GC 2

# USGS CORE STATION LOG

SHIP/LEG F7-91-WP

STATION # 8

CORE # 2

DEPTH(m) on bottom 2550

DEPTH(m)corrected

TYPE OF STORAGE: DRY ___ COLD X FROZEN ___

SEDIMENTARY STRUCTURES

DATE JD 201 LOCAL 20 July 1991

TIME GMT 0802-0851 LOCAL 1902-1951

LATITUDE ___ TO 9°09.5

LONGITUDE ___ TO 141°57.0

TOTAL CORE LENGTH

## CORE DESCRIPTIONS

| DEPTH INTERVAL | SUBSAMPLES | | LITHOLOGY |
|---|---|---|---|
| Sec 1 | Paleo | XRD/smearslide | |
| 5-6cm 1 | X | X | |
| 77-78 cm 2 | X | X | |
| 145-146 3 | X | X | |
| Sec 2 | | | |
| ~~[illegible]~~ | ~~X~~ | ~~X~~ | |
| 235-236.5 4 | X | X | |
| 2C2 0-1cm Top Grab | X | | |
| 30 min on deck | | | |

# VISUAL CORE DESCRIPTION

| LOCATOR | SAMPLE NO. | SEC. |
|---|---|---|
| F 7 9 1 W P | G C 2 | 0 1 |

| STATION# | OBSERVER |
|---|---|
| 0 8 | |

massive pale brown
Carbonate ooze

medium brown
Carbonate ooze w/
cream sparce to moderate
burrows - mostly planolites

sample got brown host + white burrow

black flecks scattered
Through lower
2 beds.

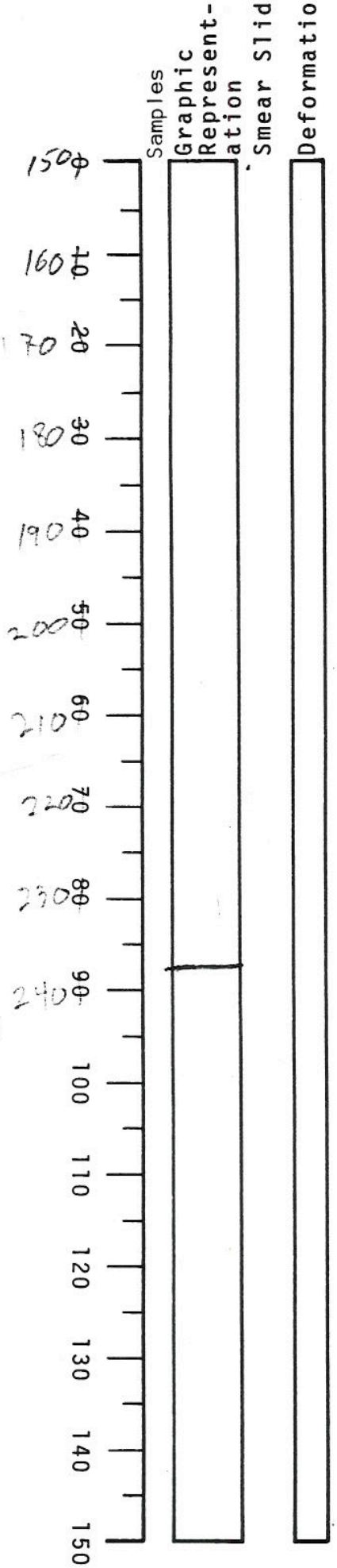
Pale brown, massive
rare burrows
Carbonate-volcaniclastic ooze -
dominantly

less Carbonate
than beds
1 + 2

# VISUAL CORE DESCRIPTION

| LOCATOR | SAMPLE NO. | SEC. |
|---|---|---|
| F7 91 WP | GC2 | 02 |

| STATION# | OBSERVER |
|---|---|
| 08 | HEIN |




Same as bed 3

Pale brown,
massive

sparce burrows

subtle bedding

all Carbonate ooze
minor volcaniclastic component

Photos say core 3 instead of core 2

Bottom 238.5 cm

# GC-2

Lat. 09° 09.52' N
Long. 141° 57.00' E

Depth: 2550 m
Length: 238.5 cm

| Age | Scale (cm) | Sample Interval | Color (Munsell) | Smear slide composition | X-ray mineralogy | Comments |
|---|---|---|---|---|---|---|
| No data for #1 | 0 | 1 | | [Nannos, forams, rads, diatoms, spicules] | Major / Moderate / Minor<br>Calcite / — / Halite | |
| | 10 | 2 | | | | Massive pale brown carbonate ooze. ↑ 8pt |
| | 20 | | | | | |
| | 30 | | | | | |
| | 40 | | | | | |
| | 50 | | | take out color - do we want graphic lithos for burrows - or new burrow designations | | Medium brown carbonate ooze with sparse to moderate burrows, mostly planolites; various amounts of siliceous microfossils move over |
| | 60 | | | | | |
| | 70 | | | Nannos, forams, rads, diatoms | | |
| | 80 | 3 | | | Calcite / — / Amorphous Halite, Qtz | Brown host, white burrows |
| | 90 | | | | | |
| | 100 | | | | | Black flects scattered through lower two beds |
| Quaternary | 110 | | | | | |
| | 120 | | | | | |
| | 130 | | | | | |
| | 140 | | | Nannos, forams ~~rads, diatoms, tube glass~~ | Calcite - Halite, Qtz | Nannofossil ooze |
| | 150 | 4 | | | | |
| | 160 | | | | | |
| | 170 | | | | | Pale brown, massive, dominantly carbonate ooze with minor volcaniclastic component; Sparse burrows, subtle bedding; Less carbonate than beds 1 and 2. |
| | 180 | | | | | |
| | 190 | | | | | |
| | 200 | | | | | |
| | 210 | | | | | |
| | 220 | | | | | |
| | 230 | 5 | | Nannos, forams, rads | Calcite — Qtz, halite | Nannofossil ooze |

move all together