UNIVERSITY OF NEW ORLEANS

DEPARTMENT OF GEOLOGY AND GEOPHYSICS

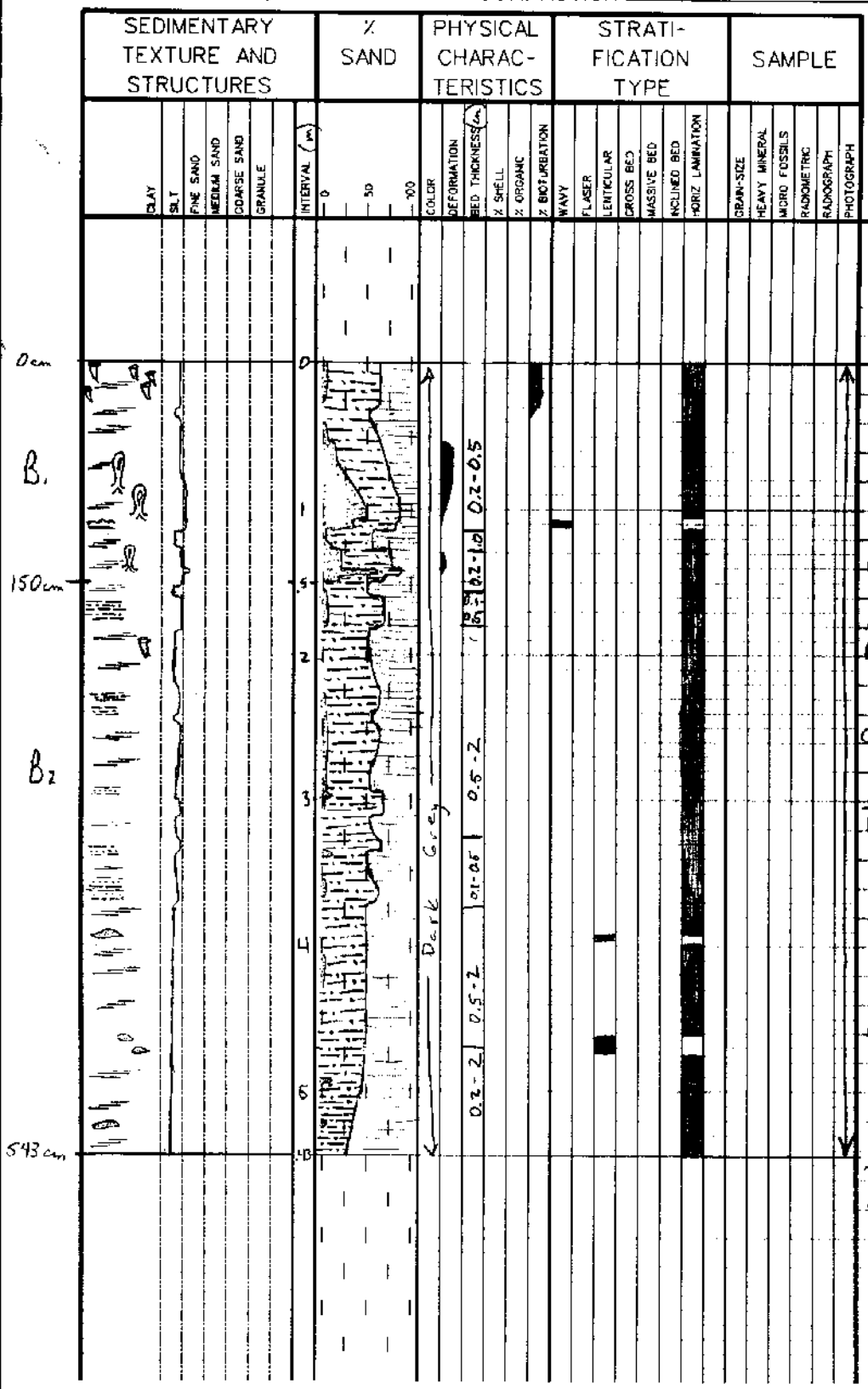
VIBRACORE DESCRIPTION SHEET

CORE ID: BSS-00-104 DATE: 6/22/00 DESCRIBED BY: Phil

ELEVATION: (-27.2') -8.29 m LOCATION: (pvc 78a) offshore, Sandy Point

CORE LENGTH: 5.43 m LAT/LONG: 29° 9.680' / 89° 30.981'

TOTAL DEPTH: (18.67') 5.69 m COMPACTION: 0.26 m



PHYSICAL DESCRIPTION

Unit B_1 : 0-150 cm

Fining upward, grey to dark grey, muddy sand to silty mud unit.

Bedding is laminated except at 108-112 cm, where it is wavy

2 sub-units

- sandy @ 150-127, becoming clayey silt
- sandy @ 113-70cm, becoming clayey silt above

Heavy deformation @ 55-100cm, distorting lamination

Mild deformation @ 130-140 cm.

Bioturbation minimal through most of unit, becoming very heavy @ 0-30 cm.

Contact with B_2 intercollated.

Unit B_2: 150-543 cm

Dark grey, laminated, clayey silt to silty clay unit.

Lenticular sands @ 523 cm, 442-474, 393-396 cm

Interlayered muds and sands or rich silts frequent through unit.

Bioturbation not apparent through unit.

0-70 cm: CL

70-150 cm: ML

150-543 cm: CL