

BORING LOG						
BORING NO. 12		8" HSA		Logged by JC		
W.O. 101031		DATE 2/27/82		SURFACE EL. 333		
Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYB	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu.ft.)
0			SM		ALLUVIUM(Qal): Alluvial sands, silts, clays with gravel, brown, damp, medium dense	
			CL		Silty clay, brown, moist, firm	
			ML		Less clayey to clayey silt, brown, moist, firm	
5	R 20	SP			Coarse to fine grained sand, trace of fines, occasional gravel, light brown, damp, medium dense to dense	103.7 6.7
					@ 8.0 ft. gravel increasing	
10	R 30					109.8 3.3
15	R 32				@ 15.0 ft. 15% gravel, trace fines	114.8 3.2
					@ 17.0 ft. becomes moist;	
20	R 34				@ 19.0 ft. saturated; @ 20.0 ft. water; begin drilling with water considerable gravel to 1/2" from 20.0 to 22.0 ft.	No Recovery
25	SPT 37	SW			SAND/GRAVEL, brown, saturated, medium dense	
					Occasional thin seams of clayey silt	
30	SPT 38					No Recover
			SP		Medium to fine sand (gravel decreasing), brown, saturated, medium dense	
35	SPT 70					
40	SPT 96				TOTAL DEPTH 40.00 Water at 20.0 ft.	

BORING LOG						
BORING NO. 13		8" HSA		Logged by JC		
W.O. 101031		DATE 2/27/82		SURFACE EL. 334		
Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYB	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu.ft.)
0			SM		ALLUVIUM(Qal): Silty medium to fine sand, brown, damp, medium dense	
					@ 3.0 ft. occasional clayey seams	
5	R 14					105.1 17.1
			CL		Sandy clay, brown, moist, firm	
10	R 24	SP			Medium to fine sand, brown, dry to damp, medium dense;	107.7 3.0
					@ 13.0 ft. scattered gravel	
15	R 26					104.5 4.3
			SM		Silty fine sand, brown, dry to damp, medium dense	
20	R 32	SW			Coarse to fine sand, clean, brown, dry to damp, medium dense	100.7 4.8
					@ 22.0 ft. water	
25	R 24				SW becomes light brown, saturated, minor gravel	No Recovery
30	SPT 43					
					gravel increasing	
35	SPT 50/5"	SM			Silty sand, (weathered sandstone?), micaceous, yellow brown speckled with black, saturated, very dense	
40	SPT 95/5"				TOTAL DEPTH 40.0 ft. Water at 22.0 ft.	

1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
WEIR CANYON ROAD	
RAMPS SOIL BORINGS	
MARK	DATE
REVISIONS	
DESIGNED PAC. SOILS ENGRS. INC.	SCALE DATE
DRAWN B.Y.I.	CHECKED J.W.P.
PREPARED UNDER SUPERVISION OF <i>John W. Pulver</i>	DATE
AS SHOWN AUG. 82	DWG. NO.
SHEET	
X-4	