GC5

USGS CORE STATION LOG

SHIP/LEG F7-91-WP

STATION # 12

CORE # 5

DEPTH(m) 3560

DEPTH(m)corrected _____

DATE JD 202 LOCAL 7/21/91

TIME GMT 1024 LOCAL 2024

LATITUDE 9°13.99 TO _____

LONGITUDE 141°34.99 TO _____

TOTAL CORE LENGTH _____

TYPE OF STORAGE: DRY ____ COLD ____ FROZEN ____

SEDIMENTARY STRUCTURES _____

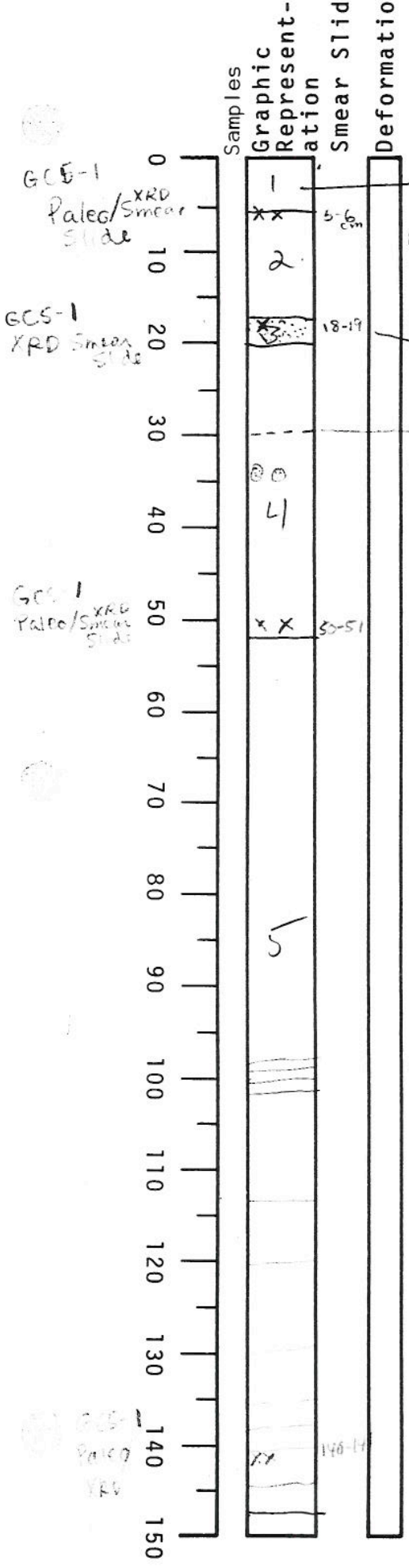
CORE DESCRIPTIONS

DEPTH INTERVAL	SUBSAMPLES Paleo	SUBSAMPLES VRD	LITHOLOGY
5-6 cm	X	X	
18-19 cm	—	X	Sand layer
[illegible]	X	X	
140-141 cm	X	X	
Core 5 TOP GRAB 15 min on deck	X		

