Gravity Core 1

USGS CORE STATION LOG

SHIP/LEG EW-91-WP

STATION # 7

CORE # GC 1

DEPTH(m) 2735 m Bottom

DEPTH(m)corrected _____

DATE JD 201 LOCAL 20 July 19

TIME GMT 0510 - 0700 LOCAL 1510-1700

LATITUDE _____ TO 09°12.21

LONGITUDE _____ TO 141° 58.21

TOTAL CORE LENGTH _____

TYPE OF STORAGE: DRY _____ COLD _____ FROZEN _____

SEDIMENTARY STRUCTURES _____

CORE DESCRIPTIONS

DEPTH INTERVAL		SUBSAMPLES		LITHOLOGY
Sec 1		Paleo	VCD/smear slide	
0-3cm	1	X	X	
Sec 2				
28.5-29.5 cm	2	X	X	
45-45.5	3		X	
46-47	4	X	X	
68-69	5		X	
72 ± 0.5 cm	6		X	
155-156	7	X	X	
165-166	9	X	X	
TOP GRAB GC1		X		
37 min after				
on board				

Roll #1
D1 - D3

Core Photo log
Cruise Id # F9' - 91 - MP
Core Type Gravity
Core No. GC1

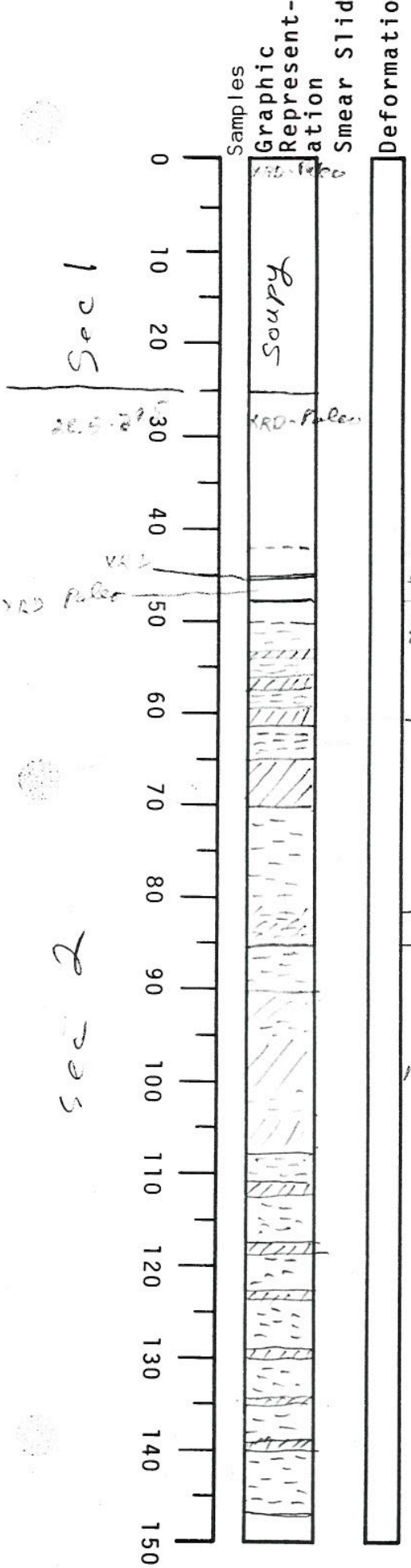
Date: 201
Depth: 27816

Depth Interval	Polaroid	35 mm	Comments
—		#13-15 GC1	F16, 11, 22
0-20		#16-17	
20-40		18	
40-60		19	F16
60-80		20	
80-100		21	
100-120		22	
120-140+		23	

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.
F791WP	GC1	01

STATION#	OBSERVER
07	HEN



Pale brown - (10YR 7/4 grayish orange)

