

Depth Scale (m)	Lithology	USCS	Sample Type and No.	Recovery/Length (cm)	SPT Blows/15 cm	Casing Depth (m)	Rod Length (m)	Energy Ratio (%)	Description	q _u Pocket Pen (kPa)	s _u Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 μm	< 5 μm (%)	< 2 μm (%)	D ₅₀ (mm)	D ₁₀ (mm)	Remarks
0									Fill: Pavement, coarse sand.											
1	cl		S-4-3-1	5/45	6-5-2	1.05	3.67		SILTY CLAY: Brown silty clay with traces of fine sand			32	-	-	89	56	47	0.003	<1μm	
2			S-4-3-2	0/45	1-1-1	1.85	5.20		SILT AND SAND: Brown clayey sandy silt to silty sand											
3			S-4-3-3	0/45	2-2-2	2.65	5.20													
4	ML ML		S-4-3-4A S-4-3-4B	39/45	4-2-2	3.45	6.72			45	30	25 27	23 33	- -	65 70	17 27	13 23	0.046 0.023	<2μm <1μm	
5	CH		S-4-3-5	25/45	2-3-2	4.65	8.24		CH: Light brown silty clay			51	59	35	97	61	53	0.001	<1μm	
6	SM SP-SM		S-4-3-6A S-4-3-6B	39/45	13-13-14	5.75	9.77		SAND AND SILT: Brown silty fine sand to fine to medium sand with silt	250		24 22	- -	- -	34 12	<10% -	<15% -	0.092 0.27	<2μm <0.08	
7	ML		S-4-3-7	27/45	5-4-4	6.95	11.29		CLAYEY SILT: Gray clayey silt with traces of fine sand	280	67	23	29	-	84	35	29	0.014	<1μm	
8	ML CL		S-4-3-8A S-4-3-8B	40/45	3-4-6	8.25	11.29			225	50	30 34	29 40	- 18	96 97	87 38	51 30	0.020 0.013	<1μm <1μm	
9	ML CH		S-4-3-9A S-4-3-9B	35/45	5-3-4	9.15	11.29			90 75	51	36 39	36 60	- 37	94 100	25 68	18 56	0.022 <2μm	<2μm	
10	SM SP-SM		S-4-3-10A S-4-3-10B	43/45	14-18-22	9.95	12.82		SAND AND SILT: Gray silty fine sand grading to fine to medium sand with silt			22 18	- -	- -	32 7	- -	- -	0.12 0.32	<8μm 0.09	

Legend

S: Spit Spoon (SPT) SH: Shelby tube * Estimated Energy Ratio