

PRELIMINARY INVESTIGATIONS OF SUBMERGED AREAS

Delivery Order Number 023
Project A N W Refuge

Date 10/21/04

Location ID Number J-5

Coordinates: X 2635714
Y 13232637

Tide Staff Readings:
Time Reading

Water Depth 3.2
Pipe Length 15 13 lbs

Morning _____
Mid-Day _____
Evening _____

Push No. 1 Time 11:03

Weight of Pipe Penetration (WOP) 3.7

Comment soft + CL

One-Hand Push (40-lb) Depth 5.2

Comments soft + CL

5.2 to 5.4 SA Layer

One-Hand Push (70-lb) Depth 6.4

Comments SA CL

Two-Hand Push to Refusal - Depth 6.5

Comments shell

Fig 7.0 shell

Push No. 2 Time 11:17

Weight of Pipe Penetration (WOP) 4.5

Comment soft + CL

One-Hand Push (40-lb) Depth 6.0

Comments _____

One-Hand Push (70-lb) Depth 6.5

Comments soft + CL

Two-Hand Push to Refusal - Depth 7.1

Comments SA + shell

Fig 8.8 shell w/ SA

Hand Proving Ring Penetrometer Test? yes

Hand Vane Shear Test? _____

Technician (Probe Handler) mika A.

Recorder Gary L.

RTB 11/8/4

Project: Arkansas National Wildlife Ref. - BUS Site "J"
Location: Dunham Bay located outside of Rockport, TX
Delivery Order #: 0023
Date of Testing: 10/20/04 to 10/22/04

Probing Results

Resistance	Depth1'	Depth2'	MLT1'	MLT2'	Average
Weight of Pipe	3.7	4.5	-1.4	-2.2	-1.8
1 HP (40lbs)	5.2	6.0	-2.9	-3.7	-3.3
1 HP (70lbs)	6.4	6.5	-4.1	-4.2	-4.2
2 Hand Refusal	6.5	7.1	-4.2	-4.8	-4.5

[illegible]

Depth Vs. Shear Strength

◆ J5

