Dredge 19

Lost BAG

USGS DREDGE LOG

ON Board 0400

Depth Interval _____

Cruise I.D. F7-91-WP

Station No. 27

Dredge No. D19

Julian Date 211

Local Date (m/d/y) July 30, 1991

Chief Scientist Hein / Ahn

Tech on Watch Jon / Walt

	On Station	Dredge on Btm	Dredge off btm	Off Station
GMT	0000	0055		
LATITUDE	07° 20.49	07° 20.61		
LONGITUDE	134° 41.27	134° 41.27		
WATER DEPTH	2530	2475		

Site Description and Target : East slope of Palau Island 2500 - 2000 m

OPERATION*	GMT	DEPTH (m) *	WIRE OUT (m)	TENSION	HDG/SPD	COMMENTS
In Water	0005	2500				
On Bottom	0055	2475	2650			
Scope Out	0106	2430	3000			
Pulling	0130	2350	"	up to 1.62		
Bites	0136	2300	3000	1.65, 2.1,	2.0	Pulling through the mud ok
Bite	0141	2300	"	2.4		Soft Break OFF
Bite	0142	2300	"	2.7		
Bite	0143	2280 ?	"	2.7		
Bite	0149	2250 ?	"	2.4		
Broke at 0152	0151	2150		4 and rising	4.6	Good Break
Bite	0210	2030		3.2		
On a bite	0212			5T		
Hung up	0218	2008		over 8T		
Put out more wire	0220		3031	8 plus		trying different angles
Retrieving wire	0225					bring it in to 3000 m
Broke	0231	2070	3000	7.6T		
Bring in scope	0247	2035	3000			
						Might have lost it

*on/off bottom, bites, etc.

OTHER COMMENTS: Did not really see on bottom; soft?

Note: Very steep slopes, several natural gas seeps. Wide spread of 15. Wide spread of teeth on 10. I'm not sure of the exact depth of the 10. Bottom probably deeper

6250000

USGS DREDGE LOG

SHIP/LEG F7-91-WP

STATION # 27

DREDGE # D19

DEPTH INTERVAL(m) 2475 -

DEPTH(m)corrected _____

DATE JD 211 LOCAL 7/30/91

TIME GMT 0055- LOCAL 1055

LATITUDE 7°20.61' TO _____

LONGITUDE 134° 41.27' TO _____

TOTAL WEIGHT: DREDGE _____ CRUST _____

PERCENTAGE OF ROCK COVERED BY CRUST _____

PERCENT BROKEN FROM: OUTCROP _____ TALUS _____

THICKNESS OF MN CRUST: MAXIMUM _____ MINIMUM _____ AVERAGE _____

DOMINANT SURFACE TEXTURE _____

SUBSTRATE LITHOLOGY _____

LOST BAG

NODULES PRESENT _____

REMARKS: _____

SAMPLE DESCRIPTION

Cruise Id: _____ Size (cm): _____ Location: [redacted]

Sample Id: _____ Weight (kg): _____ Depth (m): _____

Mn Crust Description

Surface Texture: _____

Mn Crust Thickness (mm):

Min:_____ Max:_____ Ave:_____

Outer to Inner Layers (mm)

	Min	Max	Ave	Texture & Color
1				
2				
3				
4				
5				
6				

D19

Jost Bag

Comments and XRD Mineralogy:

Substrate Description

Rock Type: _____

Description: _____

Biology (?): _____

Described by:

Analyses

Subsample No.	Analysis	Layer Thick.	Wt.(g)

Subsampled by:

OPERATION*	GMT	DEPTH (m)	WIRE OUT (m)	TENSION	HDG/SPD	COMMENTS
onBoard	–	0400				

LOST BAG

*on/off bottom, bites, etc.

OTHER COMMENTS: