

NAME SS-86-9 Run 1 of 1 STRUCT. SETTING Delta Plain - offshore

LOCATION Offshore Timbalier Island DESCRIBED BY: J. Luter

DATE 11/24/86

UNIT Holocene

| SEDIMENTARY TEXT. & STRUCTURES | INTERVAL DEFORMATION | BASIC ROCK TYPE | COLOR | BED THICK. | | | | STRATIFI- CATION TYPE | | | | BURROWING | SHELL CONTENT | SAMPLE RADIOGRAPH PHOTOGRAPH PEEL | COMMENTS | |
|-----------------------------------|-------------------------|-----------------------|-------|----------------|-------|--------|---------|-----------------------------|-----------|---------|--------------|-----------|---------------|--|----------|---|
| | | | | AV. GRAIN SIZE | < 1cm | 1-10cm | 10-30cm | > 30cm | LAMINATED | RIPPLES | Small X Beds | | | | | Large X Beds |
| 10075 50 25 0 TOP | | | | | | | | | | | | | | | | |
| | 1 | | | 2.5 3φ | | | | | | | | | | | | Massive fine sand shell hash minor |
| | 2 | | | 3φ | | | | | | | | | | | | Mud filled burrows, Shell hash decreasing + Ophiuroid burrows Mud-filled, sand filled Mud-filled burrows |
| | 3 | | | 2.5 3φ | | | | | | | | | | | | 3 2 cm lenticular sand beds w/ ripple x. beds, heavy min 240 Large (4 cm) single-valve Rangia + Crassostrea shells Shell hash beds - various mollusk and gast. shells occur, some in whole, up to 1 cm 250 Abrupt transition to shell hash beds |
| | 4 | | | 2.5 3φ | | | | | | | | | | | | Well-sorted x-bedded sand w/ minor burrowing, shell hash Rapid gradational transition from shell hash beds to sand |
| | 5 | | | 2.5 3φ | | | | | | | | | | | | Zone of large, up to 7 cm Crassostrea valves + opercula 485 Scams. of Crass. lag |
| | 6 | | | 2.5 3φ | | | | | | | | | | | | Shell hash w/ sand 532 Scams w/ shell Med-fine sand w/ oca. burrowing, shell hash Shell hash beds, molluscs + gast. 2 casing + w. clay, max size = 3 cm 589 Shallow occasional oca. |
| | 7 | | | 2.5 3φ | | | | | | | | | | | | 620 2x3 cm shell hash filled burrows 648 Scams w/ 1 cm shell hash lag. Oxidized zone - Red-brown layers Massive, bioturbated sandy clay w/ vestiges of lamination 4 cm Haugrud midburrow |
| | 8 | | | 2.5 3φ | | | | | | | | | | | | Hy. min + shell hash Wood chip layer 2 ft 2 lignites acc. of hy. min |

NAME SS-86-9 Run 1 of 1 (p.2) STRUCT. SETTING _____

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DATE 11/24

UNIT Holocene

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| % SAND 100 75 50 25 0 | | | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | |

COMMENTS

no whole, hinged in place Rangia shells, ~4 cm length, Rangia sand - occasional construct, burrowed

Highly bioturbated - sand + mud
Filled burrows

Many - lenticular sand/mud interbeds
Sand beds → in #, thickness &

965 cm

Bottom