

## II. CARBON AND CARBONATE ANALYSES, LEG 33

Donald H. Cameron, Scripps Institution of Oceanography, La Jolla, California

Leg 33 carbonate samples were collected onboard ship in 3-cc vials at the time the core was split open. On shore the samples were dried and ground to a homogeneous powder. The ground sediment was redried at 105°-110°C and two samples from each vial, a 0.1-g and a 0.5-g sample, were then weighted into LECO crucibles. The 0.5-g sample was acidified with dilute hydrochloric acid, washed with distilled water, redried, and analyzed for acid insoluble (organic) carbon using a LECO 70 carbon analyzer. The 0.1-g sample was treated only with distilled water to cake the sample before analysis for total carbon. If the result showed less than 10% CaCO<sub>3</sub>, an additional 0.5-g sample was analyzed for greater accuracy. The calcium carbonate percentage was calculated as follows: (% total C - % organic C) × 8.33 = % CaCO<sub>3</sub>. Although other carbonates may be present, all acid-soluble carbon was calculated as calcium carbonate. All results are given in weight percent.

Detailed descriptions of technique and theory are in Bader, Gerard, et al., 1970.

For control purposes a standard sediment was made up from Deep Sea Drilling material and analyzed for total carbon at predetermined intervals with regular samples. Listed below are the statistical data for this standard.

DSDP Std.	No. of Samples	Total Carbon as % CaCO <sub>3</sub>	Standard Deviation	Maximum Range
2	53	80.7	0.8%	4.0%

These data indicate the precision of the mechanical aspect of the LECO analysis and do not necessarily reflect the precision of the total analytical procedure, which may be affected by factors such as inhomogeneous standard or contamination during sample preparation.

### REFERENCE

Bader, R.G., Gerard, R.D., et al., 1970. Initial Reports of the Deep Sea Drilling Project, Volume 4: Washington (U.S. Government Printing Office).

TABLE 1  
Carbon-Carbonate Analyses

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
<b>Site 314</b>				
3-7, 0	44.0	1.0	0.7	3
3-7, 0	44.0	2.6	0.0	21
<b>Hole 315</b>				
1-1, 119	1.2	11.3	0.0	94

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
1-2, 28	1.8	8.2	0.1	67
1-2, 86	2.4	11.3	0.0	94
1-2, 118	2.7	10.5	0.1	87
1-3, 79	3.8	11.1	0.0	92
1-4, 44	4.9	10.5	0.0	87
1-5, 20	6.2	11.3	0.0	94
1-6, 135	8.9	10.5	0.1	87
4-2, 116	59.2	10.6	0.0	88
4-2, 134	59.3	9.0	0.0	75
4-3, 50	60.0	10.2	0.1	85
4-3, 87	60.4	11.0	0.0	92
4-4, 90	61.9	8.4	0.0	69
4-4, 120	62.2	10.5	0.0	87
4-5, 3	62.5	9.1	0.0	75
4-5, 140	63.9	11.4	0.0	95
4-6, 17	64.2	11.1	0.0	92
4-7, 0	65.5	11.0	0.0	91
<b>Hole 315A</b>				
1-1, 100	77.0	11.6	0.0	96
1-2, 20	77.7	10.8	0.0	90
1-3, 20	79.2	10.8	0.0	90
1-4, 45	81.0	10.6	0.0	88
1-5, 30	82.3	11.1	0.0	93
1-5, 130	83.3	10.6	0.0	88
1-6, 131	84.8	11.2	0.0	93
2-1, 81	124.3	10.7	0.0	89
3-1, 60	142.8	10.6	0.0	88
3-3, 10	145.3	10.9	0.0	91
3-4, 70	147.4	11.1	0.0	92
3-5, 1	148.2	10.0	0.0	83
3-6, 33	150.0	10.3	0.0	85
4-1, 124	257.2	11.0	0.0	91
4-2, 51	258.0	11.1	0.0	92
4-3, 20	259.2	11.3	0.0	94
4-3, 100	260.0	11.1	0.0	92
4-3, 120	260.2	11.5	0.0	96
5-1, 8	370.1	11.1	0.0	92
5-1, 66	370.7	10.7	0.0	89
5-2, 95	372.5	10.0	0.0	83
6-1, 61	465.6	11.0	0.0	91
6-2, 50	467.0	11.1	0.0	92
6-3, 17	468.2	10.6	0.0	88
6-7, 0	474.0	10.8	0.0	90
7-1, 118	513.7	11.5	0.0	95
7-2, 86	514.9	11.1	0.0	92
8-1, 21	588.7	11.4	0.0	94
8-2, 75	590.8	11.4	0.0	95
8-3, 30	591.8	11.4	0.0	95
9-1, 112	703.6	11.6	0.0	96
9-2, 15	704.2	11.5	0.0	96
10-1, 13	730.9	10.8	0.0	90
10-2, 45	732.8	11.0	0.0	91
10-3, 90	734.7	11.2	0.0	93
10-4, 0	735.3	11.4	0.0	95
10-4, 85	736.2	2.7	0.1	22
10-5, 8	736.9	1.1	0.0	9
10-5, 140	738.2	0.1	0.0	1
10-6, 88	739.2	1.0	0.0	9

