

Deep Observation Hole

Site Name: 518 South Avenue		Date: 2/9/2022
Site Address: Weston, MA		Time: 8:00
Project No.: 4591.00		
Ground Surface Elev. (ft.): 223		Weather : Sunny, 30°F

Test Pit Number: SH-TP-519	Logged by: L. Norton Soil Evaluator #: SE13281
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Depth (inches)	Soil Horizon or Layer	Soil Matrix Color (Moist)	Redoximorphic Features			Soil Texture (NRCS)	Coarse Fragments (% by Volume)		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles			
0 - 5	A	10 YR 3/2	-	-	-	Loamy Sand	5	<5	Weak Granular	Very Friable	
5 - 40	Fill	7.5 YR 5/3	-	-	-	Loamy Sand	10	5	Structureless	Friable	1
40 - 46	B _b	10 YR 5/6	-	-	-	Loamy Sand	5	<5	Weak Granular	Friable	
46 - 144	C ₁	10 YR 5/3	-	-	-	Gravelly Loamy Sand	15	10	Single Grain	Friable	2
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Test Pit Termination Depth (in.): 144 **Reason for Termination:** Encountered Groundwater

Groundwater Observations:				In-Situ Testing:			
Depth to water weeping from pit face (in.):	132			Percolation Test:	-	Depth (in.):	-
Depth to standing water in hole (in.):	126	Stabilization Time:	1 hour	Permeameter Test:	-	Depth (in.):	-
Depth to estimated seasonal high groundwater [ESHGW] (in.):	126	Basis for ESHGW:	Groundwater level	Falling Head Test:	-	Depth (in.):	-
				Other Test:	-	Depth (in.):	-

Additional Notes:

1. Fill thickness varied to a depth of 30 inches consistent with sloped surface.
2. C1 layer included Gravelly Sand seams at approximately 68 to 84 inches and 128 to 144 inches.
3. Temporary 4-inch diameter monitoring well installed during backfill of the test pit, consisting of a 5-ft length of perforated PVC and 10-ft length of solid PVC.

Deep Observation Hole

Site Name: 518 South Avenue		Date: 2/9/2022
Site Address: Weston, MA		Time: 8:30
Project No.: 4591.00		
Ground Surface Elev. (ft.): 225		Weather : Sunny, 30°F

Test Pit Number: SH-TP-520 (located between former DTH-3 and DTH-4 in tennis court)	Logged by: L. Norton Soil Evaluator #: SE13281
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Depth (inches)	Soil Horizon or Layer	Soil Matrix Color (Moist)	Redoximorphic Features			Soil Texture (NRCS)	Coarse Fragments (% by Volume)		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles			
0 - 8	Fill	See Note 1	-	-	-	-	-	-	-	-	1
8 - 33	Fill	10 YR 5/2	-	-	-	Gravelly Sand	20	-	Structureless	Friable	
33 - 48	B _b	10 YR 6/4	35	7.5YR 5/8	15	Sandy Loam	5	<5	Weak Granular	Friable	2
48 - 72	C ₁	10 YR 4/3	-	-	-	Loamy Sand	15	10	Massive	Friable	
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Test Pit Termination Depth (in.): 72 **Reason for Termination:** Target Depth

Groundwater Observations:				In-Situ Testing:			
Depth to water weeping from pit face (in.):	-			Percolation Test:	-	Depth (in.):	-
Depth to standing water in hole (in.):	-	Stabilization Time:	-	Permeameter Test:	-	Depth (in.):	-
Depth to estimated seasonal high groundwater [ESHGW] (in.):	-	Basis for ESHGW:	-	Falling Head Test:	-	Depth (in.):	-
				Other Test:	-	Depth (in.):	-

Additional Notes:

1. Upper 8 inches of fill consisted of tennis court base, noted as "bluestone" on DTH logs.
2. Redoximorphic features and coloration associated with buried subsoil; not indicative of estimated seasonal high groundwater.