

0701 Dredge Log

Dredge #	Date	Time on bottom (GMT)	Start		End		Time off bottom (GMT)	Start Dredge Depth (m)	End Dredge Depth (m)	Δ (m)	Geographic Location	Comments
			Latitude S	Longitude E	Latitude S	Longitude E						
D01	3-Jan-07	11:26	69 50.398'	171 50.929'	69 50.40'	171 49.857'	13:31	1963	1420	543	Adare Trough (West Scarp)	< 1 lbs; two Mn-coated basalt pebbles in volcanoclastic seds
D02	3-Jan-07	15:30	69 51.672'	171 50.667'	69 51.684'	171 49.536'	17:31	1566	1132	434	Adare Trough (West Scarp)	45 lbs; Mn-coated basalt and drop stones in volcanoclastic seds.
D03	3-Jan-07	22:42	70 00'	171 59.4'	70 00.26'	171 58.341'	0:59	1511	1000	511	Adare Trough (West Scarp)	50 lbs; Mn-coated basalt and drop stones in volcanoclastic seds.
D04	4-Jan-07	3:30	70 04.2'	172 18.96'	70 04.134'	172 17.934'	5:15	2394	2021	373	Seamount inside Adare Trough	30 lbs; vesic. basalt; aphyric basalt; drop stones; light Mn coating
D05	13-Jan-07	5:55	71 53.4984'	171 53.9969'	71 54.7753	171 54.0134	7:52	580	473	107	ABS continental shelf	46lbs; basalt samples & dropstones & cong. w/ subrounded volc. clasts
D06	13-Jan-07	9:55	71 49.2993'	171 55.3986'	71 49.57'	171 55.38'	11:20	610	506	104	ABS continental shelf	112lbs; basalt samples several ig. & meta. dropstones
D07	13-Jan-07	12:28	71 49.20'	171 54'	71 48.99	171 53.62'	13:33	590	472	118	ABS continental shelf	20lbs; basalt samples & ig & meta dropstones
D08	13-Jan-07	16:28	71 35.3'	172 24.8'	71 35.58'	172 24.7'	18:00	1610	1381	229	ABS shelf-slope	1.5 lbs; No basaltic samples; granitoid & shale/slate dropstones
D09	13-Jan-07	20:16	71 37.6767"	172 31.3614'	71 37.8854	172 30.9714'	21:35	1739	1545	194	ABS isolated	9 lbs; mostly basalt & 1 dropstone
D10	14-Jan-07	23:53	71 40.0012'	172 31.3998'	71 40.27'	172 31.89'	1:24	1630	1411	219	ABS clumps	50 lbs; No basaltic samples recovered
D11	14-Jan-07	3:55	71 39.7023'	172 43.1570	71 39.9156	172 39.9156'	5:34	1760	1481	279	ABS semi isolated; edge of platform	26 lbs; vesic basalt & ig & meta dropstones
D12	14-Jan-07	7:44	71 37.86'	172 38.06'	71 38.08'	172 39.07'	9:13	1740	1490	250	ABS isolated; ~edge of platform	96 lbs; all mud indurated volcanics
D13	14-Jan-07	11:39	71 37.8012'	172 48.2016'	71 38.0438'	172 48.3829'	12:56	1848	1612	236	ABS isolated doublet, N center	4.5 lbs; No basaltic samples recovered
D14	14-Jan-07	14:58	71 36.05'	172 47.60'	71 36.32'	172 47.92'	16:18	1750	1603	147	ABS small cluster, N center	18lbs; angular vesic. Basalt frags & dropstones
D15	14-Jan-07	18:27	71 34.75'	172 44.00'	71 35.01'	172 44.28'	20:20	1937	1680	257	ABS isolated, single center	5 lbs; basalt & dropstones
D16	14-Jan-07	22:12	71 35.80'	172 49.25'	71 35.98'	172 49.26'	23:16	1944	1772	172	ABS satellite cone of D15?	102 lbs; some basalt, majority dropstones
D17	15-Jan-07	2:37	71 29.9501	173 29.1760	71 30.30'	173 29.19'	4:26	2014	1763	251	ABS large isolated center, central part of basin	360 lbs; vesic basalt, majority dropstones

0701 Dredge			
Dredge #	Thin Section	Chemistry (*glass)	Archive
D01	D1-1, D1-2	D1-1, D1-2	
D02	D2-1, D2-2, D2-3, D2-4	D2-1, D2-2, D2-3, D2-4	D2-1, D2-2, D2-3, D2-4, D2-Misc
D03	D3-1, D3-2, D3-3, D3-4	D3-1, D3-2, D3-3, D3-4	D3-2,D3-3,D3-4, D3-Misc.
D04	D4-1, D4-2, D4-3, D4-5, D4-6, D4-7	D4-1*, D4-2, D4-3, D4-5, D4-6, D4-7	D4-1,D4-2, D4-3, D4-6, D4-7
D05	D5-1, D5-2, D5-3, D5-4	D5-1, D5-2 D5-3, D5-4	D5-Misc
D06		D6-1,D6-2,D6-3,D6-4,D6-5,D6-6,D6-7	D6-7, D6-Misc
D07	D7-1, D7-2, D7-3, D7-4, D7-5	D7-1, D7-2, D7-3, D7-4	D7-1, D7-2, D7-5, D7-Misc
D08			
D09	D9-1, D9-2, D9-3, D9-4	D9-1, D9-2, D9-3, D9-4	D9-1, D9-2
D10			
D11	D11-1, D11-2, D11-3, D11-4	D11-1, D11-2, D11-3, D11-4	D11-1, D11-3, D11-Misc
D12	D12-1, D12-2, D12-3, D12-4, D12-6	D12-1, D12-2, D12-3, D12-4, D12-5, D12-6	D12-1, D12-2, D12-3, D12-4
D13			
D14	D14-1, D14-2	D14-1, D14-2*, D14-3, D14-4	D14-1, D14-2, D14-Misc1*, D14-Misc2
D15	D15-1	D15-1	D15-1, D15-2, D15-3
D16	D16-1, D16-2	D16-1, D16-2, D16-3, D16-4	D16-1, D16-Misc
D17	D17-1, D17-2, D17-3, D17-4, D17-5a, D17-5b	D17-1, D17-2, D17-3, D17-4	D17-1, D17-2, D17-3, D17-4, D17-Misc
total = 49		total = 58	total = 44