

LOGGED BY F. Greguras	BEGIN DATE 1-11-08	COMPLETION DATE 1-11-08	BOREHOLE LOCATION (Lat/Long or North/East and Datum) N2120706.018 / E5997094.113 (NAD83)	HOLE ID RW10-A1
DRILLING CONTRACTOR Gregg Drilling and Testing, Inc.		BOREHOLE LOCATION (Offset, Station, Line) Offset 84ft L Sta 54+50 SB Alignment		SURFACE ELEVATION 15.030 ft (NAVD88)
DRILLING METHOD Hollow Stem Auger		DRILL RIG Mobile B61		BOREHOLE DIAMETER 8 in.
SAMPLER TYPE(S) AND SIZE(S) (ID) MC (2.4"), SPT (1.4"), Shelby (2.87")		SPT HAMMER TYPE Automatic, 140 lbs., 30-inch drop		HAMMER EFFICIENCY, ERI
BOREHOLE BACKFILL AND COMPLETION Neat Cement Grout backfill		GROUNDWATER DURING DRILLING AFTER DRILLING (DATE) READINGS 3		TOTAL DEPTH OF BORING 21.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	Description	Sample Location	Sample Number	Blows per 6 In	Blows per Foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
0	0		4" ASPHALT CONCRETE.												
	1		Lean CLAY with SAND (CL), poorly compacted, dark brownish gray to reddish brown, moist, with GRAVEL and brick pieces. [FILL]												PID= 2.4 ppm
13.03	2			S1	2	5	100								
	3		3.0', grades dark gray, wet.	S2	2	3	33								
11.03	4				1	1	1								
	5		Fat CLAY: soft, dark gray, wet.	U3			0	0							ST left in hole for 10 mins after push
9.03	6														
	7		May be stratified with sand seams because of driller's observation during drilling sample push.												
	8		SANDY lean CLAY (CL), medium stiff to stiff, dark greenish gray, moist, with iron-oxide staining.	U4			0	63							PID= 0.1 ppm
7.03	9		CLAYEY SAND (SC), loose, greenish gray, wet.												
	10														
5.03	11		Fat CLAY (CH), soft, dark brown, wet, with organic materials. [BAY MUD]	S5	1	3	83								
	12				2	1									
3.03	13		Lean CLAY (CL), medium stiff, greenish gray, moist, trace fine SAND, occasional rootlets and decayed vegetation, earthy odor detected.	S6	1	7	100								SPT at 11.5' dropped to 12.5' under weight of hammer
	14		Poorly graded SAND with CLAY (SP-SC), loose, dark gray, moist. [MARINE SAND]			2									
1.03	15					5									
	16		Poorly graded SAND (SP), loose, dark gray, wet, fine to medium, with occasional pieces of decayed vegetation, trace fines.	S7	7	16	100								SAND is flowing
-0.97	17			S8	3	8	100								About 6" of sand inside hollow stem auger
	18					6									
-2.97	19					2									
	20		Poorly graded SAND (SP), fine to medium, yellowish brown, wet. [COLMA SAND]	S9	6	12	100								At 20' added clean water before removing rods and sampling
-4.97	21					3									
	22					9									
-6.97	23		Borehole terminated at a depth of 21.5 feet on 1/11/2008.												
	24		See Boring Record Legend for soil classification chart and key to test data and sampler type.												
-8.97	25														

CALTRANS FORMAT DOYLEDRIVE_ARUPLOGS_11-2-08.GPJ ARUP LIBRARY CALTRANS FORMAT GLB 11/3/08



Department of Transportation
Division of Engineering Services
Geotechnical Services

REPORT TITLE BORING RECORD				HOLE ID RW10-A1	
DIST. 4	COUNTY S.F.	ROUTE 101	POSTMILE 8.3/9.4	EA 163701	
PROJECT OR BRIDGE NAME Doyle Drive Replacement Project					
BRIDGE NUMBER N/A		PREPARED BY T. Carroll		DATE 11-3-08	SHEET 1 of 1

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