

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: Top soil and black silty clay with organic odor											
1	CH		S-1-32-1	29/45	2-2-4	0.95	4.27	54	CH: Gray high plasticity silty clay	160	40	37	73	48	99	77	61	<1μm		
2			S-1-32-2	0/45	3-2-4	1.95	5.80	57	SANDY SILT: Brown sandy silt											
3	ML ml		S-1-32-3A S-1-32-3B	43/45	2-1-3	2.75	7.32	60		50	17	20 30	29 -	- -	64 61	28 20	22 16	0.036 0.005	<1μm <2μm	
4	ML/CL ML		S-1-32-4A S-1-32-4B	36/45	2-2-2	3.95	8.84	53	CLAYEY SILT: Gray clayey silt to silty clay with traces of fine sand	50	24	36 38	39 39	13 12	89 96	27 23	20 18	0.019 0.021	<2μm <2μm	
5	CH ML		S-1-32-5A S-1-32-5B	34/45	2-4-5	4.75	8.84	63		50	29	42 30	53 33	33 -	94 91	48 25	39 22	0.006 0.020	<1μm <1μm	
6	ML		S-1-32-6	30/45	5-5-5	5.95	10.37	62		50	39	36	35	-	96	36	27	0.010	<1μm	
7	SP-SM		S-1-32-7	37/45	8-15-13	6.95	11.89	-	SP-SM: Fine to medium gray poorly graded sand with silt			23	-	-	8	-	-	0.30	0.087	
8	SP-SM		S-1-32-8	31/45	13-21-20	7.85	11.89	-				21	-	-	9	-	-	0.25	0.081	
9	SP-SM		S-1-32-9	30/45	12-20-23	8.75	11.89	-				19	-	-	5	-	-	0.32	0.10	

Legend

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