



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-18

COLLECTION DATE 6/02/2022

PROJECT Texas Point National Wildlife Refuge Beach Nourishment Project

LOCATION Gulf of Mexico, Sabine Bank, TX

CLIENT Mott MacDonald (TXGLO & USFWS)

STATION NO. TXPVC21-18

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13755001

EASTING 3650006

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.466048

LONGITUDE 93.713664

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 18.3'

ELEVATION AT TOP OF CORE -26.7' 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
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0	-27			(0.0 - 7.6') FINE SAND, yellowish gray (5y 7/2), massive bedding. Significant shell interval from 1.5-2.1' with 0.02-0.04' average size. Bottom contact gradational and not well defined.	(0.0-0.2)	7.6%	92.4% (0.24)	-	0
1	-28								1
2	-29				(2.3-2.5)	10.3%	89.7% (0.24)	-	2
3	-30								3
4	-31				(3.9-4.1)	5.0%	95.0% (0.21)	-	4
5	-32								5
6	-33				(5.9-6.1)	3.4%	96.6% (0.21)	-	6
7	-34								7
8	-35			(7.6 - 18.3') SANDY SILT and CLAY, light olive gray (5y 5/2), massive, lenticular (10.0-11.0'), and flaser bedding (11.0-18.3') with average thickness 0.02'. Deformation present from 8.8-11.2'. Moderate bioturbation from 10.2-16.7'. Frequent shell clasts throughout entire subinterval.	(7.9-8.1)	7.8%	69.8% (0.15)	22.4%	8
9	-36								9
10	-37				(9.9-10.1)	N/A	70.2% (0.13)	29.8%	10
11	-38								11
12	-39				(11.9-12.1)	N/A	50.8% (0.08)	49.2%	12
13	-40								13
14	-41				(13.9-14.1)	N/A	35.7% (0.05)	64.3%	14
15	-42								15
16	-43				(15.9-16.1)	N/A	32.3% (0.04)	67.8%	16
17	-44								17
18	-45				(17.9-18.1)	N/A	29.5% (0.04)	70.5%	18
19	-46								19
20									20