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BORING NUMBER 13-B176

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CLIENT USACE-Galveston District
PROJECT NUMBER W912HY-13-D-0001-DY05
DATE STARTED 11/9/2013 9:20:00 AM **COMPLETED** 11/9/2013 11:40:00 AM
DRILLING CONTRACTOR QRI
DRILLING METHOD Hollow Stem Auger
LOGGED BY Pete Herold **TOTAL DEPTH** 16 ft
WEATHER partly cloudy, 60s, light wind

PROJECT NAME Sabine Neches Placement Area 8
PROJECT LOCATION Port Arthur, TX
GROUND ELEVATION 9.8289 ft **HOLE SIZE** 8.25 inches
NORTHING 13893129.5 ft **EASTING** 3574742.114 ft
DRILLING RIG MAKE/MODEL Geoprobe 6620
GROUND WATER LEVEL ▽ **AT TIME OF DRILLING** 1.80 ft / Elev 8.03 ft
▽ 15 MINUTES AFTER DRILLING 1.80 ft / Elev 8.03 ft

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)
											LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX					
	CL	Lean CLAY with SAND, light brown, very soft, with cracks 4'-6'	0	ST	7.5		0	0.3										
		with sand seams 2'-10'		ST	21		0	0.2		30								
		more sand, fine grained, light brown	5	ST	18		0	0		27				59				
				ST	21		0	0.3	95	23					0.22	8		
		more clay, dark gray	10	ST	20		0	0.3	99	30	30	20	10	78				
				ST	22		0	0.6										
	CH	Fat CLAY, dark gray, very soft, with organic odor 12'-16'		ST	22		0	1.0		46	52	20	32					
			15	ST	22		0	1.0										

Bottom of borehole at 16.0 feet.