

BORING LOG

BORING NO. 6, 8" HSA
W.O. 101016Logged by DA
DATE 2/16/82
SURFACE EL. 352

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SM	ALLUVIUM (Qal): Silty fine sand, golden brown, damp, medium dense, with interbedded silty and clayey seams		
5	R	20				Not Determined	
10	R	38				108.0	6.0
15	R	37			@ 17.0 ft. occasional cobbles and gravel	117.9	13.5
20	R	37		SM	Silty coarse sand with cobbles, red/brown, damp, gravelly, medium dense	no recovery	
25	SPT	50			@ 23.5 ft. concentration of cobbles; gravel to 37.0 ft.		
30							
35	SPT	refused			@ 35.0 ft. water		
40					PUENTE FORMATION - SYCAMORE CANYON MEMBER (Upac): Clayey siltstone, gray, damp, friable, micaceous, very stiff		
45					Total Depth 40.0 ft. Water @ 35.0 ft. No sample @ 40.0 ft., plug in auger prevented sampling		
50							

BORING LOG

BORING NO. 7, 8" HSA
W.O. 101031Logged by DA
DATE 2/23/82
SURFACE EL. 333

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SM	ALLUVIUM (Qal): Silty fine to medium grained sand, brown, moist, medium dense		
5	R	13			@ 3.0 ft. occasional cobbles	104.3	4.4
10	R	14			@ 6.0 ft. light brown	108.6	6.8
15	R	25		SM	@ 14.5 ft. coarse to fine sand, light brown, moist, occasional silty sand lens, medium dense	100.3	3.2
20	R	94			saturated @ 18.0 ft. water	121.6	9.0
25	SPT	69			(ALLUVIUM continued from 0.0 ft.)		
30					@ 28.0 ft. abundant cobbles		
35							
40					TOTAL DEPTH 30.0 ft. Water at 18.0 ft.		
45							
50							

BORING LOG

BORING NO. 8, 8" HSA
W.O. 101031Logged by DA
DATE 2/23/82
SURFACE EL. 325

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SM	ALLUVIUM (Qal): Silty medium grained sand, light brown, moist, medium dense		
5	R	31			@ 5.0 ft. intermittent gravel, increasing with depth	108.4	3.5
10	R	79			saturated @ 10.0 ft. water	Not Determined	
15	R	68				129.5	11.4
20	R	38				no recovery	
25	SPT	34			TOTAL DEPTH 25.0 ft. Water at 10.0 ft.		

BORING LOG

BORING NO. 14, 24" Bucket
W.O. 101031Logged by DA
DATE 2/26/82
SURFACE EL. 330

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SC	ARTIFICIAL FILL (Qaf): Silty sand with gravel (road base), brown, damp, dense		
5				SM	TERRACE DEPOSIT (Qt): Clayey medium grained sand, reddish-brown, moist, dense		
10				SC	Silty sand, light brown to tan, moist, dense		
15					Clayey sand, gray-brown, moist, dense, mottled, sand varies from medium to coarse grained	104.4	8.8
20					@ 13.0 ft. cobbles and gravel layer up to 10" diameter, slow and difficult drilling to 18.0 ft.		
25					TOTAL DEPTH 18.0 ft. No advancement due to large cobbles No Water, Slight caving		

BORING LOG

BORING NO. 15, 24" Bucket
W.O. 101031Logged by DA
DATE 2/26/82
SURFACE EL. 368

Depth ft.	SAMPLE	BLOWS/ft.	GROUP	SYMBOL	DESCRIPTION and REMARKS	Unit Dry Wt. (lb/cu ft.)	% Moisture
0				SC	TERRACE DEPOSITS (Qt): Clayey sand, reddish brown, moist, medium dense		
5					@ 5.0 ft. cobbles in a silty coarse sand brown, moist, dense, cobbles up to 17" dia very difficult drilling, slight caving		
10					TOTAL DEPTH 7.0 ft. No advancement due to abundant large cobbles No Water, Slight Caving		

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
EOIP 54-701-1
WEIR CANYON ROAD
EAST DRAIN
SOIL BORINGS

MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	DATE	SHEET
			John W. Palmer		10
					E-9
DESIGNED	PAC. SOILS ENGR. INC.	SCALE	DATE	DWG. NO.	OF 11
DRAWN	B.Y.L.	CHECKED	J.W.P.	AS SHOWN	ALL 82
					EOIP 54-701-1