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BORING NUMBER 13-B187

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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 10/14/2013 10:45:00 AM **COMPLETED** 10/14/2013 12:50:00 PM **GROUND ELEVATION** 7.6596 ft **HOLE SIZE** 8.25 inches
DRILLING CONTRACTOR QRI **NORTHING** 13877680.8 ft **EASTING** 3575441.919 ft
DRILLING METHOD Hollow Stem Auger **DRILLING RIG MAKE/MODEL** Geoprobe 6620
LOGGED BY Terri Russin **TOTAL DEPTH** 16 ft **GROUND WATER LEVEL** ▽ **AT TIME OF DRILLING** 0.00 ft / Elev 7.66 ft
WEATHER partly cloudy, low 80s, slight breeze, humid **▽ 15 MINUTES AFTER DRILLING** 0.00 ft / Elev 7.66 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 (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	MINUS #200 SIEVE CONTENT (%)	COMPRESSIVE STRENGTH (tsf)	FAILURE STRAIN (%)	CONFINING PRESSURE (psi)
	CH	Fat CLAY, olive gray, very soft, with plant material	0	SS	2.5		0	0		84							
		with sand, sand is very fine grained, with iron staining		SS	16		0	0		55	53	18	35	72			
		no sand	5	ST	5		0	0.2		48	55	19	36	71			
		strong sulfide odor, full of vegetative matter		ST	23		0	0		92							
			10	SS	8		0	0.3		96							
				SS	12		0	0		95							
		light gray/yellow orange, with plant material and occasional caliche, stone and shell 12'-14', laminated		ST	18		0.3	-	90	32							
		soft, with iron staining and caliche dark gray, slight hydrocarbon odor	15	ST	20		0.2	1.7	84	35					96	0.30	8

Bottom of borehole at 16.0 feet.