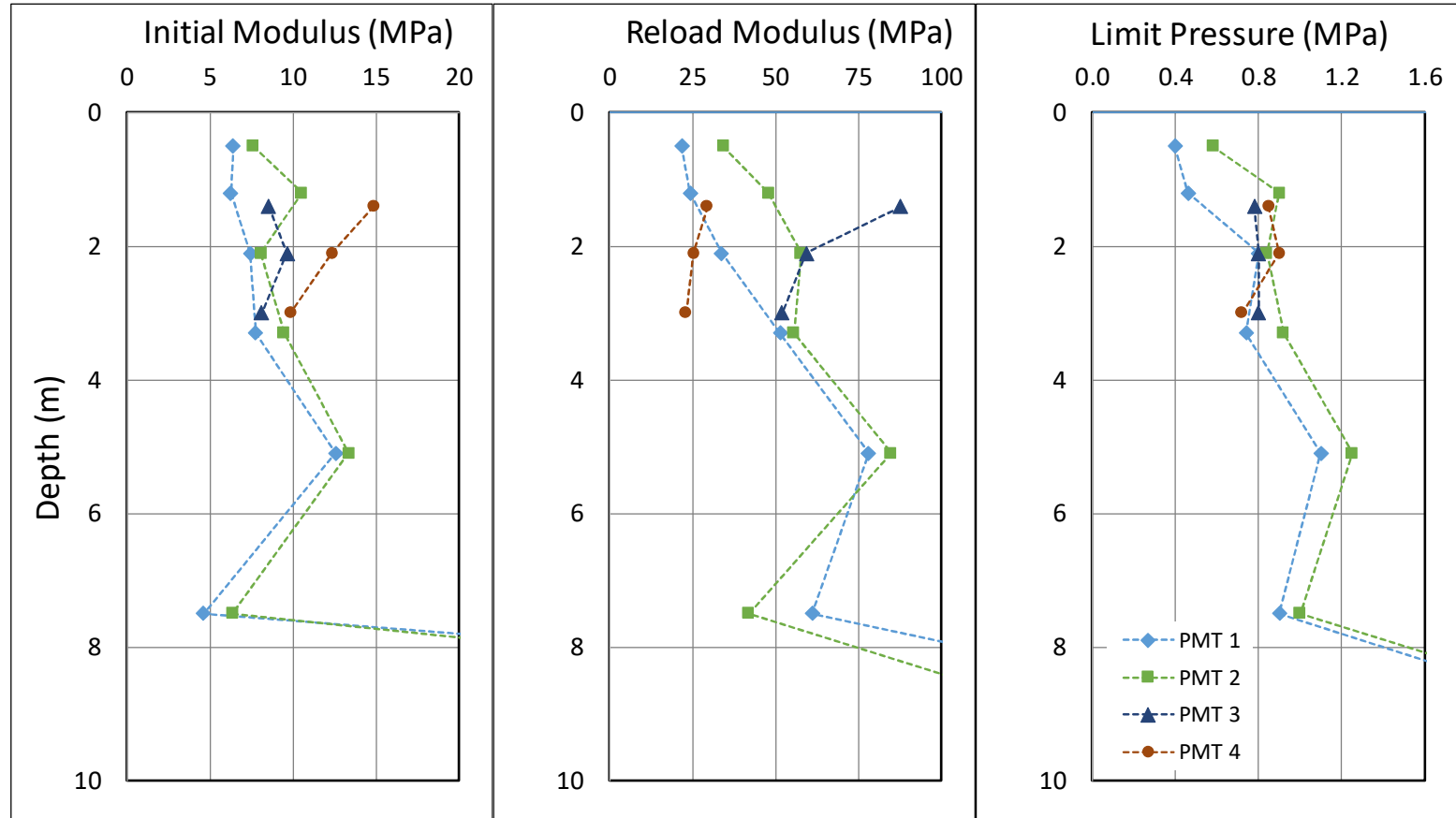


Figure B5: SAND PROFILE - Summary of Pressuremeter results

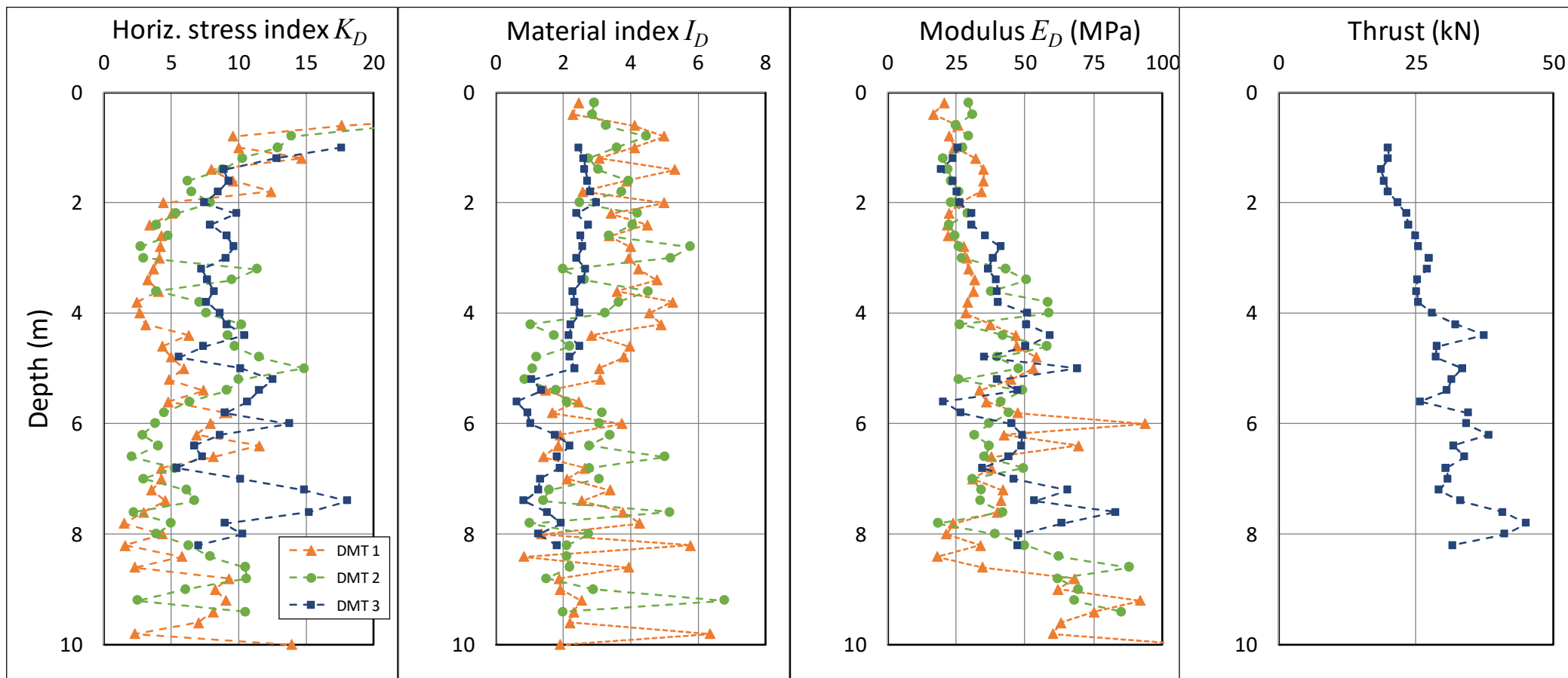


Figure B6: SAND PROFILE - Summary of Dilatometer results

	Depth (m)	V_s (m/s)	G_0 (MPa)
CHS 1	2	240	104
	4	300	162
	6	281	142
	8	199	71
	10	238	102

	Depth (m)	V_s (m/s)	G_0 (MPa)
CHS 2	2	202	73
	4	211	80
	6	210	79
	8	170	52
	10	230	95

