

BORING LOG NO. B-14

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

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

BORING LOCATION: **N: 13840731.09
E: 3029443.288**

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: 90.7 feet															
1	SILTY SAND tan and brown, loose, non-plastic, fine-grained, dry, with clay pockets	2.0	SM													
2			SS	12	9				7					45		
3	SANDY LEAN CLAY gray and tan, very stiff, medium plasticity, dry		CL													
4			ST	7		3.5			32							
5			ST	13		2.5			14	120	40	13	27	58		
6		6.0	SC													
7	CLAYEY SAND light gray, tan, and reddish brown, dense, medium plasticity, fine-grained, uniform, dry		ST	8		4.5			13			36	15	21	43	
8																
9			ST	9		4.5										
10	Boring terminated at 10 feet.	10.0														

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

7/3/2012

PROJECT NUMBER

92125125

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EXHIBIT A-40