

BORING LOG NO. B- 3

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

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

BORING LOCATION: **N: 13845248.284
E: 3028199.479**

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: 83.1 feet																
	SANDY LEAN CLAY dark gray, light gray, and tan, stiff to very stiff, medium plasticity, dry - with scattered roots 0 to 2 feet - with ferrous stains and calcareous nodules 2 to 8 feet	1	CL	ST	13		4.5		16							
		2														
		3		ST	11		4.5		14							
		4														
		5		ST	10		3.25		18	117	39	14	25	55		
		6														
		7		ST	12		1.5		15							
75.1	8.0	8														
	LEAN CLAY w/ SAND tan and light gray, very stiff, medium plasticity, dry, with ferrous stains and calcareous nodules Boring terminated at 10 feet.	9	CL	ST	10		3.25		14		37	14	23	89		
	73.1	10.0	10													

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

7/5/2012

PROJECT NUMBER

92125125

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EXHIBIT A-29