# LOUISIANA GEOLOGICAL SURVEY

## VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: 55-86-22 R 1 of 2 DESCRIBED BY: J. Suter

LOCATION: offshore Whiskey Pass, Isles Dernieres DATE: 11-15-87

SEDIMENTARY TEXTURE & STRUCTURES — % SAND: 100 50 0

INTERVAL | DEFORMATION | SED. TYPE | BED THICKNESS: < 1 cm; 1–10 cm; 10–30 cm; > 30 cm | COLOR | AV. GRAIN SIZE | BURROWING | SHELL CONTENT | % ORGANIC | STRATIFICATION TYPE: LAMINATED; WAVY; LENTICULAR; SM X BEDS; LG X BEDS; MASSIVE; Low ∠ Lams; Flaser | SAMPLE: GRAIN-SIZE; PEEL; RADIOMETRIC; RADIOGRAPH; PHOTOGRAPH

Top

Gry

2-3φ

2.5/3φ

~3φ

~4φ <

Gry

Gry

Gry

Bthm

610 cm

COMMENTS

Well sorted, sub angular to subrounded
Burrowed contact
Mulinia shells give suggestion of possible low ∠ bedding
- Flaser bed ?
- Shell bed, whole & frags
- Shells common
125-120 shell bed - mostly Mulinia mostly whole, erosional base
- Shell bed - erosional base & top
Intricate sand filled burrows
- Shell bed ~ 1cm
- Shell lag
- 1 cm pecten valve
Laminated muds with lenticular sands, up to 3 cm thick; some flasers
Flaser beds
- 302 to 308 detrital organic bed (14C sample)
Silty Sand
- burrowed zone
- mica flakes
Heavily burrowed, intricate, sand filled
A few large Mulinia valves
* - 412/415 Fine shell hash, coffee grounds, 1/4 cm Divocardium
Laminations seen by orientation of organics - very subtle, would be easily say massive
Heavily bioturbated, shells abundant
- 5 mm shell hash bed
* - 4 cm sand filled burrow
- Divocardium valve (14C sample)
* - ~10 cm x 5 mm mud-filled V. burrow
Laminations present, obscured by burrowing

