

LOGGED BY T. Carroll	BEGIN DATE 4-29-08	COMPLETION DATE 4-30-08	BOREHOLE LOCATION (Lat/Long or North/East and Datum) N2120613.038 / E599484.724 (NAD83)	HOLE ID HA-3-PZ
DRILLING CONTRACTOR Gregg Drilling and Testing, Inc.		BOREHOLE LOCATION (Offset, Station, Line) Offset 345ft R Sta 77+60 NB Alignment		SURFACE ELEVATION 22.315 ft (NAVD88)
DRILLING METHOD Hand Auger		DRILL RIG		BOREHOLE DIAMETER 5 in.
SAMPLER TYPE(S) AND SIZE(S) (ID) Grab		SPT HAMMER TYPE N/A		HAMMER EFFICIENCY, ERI N/A
BOREHOLE BACKFILL AND COMPLETION 2" dia. Standpipe Piezo Screened 3.0 to 6.5 ft		GROUNDWATER DURING DRILLING AFTER DRILLING (DATE) READINGS		TOTAL DEPTH OF BORING 6.5 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
20.32	0		CLAYEY SAND with GRAVEL (SC), dark brown, moist, with occasional COBBLES up to 6" diameter, with pieces of wood and roots (up to 1/8" diameter), GRAVEL and COBBLES are CHERT and SERPENTINITE fragments. [FILL]												
18.32	4				S1										
16.32	6		METAMORPHIC ROCK (SERPENTINITE), greenish gray and yellowish green, moderately weathered, moderately hard, recovery may not be indicative of in-situ condition due to augering technique. 6.1', grades to slightly weathered, hard.		S2 S3 S4										Sample at 4.5' is mixed with sand from above Harder drilling at 4.5'; we used water to help clean the hole
	7		Borehole terminated at a depth of 6.5 feet on 4/30/2008.												
14.32	8		See Boring Record Legend for soil classification chart and key to test data and sampler type.												
12.32	10														
10.32	12														
8.32	14														
6.32	16														
4.32	18														
2.32	20														
0.32	22														
-1.69	24														
	25														

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Department of Transportation
Division of Engineering Services
Geotechnical Services

REPORT TITLE BORING RECORD				HOLE ID HA-3-PZ	
DIST. 4	COUNTY S.F.	ROUTE 101	POSTMILE 8.3/9.4	EA 163701	
PROJECT OR BRIDGE NAME Doyle Drive Replacement Project					
BRIDGE NUMBER 34-0161R		PREPARED BY T. Carroll		DATE 11-3-08	SHEET 1 of 1

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