



Quaternary Resource Investigations, LLC
13588 Florida Boulevard
Baton Rouge, LA 70820
Telephone: 225-292-1400
Fax: 225-292-1404

BORING NUMBER 13-B174

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CLIENT USACE-Galveston District
PROJECT NUMBER W912HY-13-D-0001-DY05
DATE STARTED 11/9/2013 12:20:00 PM **COMPLETED** 11/9/2013 2:40:00 PM
DRILLING CONTRACTOR QRI
DRILLING METHOD Hollow Stem Auger
LOGGED BY Pete Herold **TOTAL DEPTH** 16 ft
WEATHER clear, 70s, light wind

PROJECT NAME Sabine Neches Placement Area 8
PROJECT LOCATION Port Arthur, TX
GROUND ELEVATION 9.3901 ft **HOLE SIZE** 8.25 inches
NORTHING 13893473.06 ft **EASTING** 3574109.484 ft
DRILLING RIG MAKE/MODEL Geoprobe 6620
GROUND WATER LEVEL **AT TIME OF DRILLING** 1.10 ft / Elev 8.29 ft
15 MINUTES AFTER DRILLING 1.00 ft / Elev 8.39 ft

COPY OF PEGGY LAKE GEOTECH BH - PEGGY LAKE TEMPLATE.GDT - 7/15/14 13:11 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\SABINE NECHES PA 8 FINAL EDITED.GPJ

GRAPHIC LOG	USCS SYMBOL	MATERIAL DESCRIPTION	DEPTH (ft)	SAMPLE TYPE	RECOVERY (in)	SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	FIELD TORVANE (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			MINUS #200 SIEVE CONTENT (%)	COMPRESSIVE STRENGTH (tsf)	FAILURE STRAIN (%)	CONFINING PRESSURE (psi)
	CL	Lean CLAY with SAND, light brown, very soft, with sand seams 10'-14' and cracks 0'-10'	0	ST	9		0.25	0.75			43	18	25	59			
		more sand, fine grained, light brown, with clay layers		SS	16		0	0		43							
		greenish gray, less clay	5	ST	9		0	0									
		more clay, with roots 6'-10', clay layers		ST	21		0	0	89	35	38	17	21	66	0.20	8	
		greenish gray		ST	21		0	1.8									
		with rocks 10'-12'	10	ST	20		0	0.7	58	73							
		more sand, fine grained, with clay layers		SS	9		0	0		48							
			15	SS	24		0	1.2									

Bottom of borehole at 16.0 feet.