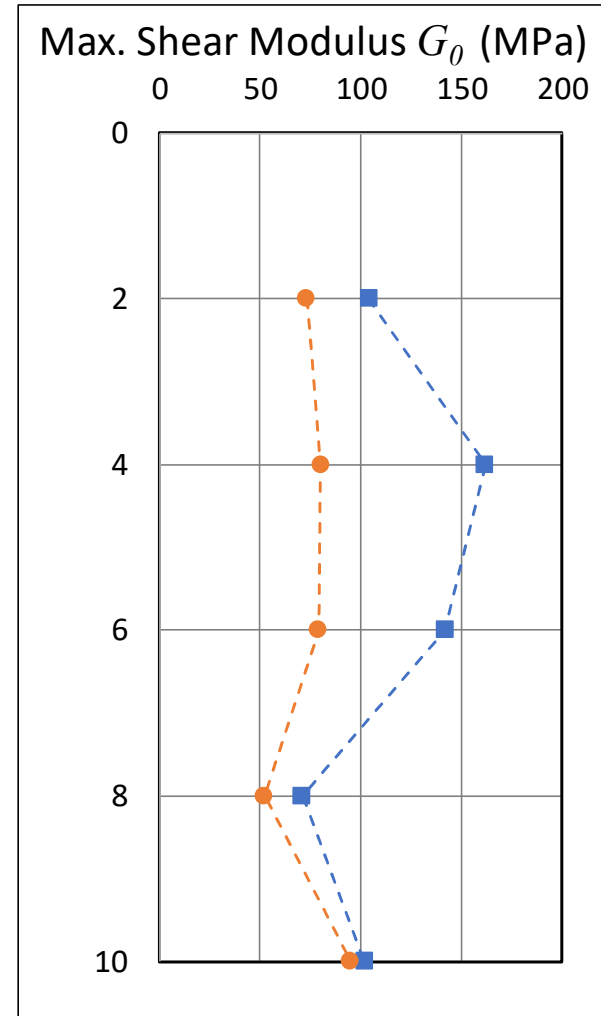
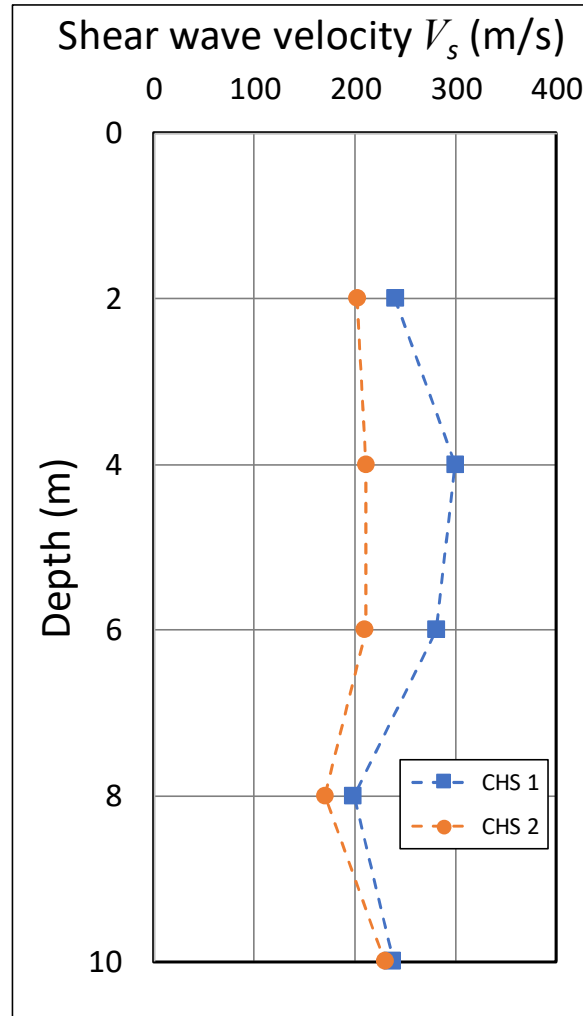


Figure B7: SAND PROFILE – Summary of Cross-hole Seismic test results