



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-13

COLLECTION DATE 6/02/2022
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. TXPVC21-13
GRID COORDINATES Texas S Central (4204)
US Survey Foot
NORTHING 13756701
EASTING 3649038
GEOGRAPHICAL COORDINATES Decimal Degrees
Referenced to NAD 83
LATITUDE 29.470833
LONGITUDE 93.716462
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 -24.1' NAVD 88
VC-ONLY 9.8'
VC (Jet to) 20.0' (~8.0')

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	-25			(0.0 - 12.0') FINE SAND, yellowish gray (5y 7/2), massive bedding. Upper core contains numerous shell clasts with an average size of 0.02' (0.0-2.3'). Other shell fragment deposits at 3.7-3.9' and 6.2-7.65'. Frequent shell clasts throughout entire subinterval. Bottom contact sharp.	(0.0-0.2)	28.5%	71.5% (0.29)	-	0
1	-26				(1.9-2.1)	16.0%	84.0% (0.25)	-	1
2	-27				(3.9-4.1)	3.7%	96.3% (0.23)	-	2
3	-28				(5.9-6.1)	3.3%	96.7% (0.24)	-	3
4	-29				(7.9-8.1)	3.1%	96.9% (0.23)	-	4
5	-30				(9.8-10.0)	9.4%	90.6% (0.25)	-	5
6	-31				(10.0-10.2)	12.1%	87.9% (0.23)	-	6
7	-32				(11.9-12.1)	N/A	80.5% (0.16)	19.5%	7
8	-33				(13.9-14.1)	N/A	63.5% (0.11)	36.5%	8
9	-34				(15.9-16.1)	N/A	56.0% (0.09)	44.0%	9
10	-35				(17.9-18.1)	N/A	23.8% (0.02)	76.2%	10
11	-36				(19.8-20.0)	N/A	25.1% (0.04)	75.0%	11
12	-37			(12.0 - 20.0') SANDY SILT and CLAY, light olive gray (5y 5/2), massive to lenticular bedding, average bed thickness of 0.01'. Bedforms highly deformed. Frequent shell clasts.					12
13	-38								13
14	-39								14
15	-40								15
16	-41								16
17	-42								17
18	-43								18
19	-44								19
20	-44								20