

PRELIMINARY INVESTIGATIONS OF SUBMERGED AREAS

Delivery Order Number 023

Date 10/22/24

Project ANW Refuge

Location ID Number J-2 4205

Tide Staff Readings:

Coordinates: N 13231469.922 NAD-83

Time Reading

E 2634805.987

Water Depth 1.2

Morning

Pipe Length 15 13 15

Mid-Day

Evening

Push No. 1 Time 9:13

Weight of Pipe Penetration (WOP) 1.2 Comment SA

One-Hand Push (40-lb) Depth 1.3 Comments SA

One-Hand Push (70-lb) Depth 1.3 Comments SA

Two-Hand Push to Refusal - Depth 1.4 Comments SA

Tig 2.0 SA

Push No. 2 Time 9:19

Weight of Pipe Penetration (WOP) 1.2 Comment SA

One-Hand Push (40-lb) Depth 1.3 Comments SA

One-Hand Push (70-lb) Depth 1.3 Comments SA

Two-Hand Push to Refusal - Depth 1.5 Comments SA

Tig 1.8 SA

Hand Proving Ring Penetrometer Test? yes

Hand Vane Shear Test?

Technician (Probe Handler) Mike A.

Recorder Gary L.

HAND CONE PENETRATION TEST (CPT)

Delivery Order Number 023
Project ANW Refugee

Date 10/22/04

Location ID Number J-2
Time 9:33

Weight of Proving Ring _____
Weight of Rod Section 13 135

Weight of Rod Penetration 1.3
Comments _____

Number of Rods 3

[illegible]

Comments _____

A69

Hand Cone Penetrometer Test and Analysis:

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	1.2	1.2	1.0	1.0	1.0
1 HP (40lbs)	1.3	1.3	0.9	0.9	0.9
1 HP (70lbs)	1.3	1.3	0.9	0.9	0.9
2 Hand Refusal	1.4	1.5	0.8	0.7	0.8

[illegible]

Depth Vs. Shear Strength

◆ J2

