

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 μ m	< 5 μ m (%)	< 2 μ m (%)	D50 (mm)	D10 (mm)	Remarks
0									FILL: Materials transition from brown gravelly sand to red silty clay											
1									SM: Brown silty sand											
2		SM	S-DN1-1	16/45	4-4-4	1.70	5.20	55*					NP	NP	20	-	-	2.9	<0.07	
3		GW-GM	S-DN1-2	14/45	8-9-7	2.70	6.72	60*	GW: Gray sandy gravel				NP	NP	7	-	-	8.8	0.18	
4		SM	S-DN1-3	19/45	4-4-10	4.20	8.24	65*	SM: Brown silty sand. Decreasing silt content with depth.				NP	NP	40	-	-	0.12	<0.07	
5																				
6		SM	S-DN1-4	22/45	10-10-12	5.70	9.77	65*					NP	NP	14	-	-	2.6	<0.07	
7																				
8		SW-SM	S-DN1-5	19/45	7-12-9	7.20	11.29	65*					NP	NP	10	-	-	4.1	0.074	
9																				
10		SP-SM	S-DN1-6	27/45	6-7-8	8.32	11.29	65*					NP	NP	9	-	-	2.6	0.10	
		SW-SM	S-DN1-7	22/45	6-6-10	9.20	12.82	65*					NP	NP	8	-	-	3.7	0.10	
		SM	S-DN1-8	19/45	7-8-7	10.20	14.34	65*					NP	NP	17	-	-	1.9	<0.07	

Legend

S: Spit Spoon (SPT) SH: Shelby Tube * Estimated Energy Ratio NP: Nonplastic