SB/MW#: MW-2
#D- 9329-32
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Sampler: E. Ferguson

SOIL DRILLING LOG

PROJECT OFRP LOCATION Santa Fe Springs, CA
ELEVATION ~150' above MSL MONITORING DEVICE OVM
SAMPLING DATE(S) 1-10-94 START 8:00 AM FINISH 4:00 PM
SAMPLING METHOD CA MOD SPLIT SPOON SUBCONTRACTOR & EQUIPMENT Gregg Drilling - B-61
MEMO 8.5" O.D. Hollow Stem Augers were used to sample the borehole. (2" diameter x 6" length brass tubes). 10" O.D. Hollow Stem Augers were used to construct the wells. Continuous sampling began at 60'.

Depth Below Surface (ft.)	Penetration Results: Blows 6"-6"-6"	Penetration Results: BPF	Sampler Depth Interval (ft.)	Sample ID #	Hnu Reading (ppm)	Soil Description Color, Texture, Moisture, Etc.	Unified Class.	Graphic Log	Sample Depth	Borehole Abandonment/ Well Construction Details
						0.0 Silt: (0,5,95,0); brown (10YR 4/3); low plastic; stiff, damp.	ML			Locking PVC Cap; Concrete; Traffic Rated Well Box
5	11-12-15	27	5.0 6.5	85952	0					4" O.D. PVC Blank Casing
	8-14-19	33	8.5 10.0	85953	0					
10						@10' (0,10,90,0); dark yellowish brown.				10" Diameter Borehole
						12.5 Very fine sand: (0,90,10,0); grayish brown (2.5Y 5/2); non-plastic; (100% very fine sand); poorly graded; medium dense; damp.	SM			
15	10-8-9	17	13.5 15.0	85954	0					
						17.5 Silt: (0,0,100,0); grayish brown (2.5Y 5/2); non-plastic; slightly stiff; dry.	ML			
20	15-19-28	47	18.5 20.0		0					Bentonite Chips
25										
30	9-12-13	25	28.5		0					

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Depth Below Surface (ft.)	Penetration Results: Blows 6"-6"-6"	Penetration Results: BPF	Sampler Depth Interval (ft.)	Sample ID #	HNu Reading (ppm)	Soil Description Color, Texture, Moisture, Etc.	Unified Class.	Graphic Log	Sample Depth	Borehole Abandonment/ Well Construction Details
			30.0			@30' Silt: (0,0,95,5); dark grayish brown (2.5Y 4/2); low plastic; slightly stiff; damp.				
35										4" O.D. PVC Blank Casing
	12-17-22	39	38.5 40.0		0					
40						@40' Yellowish red (5YR 5/6).				10" Diameter Borehole
45										Bentonite Chips
						47.5				
	28-50 for 5"	100	48.5 50.0		0	**Medium sand**: (5,95,0,0); olive (5Y 4/4); non-plastic; (20% very coarse, 20% coarse, 60% medium sand); well graded; loose; dry.	SW			
50										
55										
						57.5				
	15-38-50 for 5"	100	58.5 60.0		0	**Medium sand**: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (5% coarse, 90% medium, 5% fine sand); poorly graded; loose; damp.	SP			Bentonite Pellets
60										
	28-50	100	63.5		0					
65										

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Depth Below Surface (ft.)	Penetration Results: Blows 6"-6"-6"	BPF	Sampler Depth Interval (ft.)	Sample ID #	Hnu Reading (ppm)	Soil Description Color, Texture, Moisture, Etc.	Unified Class.	Graphic Log	Sample Depth	Borehole Abandonment/ Well Construction Details
	for 5"		65.0							
						@68' Saturated.				
			68.5		0					
70			70.0							
						71.0				
						71.5 6" lens of Silt: (0,0,100,0); very dark grayish brown (2.5Y 3/2); non-plastic; slightly stiff; saturated.	ML			
							SP			
75			74.5		0	Coarse sand: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (80% coarse, 20% medium sand); graded; loose; saturated.				#2/12 Sand; 4" O.D. 0.020" Slotted PVC Screen
			76.0							
80						@74.5' (5,95,0,0); (20% very coarse, 80% coarse sand).				
						@63' (0,100,0,0); (10% very coarse, 90% coarse sand).				
85										
90										
						93.5				
						Medium sand: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (100% medium sand); poorly graded; loose; saturated.	SP			
95						97.0				
						Coarse sand: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (5% very	SP			
100										

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Depth Below Surface (ft.)	Penetration Results: Blows 6"-6"-6"	Penetration Results: BPF	Sampler Depth Interval (ft.)	Sample ID #	Hnu Reading (ppm)	Soil Description Color, Texture, Moisture, Etc.	Unified Class.	Graphic Log	Sample Depth	Borehole Abandonment/ Well Construction Details
						coarse, 85% coarse, 10% medium sand); poorly graded; loose; saturated.				
105										
						110.0				Bentonite Chips; T.D. = 110'
110										
115										
120										
125										
130										
135										