

ALEXANDER ISLAND BORING SUMMARY SHEET

BORING ID:	<u>13-B03</u>
BORING TYPE:	<u>Borrow Source</u>
DEPTH:	<u>15'</u>
ELEVATION:	<u>27.42'</u>
X (US SURVEY FT):	<u>3224781.02</u>
Y (US SURVEY FT):	<u>13829832.05</u>
DEPTH TO WATER:	<u>6.4'</u>

Client: USACE-Galveston District Boring: 13-B03 Page 1 of 1
 Date/Time Drilling Begun: 12.18.13/0830 Date/Time Drilling Ended: 12.18.13/1010
 Driller: J. New Logger: E. Ficker Designated X (Easting): 3224055
 Drill Rig: Mobile B57 Designated Y (Northing): 1382970 Z (Elevation):
 Total depth: 15.5 ft Initial Water Encounter (Depth, date/time): 6.6 ft 12.18.13 857 Water Depth (15 min.): 6.4 ft.

0830
 2'
 4'
 5'
 7'
 9'6"
 1010

Feet	USCS Log	Sample Interval (ft)	Amount Material Obtained (in)	Sample Type Blow Counts	Number of Tubes	Pocket Pene. (tsf)	Shear Strength (tsf)	Description (SOIL TYPE, color, moisture, plasticity, consistency, density, inclusions, etc.)
0	CH	0-2	14	ST	1 T	1.25	-	CLAY, Reddish Brown + Light Gray, Moist, High Plast, Mixed v. Light Grayish with SAND (F-C)
2-4	SM/SC	2-4	16	ST	1 C	-	-	Silty, Clayey, SAND (F-C), v. light Grayish Brown, Moist, Common Loose shell frags
4-5	SC	4-5	10	SS	1 B	-	-	Clayey SAND light Gray, Wet, Loose.
5-8	SM	8-10	12	SS	1 B	-	-	20 v. Silty Sand (FM), Wet, v. Loose, Light Gray
8-10	CH	8-10	12	3-2-2	1 B	-	-	9'6" - CLAY, Dk Gray to BLK, Moist, High Plast., Soft, Fine SA lams at base
10-11'6"	CH	10-12	15	ST	2 T	0.75	0.2	11'6" CLAY, Moist Grayish Brown, High Plast, Common roots, Med stiff, Fine SA lams at base
12-13'6"	CH	12-14	15	ST	2 T	1.5	-	CLAY Reddish Brown + Light Gray, Moist, High Plast, st:FF
13'6"-15'	SM	14-15.5	12	SS	1 B	0 to 0.75	-	13'6" Silty SAND + 14' Alternately/Mixed CLAY Reddish Brown, Moist, High Plast Med. stiff, with CLAY, Gray, Moist, High Plast, v. Soft, Clay separated by silty SAND (F-C)

Weather: Foggy, Calm, ~55°F B=bag, T=tube Drk=Dark Blk=Black SA=SAND
 Comments: F-C = fine to coarse grained Frags=fragments v.=Very Plast.=Plasticity lams=laminations

USCS Log Legend: GW GP GM GC SW SP SM SC ML CL OL MH CH OH PT

US Army Corps of Engineers, Southwestern Division
 Galveston District
 2000 Fort Point Road/P.O. Box 1229
 Galveston, TX 77553-1229

Alexander Island
 Houston Ship Channel
 Baytown, TX

QRI Quaternary Resource Investigations, L.L.C.
 Government & Industry in Harmony with the Environment
 13588 Florida Boulevard, Baton Rouge, Louisiana 70819

