



## FIELD BOREHOLE LOG

Well ID: MW-312  
Total Depth (ft. bgs): 105

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: S. of Ball Rd.

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/30/19

DATE COMPLETED: 10/1/19

DRILLING CONTRACTOR: Cascade

DRILLER: J. Asua

METHOD/RIG: Sonic TS150CC

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 285.78

DEPTH TO WATER (ft. btoc): 76.41 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 10/1, pad installed on 10/2, and 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: 285.49 (ft)
	ML			SILT, (ML) 7.5YR 5/6 strong brown, dry, medium stiff, non plastic, low dry strength, trace fine sand		Sch 40 PVC Blank Casing
			9.0			
10	ML			SILT, (ML) 7.5YR 5/4 brown, dry, medium stiff, non plastic, low dry strength, trace fine sand		
			14.0			
	ML			SILT, (ML) 7.5YR 6/6 reddish yellow, dry, medium stiff		
			17.0			
	ML			SILT, (ML) 7.5YR 6/6 reddish yellow, dry, stiff, medium plasticity, little clay		
			19.0			
20	ML			SILT, (ML) 7.5YR 6/6 reddish yellow, dry, stiff, medium plasticity, little fine to medium sand		
			24.0			
	SC			CLAYEY SAND, (SC) 7.5YR 4/4 brown, fine to medium grained, moist, soft, medium plasticity		
			26.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 4/6 strong brown, fine to medium grained, moist, very loose		
			29.0			
30	SP			POORLY GRADED SAND, (SP) 7.5YR 8/6 reddish yellow, dry, very loose		
			31.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 5/8 red, medium grained, moist, loose, little gravel, trace silt		
			34.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 5/8 red, medium grained, moist, loose, little gravel		
			39.0			
40	SP			POORLY GRADED SAND, (SP) 2.5YR 5/8 red, medium grained, moist, loose, trace gravel		
			41.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 7/3 light reddish brown, fine grained, dry, very loose		
			42.0			
	CL			LEAN CLAY, (CL) 10R 6/8 light red, stiff, medium plasticity		
			43.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 7/3 light reddish brown, fine grained, dry, very loose		
			46.0			
	SP			POORLY GRADED SAND, (SP) fine grained, dry, very loose, little gravel		
			49.0			
50	SW			WELL GRADED SAND, (SW) 7.5YR 7/4 pink, dry, very loose, with gravel		

CREATED BY: C. Mokri

CREATED DATE: 10/21/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



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Total Depth (ft. bgs): 105

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
50						
	SW		51.0			
	SW		53.0	WELL GRADED SAND, (SW) 7.5YR 6/6 reddish yellow, very loose, little gravel		
	SP		56.0	POORLY GRADED SAND, (SP) 7.5YR 7/3 pink, fine to medium grained, very loose, little gravel		
	SP		59.0	POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, very loose		
60	SW		62.0	WELL GRADED SAND, (SW) 7.5YR 6/8 reddish yellow, wet, very loose, little gravel		
	SP		68.0	POORLY GRADED SAND, (SP) 10YR 7/4 very pale brown / grayish orange, fine grained, moist, very loose		
	SP		74.0	POORLY GRADED SAND, (SP) 10YR 6/6 brownish yellow / dark yellowish orange, loose, weak cementation		
	SP		75.0	POORLY GRADED SAND, (SP) 10YR 7/4 very pale brown / grayish orange, fine to medium grained, very loose		
				NO RECOVERY		
80	SP		82.0	POORLY GRADED SAND, (SP) 7.5YR 8/1 white, fine grained, very loose, trace fine gravel		
	SW		85.0	WELL GRADED SAND, (SW) 7.5YR 5/6 strong brown, wet, very loose, little gravel		
	SP		88.0	POORLY GRADED SAND, (SP) 7.5YR 6/8 reddish yellow, fine to medium grained, very loose, trace gravel		
90	SP		91.0	POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, very loose		
	CH			FAT CLAY, (CH) N4 medium dark gray, hard, medium plasticity		
100						
			105.0			

Bottom of borehole at 105.0 feet.

Bentonite  
Chips#10-20 Filter  
Sand  
Sch 40 PVC  
0.010 Slotted  
ScreenBentonite  
Chips