



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-16

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. TXPVC21-16
GRID COORDINATES Texas S Central (4204)
US Survey Foot
NORTHING 13752462
EASTING 3641255
GEOGRAPHICAL COORDINATES Decimal Degrees
Referenced to NAD 83
LATITUDE 29.460151
LONGITUDE 93.741496
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 16.9'

ELEVATION AT TOP OF CORE -27.4' 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 - 10.0') FINE SAND, yellowish gray (5y 7/2), massive bedding with a few horizontal beds with an average thickness of 0.03' from 2.6-2.9'. Frequent shell intervals; notable shell intervals at 0.4-0.6' and 3.75-3.9'. Deformation from 5.9-9.0'. Bottom contact gradational.	(0.0-0.2)	6.9%	93.1% (0.22)	-	0
1	-29								1
2	-30				(1.9-2.1)	4.0%	95.8% (0.19)	0.2%	2
3	-31								3
4	-32				(3.9-4.1)	7.9%	82.1% (0.18)	10.0%	4
5	-33								5
6	-34				(5.9-6.1)	3.3%	96.0% (0.18)	0.7%	6
7	-35								7
8	-36				(7.9-8.1)	N/A	84.7% (0.17)	15.4%	8
9	-37								9
10	-38				(9.9-10.1)	N/A	76.8% (0.15)	23.3%	10
11	-39			(10.0 - 16.9') SILTY SAND and CLAY, light olive gray (5y 5/2), massive bedding and bioturbated from 10.6-16.0'. Shell lag at 13.8-13.9'. Shell fragments throughout entire subinterval.					11
12	-40				(11.9-12.1)	N/A	60.9% (0.11)	39.1%	12
13	-41								13
14	-42				(13.9-14.1)	N/A	31.8% (0.04)	68.2%	14
15	-43								15
16	-44				(15.9-16.1)	N/A	33.4% (0.05)	66.7%	16
17	-45								17
18	-46								18
19	-47								19
20									20