SB/MW#: MW-23
#D- 9262-66
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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) 12-20-93 START 8:15 AM FINISH 3:00 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. * Continous 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); reddish brown (5YR 4/4); non-plastic; very stiff; dry.	ML			Locking PVC Cap; Concrete; Traffic Rated Well Box
5	12-16-18	34	5.0 6.5	85868	2					4" O.D. PVC Blank Casing
	10-15-17	32	8.5 10.0	85869	11					
10						@10' (0,0,95,5); dark reddish brown (5YR 3/3).				10" Diameter Borehole
						12.5				
						Fine Sand: (0,100,0,0); dark gray (10YR 4/1); non-plastic; (70% fine, 30% very fine sand); poorly graded; dense; dry.	SP			
15	13-30-31	61	13.5 15.0	85870	3					
						17.5				
						Silt: (0,10,85,5); grayish brown (10YR 5/2); non-plastic; very stiff; dry.	ML			
20	17-28-42	70	18.5 20.0	85871	1					Bentonite Chips
						22.5				
						Fine sand: (0,100,0,0); dark grayish brown (10YR 4/2); non-plastic; (100% fine sand); poorly graded; loose; damp.	SP			
25	10-28-36	64	23.5 25.0	85872	6					
						27.5				
						Coarse sand: (2,98,0,0); grayish brown (10YR 5/2); (salt & pepper);	SW			
30	16-45-50	95	28.5	85873	3					

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			30.0			non-plastic; (15% very coarse, 50% coarse, 20% medium, 15% fine to very sand; well graded; loose; dry.				
	24-34-50 for 3"	100	33.5 35.0	85874	4					
35						@35' (85% coarse, 15% medium sand); poorly graded; damp.				4" O.D. PVC Blank Casing
	29-50 for 5"	100	38.5 40.0	85875	2					
40										10" Diameter Borehole
	39-50 for 5"	100	43.5 45.0	85876	1					
45						@45' Coarse sand: (20,80,0,0); (30% very coarse, 50% coarse, 20% medium to fine sand); well graded.				Bentonite Chips
						47.5	SP			
	23-50 for 5"	100	48.5 50.0	85877	4	Medium sand: (0,100,0,0); grayish brown (10YR 5/2); (salt & pepper); non-plastic; (90% medium, 10% fine to very fine sand); poorly graded; loose; damp.				
50						52.5	SP			
	30-50 for 4"	100	53.5 55.0		4	Coarse sand: (2,98,0,0); grayish brown (10YR 5/2); (salt & pepper); non-plastic; (10% very coarse, 80% coarse, 10% medium to fine sand); poorly graded; loose; damp.				
55										
	30-50 for 4"	100	58.5 60.0		7					
60						61.5				
						Silt: (0,2,93,5); brown (10YR 4/3); low plastic; slightly stiff; damp.	ML			
						63.0	SP			
						Fine sand: (0,100,0,0);				
65										

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						66.0 brown (7.5YR 4/2); non-plastic; (100% fine to very fine sand); poorly graded; loose; damp. @65.5' Saturated.	ML			
70						70.5 **Silt**: (0,0,90,10); reddish brown (5YR 5/4); low plastic; slightly stiff; damp; mottled. @69' (0,0,95,5).	SP			Bentonite Pellets; 4" O.D. 0.020" Slotted PVC Screen
						73.0 **Very fine sand**: (0,80,20,0); brown (10YR 5/3); non-plastic; (100% very fine sand); medium dense; poorly graded; damp.	SP			
75						76.5 **Fine sand**: (0,100,0,0); brown (10YR 5/3); non-plastic; (100% fine sand; poorly graded; damp.	SP			#2/12 Sand
80						**Medium sand**: (0,100,0,0); very dark grayish brown (10YR 3/2); non-plastic; (5% coarse, 90% medium, 5% fine sand); poorly graded; saturated. @82.5' (60% medium, 40% fine sand); graded.	SP			
						84.0				
85						85.5 **Coarse sand**: (2,98,0,0); very dark grayish brown (10YR 3/2); non-plastic; (5% very coarse, 85% coarse, 10% medium sand); poorly graded; saturated.	ML			PVC End Cap
90						**Silt**: (0,15,80,5); yellowish brown (10YR 5/4); low plastic; slightly stiff; damp. @90', 6" lens of medium sand; damp.				Bentonite Chips
95										
100			99.0			100.0				

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			100.5			**Very fine sand**: (0,80,20,0); yellowish brown (10YR 5/4); non-plastic; (100% very fine sand); poorly graded; slightly dense; damp.	SP			Bentonite Chips
105			105.0 106.5			**Medium sand**: (0,100,0,0); dark brown (7.5YR 4/2); non-plastic; (95% medium, 5% fine sand); poorly graded; loose; damp. @107' Saturated.	SP			
			108.0 109.5				SP			
110						**Coarse sand**: (0,100,0,0); dark brown (7.5YR 4/2); non-plastic; (5% very coarse, 85% coarse, 10% medium sand); poorly graded; loose; saturated.	SP			
115						**Very coarse sand**: (5,95,0,0); light olive brown (2.5Y 5/4); non-plastic; (85% very coarse, 15% coarse to medium sand); poorly graded; loose; saturated.				
120										T.D. = 120'
125										
130										
135										

105.0
108.0
111.0
120.0