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
F 7 9 1 W P	G C 5	0 1

STATION#	OBSERVER
1 2	HE/IN



medium brown soupy

mottled – burrow medium (burrows) + pale brown carbonate ooze (sparsely

17 cm black peppered sand layer, Foram, volcaniclastic sand

black sand layer < 1cm like bed 3

Two burrows of bed 3 – Type sand

Pale yellow – brown carbonate ooze, become more yellow w/ z

52

Pale yellow gray, mottled carbonate ooze

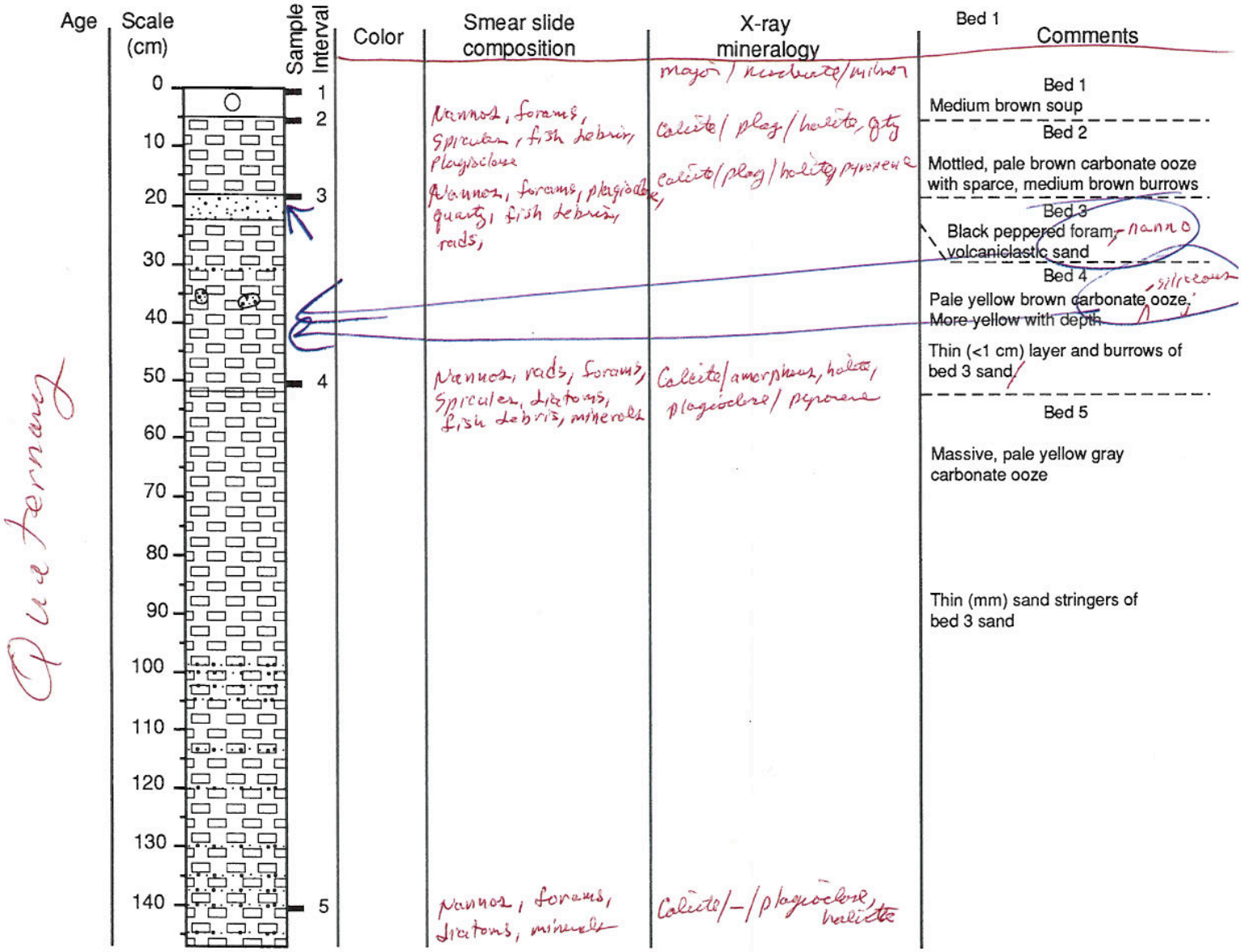
mm – Thick sand stringers as bed 3

147 cm bottom of Core

GC-5

Lat. 09° 13.99' N
Long. 141° 34.99' E

Depth: 3560 m
Length: 147 cm



Gravity core, XRD and smear slide data

Sample	Major	Moderate	Minor / Trace	Sediment ~~Other, etc.~~ Type
GC1 1-3	Calcite		Halite, quartz	Carbonate ~~ooze~~ mud
GC1 28.5-29.5	Calcite		Halite, quartz	Carbonate ~~ooze~~ mud
GC1 45-45.5	Calcite	Amorphous	Halite, quartz	Tuffaceous-Carbonate ~~ooze~~ mud
GC1 46-47	Calcite		Amorph, halite, QTz	" " "
GC1 68-69	Halite Amorphous	Calcite	Carnallite, Vaterite, Stilbite, Unknowns	
GC1 72 +-0.5	Calcite Halite	Amorphous	Vaterite, Carnallite, Stilbite, Unknowns	
GC1 155-156	Amorphous, Halite	Calcite	— —	
GC1 165-166	Calcite	Halite	Amorphous, QTz	
$CaCO_3$ GC2 5-6	Calcite	—	Halite, QTz	
C GC2 77-78	Calcite	—	Halite, QTz	
C GC2 145-146	Calcite	—	QTz	
~/ GC2 235-236.5	Calcite	—	Halite, QTz	
C GC3 3-4	Calcite	—	Halite, QTz	
GC3 75-76	Calcite	Amorphous	~~Halite~~ QTz	
GC3 146-147	Calcite	— —	QTz, Halite	
GC3 212-213	Calcite	— —	QTz, Halite	
GC4 3-4	Calcite	— —	Halite, QTz	
GC4 75-76	Calcite	— —	QTz, Halite	
GC4 139-140	Calcite	— —	Halite, QTz	
GC5 5-6	Calcite	Plagioclase	~~Plag~~ QTz, Halite	
GC5 18-19	Calcite	Plagioclase	Halite	
GC5 50-51	Calcite	Amorphous, Halite	Plagioclase	/
GC5 140-141	Calcite	— —	Plag, Halite	

See core log worksheets