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BORING NUMBER 13-B114

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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 3/29/2013 9:00:00 AM COMPLETED 3/29/2013 1:34:00 PM GROUND ELEVATION 14.2467 ft HOLE SIZE 8.25 inches
DRILLING CONTRACTOR Quaternary Resource Investigations, LLC NORTHING 13836536.29 ft EASTING 3215589.031 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, 60s - 70s, breezy to windy AT TIME OF DRILLING 8.00 ft / Elev 6.25 ft 4/12/2013 9:23:00 AM

KTOPIEGGY LAKE PLACEMENT AREA 3. 9-27-13.GPJ

GEO TECH BH - PEGGY LAKE TEMPLATE.GDT - 10/2/13 10:39 - C:\DOCUMENTS AND SETTINGS\TRU

COPY OF PEGGY

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)						
			0																				
	CL	Silty CLAY, light brown, some black hydrocarbon staining, moist, medium plasticity, dry and hard on the top, with rootlets		ST	13		3.2/1.7																
				ST	20		0/1.5	0.9/--		28								65					
			5	ST	9		0.75			38													
	SP	SAND, yellow orange grading to light grayd, medium grained, moist, no plasticity		ST	17			0.4/2.0			13												
				SS	24		2.25/0.5		57														
	CH	CLAY, light brown grading to yellow orange, moist, high plasticity, with caliche, blocky texture	10					0.3/0.65			32								93				
				ST	14			0/1.15	0.9/--	98	25												
				ST	19		0.75/1.25																
			15	ST	13		0.75/1.15		52														
				ST	19																		
				ST	18		1.25/0	--/2.3	101	26	55	19	36	84	0.6	14.7	0						
			20																				
	CH	CLAY, dark gray to black, very soft, moist, hydrocarbon odor		ST	21		0/2.0	1.1/--		39													
				ST	21		0/0.2	--/2.3		42													
			25	ST	6		0.45/1.25			30													
				ST	22		0/<0.25	1.0/1.6		72								93	27	66			
				ST	22		0/0	1.1/1.0															
			30																				

Bottom of borehole at 30.0 feet.