

Hole No. 82-10							
DRILLING LOG		DIVISION S/W		INSTALLATION Golv P. 1.1		SHEET 1 OF 1 SHEETS	
1. PROJECT Neches Riv. Salt Water Barrier				10. SIZE AND TYPE OF BIT			
2. LOCATION (Coordinates or Station) Beaumont TX				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY U.S.C.E.C.				12. MANUFACTURER'S DESIGNATION OF DRILL Hand Oper			
4. HOLE NO. (As shown on drawing title and file number) 82-10				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED 3 Jan	
5. NAME OF DRILLER Black				14. TOTAL NUMBER CORE BOXES		UNDISTURBED -	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER		16. DATE HOLE STARTED 19 Feb 82 COMPLETED 19 Feb 82	
7. THICKNESS OF OVERBURDEN				17. ELEVATION TOP OF HOLE			
8. DEPTH DRILLED INTO ROCK				18. TOTAL CORE RECOVERY FOR BORING %			
9. TOTAL DEPTH OF HOLE 15.0				19. SIGNATURE OF INSPECTOR [Signature]			
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
			0.0 to 5.0 GR. CLCCN) SOFT to med		1-J		
	5.0		5.0 to 15.0 GR. SO. CLCCN) STIFF		2-J		
	10.0				3-J		
	15.0		Bottom 15.0				

Results of Tests of Foundation Material

Boring No.	Field No.	SWD No.	Depth ft.	Mechanical Analysis			Atterberg Limits			Water Content %	Dry Density lb/cu ft	Test		Description
				Gr	Sa	Fi	LL	PL	PI			Type	Plate	
82-8	S-3 (jar)	A-10 671	10.0-15.0	1	82	17	NP	NP	NP	45.3				SM SAND, silty, gray, wet.
82-9	S-1 (jar)	A-10 672	0.0- 5.0	0	20	80	64	17	47	55.4				CH CLAY, sandy, gray, very moist.
	S-2 (jar)	A-10 673	5.0-10.0							27.5				SC SAND, clayey, gray, very moist, some small roots.
	S-3 (jar)	A-10 674	10.0-15.0							28.2				SC SAND, clayey, gray, very moist.
82-10	S-1 (jar)	A-10 675	0.0- 5.0							51.9				CH CLAY, sandy, gray, very moist, some small roots.
	S-2 (jar)	A-10 676	5.0-10.0							29.3				SC SAND, clayey, gray, very moist.
	S-3 (jar)	A-10 677	10.0-15.0	0	83	17	NP	NP	NP	27.3				SM SAND, silty, gray, very moist, organic.
82-11	S-1 (ctn)	A-10 678	0.0- 2.5 *0.8							47.1	75			CL CLAY, gray, very moist, soft, organic, some roots.
	S-2 (ctn)	A-10 679	2.5- 5.0 *0.8	0	23	77	68	21	47	36.8	82	UC	47	CH CLAY, sandy, grayish brown, moist, soft.
	S-3 (jar)	A-10 680	5.0- 7.5							26.9				SM SAND, silty, gray, moist.
	S-4 (jar)	A-10 681	7.5-10.0							27.4				SP SAND, gray, wet.

*Actual length of sample in feet.