Carbonate ooze, strongly to moderately calcareous

weakly mottled (burrowed)
carbonate sand (10YR 7/4) grayish orange
strongly calcareous w/ HCl

bioturbated contact — N8 - V. Lt gray - strongly calcareous

Pearl gray nanno ooze — medium brown layer - 10YR 4/2 Dark yellowish brown

Pearl gray — brown

Pearl gray

grayish green transitional layer

N6 - Med Lt gray

- Dusky yellow green 5GY 5/2 - SS beds

N6 - Ash beds

Cont's sharp
not burrowed

== ash = non calcareous

//// green SS = " "

mixed

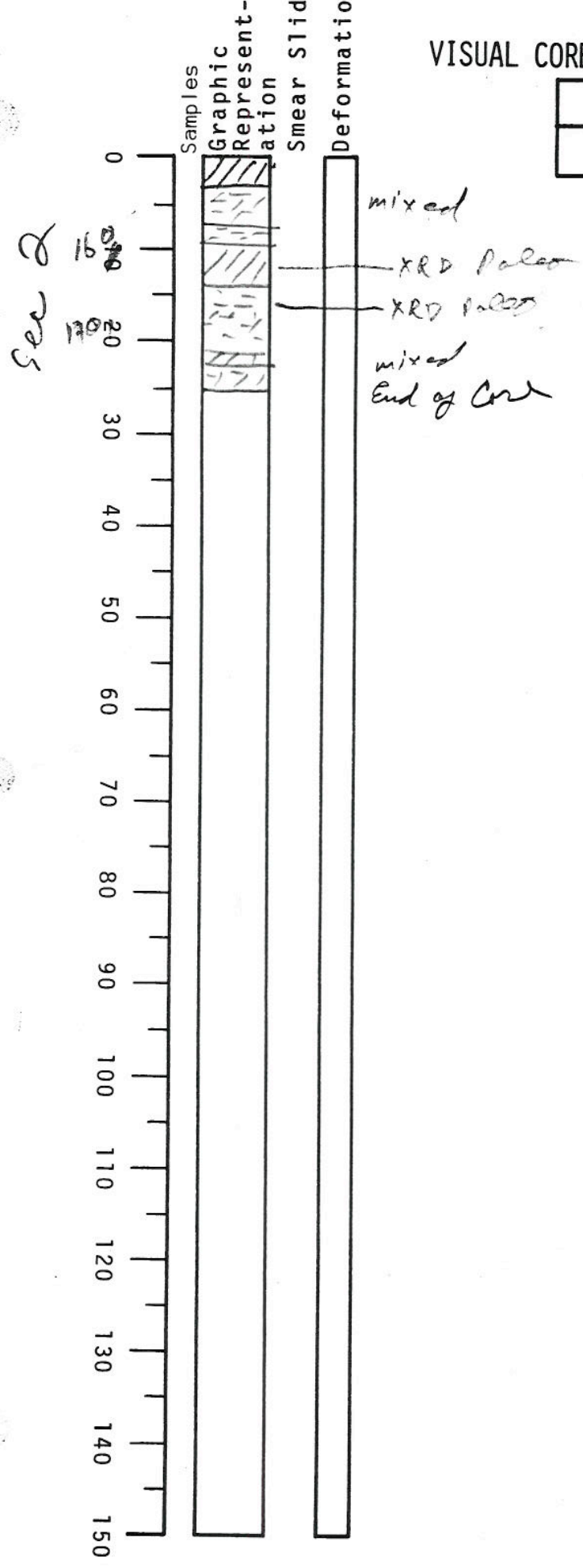
mostly greenish

alternating gray ash & green SS

VISUAL CORE DESCRIPTION

LOCATOR	SAMPLE NO.	SEC.