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
10-7, 0	739.8	3.4	0.0	28
15-1, 120	779.2	0.3	0.0	3
15-2, 39	779.9	0.2	0.0	1
16-1, 98	788.5	0.1	0.0	1
16-2, 14	789.1	0.1	0.0	1
16-2, 117	790.2	1.8	0.1	15
17-1, 117	798.2	11.8	0.0	98
17-2, 70	799.2	11.8	0.1	98
17-2, 85	799.4	1.8	0.0	15
18-1, 54	807.0	4.6	0.0	38
18-1, 86	807.4	11.7	0.0	97
18-2, 71	808.7	6.1	0.0	51
18-4, 145	812.5	5.6	0.0	46
19-2, 118	818.7	7.4	0.0	62
19-3, 52	819.5	4.5	0.1	37
19-3, 149	820.5	5.8	0.0	48
19-4, 48	821.0	6.8	0.0	57
19-4, 120	821.7	7.1	0.1	58
19-5, 29	822.3	6.1	0.0	51
19-6, 62	824.1	5.1	0.1	41
20-1, 143	826.9	5.2	0.0	43
20-2, 96	828.0	7.5	0.1	62
20-3, 53	829.0	4.3	0.0	35
20-4, 41	831.4	5.9	0.0	49
20-4, 139	830.4	8.7	0.0	72
20-5, 78	832.3	4.2	0.1	34
21-2, 32	836.8	10.8	0.0	90
21-2, 46	837.0	6.2	0.1	51
21-5, 90	841.9	4.7	0.0	39
22-3, 75	848.3	6.3	0.1	52
23-2, 1	855.5	3.4	0.1	28
24-1, 83	873.8	1.7	0.1	14
24-2, 30	874.8	8.5	0.0	70
24-3, 112	877.1	9.1	0.0	76
24-6, 26	880.8	6.6	0.0	55
25-1, 136	893.4	4.1	0.0	34
25-2, 72	894.2	5.5	0.0	45
25-3, 48	895.5	2.6	0.0	21
26-1, 130	912.3	1.0	0.0	8
26-2, 36	912.9	0.3	0.1	1
27-1, 122	931.2	0.1	0.0	0
27-6, 62	938.1	0.1	0.0	0
28-2, 1	952.8	0.2	0.1	1
28-3, 76	950.5	0.1	0.0	1
29-1, 55	968.6	0.1	0.1	1
29-2, 14	969.6	0.1	0.1	1
30-1, 100	988.0	0.6	0.1	4
30-2, 40	988.9	0.2	0.0	1
30-2, 135	989.9	0.1	0.0	0
<b>Site 316</b>				
1-1, 25	0.3	10.9	0.1	91
1-1, 33	0.3	7.6	0.1	62
1-2, 85	2.4	7.0	0.1	58
1-3, 103	4.0	11.3	0.0	94
1-4, 57	5.1	10.9	0.0	91
1-5, 75	6.8	11.2	0.0	93
1-6, 40	7.9	11.4	0.0	94
2-1, 104	154.0	10.4	0.0	86
2-2, 75	155.3	10.5	0.0	87
3-1, 124	268.2	10.3	0.0	86
3-2, 75	269.3	10.3	0.0	86
4-1, 122	391.7	10.0	0.0	83
4-2, 131	393.3	9.1	0.0	76
5-1, 111	448.6	11.2	0.0	93
5-2, 103	450.0	10.9	0.0	91

