DREDGE SAMPLE LOG

			JD	LOCAL
CRUISE	KODOS97-4	DATE	244	9 1 97 → 9 2 97
STATION	17		GMT	LOCAL
DREDGE	D10	TIME	0945 - 1449	945 pm - 2 49 am
DEPTH INTERVAL(m)	3560 - 2160	LATITUDE (N,S)	on 11°46.71	off 11° 44.54'
DEPTH(m) CORRECTED		LONGITUDE (E,W)	161° 43.28	161° 42.18'

TOTAL WEIGHT : DREDGE _____ CRUST _____

%OF ROCK COVEREDBY CRUST

%BROKEN FROM : OUTCROP _____ TALUS _____

THICKNESS OF CRUST : MAX _____ MIN _____ AVG _____

DOMINANT SURFACE TEXTURE

SUBSTRATE LITHOLOGY

NODULES PRESENT

REMARKS:

LOST BAG

D10

1/3

DREDGE OPERATIONS LOG

			JD	LOCAL
CRUISE	KODOS97-4	DATE	244	9-1-97 → 9/2/97
STATION	St. 17	CHIEF SCIENTIST	Moon / Hein	
DREDGE NO.	D10	TECH ON WATCH	chi	
DEPTH INTERVAL(m)	3650-2162			
CORRECTED DEPTH	3500-3200			

ON STATION	DREDGE ON BOTTOM	DREDGE OFF BOTTOM	OFF STATION
08 [redacted] :24	09:45	1449	~1530
161° 43.245	11°46.708 N	11° 44.54	
11° 47.212	161° 43.281 E	161° 42.18	
3930	3560	2162	

281.1 / 1.5

Site Description and Target:

dredging 3600 ~ 2100 m

Average tension ≒ 2.6

	Operation*	GMT	Depth(m)	Wire Out(m)	Tension	HDG/SPD	Comments
	ON Bottom	09:45	3560	4034	1.6	116.7 / 1.8	0
	Wire out	09:53	~~4460~~ 3548	4400	1.6	143.0 / 1.7	11°46.503 N, 161° 43.322
	Starting Dredge	"	"	"	"	"	
	Dredging	10:00	3329	4435	1.9	157.3 / 1.9	11°46.~~503~~ 241 N, 161° 43.365
(?)	S. Bites	10:04	3313	4450	2.4	178.2 / 1.8	11°46.229, 161°43.338
1	Bites	10:06	3291	4462	2.4~2.8	178.2 / 2.0	11°46.144, 161 43 336
	(3 times)	10:10	3264	4441	3.2 2.5, 3.7	2.5	
2	S. Bites	10:17	3251	4434	2.9~3.1	203.2 / 1.0	11°45.903, 161° 43.216
	Dredging.	10:29	3136	4448	2.5	201.8 / 1.4	11° 45.640, 161° 43.062
3	Bites	10:34	3098	4443	3.0	202.6 / 1.6	11° 45.553 161° 43.018
4	Bites.	10:41	2978	4403	3.0	201.9 / 1.0	11° 45.378 161° 42.944
	Dredging	10:51	2650	4255	2.3	201.8 / 1.4	11° 45.138 161° 42.775
	"	11:00	2388	4238	2.6	202.9 / 1.7	11° 44.928 161° 42.701
5	Bites	11:05	2301	4262	2.8	203.0 / 1.4	11° 44.782 161° 42.634

*on/off bottom, bites, etc.

Other Comments:

dredging can be very boring at times...

3500
3200

Jost Bog

DREDGE OPERATIONS LOG

2/3

			JD	LOCAL
CRUISE	KODOS97-4	DATE	244	9-1-97 → 9/2/97
STATION	St. 17	CHIEF SCIENTIST	Moore / Heim	
DREDGE NO.	D.10	TECH ON WATCH	Chi	
DEPTH INTERVAL(m)				

ON STATION	DREDGE ON BOTTOM	DREDGE OFF BOTTOM	OFF STATION

Site Description and Target: Continue (D.10)

Operation*	GMT	Depth(m)	Wire Out(m)	Tension	HDG/SPD	Comments
Dredging.	11:10	2246	4233	2.4	202.1 / 1.5	11°44.690, 161°42.598'
⑥ S. Bites	11:13	2215	4211	2.7,	202.8 / 1.7	11°44.590, 161°42.564
☆(7) Bites	11:15	2204	4200	4.8, 5.1	202.6 / 1.7	11°44.564, 161°42.549
	11:18		tension	5.4, 4.8, 4.4, 4.8, 4.6,		4.8, 4.5, 5.1, 5.2.
backward	for	pull out	dredge	(11:24)	waterdepth	2481, 4268 → payout.
(hung up)	12:17	2943	3441	5.0 → 2.0	221.3 / 0.5	11°45.421, 161°42.877
"	12:33	3004	3333	5.0	214.5 / 0.9	11°45.516, 161°42.915
"	12:41	3034	3307	4.6	191.4 / 0.5	11°45.534, 161°42.871
"	12:49	~~3364~~ 3302	3364	3.3	28.5 / 1.8	11°45.486, 161°42.901
→ pull out point	13:00	3146	3311	3.6	50.3 / 0.5	11°45.602, 161°42.892
"	13:16	3046, 3016,	3225	1.9	146.5 / 0.6	11°45.426, 161°43.044
transit to 2900 m depth.	13:26	2985	2997	0.0	171.2 / 0.9	11°45.404, 161°42.934.

*on/off bottom, bites, etc.

Other Comments: ☆ 7th Bites → didn't catch it.

Jost Bog

DREDGE OPERATIONS LOG

			JD	LOCAL
CRUISE	KODOS97-4	DATE	244	9-1-97 → 9/2/97
STATION		CHIEF SCIENTIST	Moore/Heim	
DREDGE NO.		TECH ON WATCH	chi	
DEPTH INTERVAL(m)				

ON STATION	DREDGE ON BOTTOM	DREDGE OFF BOTTOM	OFF STATION
		14:49	
		11°44.536	
		161° 42.181	
		2162	

Site Description and Target: Continue (P.10)

normal tension ≒ 1.9 → 1.5

Operation*	GMT	Depth(m)	Wire Out(m)	Tension	HDG/SPD	Comments
Dredge on Bottom	13:45	2499	3600	2.0	197.7/1.4	11°44.950, 161°42.639
S. Bites.	13:55	2277	3540	1.9~2.2	198.9/1.6	11°44.759, 161°42.520
Dredging	14:05	2207	3430	1.7	224.2/0.5	11°44.634 161°42.415.
"	14:15	2213	3275	1.8	219.6/0.1	11° 44.646 161°42.393
"	14:22	2202	3000	1.7	211.0/0.6	11°44.621, 161°42.326.
"	14:25	2191	2723	1.5	229.3/0.1	11°44.608, 161 42.285
"	14:45	2168	2541	1.3	221.6/0.8	11°44.553, 161°42.186
off bottom.	14.49	2162	2416	1.2	229.0/0.5	11°44.536, 161°42.181
off station	~1530					lost bag

*on/off bottom, bites, etc.

Other Comments: