



Ocean Surveys, Inc.

CORE LOG

CORE NO. TXPVC21-07

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. TXPVC21-07
GRID COORDINATES Texas S Central (4204)
US Survey Foot
NORTHING 13757151
EASTING 3643688
GEOGRAPHICAL COORDINATES Decimal Degrees
Referenced to NAD 83
LATITUDE 29.472732
LONGITUDE 93.733195
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 19.8
TOTAL RECOVERY 19.8'

ELEVATION AT TOP OF CORE -23.3' NAVD 88
VC-ONLY 12.3'
VC (Jet to) 19.8' (~10.0')

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	-24			(0.0 - 13.7') FINE SAND, yellowish gray (5y 7/2), massive bedding with occasional horizontal bedding from 8.4-8.9'. Mild bioturbation from 9.4-9.9'. Abundant shells in upper core, shell content decreases with depth. Bottom contact abrupt.	(0.0-0.2)	17.0%	83.0% (0.26)	-	0
1	-25				(1.9-2.1)	13.0%	87.0% (0.24)	-	1
2	-26				(3.9-4.1)	4.4%	95.6% (0.23)	-	2
3	-27				(5.9-6.1)	4.1%	95.9% (0.22)	-	3
4	-28				(7.9-8.1)	3.3%	96.7% (0.23)	-	4
5	-29				(10.6-10.8)	4.0%	96.0% (0.21)	-	5
6	-30				(11.9-12.1)	9.3%	90.7% (0.23)	-	6
7	-31				(13.4-13.6)	9.3%	90.7% (0.22)	-	7
8	-32				(13.9-14.1)	N/A	55.8% (0.09)	44.2%	8
9	-33				(15.9-16.1)	N/A	39.4% (0.06)	60.6%	9
10	-34				(17.9-18.1)	N/A	37.2% (0.06)	62.8%	10
11	-35				(19.6-19.8)	N/A	33.9% (0.05)	66.1%	11
12	-36								12
13	-37								13
14	-38								14
15	-39								15
16	-40								16
17	-41								17
18	-42								18
19	-43								19
20	-43								20