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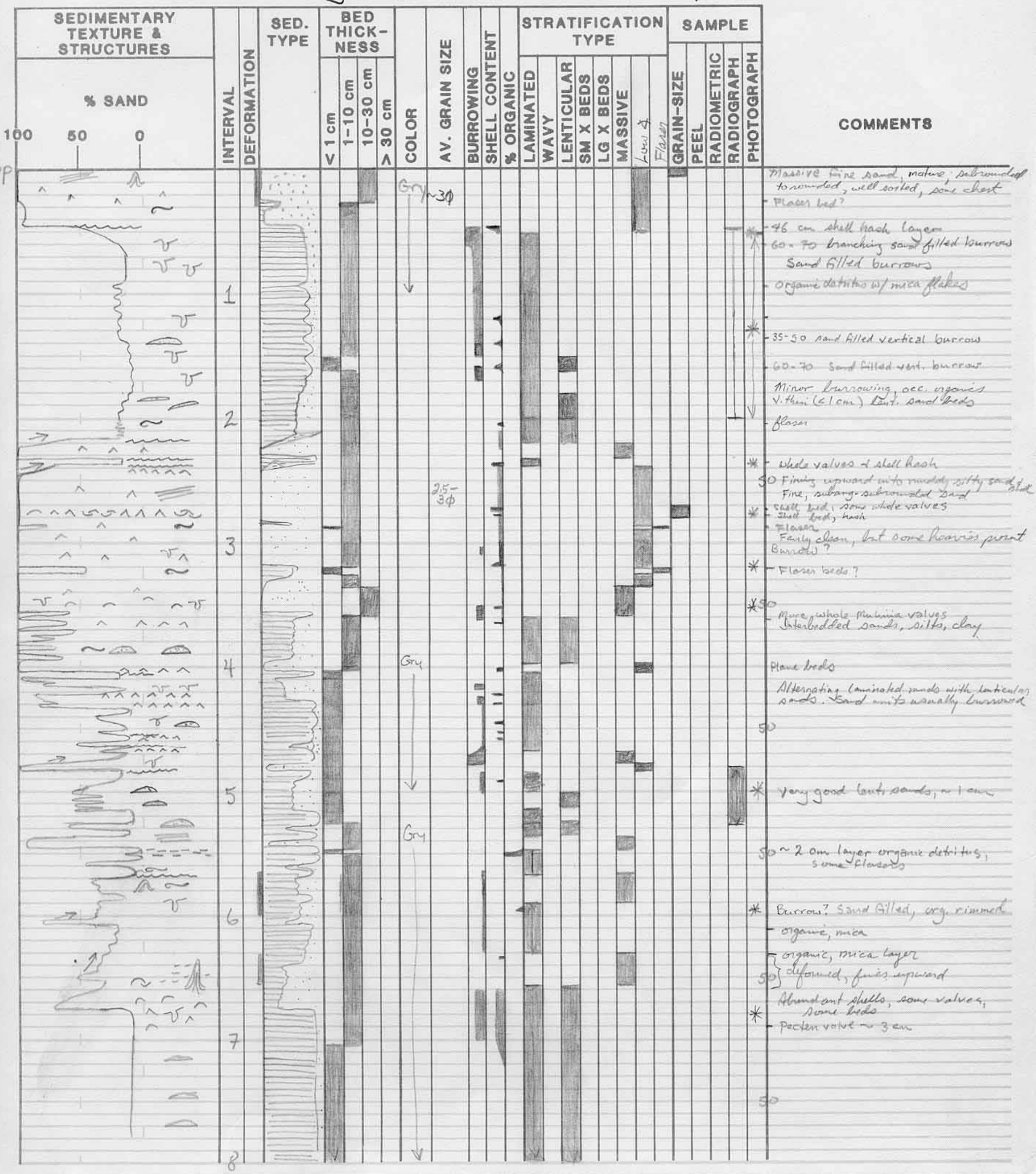


Massive fine sand, mature, subrounded to rounded, well sorted, some chert
- Placer bed?
- 46 cm shell hash layer
- 60-70 branching sand filled burrows
Sand filled burrows
- organic detritus w/ mica flakes
- 35-50 sand filled vertical burrow
- 60-70 Sand filled vert. burrow
Minor burrowing, occ. organics
V. thin (< 1 cm) Lent. sand beds
- flaser
- whole valves + shell hash
50 Fining upward into muddy, silty sand
Fine, subang.-subrounded sand
- shell bed; some whole valves
- shell bed, hash
- flaser
Fairly clean, but some heavies present
Burrow?
- Flaser beds?
50
- More whole Mulinia valves
Interbedded sands, silts, clay
Plane beds
Alternating laminated sands with lenticular sands. Sand units usually burrowed
50
- very good lent. sands, ~ 1 cm
50 ~ 2 cm layer organic detritus, some flasers
- Burrow? Sand filled, org. rimmed
- organic, mica
- organic, mica layer
50 deformed, fines upward
Abundant shells, some valves, some beds
- Pecten valve ~ 3 cm
50

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| SEDIMENTARY TEXTURE & STRUCTURES (% SAND: 100 — 50 — 0) | INTERVAL | DEFORMATION | SED. TYPE | BED THICKNESS: < 1 cm | 1–10 cm | 10–30 cm | > 30 cm | COLOR | AV. GRAIN SIZE | BURROWING | SHELL CONTENT | % ORGANIC | STRATIFICATION TYPE: LAMINATED | WAVY | LENTICULAR | SM X BEDS | LG X BEDS | MASSIVE | SAMPLE: GRAIN-SIZE | PEEL | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| | | | | | | | | Gry | | | | | | | | | | | | | | | 50 | Finely laminated sand, silt, and clay, lenticular beds as less than 1 cm. Rare wavy beds. |
| | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | Btm 986 cm |