



## FIELD BOREHOLE LOG

Well ID: MW-305  
Total Depth (ft. bgs): 119

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: N. of Bldg. 720

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/12/19

DATE COMPLETED: 9/13/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 305.16

DEPTH TO WATER (ft. btoc): 93.29 on 12/4/2019

BOREHOLE USE: Groundwater Monitoring Well

NOTES: PID measurement indicated where greater than 0. No water used during drilling.

Well installed on 9/13, pad installed on 9/18, and well developed on 10/10.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 305.07 (ft)
-	ML		4.0	SILT, (ML) 5YR 4/3 reddish brown, dry, low plasticity, low dry strength, trace fine sand		
-				NO RECOVERY		
-			17.0			
-	MH		20.0	ELASTIC SILT, (MH) 5YR 5/3 reddish brown, moist, medium stiff, medium plasticity, trace fine sand		
20	CL		24.0	LEAN CLAY, (CL) 5YR 4/4 reddish brown / moderate brown, moist, medium stiff, medium plasticity, trace fine sand		
-	CL		26.0	LEAN CLAY, (CL) 5YR 4/4 reddish brown / moderate brown, moist, stiff, medium plasticity, trace fine sand		
-	CL			LEAN CLAY, (CL) 5YR 4/4 reddish brown / moderate brown, moist, soft, medium plasticity, trace fine sand		
30	CL		34.0			
-	CL		35.0	LEAN CLAY, (CL) 5YR 4/4 reddish brown / moderate brown, moist, very soft, medium plasticity, trace fine sand		
-	SC		39.0	CLAYEY SAND, (SC) 5YR 5/3 reddish brown, fine to medium grained, very soft		
40	SP		42.0	POORLY GRADED SAND, (SP) 2.5YR 4/8 red, fine to medium grained, loose, some clay		
-	SP		44.0	POORLY GRADED SAND, (SP) 2.5YR 5/8 red, fine to medium grained, moist, loose		
-	SP			POORLY GRADED SAND, (SP) 2.5YR 6/6 light red, fine to medium grained, moist, loose		
50	SP		49.0			

CREATED BY: C. Mokri

CREATED DATE: 9/22/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



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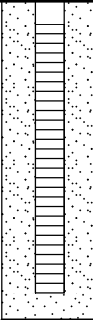



DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
50						
-	SP		53.0	POORLY GRADED SAND, (SP) 2.5YR 7/3 light reddish brown, fine grained, moist, very loose ( <i>continued</i> )		
-	SP		56.0	POORLY GRADED SAND, (SP) 2.5YR 5/6 red, fine to medium grained, very loose, trace gravel	0.8	
-	SP		59.0	POORLY GRADED SAND, (SP) 2.5YR 6/6 light red, fine to medium grained, moist, very loose	0.3	
60	SP		63.0	POORLY GRADED SAND, (SP) 2.5YR 5/4 reddish brown, fine to medium grained, moist, very loose	1.2	
-	SP		66.0	POORLY GRADED SAND, (SP) 2.5YR 7/2 pale red, fine grained, dry, very loose, trace gravel	1.6	
-	SP		71.0	POORLY GRADED SAND, (SP) 5YR 5/8 yellowish red, fine to medium grained, moist, very loose	0.6	
70	SW		73.0	WELL GRADED SAND, (SW) 5YR 6/6 reddish yellow, very loose, little gravel		
-	SP		76.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, moist, very loose		
-	SW		78.0	WELL GRADED SAND, (SW) 5YR 6/6 reddish yellow, wet, very loose		
80	GW		82.0	WELL GRADED GRAVEL, (GW) 5YR 6/6 reddish yellow, wet, very loose		
-	SW		86.0	WELL GRADED SAND, (SW) 2.5YR 7/4 light reddish brown, very loose, little gravel		
-	SW		90.0	WELL GRADED SAND, (SW) 5YR 7/4 pink, fine to medium grained, wet, very loose, little gravel		
90	SP		96.0	POORLY GRADED SAND, (SP) 5YR 8/3 pink, fine to medium grained, wet, very loose		
-	GW		105.0	WELL GRADED GRAVEL, (GW) 5YR 5/3 reddish brown, wet, very loose		
100	SW			WELL GRADED SAND, (SW) 5YR 5/3 reddish brown, wet, very loose		

- Bentonite  
Chips



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110	SW		108.0	WELL GRADED SAND, (SW) 5YR 6/4 light reddish brown / light brown, wet, very loose, with gravel		 <div>- #10-20 Filter Sand - Sch 40 PVC 0.010 Slotted Screen</div>
	SW		111.0			
	GW		113.0	WELL GRADED GRAVEL, (GW) 5YR 6/4 light reddish brown / light brown, fine to medium grained, wet, very loose		
	GW			WELL GRADED GRAVEL, (GW) 5YR 6/6 reddish yellow, wet, very loose		
			119.0			

Bottom of borehole at 119.0 feet.