

BORING LOG NO. A-13

CLIENT: **United States Army Corps of Engineers
Galveston, Texas**

PROJECT: **Contract W912HY-09-D-0021
Addicks and Barker Dams, TO-14**

BORING LOCATION: **N: 13852655.727
E: 3038672.097**

SITE: **Addicks and Barker Reservoirs
Houston, Texas**

Graphic Log	DESCRIPTION	DEPTH, FEET	SAMPLES						TESTS							
			USCS SYMBOL	TYPE	RECOVERY, IN	SPT, BLOWS/FT	CALIBRATED HAND PENETROM., TSF	TORVANE, TSF	MOISTURE CONTENT, %	DRY DENSITY, PCF	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	MINUS #200 SIEVE, %	COMPRESSIVE STRENGTH, TSF	FAILURE STRAIN, %
Approx. Surface Elevation: 86.2 feet																
81.7	4.5	1	SM	SS	17	5		17								
		2														
		3		SS	13	15		13				33				
		4														
76.2	10.0	5	SC	SS	14	10		14	118							
		6														
		7		ST	6		4.5	14		37	15	22	30			
		8														
		9		SS	16	9		14				35				
		10														
Boring terminated at 10 feet.																

STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES. IN SITU, THE TRANSITION BETWEEN STRATA MAY BE MORE GRADUAL.

REMARKS: **Dry augered to 10 feet.**

WATER LEVEL OBSERVATIONS	
▽	▽
▽	▽
FREE WATER WAS NOT OBSERVED DURING DRY DRILLING OPERATIONS	



DATE DRILLED
9/26/2012
PROJECT NUMBER
92125125

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EXHIBIT A-16