



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-20

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. TXPVC21-20

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13750494

EASTING 3635607

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.455440

LONGITUDE 93.759503

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 19.0'

ELEVATION AT TOP OF CORE -26.8' 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 - 8.7') FINE SAND, yellowish gray (5y 7/2), massive bedding. Significant shell intervals from 0.5-1.1'. Frequent bioturbation. Bottom contact not well defined (abrupt and gradational).	(0.0-0.2)	16.1%	83.9% (0.21)	-	0
1	-28								1
2	-29				(1.9-2.1)	6.3%	93.4% (0.18)	0.3%	2
3	-30								3
4	-31				(3.8-4.0)	5.6%	94.2% (0.19)	0.2%	4
5	-32								5
6	-33				(5.9-6.1)	2.9%	96.1% (0.18)	1.0%	6
7	-34								7
8	-35				(7.9-8.1)	4.3%	83.4% (0.17)	12.3%	8
9	-36			(8.7 - 19.0') SANDY SILT and CLAY, light olive gray (5y 5/2), no discernable bedding. A few sand intervals, most notably at 9.45-9.7' and 11.6-11.75'; abundant shell clasts and bioturbation. Subunit is also deformed throughout entire interval.					9
10	-37				(9.9-10.1)	N/A	80.7% (0.15)	19.3%	10
11	-38								11
12	-39				(11.9-12.1)	N/A	43.1% (0.06)	56.9%	12
13	-40								13
14	-41				(13.9-14.1)	N/A	30.7% (0.05)	69.3%	14
15	-42								15
16	-43				(15.9-16.1)	N/A	30.6% (0.04)	69.4%	16
17	-44								17
18	-45				(17.9-18.1)	N/A	26.4% (0.03)	73.6%	18
19	-46								19
20									20