

## BORING LOG NO. A-7

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

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

BORING LOCATION: **N: 13853766.873  
E: 3039934.731**

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, %
	<b>Approx. Surface Elevation: 93.9 feet</b>															
1	<b>SANDY SILT</b> brown, very loose, non-plastic, dry	1.5	ML													
2	<b>SANDY LEAN CLAY</b> brown and gray, stiff, medium plasticity, dry, with sand fissures and scattered roots	4.0	CL	SS	18	2			16							
3				ST	9		2.0		19	104		64				
4	<b>FAT CLAY</b> gray and brown, very stiff, high plasticity, dry, with sand fissures	6.0	CH	ST	13				16	118	51	16	35			
5				SC	4		4.5		11							
6	<b>CLAYEY SAND</b> light gray, brown, and reddish brown, dense, medium plasticity, dry	10.0		ST	10		4.5		13	34	14	20	48			
7																
8																
9																
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-10