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BORING NUMBER 13-B185

PAGE 1 OF 1

CLIENT USACE-Galveston District
PROJECT NAME Sabine Neches Placement Area 8
PROJECT NUMBER W912HY-13-D-0001-DY05
PROJECT LOCATION Port Arthur, TX
DATE STARTED 11/5/2013 2:20:00 PM **COMPLETED** 11/5/2013 4:30:00 PM
GROUND ELEVATION 10.2072 ft **HOLE SIZE** 8.25 inches
DRILLING CONTRACTOR QRI
NORTHING 13887073.73 ft **EASTING** 3570286.814 ft
DRILLING METHOD Hollow Stem Auger
DRILLING RIG MAKE/MODEL Geoprobe 6620
LOGGED BY Pete Herold **TOTAL DEPTH** 16 ft
GROUND WATER LEVEL ☒ **AT TIME OF DRILLING** 1.60 ft / Elev 8.61 ft
WEATHER cloudy, windy, 70s ☒ **15 MINUTES AFTER DRILLING** 1.60 ft / Elev 8.61 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)
			0								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX					
	CH	Fat CLAY, light brown, soft, with sand seams 0'-4'		ST	7		0.5	3.25		55								
		very soft, with trace organics 2'-6'		ST	22		0	1.0	72	49								
		greenish gray, with a trace of roots 4'-6'	5	ST	8		0.2	1.0		39	55	30	25					
		less sand, with a trace of iron staining		ST	17		0	0.75		50								
			10	ST	19		0	0.75	57	74	84	23	61	97	0.07	14		
				ST	20		0	0.5										
		olive gray, with organic odor 12'-14'		ST	21		0	0.5	52	83								
			15	ST	20		0	1.5										

Bottom of borehole at 16.0 feet.