



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-08

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. TXPVC21-08

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13757865

EASTING 3644999

GEOGRAPHICAL Decimal Degrees

COORDINATES Referenced to NAD 83

LATITUDE 29.474531

LONGITUDE 93.728977

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 17.9'

ELEVATION AT TOP OF CORE -20.7' 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	-21			(0.0 - 17.9') FINE SAND, yellowish gray (5y 7/2), massive bedding. Light gray in color from 0.0-3.0' and yellowish gray transition into tan in the lower part of the core from 3.0-17.9'. Entire core has no apparent bedding with occasional intervals of shell clasts ranging in size 0.001-0.05'. Notable shell intervals: 0.4-0.8' (60% shell), 1.5-2.8' (50% shell), and 5.4-6.3' (20% shell).	(0.0-0.2)	4.8%	95.2% (0.26)	-	0
1	-22								1
2	-23				(1.9-2.1)	52.2%	47.8% (0.31)	-	2
3	-24								3
4	-25				(3.9-4.1)	6.3%	93.7% (0.25)	-	4
5	-26								5
6	-27				(5.9-6.1)	21.0%	79.0% (0.25)	-	6
7	-28								7
8	-29				(7.9-8.1)	2.6%	97.4% (0.22)	-	8
9	-30								9
10	-31				(9.9-10.1)	5.9%	94.1% (0.22)	-	10
11	-32								11
12	-33				(11.9-12.1)	5.9%	94.1% (0.23)	-	12
13	-34								13
14	-35				(13.9-14.1)	1.7%	98.3% (0.23)	-	14
15	-36								15
16	-37				(15.9-16.1)	6.7%	93.3% (0.23)	-	16
17	-38								17
18	-39				(17.7-17.9)	4.2%	95.8% (0.22)	-	18
19	-40								19
20									20