Dredges 4 + 5

NO Recovery

USGS DREDGE LOG

Depth Interval 3550-3434

Julian Date 200

12602500

Cruise I.D. F7-91-WP

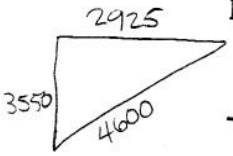
Local Date (m/d/y) 7/19/91

Station No. 4

Chief Scientist Hein/Ahn

Dredge No. D-4

Tech on Watch Walter



	On Station	Dredge on Btm	Dredge off btm	Off Station
GMT	0657	0804	1241	1350
LATITUDE	9°14.29N	9°14.34	9°13.45	9°13.13
LONGITUDE	141 33.65E	141°33.60	141°37.32	141°37.92
WATER DEPTH	3550	3550	3534	3435

Site Description and Target : Fais Trough - dredging along central sediment-filled graben.

OPERATION*	GMT	DEPTH (m)	WIRE OUT (m)	TENSION	HDG/SPD	COMMENTS
On bottom	0804	3550	3485 m	Will now	move	up line/payout scope
Scope is out	0825	3560	4600 m	—	—	taking up slack
Starting to dredge	0912	3560	"	3T to 2.5		Starting to dredge
Maybe dragging thru mud	0956	3550	"	2.3-2.8	surging	up & down
Hauling dredge in	1208	3540	4600			Holding position
Off bottom	1241	3534	3500			

*on/off bottom, bites, etc.

OTHER COMMENTS:

21160000
- ~~12602500~~
8557500 → 2925

3240

Axis of Fais Trough - sed filled

SAMPLE DESCRIPTION

Cruise Id: _____ Size (cm): _____ Location: V3-91-NP

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				

NO Recovery

Comments and XRD Mineralogy:

Analyses

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

Substrate Description

Rock Type: _____

Description: _____

Biology (?): _____

Described by: Subsampled by:

Axial Valley of Fois Trough
= Sediment filled - NO Talus

LOST BAG

USGS DREDGE LOG

Depth Interval _____

Cruise I.D. F7-91-WP

Station No. Station 11

Dredge No. D5

Julian Date 201

Local Date (m/d/y) July 21, 1991

Chief Scientist Ahn/Hein

Tech on Watch John

	On Station	Dredge on Btm	Dredge off btm	Off Station
GMT	1453	1622	LOST	
LATITUDE	09° 04.2'	09° 04.2'	BAG	
LONGITUDE	141° 54.5'	141° 54.5'		
WATER DEPTH		2830		

Site Description and Target : _____

OPERATION*	GMT	DEPTH (m)	WIRE OUT (m)	TENSION	HDG/SPD	COMMENTS
On Station	1622	2830	2793	—	—	—
Scope Out	1657	2830	3350	—	—	—
Touch in Brain	1738	2820				
	1802	2200				Starting to pull, tension up
	1820	2200	2900			Pulling in wire
Bite	1844	2200	2900	2.4, 2.6	2.6, 3.0	Start back down line
Bite	1846	"	"	3.1		
Bite	1851	2220	"	2.8		
Bite	1856	2220	"	2.9, 2.9		
Pulling	1857	2230	"	3.7		Hit a UD?
Good Bite	1904	2230		5.8 4.0		Break off
Bite	1909	2240	"	3.9		These bite aren't breaking off
Bite	1910	2210	"	3.1		Sharply, they ease back down.
Bite	1912	2180	"	3.4		
Bite	1914	2240	"	3.1		SNAPPED OFF
Bite	1930	2205		3.1		continuing w/ small pulls
Course Change	2007		Use 204			Heading to the South
Bite	2022	1900		5.3		John thinks this maybe wire pulling sideways?

*on/off bottom, bites, etc.

OTHER COMMENTS:

ERIB

D3 Fair Through

SAMPLE DESCRIPTION

Cruise Id: _____ Size (cm): _____ Location: V2-91-CP

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				

NO Recovery

Comments and XRD Mineralogy:

Analyses

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

Substrate Description

Rock Type: _____

Description: _____

Biology (?): _____

Described by: Subsampled by:

Lost Bag + 180m wire - wrapped around rocks