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
7-1, 144	467.9	11.4	0.1	94
7-2, 5	468.1	12.2	0.0	101
8-1, 141	477.4	10.7	0.0	89
9-1, 100	486.5	11.2	0.0	93
10-1, 91	495.9	5.8	0.0	48
11-1, 135	515.4	11.2	0.0	93
12-1, 123	524.7	11.6	0.0	97
12-2, 15	525.2	10.7	0.0	89
13-1, 54	533.5	10.8	0.0	90
14-1, 88	543.4	9.1	0.0	75
15-1, 101	553.0	8.9	0.0	74
16-1, 137	562.9	10.5	0.0	87
16-2, 122	564.2	7.6	0.0	63
17-1, 83	571.8	11.6	0.0	96
17-2, 104	573.5	11.5	0.0	96
18-1, 110	581.6	5.9	0.0	49
18-2, 102	583.0	6.6	0.0	55
18-3, 117	584.7	9.3	0.0	78
18-4, 48	585.5	11.0	0.0	91
18-5, 83	587.3	11.9	0.0	99
19-1, 89	609.9	5.7	0.0	47
19-2, 73	611.2	10.8	0.0	90
19-3, 59	612.6	10.7	0.0	89
19-4, 10	613.6	10.7	0.0	89
20-1, 102	629.0	9.1	0.0	75
20-2, 112	630.6	9.2	0.0	77
20-3, 49	631.5	10.8	0.0	89
20-4, 31	632.8	9.2	0.0	76
21-2, 46	646.0	9.9	0.0	82
21-3, 23	639.5	7.1	0.1	58
21-4, 9	640.7	10.3	0.1	85
21-6, 96	642.1	6.5	0.4	52
22-1, 116	648.2	8.1	0.0	68
22-2, 12	648.6	10.7	0.0	89
22-3, 54	650.5	8.7	0.0	73
23-1, 104	667.0	10.1	0.0	84
23-2, 54	668.0	9.4	0.0	78
23-3, 97	670.0	9.5	0.1	78
23-4, 67	671.2	9.9	0.0	82
23-5, 36	672.4	10.5	0.0	87
24-1, 89	685.9	10.6	0.0	88
24-2, 20	686.7	10.9	0.0	91
24-3, 63	688.6	11.0	0.0	91
24-4, 43	689.9	10.1	0.0	84
24-5, 102	692.0	9.9	0.0	82
25-1, 45	704.5	7.2	0.0	60
25-2, 20	705.7	5.5	0.0	46
25-4, 101	709.5	11.1	0.0	93
25-5, 61	710.6	9.8	0.0	81
26-1, 60	723.6	9.1	0.0	76
26-1, 90	723.9	5.2	0.0	43
26-3, 100	730.3	10.4	0.0	86
26-5, 130	727.0	6.4	0.1	52
27-1, 142	743.4	2.3	0.0	19
27-2, 138	744.9	6.1	0.0	51
27-4, 103	747.5	2.1	0.0	17
28-1, 64	771.1	5.0	0.0	42
28-7, 0	779.5	0.3	0.0	3
30-2, 132	830.3	10.5	0.0	87
<b>Hole 317</b>				
1-1, 16	0.7	11.6	0.0	96
1-1, 120	1.7	11.5	0.0	96
1-2, 58	2.6	11.5	0.0	96
1-3, 64	4.1	11.6	0.0	96
1-4, 100	6.0	11.5	0.0	95

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
1-5, 122	7.7	11.4	0.0	95
1-6, 70	8.7	11.4	0.0	95
2-1, 69	181.2	11.6	0.1	96
2-2, 70	182.7	11.4	0.0	95
2-3, 101	184.5	11.3	0.0	94
2-4, 44	185.4	11.3	0.0	94
2-4, 79	185.8	11.5	0.0	96
2-5, 74	187.2	11.5	0.0	96
2-6, 90	188.9	11.4	0.0	95
3-1, 107	343.1	11.3	0.0	94
<b>Hole 317A</b>				
1-1, 87	402.9	11.5	0.0	96
2-1, 23	554.2	7.5	0.1	62
2-1, 58	554.6	11.4	0.1	94
2-1, 141	555.4	7.8	0.1	65
3-1, 110	564.6	11.7	0.0	97
3-2, 80	565.8	11.8	0.0	98
3-3, 20	566.7	11.7	0.0	97
3-3, 60	567.1	11.9	0.0	99
3-4, 30	568.3	11.7	0.0	98
4-7, 0	582.0	11.5	0.0	96
4-7, 0	582.0	8.3	0.0	68
5-1, 95	577.0	4.8	0.0	39
5-1, 140	577.4	11.0	0.0	91
6-1, 22	582.7	11.5	0.0	95
6-1, 139	583.9	7.5	0.1	62
6-2, 103	585.0	0.3	0.0	2
7-1, 82	592.8	0.4	0.0	3
7-1, 116	593.2	9.9	0.0	82
7-2, 41	593.9	0.7	0.0	5
8-1, 89	602.4	3.7	0.0	31
9-1, 68	611.7	11.0	0.0	91
9-2, 105	613.6	10.9	0.0	91
10-1, 64	621.1	11.1	0.0	92
10-2, 130	623.3	6.5	0.0	54
10-3, 149	625.0	4.8	0.0	39
11-3, 3	633.0	9.3	0.0	77
11-4, 98	635.5	10.5	0.0	87
11-5, 78	636.8	5.3	0.0	44
12-4, 7	644.1	7.6	0.1	63
12-6, 84	647.8	5.2	0.1	43
12-6, 148	648.5	0.7	0.1	6
13-1, 141	650.4	4.8	0.0	40
13-2, 9	650.6	7.2	0.0	60
13-2, 37	650.9	5.3	0.1	44
13-2, 49	651.0	0.2	0.1	1
13-3, 56	652.6	7.3	0.1	60
13-3, 110	653.1	6.3	0.1	52
13-3, 143	653.4	0.5	0.1	3
13-4, 66	654.2	0.2	0.0	1
13-4, 88	654.4	3.4	0.1	27
14-1, 85	659.4	0.2	0.1	1
14-1, 107	659.6	1.2	0.1	9
14-3, 49	662.0	0.1	0.1	1
14-4, 75	663.8	2.3	0.1	19
15-2, 53	670.0	0.2	0.1	1
15-3, 96	672.0	0.2	0.1	1
16-1, 67	678.2	0.2	0.1	1
16-2, 80	679.8	0.3	0.1	1
16-2, 133	680.3	30.0	28.7	11
16-4, 58	682.6	0.2	0.1	0
17-2, 113	689.6	0.2	0.1	1
17-3, 90	690.9	0.1	0.1	0
18-2, 75	698.8	0.1	0.1	0
18-2, 100	699.0	0.1	0.1	0

