USGS DREDGE STATION LOG

Majuro

Depth = 1480 – 1500 m

SHIP / LEG L9-84-CP

LATITUDE 07° 14.139 (on bottom) | 7° 14.165 (off bottom)

LONGITUDE 171° 02.497 (on bottom) | 171° 02.223 (off bottom)

STATION NO. Sta. 02

LINE NO. Dredge 2

Depth: 1480 – 1500 m

DAY/MONTH/YEAR

DATE 28/7/84

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM

REMARKS: Recovered ≈ 400 – 500 lbs. of carbonate with extremely thin Mn crust on a few — [kept ½ of each rock and tossed other half back over board]

typical fore reef slope deposit with relatively well preserved coral + shell debris — rock not very indurated — organic coating on "upper surface" — Mn crust on what appeared to be vertical surfaces.

NEBCO Mn coating too thin to measure — surface irregular due to underlaying surface

USGS DREDGE STATION LOG

Majuro

SHIP / LEG L9-84-CP

	on bottom	off bottom
LATITUDE	07°15.501	07° 13.450
LONGITUDE	170° 59.120	170° 59.696

STATION NO. Sta. 03

LINE NO. Dredge 3

Depth = 2000 – 3100 m

DAY/MONTH/YEAR

DATE 29 / 7 / 84

TYPE OF STORAGE (check one)

☐ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM

REMARKS: Total recovery: 2 pieces, wt. ~ 1 kg.

D3-1: angular piece of dark-gray basalt without any Mn-oxide crust

D3-2: rounded piece of limestone coquina with well preserved shell and coral debris – no Mn crust

NEBCO

Sample Description to D2-15

Cruise I.D: ~~L5-83-HW~~ L9-84-CP

Sample I.D: Sta: 02 D 2-1

Location: Majuro

Size: _____ Weight: ~ 100 Cos

Depth = 1480 - 1500 m

Mn crust thickness:

Total: min: 0 max: thin coating ave: _____

Inner crust: min: _____ max: _____ ave: _____

Outer crust: min: _____ max: _____ ave: _____

Surface texture: irregular like underlying surface

Internal structure: _____

layered: _____

laminated: _____

massive: _____

porous: _____

dendritic: _____

other: _____

Mineralogy (XRD): _____

dredge full of huge chunks of carbonate, a few have thin coating of Mn oxide. Kept one piece of every separate piece in dredge but were probably all broken off the same big piece. All typical fore reef slope deposit. Not very well indurated.

Associated alteration, phosphorite or hydrothermal deposits:

Substratum:

Rock type: poorly indurated limestone w. corals + whole and broken shell pieces

Description:

Mineralogy (XRD):

Analyses and subsamples:

analysis:	analyst:
D2-1 to D2-10	half of each to J. Haggerty
D2-3	to Lauren M. Scripps
sample bulk crust & substrate for chemistry	C. Daniel
D2-3A-a	
D2-3A-b	