



## FIELD BOREHOLE LOG

Well ID: MW-303  
Total Depth (ft. bgs): 94

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: N. of Bldg. 249

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/9/19

DATE COMPLETED: 9/10/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 305.43

DEPTH TO WATER (ft. btoc): 69.41 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 9/10, pad installed on 9/17, well developed on 11/4.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 305.33 (ft)
	ML			SILT, (ML) 2.5YR 6/1 reddish gray, dry, soft, non plastic, low dry strength		
			5.0	NO RECOVERY		
10			10.0			
	MH			ELASTIC SILT, (MH) 2.5YR 4/4 reddish brown, dry, soft, medium plasticity, trace fine sand		
			17.0			
20	CL			LEAN CLAY, (CL) 2.5YR 4/4 reddish brown, moist, soft, medium plasticity, trace fine sand		
			23.0			
	CL			LEAN CLAY, (CL) 2.5YR 5/4 reddish brown, moist, soft, medium plasticity, little fine sand		
			25.0			
	CL			LEAN CLAY, (CL) 2.5YR 5/4 reddish brown, moist, stiff, medium plasticity, with fine to medium sand		
			27.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 5/8 red, fine to medium grained, dense, trace clay		
			28.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 5/8 red, fine to medium grained, very dense		
30			30.0			
	SW			WELL GRADED SAND, (SW) 2.5YR 6/8 light red, moist, medium dense		
			34.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 7/6 light red, medium dense, trace clay		
			39.0			
40	SC			CLAYEY SAND, (SC) 2.5YR 7/6 light red, fine to medium grained, medium stiff, medium plasticity		
			44.0			
	SW			WELL GRADED SAND, (SW) 5YR 7/6 reddish yellow, medium dense		
			46.0			
	SW			WELL GRADED SAND, (SW) 5YR 7/6 reddish yellow, dry, very loose, little gravel		
50						

CREATED BY: C. Mokri

CREATED DATE: 10/1/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



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Total Depth (ft. bgs): 94

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
50						
	SW		53.0	WELL GRADED SAND, (SW) 5YR 7/6 reddish yellow, dry, very loose, little gravel (continued)	0.7	<p>- Bentonite Chips</p> <p>- #10-20 Filter Sand</p> <p>- Sch 40 PVC 0.010 Slotted Screen</p> <p>- Bentonite Chips</p>
	SP		55.0	POORLY GRADED SAND, (SP) 10YR 7/3 very pale brown, fine to medium grained, very loose	1.9	
	SW		58.0	WELL GRADED SAND, (SW) 2.5YR 6/4 light reddish brown, very loose, little gravel, trace clay		
	SP		63.0	POORLY GRADED SAND, (SP) 2.5YR 6/4 light reddish brown, fine to medium grained, moist, very loose		
	SP		66.0	POORLY GRADED SAND, (SP) 2.5YR 6/4 light reddish brown, fine grained, moist, loose	1.9	
	SW		69.0	WELL GRADED SAND, (SW) 2.5YR 7/3 light reddish brown, moist, very loose, little gravel	0.7	
70	SP		72.0	POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, moist, very loose, little gravel	2	
	SW		77.0	WELL GRADED SAND, (SW) 7.5YR 7/3 pink, moist, very loose	1.6	
	SW		81.0	WELL GRADED SAND, (SW) 7.5YR 7/3 pink, wet, very loose		
80	GW		86.0	WELL GRADED GRAVEL WITH SAND, (GW) 7.5YR 6/8 reddish yellow, wet, very loose		
	SC		88.0	CLAYEY SAND, (SC) Gley 1 4/N dark grey, fine grained, wet, soft, medium plasticity		
	SC		89.0	CLAYEY SAND, (SC) Gley 1 4/N dark grey, fine grained, moist, soft, medium plasticity		
90	MH		93.0	ELASTIC SILT, (MH) greenish gray 10Y 5/1 greenish gray, dry, very soft, low plasticity, low dry strength, some fine sand		
	MH		94.0	ELASTIC SILT, (MH) greenish gray 10Y 5/1 greenish gray, dry, hard, low plasticity, low dry strength		

Bottom of borehole at 94.0 feet.