



FIELD BOREHOLE LOG

Well ID: MW-306
Total Depth (ft. bgs): 84

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: NE. of Bldg. 429

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/13/19

DATE COMPLETED: 9/14/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 304.4

DEPTH TO WATER (ft. btoc): 70.05 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 9/14, pad installed on 9/17, and well developed on 10/8.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 304.3 (ft)
	ML			SILT, (ML) dry, stiff, non plastic, medium dry strength, trace fine sand		- Sch 40 PVC Blank Casing
			6.0			
	ML			SILT, (ML) 7.5YR 4/3 brown, moist, medium stiff, low plasticity		
			9.0			
10	CL			LEAN CLAY, (CL) 7.5YR 6/3 light brown, medium stiff, medium plasticity, little silt		
			14.0			
	CL			LEAN CLAY, (CL) 7.5YR 6/4 light brown, medium stiff, medium plasticity, trace fine gravel		
			19.0			
20	CL			LEAN CLAY, (CL) 7.5YR 6/4 light brown, moist, very stiff, medium plasticity		
			24.0			
	CL			LEAN CLAY, (CL) 7.5YR 5/4 brown, stiff, medium plasticity, little silt, trace fine sand		
			26.0			
	SC			CLAYEY SAND, (SC) 2.5YR 5/6 red, fine grained, soft, medium plasticity		
			27.0	CLAYEY SAND, (SC) 2.5YR 5/6 red, fine to medium grained, soft, medium plasticity		
30	SC					
			33.0			
	SP			POORLY GRADED SAND, (SP) 10R 4/6 red / moderate reddish brown, fine to medium grained, moist, dense		
			36.0			
	SP			POORLY GRADED SAND, (SP) 2.5YR 6/8 light red, fine to medium grained, moist, very loose		
40			41.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, moist, very loose		
			44.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, very loose, little gravel		
			46.0			
	SW			WELL GRADED SAND, (SW) 7.5YR 5/8 strong brown, very loose, and gravel		
			48.0			
	SP			POORLY GRADED SAND, (SP) 5YR 6/8 reddish yellow, moist, very loose, trace clay		
50	SP			POORLY GRADED SAND, (SP) 5YR 6/8 reddish yellow, moist, very loose		

CREATED BY: C. Mokri

CREATED DATE: 10/15/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



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50						
	SP		52.0	POORLY GRADED SAND, (SP) 5YR 6/8 reddish yellow, moist, very loose (<i>continued</i>)		
	SP		54.0	POORLY GRADED SAND, (SP) 5YR 5/4 reddish brown, fine to medium grained, moist, very loose, trace clay		
	SW		56.0	WELL GRADED SAND, (SW) 5YR 7/3 pink, very loose, trace gravel		
	SP			POORLY GRADED SAND, (SP) 5YR 7/3 pink, very loose, trace gravel, trace clay		
60			61.0		1	
	SP		62.0	POORLY GRADED SAND, (SP) 5YR 7/3 pink, very loose, some gravel	0.7	
	SP		64.0	POORLY GRADED SAND, (SP) 5YR 6/3 light reddish brown, fine to medium grained, wet, very loose, little gravel		
	SP		67.0	POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, fine to medium grained, trace fine gravel	1	
				POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, fine to medium grained		
70	SP		73.0			
	SC		73.5	CLAYEY SAND, (SC) 7.5YR 7/6 reddish yellow, fine grained, moist, medium stiff, medium plasticity		
	SW		76.0	WELL GRADED SAND, (SW) 7.5YR 6/8 reddish yellow, wet, very loose, little gravel		
	SW			WELL GRADED SAND, (SW) 7.5YR 7/2 pinkish gray, wet, very loose, little fine gravel		
			79.0			
80	GW		82.0	WELL GRADED GRAVEL, (GW) 7.5YR 4/2 brown, wet, very loose		
	SP		84.0	POORLY GRADED SAND, (SP) 7.5YR 7/3 pink, fine to medium grained, wet, very loose	1	
					1.6	

Bottom of borehole at 84.0 feet.

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