

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: Sandy clayey subgrade of sidewalk											
1	CL	S-D1-1	26/45	1-0-1	1.05	4.27	41		CL: Black to dark gray clayey silt with some fine sand. The soil has organic odor but not related to soil composition. Probably due to nearby septic tank	10	-	30	33	14	81	37	30	0.011	<2µm	
2	ML ML	S-D1-2A S-D1-2B	39/45	2-1-1	1.85	5.80	53		ML: Dark gray to black sandy silt	-	-	30 32	28 29	-	71 59	-	-	- 0.06	-	
3	CH/CL	S-D1-3	36/45	1-1-1	2.65	7.32	53		CH: Brown silty clay with traces of red oxidized spots. Does not soften when remoulded	70	42	38	50	26	99	54	36	0.004	<2µm	
4	ML	S-D1-4	40/45	3-3-4	3.4	7.32	63		ML: Brown silt with traces of fine sand and red oxidized spots.	-	-	34	28	-	89	-	-	-	-	
5	SW	S-D1-5	12/45	8-11-12	4.45	8.84	64		SAND: Well graded gray sand to well graded sand with fine gravel. Gravel content is inhomogeneous and varies from 3% to 24%. FC in all recovered samples is < 6%	-	-	15	-	-	4	-	-	1.1	0.24	
6	SW	S-D1-6	10/45	9-12-12	5.4	10.37	67			-	-	11	-	-	3	-	-	1.7	0.33	
7																				
8	SW-SM	S-D1-7	31/45	10-14-18	7.5	10.37	66			-	-	24	-	-	5	-	-	0.7	0.16	
9																				
10	MH/CH	S-D1-8	36/45	3-3-4	10	13.42	75		MH: High plasticity silty clay with traces of fine sand	220	57	34	56	25	94	42	34	0.007	<2µm	