F10-89-CP
Sample Descriptions
Dredge Logs
Dredges 1-11

#14B

CRUISE DREDGE SUMMARY

DREDGE NUMBER	SEAMOUNT NAME	WATER DEPTH (A)	WATER DEPTH (B)	RECOVERY (kg)	CRUST THICKNESS MAX (mm)	CRUST THICKNESS AVG (mm)	DOMINANT SUBSTRATE	COMMENTS
D1	Look Seamount	1565-1190	1540-1250	25	70	40	Breccia	Phos., Calc. Vein
D2	Look Seamount	No Recovery		NONE	—	—	—	—
D3	Look Seamount	1450-1300	1450-1400	4	57	25	Breccia	Calc. Cement
D4	Look Seamount	2060-1190	2025-2000	70	45	5	Basalt	Calc., Phos., Lms in Basalt
D5	N. Lāānmōjānjān	1870-1900	1900-2000	1.5	25	10	Breccia	—
D6	"	No Recovery		—	—	—	—	—
D7	"	No Recovery		—	—	—	—	—
D8	"	1550-1180		2.5	40	30	Tr. Breccia?	—
D9	Lami Seamount	2495-2530	2530-2525	250	80	10	LIMESTONE	Phos., polished Crusts, SS, mudst
D10	Lami Seamount	1945-1575	2000-1800	80	5	10	LIMESTONE	Foram. ooze
D11	Lomilik Seamount	1870-1465	1870-1690	450	140	100	Breccia	Mega Crusts
D12	Lōjemeja Seamount	1910-1780	1910-1800	15	125	60	NONE	Mn Nodules
D13	Litolep Complex	2130-2280	2130-2050	55	95	30	Breccia	Polished + Fluted phos.
D14	" "	2000-1825	2000-1825	35	130	60	Breccia	phos.
D15	" "	2075-2040	2075-2040	6	35	15	Breccia	phos.
D16	" "	1610-1605	1610-1600	50	105	50	Basalt	mega Nodules
D17	" "	2025-1850	2000-1850	4	55	35	NONE	—
D18	" "	1975-1940	1925-1800	125	150	20	Limestone	phos.
D19	" "	2160-2030	2160-1900	80	32	5	Breccia	phos.
D20	" "	2140-1920	2140-1920	40	75	30	Breccia	phos.
D21	" "	2300-1850	2100-1850	275	65		Breccia	phos. + hydrothermal Fe + Mn
D22	Mij-Lep Seamount	1270-1245	1270-1245	46	80	60	BRECCIA	Biolog. & phos.
D23	" " "	1405-1305	1390-1300	70	92	70	BRECCIA	—
D24	JALUIT Atoll	3030-2730	3030-2730	200	2	1	MUDSTONE	1 Kilogram of crust
D25	JALUIT Atoll	3550-3380	3600-3380	200	3	2	SANDSTONE	Hornblende xstals.
D26	Jebrp Seamount	1740-1700	1740-1700	100	64	35	BRECCIA	Surface smoothed
D27	" "	1670-1570	1670-1570	15	70	50	Breccia	Crust Frags.

SEISMIC BATHYMETRY LINES

SEAMOUNT NAME	LINE NO.	NAUT. MILES	KILOMETRES
KARIN	KS-1	27	50
	1	84	155.57
	2	17.6	32.6
	3	24.6	45.56
	4	24.6	45.56
	5	20.5	37.97
	6	46.8	86.67
	7	4	7.41
	8	12.4	22.96
	9	22	40.74
	10	20	37.04
	11	12	22.22
	12	43	79.64
	13	14	25.93
	14	24.5	45.37
	15	23	42.59
	16	85.3	157.97
	17	51	94.45
	18	42.3	78.34
	19	43	79.6
	20	55.2	102.2
	21	63	116.7
	22	37	20.7
	23	10.5	19.45
	24	28	51.85
	25	22	40.7
	26	29.5	54.63
	27	30	55.56
	28	16	29.63
	29	19	35.19
	30	25	46.3
	31	18	33.33
	32	11	20.37
		TOTAL	1827.75