



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-05

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. TXPVC21-05

GRID COORDINATES Texas S Central (4204)

US Survey Foot

NORTHING 13755887

EASTING 3639310

GEOGRAPHICAL
COORDINATES Decimal Degrees
Referenced to NAD 83

LATITUDE 29.469802

LONGITUDE 93.747119

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 -22.1' NAVD 88

VC-ONLY 14.4'

VC (Jet to) 20.0' (~13.3')

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				(0.0 - 16.5') FINE SAND, yellowish gray (5y 7/2), massive bedding. Numerous intervals with abundant shell hash. Single lamination consisting of coarse grain shell fragments at 9.8'. Significant shell lag at 14.4-15.05'. Bottom contact abrupt.	(0.0-0.2)	12.6%	87.3% (0.25)	-	0
1	-23								1
2	-24				(1.9-2.1)	34.8%	65.2% (0.22)	-	2
3	-25								3
4	-26				(3.9-4.1)	11.8%	88.2% (0.23)	-	4
5	-27								5
6	-28				(5.9-6.1)	1.8%	98.2% (0.20)	-	6
7	-29								7
8	-30				(7.9-8.1)	6.0%	94.0% (0.21)	-	8
9	-31								9
10	-32				(9.9-10.1)	7.5%	92.5% (0.21)	-	10
11	-33								11
12	-34				(11.9-12.1)	3.4%	96.6% (0.20)	-	12
13	-35								13
14	-36				(13.7-13.9)	6.3%	93.7% (0.20)	-	14
15	-37				(14.0-14.2)	11.9%	88.1% (0.22)	-	14
16	-38				(15.9-16.1)	37.1%	62.8% (0.21)	0.1%	16
17	-39			(16.5 - 20.0') SANDY SILT and CLAY, olive gray (5y 5/2), massive bedding with frequent shell clasts, moderate bioturbation.					17
18	-40				(17.9-18.1)	N/A	76.8% (0.16)	23.2%	18
19	-41								19
20	-42				(19.8-20.0)	N/A	68.1% (0.13)	31.9%	20