SB/MW#: MW-19
#D- 9342-45
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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) 1-13-94 START 8:00 AM FINISH 4:00 PM
SAMPLING METHOD CA MOD SPLIT SPOON SUBCONTRACTOR & EQUIPMENT Gregg Drilling - B-61
MEMO 6.5" 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				
						Sandy silt: (0,20,80,0); reddish brown (5YR 4/4); non-plastic; very stiff, dry.	ML			Locking PVC Cap; Concrete; Traffic Rated Well Box
5	24-49-48	97	5.0 6.5	85961						4" O.D. PVC Blank Casing
						7.5				
						Medium sand: (2,93,5,0); reddish brown (5YR 5/4); non-plastic; (2% very coarse, 3% coarse, 75% medium, 20% fine sand); graded; dense; dry.	SP			
10	27-21-17	38	8.5 10.0	85962						10" Diameter Borehole
15	27-35-50 for 5"	100	13.5 15.0	85963		@15' (0,95,5,0).				
						17.5				
						Sandy silt: (0,20,80,0); reddish brown (5YR 5/4); non-plastic; stiff; dry.	ML			
20	18-25-40	65	18.5 20.0							Bentonite Chips
25										
						27.5				
						Very fine sand: (0,100,0,0); brown (7.5YR 5/4); non-plastic; (100% very	SM			
30	10-16-35	51	28.5		0					

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SOIL DRILLING LOG

PROJECT QFRP LOCATION Santa Fe Springs, CA

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			fine sand); poorly graded; soft; dry.				
35										4" O.D. PVC Blank Casing
						37.5				
40	26-35-50 for 5"	100	38.5 40.0		0	**Fine sand**: (0,100,0,0); brown (7.5YR 5/4); non-plastic; (100% fine sand); poorly graded; loose; dry.	SP			10" Diameter Borehole
45										Bentonite Chips
						47.5				
50	26-40-50 for 3"		48.5 50.0		0	**Medium sand**: (0,100,0,0); brown (7.5YR 5/4); non-plastic; (5% coarse, 75% medium, 20% fine sand); graded; loose; dry.	SP			Bentonite Pellets
55						@55' Grayish brown (10YR 5/2); (70% medium, 30% fine sand); damp.				
▽						@58' Saturated.				
60			58.5 60.0			60.0				
						Coarse sand: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (20% very coarse, 70% coarse, 10% medium sand); graded; loose; saturated.	SW			
						63.0	ML			
65						*Continued Next Page*				

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SOIL DRILLING LOG

PROJECT OFRP LOCATION Santa Fe Springs, CA

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
						Silt: (0,0,95,5); brown (10YR 5/3); low plastic; stiff; damp.				
						68.5 **Coarse sand**: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (5% very coarse, 80% coarse, 15% medium sand); graded; loose; saturated.	SP			#2/12 Sand; 4" O.D. 0.020" Slotted PVC Screen
70										
75										
						78.0 **Silt**: (0,5,90,5); dark yellowish brown (10YR 4/4); low plastic; slightly stiff; damp.	ML			
80						81.0 **Medium sand**: (0,100,0,0); grayish brown (10YR 5/2); non-plastic; (5% coarse, 95% medium sand); poorly graded; loose; saturated.	SP			
85										
90										Bentonite Chips
95										
100						100.0				T.D. = 100'