

BORING LOG NO. B-16

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

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

BORING LOCATION: **N: 13840059.735
E: 3028860.094**

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: 91.8 feet																
89.8	SILTY SAND gray, loose, low plasticity, fine-grained, dry, with clay seams	2.0	SM	SS	8	8			12							
87.8	SANDY FAT CLAY gray and brown, stiff, with sand pockets	4.0	CH	ST	13		1.5		22	104	52	19	33	65		
	SANDY LEAN CLAY light gray, tan, and reddish brown, very stiff, medium plasticity, dry, with sand pockets		CL	ST	14		3.0		17							
				ST	10		4.5		13		35	13	22	53		
81.8		10.0		ST	11		4.0		15							
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

7/2/2012

PROJECT NUMBER

92125125

Page 1 of 1

B-16

EXHIBIT A-42