Dredge 6

USGS DREDGE LOG

SHIP/LEG F10-89-CP

STATION # _____

DREDGE # 6

DEPTH INTERVAL(m) _____

DEPTH(m)corrected _____

DATE JD 260 LOCAL 261

TIME GMT _____ LOCAL 0830

LATITUDE _____ TO _____

LONGITUDE _____ 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 _____

NODULES PRESENT _____

REMARKS: Lost Bag at weak link

USGS DR LOG

Depth Interval 1125-1100 m

Cruise I.D. F10-89-CP

Station No. 10

Dredge No. 6

Julian Date 260

Local Date (m/d/y) 9/18/89

Chief Scientist Hein/Kang

Tech on Watch Corky

	On Station	Dredge on Btm	Dredge off btm	Off Station
GMT	17:20:40	17:40:05	20:24:23	20:34:57
LATITUDE	13 03.03N	13 03.12N	13 04.11N	13 03.46N
LONGITUDE	162 45.56E	162 45.47E	162 45.40E	162 44.19E
WATER DEPTH	1130m	1125m	1100	2034

Site Description and Target :

OPERATION*	GMT	DEPTH (m)	WIRE OUT (m)	TENSION	HDG/SPD	COMMENTS
ON BOTTOM	1740	1125	1122	—	308/0.6	BEGIN LINE PAY OUT
END LINE PAY	1746	1130	1450	—	357/0.8	STOP PAY OUT AT 1450
NAV PDOP	1749	"	"	—	357/0.8	HIGH PDOP MAX = 1000/ REMAINING ON COARSE
BITE	1804	1110	"	1.9T	"	CROSS ANGLES OF SATELLITE
BITE	1804	1110	"	2.4T	"	FIX TO SMALL
BITE	1804	1110	"	4.2T	"	↓
BITE	1806	1105	"	3.1T	"	PDOP = 18.06
BITE	1807	1100	"	2.1T	"	PDOP = 12.4
BITE	1808	"	"	3.1	"	" = 11.7
NAV BACK	1816	1090	—	—	220/0.6	NAVIGATION GPS RESTORED
STUCK	1818	"	1450	6.5T	228/0.5	REPOSITIONING SHIP
BROKE FREE	1833	1150	1351	2.5T	240/0.5	DRAGGING ON BOTTOM / BRING SHIP AROUND
NAV PDOP	1843	—	—	—	—	LOST GPS / SWITCH TO Rho/Rho
NAV BACK/bite	1850	1105	"	5.9T	342/0.7	GPS RECOVERED
BITE	1854	1100	"	1.2T	354/0.7	MANY SMALL BITES
BITE	1855	1100	"	1.5T	"	BITE
BITE	1900	1075	"	3.8T	"	BITE
BITE	1917	1085	"	1.0T	025/0.9	SMALL BITE
BITE	1919	1090	"	1.8T	023/0.9	SMALL BITES
BITE	1921	1110	"	1.3T	"	↓
BITE	1924	1105	"	1.0	023/0.8	
BITE	1925	1110	"	3.5	023/0.8	BITE
BITE	1933	1120	"	1.3	031/1.0	SMALL BITE
BITE	1947	1080	"	1.7	008/0.9	
BITE	1948	1075	13:60	1.5	"	

NAV. INFO

*on/off bottom, bites, etc.

OTHER COMMENTS:

(OVER)

OPERATION	GMT	DEPTH(m)	WIRE OUT(m)	TENSION	HDG/SPD	COMMENTS
STUCK	1950	1075	1360	—	008/0.9	
Broke lose lost dredge	2014	1100	1360	—		5.7 pull, pulled, lost bag(?)
bringing wire in	2023	1100	575	—	230/07	
of BOTOM	2014	1100	1360	—	008/0.9	
DR6 out of water	2034					

lost dredge bag

will re-fit line with new bag and continue station 10 w/dr 7.