



FIELD BOREHOLE LOG

Well ID: MW-308
Total Depth (ft. bgs): 104

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: N. of Bldg. 629

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/16/19

DATE COMPLETED: 9/17/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 304.82

DEPTH TO WATER (ft. btoc): 88.25 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 9/17, pad installed on 9/18, and well developed on 10/16.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 304.68 (ft)
	ML			SILT, (ML) 2.5YR 5/3 reddish brown, medium stiff, non plastic, low dry strength		- Sch 40 PVC Blank Casing
			6.0			
	ML			SILT, (ML) 2.5YR 5/3 reddish brown, dry, medium stiff, low plasticity, trace fine gravel		
			9.0			
10	ML			SILT, (ML) 2.5YR 5/3 reddish brown, dry, very stiff, low plasticity, trace fine gravel		
			12.0			
	ML			SILT, (ML) 2.5YR 5/3 reddish brown, dry, very stiff, low plasticity, trace fine sand		
			15.0			
	SC			CLAYEY SAND, (SC) 2.5YR 4/8 red, fine to medium grained, moist, medium stiff, medium plasticity		
			19.0			
20	SC			CLAYEY SAND, (SC) 2.5YR 4/8 red, fine to medium grained, moist, soft, medium plasticity		
			23.0			
	SC			CLAYEY SAND, (SC) 2.5YR 3/6 dark red, fine to medium grained, moist, hard, medium plasticity		
			29.0			
30	SC		30.0	CLAYEY SAND, (SC) 10R 4/8 red, fine to medium grained, moist, very stiff, medium plasticity		
	SP			POORLY GRADED SAND, (SP) 10R 4/8 red, fine to medium grained, loose, some clay		
			34.0			
	SP			POORLY GRADED SAND, (SP) 10R 4/8 red, fine to medium grained, loose, trace clay		
			36.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, fine to medium grained, moist, very loose		
40			41.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 7/4 pink, fine to medium grained, moist, very loose		
			44.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, fine to medium grained, moist, very loose		
			47.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 5/8 strong brown, fine to medium grained, moist, very loose, trace gravel		
50						

CREATED BY: C. Mokri

CREATED DATE: 9/22/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



FIELD BOREHOLE LOG

Well ID: MW-308
Total Depth (ft. bgs): 104

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
50						
	SP		52.0	POORLY GRADED SAND, (SP) 7.5YR 5/8 strong brown, fine to medium grained, moist, very loose, trace gravel <i>(continued)</i>		
	SP		54.0	POORLY GRADED SAND, (SP) 5YR 6/8 reddish yellow, fine to medium grained, moist, very loose, trace clay, weak cementation		
	SP		57.0	POORLY GRADED SAND, (SP) 5YR 8/3 pink, fine grained, very loose		
	GP		59.0	POORLY GRADED GRAVEL, (GP) 5YR 7/6 reddish yellow, fine grained, moist, very loose		
60						
	SP		64.0	POORLY GRADED SAND, (SP) 5YR 8/3 pink, moist, very loose, with gravel		
	SP		68.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, fine to medium grained, moist, very loose		
	SP		72.0	POORLY GRADED SAND, (SP) 5YR 5/8 yellowish red, medium to coarse grained, moist, very loose, with gravel		
70						
	SP		75.0	POORLY GRADED SAND, (SP) 5YR 8/2 pinkish white, fine grained, moist, very loose, trace gravel		
	SP		77.0	POORLY GRADED SAND, (SP) 5YR 5/2 reddish gray / pale brown, fine to medium grained, moist, very loose, and fine to medium gravel		
	SP		79.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium to coarse grained, very loose, some fine gravel		
80					0.9	
	SP		83.0	POORLY GRADED SAND, (SP) 5YR 7/6 reddish yellow, very loose, some fine to medium gravel	2.2	
	GP		86.0	POORLY GRADED GRAVEL WITH SAND, (GP) 5YR 7/4 pink, medium to coarse grained, very loose		
	SP		89.0	POORLY GRADED SAND, (SP) 5YR 7/3 pink, fine to medium grained, moist, very loose, trace gravel		
90						
	SP		94.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, fine to medium grained, wet, very loose		
	SP		97.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, medium to coarse grained, wet, very loose, with fine gravel		
	GP		102.0	POORLY GRADED GRAVEL, (GP) 5YR 6/6 reddish yellow, wet, very loose, some fine sand		
100						
	SP		103.0	POORLY GRADED SAND, (SP) 10YR 7/4 very pale brown / grayish orange, fine grained, wet, very loose, some clay		
	SC		103.5			
	SP		104.0	CLAYEY SAND, (SC) 10YR 7/1 light gray, fine grained, soft, medium plasticity		
				POORLY GRADED SAND, (SP) 10YR 7/4 very pale brown / grayish orange, fine grained, wet, loose, little clay		

Bottom of borehole at 104.0 feet.