GC #3

USGS CORE STATION LOG

SHIP/LEG F7-91-WP

STATION # 9

CORE # 3

DEPTH(m) 2725

DEPTH(m)corrected

DATE JD 201 LOCAL 7/20/91

TIME GMT 1118 LOCAL 2118

LATITUDE 9°06.86 TO

LONGITUDE 141°55.81 TO

TOTAL CORE LENGTH 216 cm

TYPE OF STORAGE: DRY ____ COLD ____ FROZEN ____

SEDIMENTARY STRUCTURES

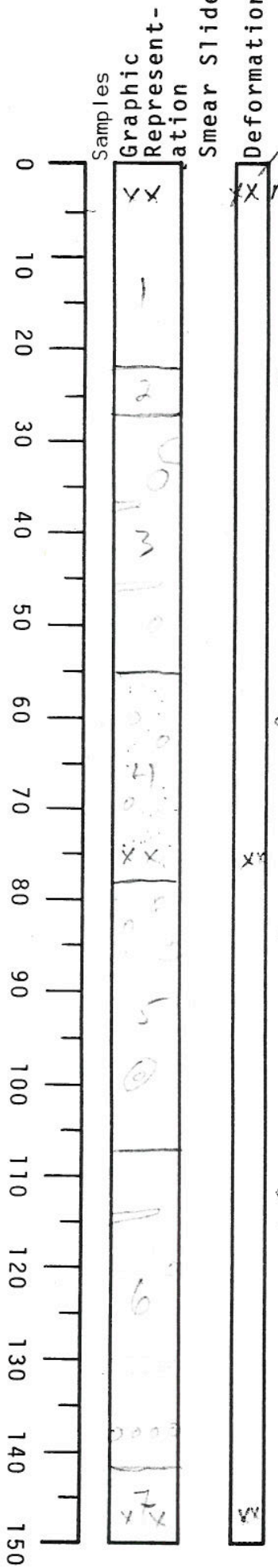
CORE DESCRIPTIONS

DEPTH INTERVAL	SUBSAMPLES		LITHOLOGY
Sec1	Paleo	ABD / smear slide	
3-4 cm	x	x	
75-76 cm	x	x	
146-147 cm	x	x	
Sec2			
213-214 cm	X	X	
GC3 Top Grab	X		
17 min on deck			

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
F791WP	GC3	01

STATION#	OBSERVER
09	HEN



Samples | Graphic Represent-ation | Smear Slide | Deformation

samples

0 — XX — XX — medium Brown Carbonate ooze massive

10 — 1

20 — 2 — v. pale brown Carbonate ooze massive

30 — 3 — mottled (burrowed) of beds 1 & 2 about equal amounts of each Carbonate ooze — elongate & ⊙ burrows

40

50

60 — 4 — dark medium brown, sparse burrows of bed 2 w/ black specks - peppered. Carbonate ooze

70 — XX — XX

80 — 5 — medium brown Carbonate ooze w/ sparse planarites burrows of bed 2 color

90

100

110 — 6 — dark medium brown Carbonate ooze w/ mostly elongate burrows

120

130

140

150 — 7 — XX — XX — mottled beds 1 & 2 colors - extensively burrowed - mixed - Carbonate ooze

