

BORING ID MW-331

TOTAL DEPTH (FT. BGS) 95

PROJECT: MW-100B Replacement

PROJECT NUMBER: 10175160

SITE LOCATION: TTA-1N

TASK MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 5/20/24

DATE COMPLETED: 5/21/24

DRILLING CONTRACTOR: Cascade

DRILLER: C. Perkins

DRILLING DRILLING METHOD/RIG: Sonic

HOLE DIAMETER (IN): 6

SURFACE ELEVATION (NAVD): 291.47

DEPTH TO WATER (ft. btoc): 75.48

BOREHOLE USE: Monitoring Well

NOTES: PID measurement indicated where greater than 0

DEPTH (ft)	SAMPLE TYPE NUMBER	Environmental Data PID (ppm)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL CONSTRUCTION DIAGRAM
0					1.0 Asphalt over concrete	
-			ML		SILT, (ML) 7.5YR 4/4 brown, dry, soft, non plastic, some fine sand	
-					4.0	
-			ML		SILT, (ML) 7.5YR 4/4 brown, moist, soft, non plastic, some fine sand	
-					6.0	
-			CL		LEAN CLAY, (CL) 7.5YR 3/4 dark brown, dry, stiff, low plasticity, trace fine sand	
10					10.0	
-			CL		LEAN CLAY, (CL) 7.5YR 5/6 strong brown, dry, stiff, low plasticity, some fine sand	
-					13.0	
-		0.4	CL		LEAN CLAY, (CL) 7.5YR 5/6 strong brown, dry, very stiff, medium plasticity, some fine sand	
-		1.3			19.0	
20			CL		GRAVELLY LEAN CLAY WITH SAND, (CL) some gravel	
-			SC		CLAYEY SAND, (SC) fine to medium grained, very stiff, medium plasticity	
-					21.0	
-		2	SC		CLAYEY SAND, (SC) 2.5YR 4/8 red, medium grained, medium stiff, low dry strength, no gravel	
-					25.0	
-			SC		CLAYEY SAND, (SC) 2.5YR 4/8 red, medium grained, very stiff, low dry strength, no gravel, moderate cementation	
-		0.5			29.0	
30			SP		POORLY GRADED SAND, (SP) 2.5YR 4/8 red, fine to medium grained, dense	
-					30.0	
-		0.6	SP		POORLY GRADED SAND, (SP) 2.5YR 4/8 red, medium grained, moist, loose, trace gravel	
-		3.6			35.0	
-		2.5	SP		POORLY GRADED SAND, (SP) 7.5YR 5/6 strong brown	
-					38.0	
40		2.4	SP		POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine grained, moist, very loose, some cobbles	
-					40.0	
-			SP		POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine grained, moist, very loose, some cobbles, v. hard drilling	
-					49.0	
50			SP		POORLY GRADED SAND, (SP) 5YR 5/6 yellowish red / light brown, fine	
					50.0	

← Cement-Bentonite Grout

DEPTH (ft)	SAMPLE TYPE NUMBER	Environmental Data PID (ppm)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
50						
-			SP		51.0 grained, moist, very loose	
-			SP		POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium grained, moist, very loose	
-		1.9			54.0 POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium grained, moist, very loose, trace gravel	
-			SP		POORLY GRADED SAND, (SP) fine to medium grained, moist, very loose, some gravel	
-		15.2			58.0 POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium to coarse grained, moist, very loose	
-			SP		59.0 POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium to coarse grained, moist, very loose, with coarse gravel	
60			SP		61.0 POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, medium grained, moist, very loose, no gravel	
-		6.3				
-			SP			
-		32				
-					68.0 POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, medium grained, moist, very loose, trace fine gravel	
70		0.2				
-			SP		72.0 POORLY GRADED SAND WITH GRAVEL, (SP) 7.5YR 6/8 reddish yellow, medium to coarse grained, moist, very loose	
-			SP		75.0 POORLY GRADED SAND WITH GRAVEL, (SP) 7.5YR 6/8 reddish yellow, fine grained, moist, very loose, coarse gravel, some cobbles	
-					79.0 POORLY GRADED SAND, (SP) 7.5YR 6/4 light brown, fine grained, wet, very loose, some fine gravel	
80			SP		81.0 POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, wet, very loose, trace fine gravel	
-			SP		84.0 POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, wet, very loose, trace gravel	
-			SP		86.0 POORLY GRADED SAND, (SP) 7.5YR 7/8 reddish yellow, fine to medium grained, wet, very loose, trace fine gravel	
90					91.0	
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Bottom of borehole at 95.0 feet.