

Jobsite Name

Project ID: Customer Name
 Data File: SDF(035).cpt
 CPT Date: 1/25/2023 8:06:37 AM
 GW During Test: 12 ft
 GW Liquefaction: 12ft
 Max Depth Correction: 1.7
 EQ Mag & Scaling Factor: 7.5 1

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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589
 Pts. ignored at layers: 1
 Min Depth Correction: .4
 Earthquake Acceleration: .4

Lyr No.	Depth ft	* Qn PS	Slv Stss tsf	pore prss (psi)	Frct Rato %	* Mat Typ Zon	* Material Behavior Description	* Rel Den %	* Fin Ic %	* Ic SBT Indx	* Liq FS -	* Tot Stlmt 0.10
1	0.66	96.5	2.5	0.2	4.2	9	very stiff fine SOIL	-	25	2.37	N/A	0.00
2	3.45	63.1	1.7	-0.2	4.4	4	clayy SILT to silty CLAY	-	31	2.50	N/A	0.00
3	16.24	27.3	0.9	3.3	5.3	3	silty CLAY to CLAY	-	47	2.81	-	-
4	16.90	15.4	0.3	9.6	2.7	4	clayy SILT to silty CLAY	-	47	2.81	-	-
5	17.88	13.0	0.4	9.8	4.0	3	silty CLAY to CLAY	-	57	2.98	-	-
6	19.19	85.0	0.2	0.5	0.3	6	clean SAND to silty SAND	62	6	1.69	0.47	0.03
7	19.85	50.0	1.4	3.6	2.8	4	clayy SILT to silty CLAY	-	28	2.43	0.83	0.01
8	44.95	15.3	0.8	46.4	4.4	3	silty CLAY to CLAY	-	55	2.95	-	-
9	46.26	75.2	1.8	2.4	1.8	5	silty SAND to sandy SILT	58	18	2.17	0.66	0.02
10	50.53	123.2	1.9	-6.8	1.1	6	clean SAND to silty SAND	74	10	1.88	0.93	0.03
11	80.22	9.4	1.0	69.3	4.9	3	silty CLAY to CLAY	-	68	3.14	-	-

* Indicates the parameter was calculated using the normalized point stress.

The parameters listed above were determined using empirical correlations.

A Professional Engineer must determine their suitability for analysis and design.

Middle Earth Geo Testing