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BORING NUMBER 13-B109

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CLIENT _____ PROJECT NAME Peggy Lake Placement Area
PROJECT NUMBER W912HY-13-D-0001; Task Order 0002 PROJECT LOCATION La Porte, Texas
DATE STARTED 3/15/2013 11:30:00 AM COMPLETED 3/15/2013 5:12:00 PM GROUND ELEVATION 13.8688 ft HOLE SIZE 8.25 inches
DRILLING CONTRACTOR Quaternary Resource Investigations, LLC NORTHING 13835335.36 ft EASTING 3216396.895 ft
DRILLING METHOD Hollow Stem Auger DRILLING RIG MAKE/MODEL Geoprobe 6610DT
LOGGED BY Terri Russin TOTAL DEPTH 30 ft GROUND WATER LEVEL _____
WEATHER sunny, cool, 50s - 70s, windy ☒ AT TIME OF DRILLING 6.00 ft / Elev 7.87 ft 3/15/2013 12:15:00 PM
sunny, cool, 50s - 70s, windy

J:\TOP\PEGGY LAKE PLACEMENT AREA 3, 9-27-13.GPJ

J:\GEOTECH BH - PEGGY LAKE TEMPLATE GDT - 10/2/13 10:39 - C:\DOCUMENTS AND SETTINGS\STR...

COPY OF PEGG

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 (%)	COMPRESSION STRENGTH (tsf)	FAILURE STRAIN (%)	CONFINING PRESSURE (psi)
	CH	CLAY, yellow orange, blocky, dry on top, high plasticity	0	ST	5		0.75/0	--/1.7							
	SM	Silty SAND, light brown, low plasticity, moist		ST	20		0.4/0	--/0.4	92	25	35	14	21	52	
	CH	CLAY, black, very soft, high plasticity	5	ST	19		0.25/0	1.1/0.6		53					
	SM	Silty SAND, light brown, low plasticity, wet, with wood inclusions		ST	20		0	0.7		28					
	SP-SC	SAND, light brown clayey, low plasticity, wet, black staining, wood fragments, some black clay inclusions	10	ST	21		0	0.8		29			41		
	CL	Silty CLAY, dark gray (lots of black staining), wet, with hard yellow orange clay inclusions and wood fragments		ST	17		0.3/0	--/0.9		86					
	CH	CLAY, dark gray to black, very moist to wet, strong hydrocarbon odor, high plasticity, with yellow orange clay inclusions		ST	24		0	0.9		90	96	24	72	94	
			15	ST	17		0	0.8		82					
				ST	23		0	0.5		88					
			20	ST	23		0	0.3	45	106	110	30	80		
				ST	21		0	0.3		103					
	CH	CLAY, dark gray, moist, soft, high plasticity, slight hydrocarbon odor		ST	24		0	0.6		98					
			25	ST	23		0	0.6							
				ST	22		0	0.5		98					
		olive gray color		ST	22		0	0.5							
			30												

Bottom of borehole at 30.0 feet.