



## FIELD BOREHOLE LOG

Well ID: MW-310  
Total Depth (ft. bgs): 64

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: Fremont Road

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/26/19

DATE COMPLETED: 9/26/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 290.07

DEPTH TO WATER (ft. btoc): 45.55 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 9/27, pad installed on 9/27, and well developed on 10/12.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 289.81 (ft)
	ML			SILT, (ML) 5YR 5/2 reddish gray / pale brown, dry, medium stiff, low plasticity, low dry strength, little fine sand		- Sch 40 PVC Blank Casing
			6.0			
	ML			SILT, (ML) 5YR 6/4 light reddish brown / light brown, moist, soft, non plastic, low dry strength, trace fine sand		
			9.0			
10	ML			SILT, (ML) 5YR 6/4 light reddish brown / light brown, moist, medium stiff, non plastic, low dry strength, trace fine sand		
			11.0			
	CL			LEAN CLAY, (CL) 5YR 5/4 reddish brown, moist, soft, medium plasticity		
			16.0			
	CL			LEAN CLAY, (CL) 5YR 5/4 reddish brown, moist, soft, medium plasticity, trace fine gravel		
20			21.0			- Cement-Bentonite Grout
	CL			LEAN CLAY, (CL) 5YR 5/6 yellowish red / light brown, moist, stiff, medium plasticity		
			26.0			
	SC			CLAYEY SAND, (SC) 5YR 6/3 light reddish brown, medium grained, medium stiff		
			28.0			
30	SP			POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, with clay, strong cementation		
			31.0			
	SP			CLAYEY GRAVEL, (SP) medium grained, very dense, and fine to medium gravel, some clay, strong cementation		
			34.0			
	SP			POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, dense, with fine to medium gravel, moderate cementation		
			36.0			
	GP			POORLY GRADED GRAVEL, (GP) 5YR 6/6 reddish yellow, medium grained, dry, very dense, strong cementation		
			38.0			
40	SP			POORLY GRADED SAND, (SP) 5YR 7/6 reddish yellow, medium grained, moist, medium dense, trace clay		
			41.0			
	SP			POORLY GRADED SAND, (SP) 5YR 7/2 pinkish gray / grayish orange pink, fine to medium grained, loose, trace gravel		
			42.0			
	GP			POORLY GRADED GRAVEL, (GP) 5YR 7/2 pinkish gray / grayish orange pink, fine to medium grained, moist, loose, with fine to medium sand		
			44.0			
	SP			POORLY GRADED SAND, (SP) 5YR 6/4 light reddish brown / light brown, fine to medium grained, moist, loose, with gravel		
			47.0			
	SW			WELL GRADED SAND, (SW) 2.5YR 7/2 pale red, wet, loose, trace fine gravel		
			48.0			
50	SW			WELL GRADED SAND, (SW) 7.5YR 6/6 reddish yellow, wet, loose, with fine to coarse gravel		- Bentonite Chips

CREATED BY: C. Mokri

CREATED DATE: 10/15/19


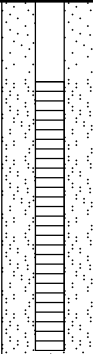





CHECKED BY: T. Holmes

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						
-	SW		53.0	WELL GRADED SAND, (SW) 7.5YR 6/6 reddish yellow, wet, loose, with fine to coarse gravel <i>(continued)</i>		 <div>- #10-20 Filter Sand - Sch 40 PVC 0.010 Slotted Screen</div>
-	SW		54.0	WELL GRADED SAND, (SW) 7.5YR 5/6 strong brown, moist, loose, little gravel, trace clay		
-	SP		57.0	POORLY GRADED SAND, (SP) 10YR 7/6 yellow, wet, loose, trace gravel		
-	SP		58.0	POORLY GRADED SAND, (SP) 10YR 7/6 yellow, wet, very loose, trace gravel		
-	SW		59.0	WELL GRADED SAND, (SW) 10YR 7/6 yellow, wet, very loose, little gravel		
60	GP		64.0	POORLY GRADED GRAVEL, (GP) 10YR 5/6 yellowish brown, wet, very loose, with sand		

Bottom of borehole at 64.0 feet.