STATION#	OBSERVER

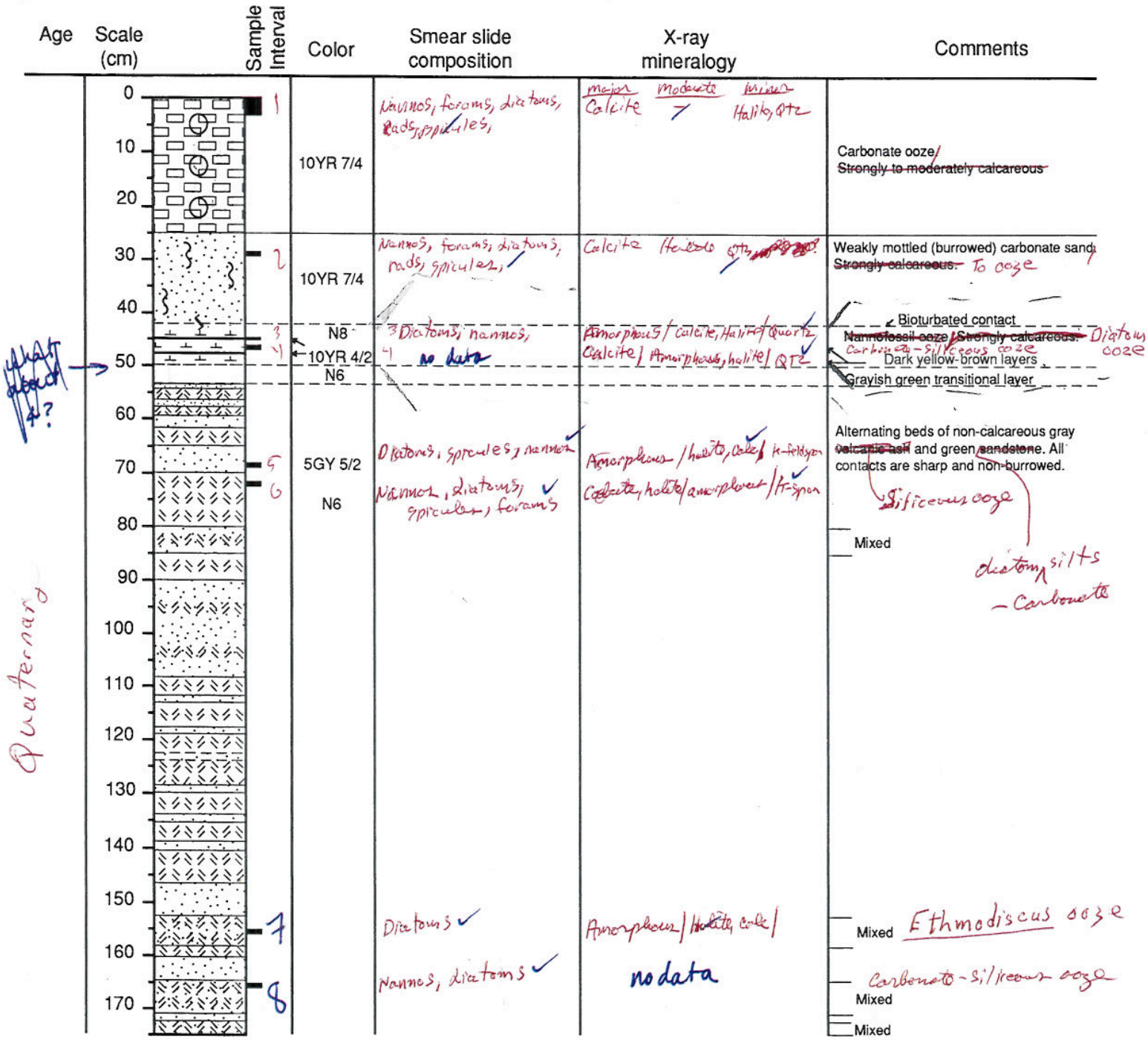


Volcanic ash layers turn out to be siliceous ooze layers — need to change Lyon Rock

GC-1

Lat. 09° 12.21' N
Long. 141° 58.21' E

Depth: 2735 m
Length: 175 cm



= Silica