Well ID:MW-315 Total Depth (ft. bgs):100

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: <u>E. of Pentecostal Ch</u>urch PROJECT MANAGER: <u>T. Holmes</u>

LOGGED BY: C. Mokri

DATE STARTED: 10/8/19

DATE COMPLETED: 10/8/19

DRILLING CONTRACTOR: Cascade

DRILLER: J. Asua

METHOD/RIG: Sonic TS150CC

HOLE DIAMETER (IN): <u>6</u> GROUND SURFACE ELEVATION (NAVD): <u>290.09</u> DEPTH TO WATER (ft. btoc): <u>74.73 on 12/4/2019</u>

BOREHOLE USE: Groundwater Monitoring Well

NOTES: <u>PID measurement indicated where greater than 0. No water used during drilling.</u> Well installed on 10/8, pad installed on 10/9 and well developed on 10/15.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG		LAYER DEPTH	MATERIAL DESCRIPTION			WELL DIAGRAM		
				0.5	ASPHALT				- Sch 40 PVC	
					SILT (ML) 7 5YR 4/3 brown dry medium stiff non plastic			٦¥	Blank Casing	
	ML									
10				10.0	SILT (ML) 7 EVD 5/4 brown maint and low plantinity			\bigotimes		
	ML			13.0						
		\forall	//	10.0	LEAN CLAY (CL) 7.5YR 4/3 brown moist medium stiff medium plasticity little silt					
	CL			47.0						
		-///		17.0	LEAN CLAV (CL) ZEVP 4/2 brown majet stiff modium plasticity little silt					
		<u> </u>	44	18.0	CH T (AL) 7 5YR 4/3 brown, moist, sun, medium plasticity, nucle sin					
_ 20	ML			21.0	SILT, (ML) 7.5YR 4/3 brown, moist, soft, low plasticity, some clay					
	CL			24.0	LEAN CLAY, (CL) 7.5YR 6/4 light brown, moist, medium stiff, medium plasticity, trace fine gravel					
	sc			21.0	CLAYEY SAND, (SC) 7.5YR 6/6 reddish yellow, fine to medium grained, moist, soft, medium plasticity, trace fine gravel					
								\mathbb{N}		
30	SP			<u>29.0</u>	POORLY GRADED SAND, (SP) 2.5YR 4/6 red, medium grained, moist, dense, some clay					
				32.0						
	SP				POORLY GRADED SAND, (SP) 2.5YR 4/6 red, fine to medium grained, moist, loose					
				36.0						
	SW			38.0	WELL GRADED SAND, (SW) 2.5YR 5/6 red, very loose, some fine to medium gravel					
_ 40	SP			41. <u>0</u>	POORLY GRADED SAND, (SP) 2.5YR 5/6 red, fine to medium grained, moist, very loose				 Cement-Bentonite Grout 	
	SP			43.0	POORLY GRADED SAND, (SP) 5YR 6/6 reddish yellow, fine to medium grained, moist, loose, weak cementation					
	SP			49.0	POORLY GRADED SAND, (SP) 2.5YR 4/8 red, fine to medium grained, moist, very loose					
50	SP	1			POORLY GRADED SAND, (SP) 2.5YR 8/3 pink, fine grained, moist, very loose			\mathbb{N}		
CREATED BY: C. Mokri CHECKED BY: T. Ho CREATED DATE: 10/22/19 Page: 1 of 2 CHECKED DATE: 2//									Y: <u>T. Holmes</u> ATE: <u>2/28/20</u>	

05 DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM	
	SP		51.0				
	SP		52.0	POORLY GRADED SAND, (SP) 2.5YR 7/3 light reddish brown, fine grained, moist, very loose			
			.55.0	POORLY GRADED SAND, (SP) 2.5YR 7/6 light red, fine grained, moist, very loose			
	SP		57.0				
	SP		59.0	POORLY GRADED SAND, (SP) 7.5YR 6/6 reddish yellow, fine grained, medium dense, moderate cementation			
60				POORLY GRADED SAND, (SP) 10YR 6/8 brownish yellow, fine grained, moist, very loose			
	SP		62.0				
	SP		02.0	POORLY GRADED SAND, (SP) 10YR 6/6 brownish yellow / dark yellowish orange, fine to medium grained, moist, loose			
	SP		66.0 67.0	POORLY GRADED SAND (SP) 10YR 6/6 brownish vellow / dark vellowish orange fine to			
		•••••		medium grained, moist, loose, little medium to coarse gravel			
70	C/W			WELL GRADED SAND, (SW) 10YR 8/3 very pale brown, fine to medium grained, moist, very loose			
	300						
			72.0				
	SP		74.0	POORLY GRADED SAND, (SP) 10YR 7/3 very pale brown, fine to medium grained, moist, very loose, little gravel			
	SP			POORLY GRADED SAND, (SP) 10YR 7/4 very pale brown / grayish orange, fine to medium grained, very loose, little little			
		• • • •	78.0				
80	sw		81.0	little gravel		- Bentonite Chips	
	-			WELL GRADED SAND, (SW) 10YR 7/4 very pale brown / grayish orange, wet, very loose,			
	-						
	SW						
_ 90	-					- #10-20 Filter Sand	
	1					- Sch 40 PVC 0.010 Slotted	
	-		05.0			Screen	
			95.0	WELL GRADED SAND, (SW) 10YR 6/8 brownish yellow, wet, very loose, little coarse			
	sw			gravel			
			00.0				
100	SW		100.0	WELL GRADED SAND, (SW) 10YR 6/8 brownish yellow, wet, very loose			

Bottom of borehole at 100.0 feet.