



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-10

COLLECTION DATE 6/03/2022

PROJECT Texas Point National Wildlife Refuge Beach Nourishment Project

LOCATION Gulf of Mexico, Sabine Bank, TX

CLIENT Mott MacDonald (TXGLO & USFWS)

STATION NO. TXPVC21-10

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13754170

EASTING 3640289

GEOGRAPHICAL Decimal Degrees

COORDINATES Referenced to NAD 83

LATITUDE 29.464962

LONGITUDE 93.744288

CORE INSPECTOR Mike Brown (UNO)

CORE OPERATOR AMDRILL, INC.

CORE OVERSIGHT Jeff Pydeski (OSI)

MODEL OF CORER Pneumatic Vibratory Corer

CORE DIAMETER 3.5 - Inch

TOTAL PENETRATION 20.0'

TOTAL RECOVERY 19.1'

ELEVATION AT TOP OF CORE -24.4' NAVD 88

VC-ONLY 20.0'

VC (Jet to) N/A

DEPTH BELOW SEABED	ELEVATION NAVD88	SEDIMENT TYPE	NOTED SHELL FRAGS	VISUAL DESCRIPTION AND REMARKS Sediment descriptions based on Unified Soil Classification System	SUB- SAMPLE INTERVAL	% SHELL	% SAND (Median Grain Size in mm)	% SILT/CLAY	DEPTH BELOW SEABED
--------------------------	---------------------	------------------	-------------------------	--	----------------------------	---------	--	----------------	--------------------------

0	-25			(0.0 - 11.0') FINE SAND, yellowish gray (5y 7/2), massive bedding. Frequent shell clasts at 1.5-1.9', 2.65-2.85', and 6.2-6.6'. Bottom contact abrupt.	(0.0-0.2)	4.0%	96.0% (0.22)	-	0
1	-26								1
2	-27				(1.9-2.1)	23.6%	76.4% (0.21)	-	2
3	-28								3
4	-29				(3.9-4.1)	7.3%	92.7% (0.21)	-	4
5	-30								5
6	-31				(5.9-6.1)	18.3%	81.7% (0.21)	-	6
7	-32								7
8	-33				(7.9-8.1)	5.1%	94.8% (0.19)	0.1%	8
9	-34								9
10	-35				(9.9-10.1)	13.2%	85.9% (0.17)	0.9%	10
11	-36			(11.0 - 19.1') SANDY SILT and CLAY, light olive gray (5y 5/2), massive to poorly defined lenticular bedding that shows deformation possibly due to VC process. Bedding thickness 0.01' average when present (~11.8-13.5' and ~17.3-18.0'). Frequent shell clasts.					11
12	-37				(11.9-12.1)	N/A	84.1% (0.15)	15.9%	12
13	-38								13
14	-39				(13.9-14.1)	N/A	31.1% (0.05)	68.9%	14
15	-40								15
16	-41				(15.9-16.1)	N/A	54.4% (0.09)	45.6%	16
17	-42								17
18	-43				(17.9-18.1)	N/A	37.6% (0.06)	62.4%	18
19	-44								19
20									20