SB/MW#: **MW-22**
#D-
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Sampler: **Alexis Hillman**

SOIL DRILLING LOG

PROJECT **OFRP** LOCATION **Santa Fe Springs, CA**
ELEVATION **~150' above MSL** MONITORING DEVICE **OVM**
SAMPLING DATE(S) **3/11/96** START **7:30 AM** FINISH
SAMPLING METHOD **CA MOD SPLIT SPOON** SUBCONTRACTOR & EQUIPMENT **Gregg Drilling - B-61**
MEMO **Sampled using a California Modified Split Spoon Sampler with a 120 lb hammer.**

Depth Below Surface (ft.)	Penetration Results: Blows 6"-6"-6"	Penetration Results: BPF	Sampler Depth Interval (ft.)	Sample ID #	OVM Reading (ppm)	Soil Description Color, Texture, Moisture, Etc.	Unified Class.	Graphic Log	Sample Depth	Borehole Abandonment/ Well Construction Details
						0.0	ML			Concrete; Traffic Rated Well Box
5	4-4-5	9	5.0 6.5	253458	1	@5' **Silt**: (0,5,93,2); brown (7.5YR 4/3); non-plastic; stiff; damp.			■	
10	8-10-11	21	10.0 11.5	253459	1	@10' (0,5,95,0); dark grayish brown (2.5Y 4/2); very stiff; damp.			■	10" Diameter Borehole; 4" Sch 40 PVC Blank casing
						12.5	SP			
15	7-10-12	22	15.0 16.5	253460	12	@15' **Fine sand**: (0,100,0,0); olive gray (5Y 4/2); (100% fine sand); poorly graded; medium dense; damp.			■	
						17.5	ML			
20	10-10-16	26	20.0 21.5		7	@20' **Silt**: (0,5,95,0); dark grayish brown (2.5Y 4/2); non-plastic; very stiff; damp.			■	Hydrated Bentonite Chips
25	8-19-27	46	25.0 26.5		5	@25' (0,5,90,5); olive gray (5Y 4/2); hard; damp.			■	
						27.5	SP			
30	14-17-20	37	30.0 31.5		6	@30' **Medium sand**: (0,100,0,0); dark gray (5Y			■	

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35	8-15-22	37	35.0 36.5		6	32.5 4/1); (80% medium, 20% fine sand); subangular; poorly graded to graded; dense; damp. @35' **Silt**: (0,0,90,10); greenish gray (5/10 GY); non-plastic; hard; damp.				
						37.5	SP			
40	17-25-38	63	40.0 41.5		6	@40' **Medium sand**: (0,90,10,0); olive gray (5Y 5/2); (90% medium, 10% fine/very fine sand); poorly graded; very dense; damp.	SP			10" Diameter Borehole 4" Sch 40 PVC Blank casing
45	17-38-50	88	45.0 46.5		12	@45' (0,100,0,0); olive (5Y 5/3); (30% coarse, 65% medium, 5% fine/very fine sand); graded; damp.				
50	20-24-22	46	50.0 51.5		5	@50' (10% coarse, 75% medium, 15% fine sand); dense; damp.				
55	16-26-33	59	55.0 56.5		54	@55' (20% coarse, 75% medium, 5% fine sand); very dense; subangular; damp.				Hydrated Bentonite Chips
						57.5	SW			
60	28-36-42	78	60.0 61.5		226	@60' **Medium sand**: (0,100,0,0); greenish gray (4/5GY); (5% very coarse, 5% coarse, 75% medium, 15% fine sand); subangular; well graded; very dense; damp.				Hydrated Bentonite Seal
65	17-21-32	53	63.5 65.0		6	@65' (1,99,0,0); greenish gray (5/5GY); (3% very coarse, 7% coarse, 75% medium, 15% fine sand);				#2/12 Sand

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70	21-29-36	65	68.5 70.0		62	damp. @70' (0,100,0,0); (5% very coarse, 5% coarse, 70% medium, 20% fine sand); damp.				4" O.D. 0.020" Slotted PVC Screen
75	16-23-29	52	73.5 75.0		127	@75' (3,97,0,0); (5% very coarse, 10% coarse, 70% medium, 15% fine sand); damp.				
						77.5	SP			#2/12 Sand
80	15-28-50	78	78.5 78.5		101	@80' **Coarse sand**: (0,100,0,0); dark greenish gray (4/10BG); (50% coarse, 30% medium, 20% fine sand); subangular; graded; very dense; saturated.				
						82.5	ML			
85	16-20-35	55	83.5 83.5		412					10" Diameter Borehole
						@85' **Silt**: (0,0,100,0); dark greenish gray (4/5BG); non-plastic; hard; saturated.				
						87.5	SP			
90	14-18-20	38	88.5 88.5		264	@90' **Medium sand**: (0,100,0,0); dark greenish gray (4/10G); (15% coarse, 70% medium, 15% fine sand); subangular; graded; dense; saturated.				
95			93.5 93.5		240	@95' Greenish gray (5/5BG); (15% coarse, 80% medium, 5% fine sand); poorly graded; saturated.				Hydrated Bentonite Chips
						97.5	ML			
100			98.5 98.5		121					T.D. = 100'
						100.0 @100 **Silt**: (0,0,100,0); dark greenish gray (4/10G); non-plastic; poorly graded; saturated.				
105										