



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-11

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. TXPVC21-11

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13755585

EASTING 3642887

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.468530

LONGITUDE 93.735931

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 16.3'

ELEVATION AT TOP OF CORE -25.6' 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	-26			(0.0 - 9.9') FINE SAND, yellowish gray (5y 7/2), massive bedding with frequent intervals of shell hash with an average size of 0.01'. Notable shell horizons at 2.6-2.8' and 8.4-9.3'. Bottom contact gradational.	(0.0-0.2)	4.3%	95.7% (0.22)	-	0
1	-27								1
2	-28				(1.9-2.1)	2.3%	97.7% (0.21)	-	2
3	-29								3
4	-30				(3.9-4.1)	3.3%	96.7% (0.21)	-	4
5	-31								5
6	-32				(5.9-6.1)	13.3%	86.7% (0.20)	-	6
7	-33								7
8	-34				(7.9-8.1)	10.5%	89.4% (0.20)	0.1%	8
9	-35								9
10	-36			(9.9 - 16.3') SANDY SILT and CLAY, light olive gray (5y 5/2), massive bedding with occasional clay lamination with an average thickness of 0.01'. Laminations bioturbated and deformed. Frequent shell clasts present.	(9.9-10.1)	19.5%	67.9% (0.17)	12.6%	10
11	-37								11
12	-38				(11.9-12.1)	N/A	56.9% (0.09)	43.1%	12
13	-39								13
14	-40				(13.9-14.1)	N/A	42.5% (0.06)	57.5%	14
15	-41								15
16	-42				(15.9-16.1)	N/A	34.1% (0.06)	65.9%	16
17	-43								17
18	-44								18
19	-45								19
20									20