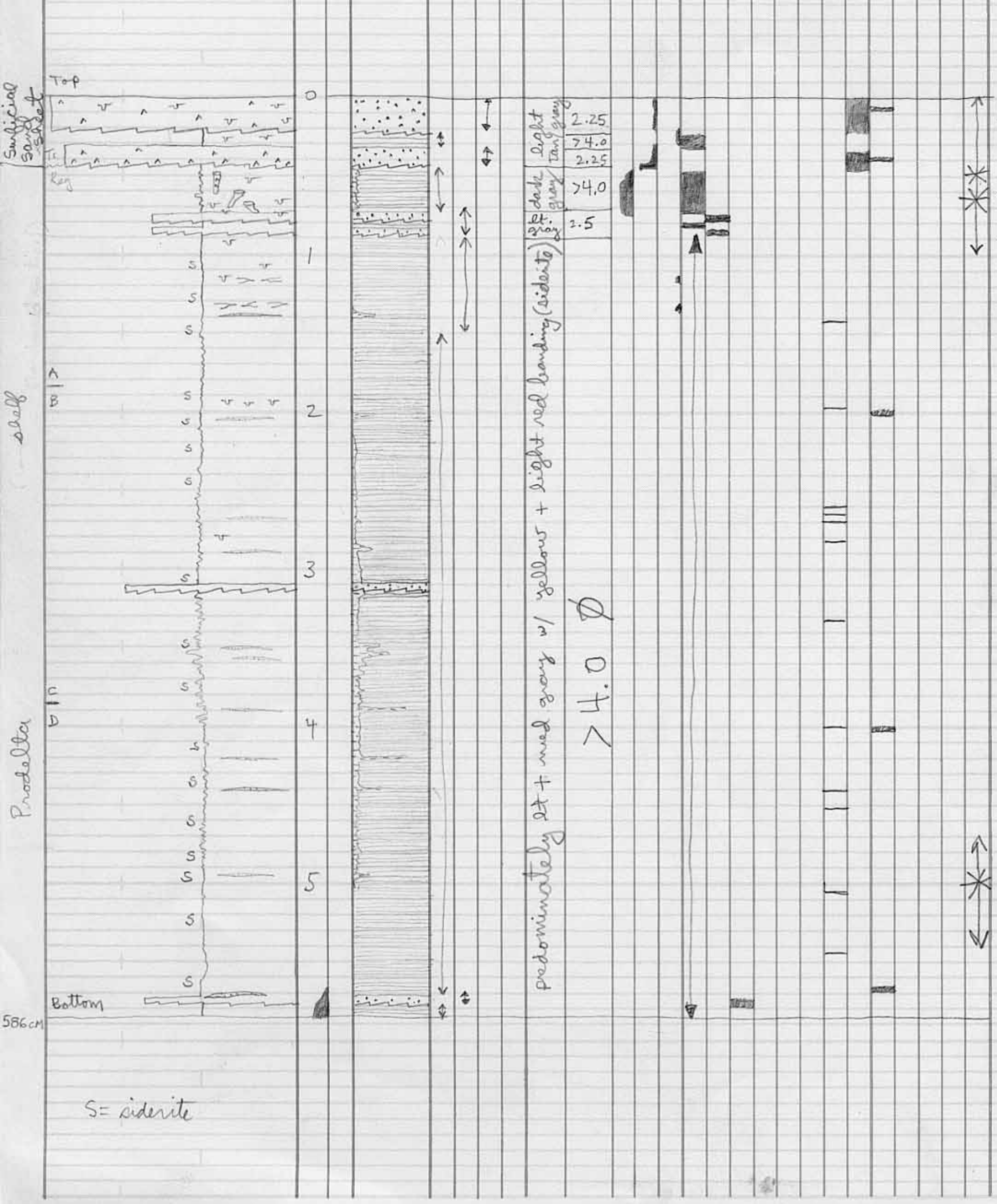
# LOUISIANA GEOLOGICAL SURVEY

## VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CI-87-27 RUN 1 (586 cm) DESCRIBED BY: R.A McBride

LOCATION: Seaward of Grand Gosier Is - 47' $H_2O$ Depth DATE: 10/8/89

| SEDIMENTARY TEXTURE & STRUCTURES (% SAND 100 50 0) | INTERVAL (M) | DEFORMATION | SED. TYPE | BED THICKNESS: <1 cm | 1–10 cm | 10–30 cm | >30 cm | COLOR | AV. GRAIN SIZE (Ø) | BURROWING | SHELL CONTENT | % ORGANIC | STRATIFICATION TYPE: LAMINATED | WAVY/horiz. | LENTICULAR | SM X BEDS | LG X BEDS | MASSIVE | sandy silt stringers | bedding destroyed by bioturbation | SAMPLE: GRAIN-SIZE | PEEL | RADIOMETRIC | RADIOGRAPH | PHOTOGRAPH | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | |




Unit 2 0-44 cm (0.44 M)
- bioturbation destroys bedding in sand
- shell lits + hash present (<10%)

Unit 1 44-586 cm (5.42 M)
- laminated light + med gray clays w/ yellow siderite banding
- no shells present
- intense burrowing at top w/ silty sand-filled burrows 4-9 cm long, 0.5-2.0 cm wide

S= siderite

# LOUISIANA GEOLOGICAL SURVEY

## VIBRACORE DESCRIPTION SHEET

CORE IDENTIFICATION: CL-87-27-R2 of 2 DESCRIBED BY: Brooks

LOCATION: Due East Grand Gosier Is., S. of Chandeleur DATE: 10/10/89

| SEDIMENTARY TEXTURE & STRUCTURES (% SAND 100 50 0) | INTERVAL (m) | DEFORMATION | SED. TYPE | BED THICKNESS (< 1 cm; 1–10 cm; 10–30 cm; > 30 cm) | COLOR | AV. GRAIN SIZE (Φ) | BURROWING | SHELL CONTENT | % ORGANIC | STRATIFICATION TYPE (LAMINATED; WAVY; LENTICULAR; SM X BEDS; LG X BEDS; MASSIVE) | SAMPLE (GRAIN-SIZE; PEEL; RADIOMETRIC; RADIOGRAPH; PHOTOGRAPH) | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | | | | | | | | | | | 0-100 cm - gas escape structures |
| | | | | | | | | | | | | 0-215 cm - irregular laminations mostly 1-10cm or 10-30cm silty-clay |
| | 2 | | | | | 3.5 | | | | | | 215-220, 225-230 sand stringers w/ mud laminae |
| | | | | | | | | | | | | 230-460, irregular laminations 2 cm to 1-10 cm silty clay |
| | 3 | | | | | >4Φ | | | | | | |
| | 4 | | | | med. gray w/ irregular dark gray & yellow banding | >4Φ | | | | | | |
| Prodelta | | | | | | 3.5Φ | | | | | | 460-490 slightly graded over interval crack right at basal contact |
| Basement? | 5 | | | | | >4Φ | | | | | | 510-515 X-beds |
| | | | | | | 3.5Φ | | | | | | 515-617, Irregular laminations 2 cm to 1-10 cm some micro faulting. - may be artifact of coring? |
| | 6 | | | | med. gray | >4Φ | | | | | | 617 |