

BORING LOG

BORING NO. 1, 8" HSA
 W.O. 101031
 Logged by DA
 DATE 2/16/82
 SURFACE EL. 339

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SP	ALLUVIUM (Qal): Silty sand, light brown, moist, medium dense		
5	R 5			ML	Sandy silt, gray/brown, moist, firm	101.6	84.9
10	R 12			SM	Silty fine sand, light brown, moist, rootlets, slightly porous; interbedded silts and sands, medium dense	88.2	30.0
15	R 26					95.0	22.0
20	R 34				water @ 20.0 ft., coarse sand, light brown, damp	100.0	12.6
25	R 38					no recovery	
25					(ALLUVIUM continued from 0.0 ft.) occasional cobbles below 26.0 ft.		
30	R 120/54				PUENTE FORMATION - SYCAMORE CANYON MEMBER (Tpsc): Micaceous sandy siltstone, gray, damp, friable, massive, very stiff Total Depth 30.0 ft. Water Level Stabilized @ 26.0 ft.	123.5	10.7

BORING LOG

BORING NO. 2, 8" HSA
 W.O. 101031
 Logged by DA
 DATE 2/16/82
 SURFACE EL. 337

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SM	ALLUVIUM (Qal): Silty sand with gravel, brown, moist, medium dense		
5	R 18			ML	Clayey silt, gray/brown, interbedded silts and sands, clays throughout sequence, moist, firm to stiff	89.2	30.2
10	R 9					79.5	14.0
15	R 8					103.4	9.4
20	R 8					no recovery	
25	R 60				saturated @ 25.0 ft. water	117.8	13.3
30	SPT 50/1				PUENTE FORMATION - SYCAMORE CANYON MEMBER (Tpsc): Medium grained sandstone, light brown to tan, damp, friable, slightly cemented, dense Total Depth 30.0 ft. Water @ 25.0 ft.		

BORING LOG

BORING NO. 3, 8" HSA
 W.O. 101031
 Logged by DA
 DATE 2/15/82
 SURFACE EL. 342

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				ML	ALLUVIUM (Qal): Sandy silt, dark brown, damp, firm, slightly porous		
5	R 57				Yellow brown, slightly porous, stiff	110.9	4.4
10	R 25			SM	Silty sand, yellow brown, damp, medium dense	102.7	3.9
15	R			SW	Coarse sand with gravel and occasional cobbles, damp, dense		
15	R			GW	Large gravel and cobbles	rock in sampler	
20	R 79/6			ML	Sandy silt, gray/brown, damp, stiff		
20	R 79/6			SW	Coarse sand with cobbles, gray, @ 20.0 ft. hit rock while sampling	110.2	11.5
25	SPT 60				PUENTE FORMATION - SYCAMORE CANYON MEMBER (Tpsc): Clay siltstone with sand, gray, very stiff		
30					(PUENTE FORMATION continued from 21.0 ft.) Wet @ 26.0 to 27.0 ft., friable, micaceous Total Depth 27.0 ft. Water @ 26.0 ft.		

BORING LOG

BORING NO. 4, 8" HSA
 W.O. 101031
 Logged by DA
 DATE 2/15/82
 SURFACE EL. 339

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SM	ALLUVIUM (Qal): Silty coarse-grained sand with gravel, brown, moist, medium dense		
5	R 7					109.5	6.3
10	R 6			ML	Clayey silt, gray/brown, moist to wet, soft	97.5	24.0
10	R 6			CL	Sandy clay, brown, moist, firm to stiff		
15	R 8			ML	Clayey silt, gray, moist, firm	91.5	27.1
20				GW	Silty sand with gravel and cobbles, moist, hard drilling, refused @ 19.0 ft., tried second hole, refused @ 19.0 ft. Total Depth 19.0 ft. No Water.		

1/2 0 1 2
 3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		WEIR CANYON ROAD UNDERCROSSING SOIL BORINGS	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF <u>John W. Pulver</u>
DESIGNED <u>PAC. SOILS ENGR., INC.</u>		SCALE	DATE
DRAWN <u>B.Y.L.</u>		CHECKED <u>J.W.P.</u>	DWG. NO.
AS SHOWN		AUG. '82	SHEET
			U-6