~~Dr~~ GC 4

USGS CORE STATION LOG

SHIP/LEG F7-91-WP

STATION # 10

CORE # 4

DEPTH(m) 2838

DEPTH(m)corrected _____

TYPE OF STORAGE: DRY ____ COLD X FROZEN ____

DATE JD 201 LOCAL 7/20/91

TIME GMT 1341 LOCAL 2341

LATITUDE 9°04.19 TO 09°04.21

LONGITUDE 141°54.57 TO 141°54.5

TOTAL CORE LENGTH _____

SEDIMENTARY STRUCTURES _____

CORE DESCRIPTIONS

DEPTH INTERVAL	SUBSAMPLES		LITHOLOGY
Section 1	Paleo	XRD & Smear	
3-4cm	~~X~~	X	Carbonate Mud
75-76 cm	X	X	
139-140 cm	X	X	
GC4 Top Slurry	X		
5 min. on Deck			

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
F 7 9 1 W P	G C 4	0 1

STATION#	OBSERVER
1 0	HEIN

Samples	Graphic Representation	Smear Slide	Deformation
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150	1 2 3 4		

Pale brown
Carbonate ooze
massive

As bed / w / white burrows
Large elongate burrows

medium brown, massive, sparse white
burrows, black specks

same but w/ extensive large white burrows

Pale brown carbonate ooze w/
sparse off white burrows

147 Bottom of Core

GC-4

Lat. 09° 04.19' N
Long. 141° 54.57' E

Depth: 2838 m
Length: 147 cm

Age	Scale (cm)	Sample Interval	Color	Smear slide composition	X-ray mineralogy	Comments
Quaternary	0	1		Nannos, forams, rads, spicules, fish debris	major / Moderate / minor Calcite / – / amorphous, halite, qtz	Bed 1
	10	2				Massive, pale brown, carbonate ooze
	20					
	30					Bed 2
	40					
	50					Massive, pale brown, carbonate ooze with large, elongate, white burrows
	60					
	70			Nannos, rads, forams, fish debris	Calcite / – / amorphous halite, qtz	Bed 3
	80	3				Massive, medium brown carbonate ooze, sparse burrows and scattered black flecks
	90					Bed 4
	100					Same as bed 3 but with extensive large white burrows
	110					
	120					Bed 5
	130					Pale brown carbonate ooze with sparce off/white burrows.
	140	4		Nannos, rads, forams, fish debris	Calcite / – / halite, qtz	

Could make finer