



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-02

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. TXPVC21-02

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13757279

EASTING 3637764

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.473817

LONGITUDE 93.751776

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 20.0'

ELEVATION AT TOP OF CORE -21.6' NAVD 88

VC-ONLY 15.3'

VC (Jet to) 20.0' (~14.3')

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	-22			(0.0 - 20.0') FINE SAND, yellowish gray (5y 7/2), massive bedding. Core contains frequent shell intervals that diminish with depth. Mild rooting at 0.5-0.8'. Bioturbation at 9.5', 13.8', and 15.2-15.55'.	(0.0-0.2)	22.3%	77.7% (0.27)	-	0
1	-23								1
2	-24				(1.9-2.1)	22.5%	77.4% (0.26)	-	2
3	-25								3
4	-26				(3.9-4.1)	5.9%	94.1% (0.22)	-	4
5	-27								5
6	-28				(5.9-6.1)	3.2%	96.8% (0.20)	-	6
7	-29								7
8	-30				(7.9-8.1)	1.1%	98.9% (0.20)	-	8
9	-31								9
10	-32				(9.9-10.1)	4.5%	95.5% (0.21)	-	10
11	-33								11
12	-34				(11.9-12.1)	5.8%	94.2% (0.21)	-	12
13	-35								13
14	-36				(13.9-14.1)	4.6%	95.4% (0.21)	-	14
15	-37								15
16	-38				(15.5-15.7)	4.9%	94.8% (0.19)	0.3%	16
17	-39				(15.9-16.1)	12.1%	87.9% (0.21)	-	17
18	-40								18
19	-41				(17.9-18.1)	7.5%	92.4% (0.23)	-	19
20									20
					(19.8-20.0)	13.1%	86.8% (0.23)	-	