



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-19

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. TXPVC21-19

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13756398

EASTING 3652594

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.469559

LONGITUDE 93.705338

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 18.0'

ELEVATION AT TOP OF CORE -27.5' 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	-28			(0.0 - 8.8') FINE SAND, yellowish gray (5y 7/2), massive bedding. Frequent shell clasts in upper 3.0' of core. Noteable shell deposit from 1.2-2.55' consisting of shell fragments with an average size of 0.01'. Bottom contact abrupt.	(0.0-0.2)	11.3%	88.7% (0.27)	-	0
1	-29				(1.0-1.2)	11.5%	88.5% (0.25)	-	1
2	-30				(1.9-2.1)	69.8%	30.2% (0.28)	-	2
3	-31				(2.8-3.0)	4.8%	95.2% (0.23)	-	3
4	-32				(3.9-4.1)	8.0%	92% (0.23)	-	4
5	-33								5
6	-34				(5.9-6.1)	6.7%	93.3% (0.22)	-	6
7	-35								7
8	-36				(7.8-8.0)	6.5%	93.5% (0.21)	-	8
9	-37								9
10	-38			(8.8 - 18.0') SILTY SAND and CLAY, light olive gray (5y 5/2), massive to horizontal bedding that shows deformation. Entire subinterval contains frequent shell fragments and clasts. Horizontal bedding at 14.3-14.6' and 16.3-16.7' with and average thickness of 0.04'.	(9.9-10.1)	N/A	62.9% (0.11)	37.2%	10
11	-39								11
12	-40				(11.9-12.1)	N/A	61.2% (0.1)	38.9%	12
13	-41								13
14	-42				(13.9-14.1)	N/A	38.4% (0.05)	61.6%	14
15	-43								15
16	-44				(15.9-16.1)	N/A	21.0% (0.04)	79.1%	16
17	-45								17
18	-46				(17.8-18.0)	N/A	31.0% (0.05)	69.0%	18
19	-47								19
20									20