

BORING LOG NO. A-4

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

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

BORING LOCATION: **N: 13854390.726
E: 3040388.276**

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, %	CONFINING PRESSURE, PSI	
Approx. Surface Elevation: 90.3 feet																		
	FAT CLAY w/ SAND brown, gray, and yellowish brown, medium stiff to very stiff, high plasticity, dry - gray sandy silt 0 to 8 inches - with vertical sand seams 2 to 6 feet	1	CH	SS	8	4			12									
		2																
		3	ST	8		2.75		23	106	68	19	49	75					
		4																
		5	ST	14		4.5		11										
	84.3	6.0	6	CL														
		7	ST	12		4.5				40	13	27						
		8																
		9	ST	19		4.25		15										
	80.3	10.0	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

9/27/2012

PROJECT NUMBER

92125125

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EXHIBIT A-7