

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 <sub>u</sub> Pocket Pen (kPa)	s <sub>u</sub> Torvane (kPa)	Moisture Content (%)	Liquid Limit	Plasticity Index	% fines < 75 μm	< 5 μm (%)	< 2 μm (%)	D <sub>50</sub> (mm)	D <sub>10</sub> (mm)	Remarks
0									Fill: Gravel pack for parking lot followed by sandy clayey soil											
1	CH	S-2-3-1	30/45	1-2-2	0.5	4.27			CH: Brown gray high plasticity silty clay	140	52	38	64	38	97	64	48	0.002	<1μm	Roots in the tip of the sampler
2	ML	S-2-3-2	22/45	1-1-1	1.95	5.80			CLAYEY SILT: Tan brown clayey silt with traces of fine sand	25		31	33	-	87	30	23	0.016	<1μm	
3	ML	S-2-3-3	33/45	2-2-3	2.95	5.80				60		37	34	-	90	20	15	0.022	<2μm	
4	ML	S-2-3-4	25/45	3-2-3	3.95	7.32			SILTY CLAY: Brown stiff silty clay			37	47	18	96	38	29	0.009	<1μm	
5	CH ML	S-2-3-5A S-1-3-5B	32/45	1-1-2	4.85	8.84			CLAYEY SILT: Gray clayey silt with fine sand	75	42	43 30	67 37	42 -	100 85	66 27	54 20	0.001 0.018	<1μm <1μm	
6	CL/ML ML	S-2-3-6A S-2-3-6B	32/45	2-3-3	5.75	8.84						32 31	37 36	13 9	88 86	36 25	26 21	0.009 0.019	<1μm <1μm	
7	CH/MH CL	S-2-3-7A S-2-3-7B	34/45	2-2-2	6.55	10.37			SILTY CLAY: Gray high plasticity silty clay			39 36	58 39	28 16	98 97	47 55	36 40	0.006 0.004	<1μm <1μm	
8	CH	S-2-3-8	29/45	2-2-4	7.95	11.29					45	40	65	40	100	72	61	<2μm	-	
9	SM	S-2-3-9	37/45	5-12-19	9.15	13.42			SAND: Gray silty fine sand to fine sand with silt			23	-	-	20	10	8	0.17	0.005	
10	SP-SM	S-2-3-10	42/45	11-17-28	9.95	12.82						21	-	-	11	-	-	0.20	0.07	

**Legend**

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