VISUAL CORE DESCRIPTION

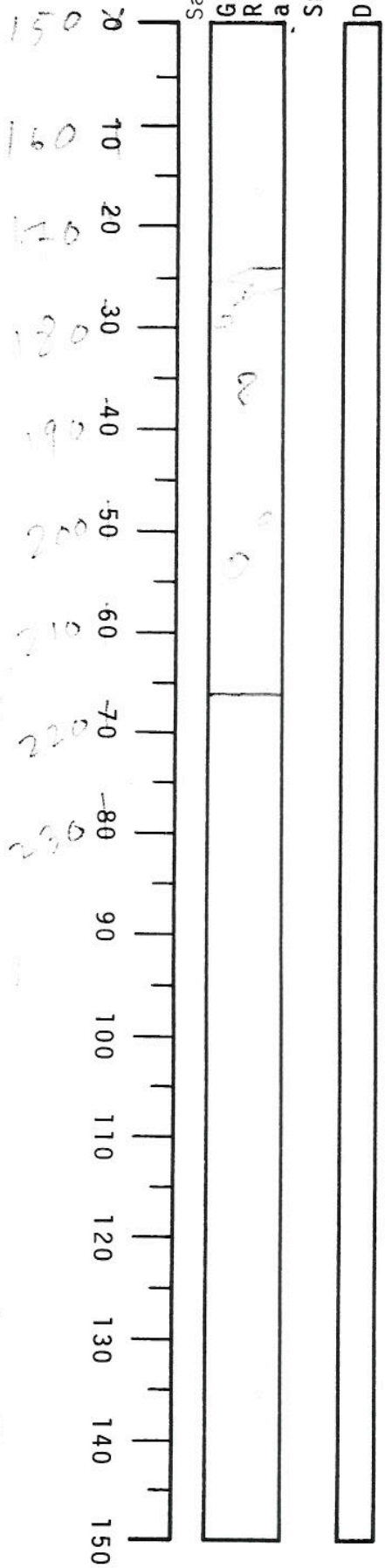
LOCATOR	SAMPLE NO.	SEC.
F 7 9 1 0 P	G C 3	0 2

STATION#	OBSERVER
0 9	HEIN

Samples	Graphic Representation	Smear Slide	Deformation

Pale brown carbonate ooze
sparsely burrowed
mottled, massive

216 cm bottom of core

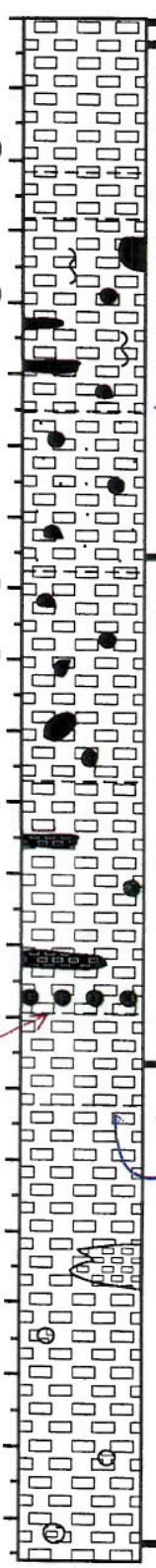


GC-3

Lat. 09° 06.86' N
Long. 141° 55.81' E

Depth: 2725 m
Length: 216 cm

Age | Scale (cm) | Sample Interval | Color | Smear slide composition | X-ray mineralogy | Comments



Quaternary Glade how to fill burrows

make bed thicker

Sample Interval	Smear slide composition	X-ray mineralogy (Major / Moderate / Minor)	Comments
1, 2	Nannos, forams, rads, diatoms	Calcite — halite, Qtz	Bed 1 Medium brown, massive carbonate ooze
			Bed 2 Very pale brown, massive carbonate ooze
			Bed 3 Mottled (burrowed) carbonate ooze; Equal amounts of beds 1 and 2.
	nanno-subcoors		Bed 4 Dark medium brown ~~carbonate~~ nannofossil-silicic ooze peppered with black specks; Sparce burrows of bed 2 color.
3	Nannos, forams, rads,	Calcite / Amorphous / Qtz	
			Bed 5 Medium brown carbonate ooze; Sparce planonites burrows of bed 2 color
			Bed 6 Dark medium brown carbonate ooze with mostly elongate burrows
4	Nannos, forams, rads, diatoms, spicules Volc. glass?	Calcite — halite, qtz	Bed 7 Extensively burrowed carbonate ooze mottled with beds of 1 and 2 colors
			Bed 8 Pale brown ~~carbonate~~ nannofossil ooze; Sparcely burrowed, mostly massive
5	Nannos, forams	Calcite — Qtz, halite	

nanno ooze