TABLE 1 - Continued

Core-Section Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
19-3, 58	719.1	0.2	0.1	0
19-3, 105	719.6	0.1	0.1	0
19-4, 83	720.8	0.1	0.1	0
20-2, 50	727.0	0.3	0.1	1
21-3, 91	738.4	0.2	0.1	0
21-4, 137	740.4	0.4	0.1	2
22-2, 91	755.9	0.1	0.1	0
22-4, 7	758.1	0.1	0.1	0
22-4, 63	758.6	0.1	0.1	0
22-4, 139	759.4	0.1	0.1	0
23-1, 127	764.3	0.2	0.1	0
24-1, 67	773.2	0.1	0.1	0
24-2, 109	775.1	0.1	0.1	0
24-4, 65	777.7	0.2	0.1	0
24-4, 115	778.2	0.2	0.1	0
25-2, 60	793.6	0.1	0.1	0
25-5, 39	797.9	0.1	0.1	0
26-1, 107	821.1	0.1	0.1	0
26-3, 100	824.0	0.1	0.1	0
26-4, 98	825.5	0.1	0.1	0
26-5, 149	827.5	0.1	0.1	0
27-5, 140	837.4	0.1	0.1	1
28-1, 120	849.7	0.1	0.1	0
28-2, 34	850.3	0.1	0.1	0
28-6, 102	857.0	0.2	0.1	1
29-2, 140	870.4	0.1	0.1	0
29-5, 17	873.7	0.1	0.1	0
30-1, 88	887.4	0.2	0.1	0
30-2, 26	888.3	0.1	0.1	0
<b>Hole 317B</b>				
1-1, 30	0.4	11.5	0.1	95
1-2, 40	2.0	11.7	0.1	97
1-6, 106	8.7	11.6	0.1	96
2-1, 66	7.2	11.7	0.0	97
2-1, 86	7.4	11.7	0.0	97
2-3, 90	10.4	11.7	0.0	97
2-4, 22	11.2	11.7	0.0	97
2-4, 135	12.4	11.8	0.0	98
3-1, 36	16.4	11.8	0.1	98
3-4, 50	21.0	11.7	0.1	97
3-5, 56	22.6	11.7	0.1	97
4-2, 46	27.5	11.7	0.1	97
4-3, 83	29.3	11.8	0.1	98
5-1, 85	35.9	11.5	0.1	96
5-4, 66	40.2	11.7	0.0	97
5-6, 22	42.7	11.7	0.0	97
6-3, 75	48.3	11.5	0.0	95
6-5, 56	51.1	11.8	0.0	98
7-4, 61	59.1	11.8	0.0	98
8-2, 76	65.8	11.9	0.0	99
8-4, 66	68.7	11.9	0.0	99
9-1, 66	73.7	11.7	0.0	97
9-3, 75	76.8	11.7	0.0	97
9-5, 90	79.9	11.6	0.1	97
10-1, 84	83.3	11.7	0.1	96
10-3, 65	86.2	11.7	0.0	97
11-2, 135	94.9	11.6	0.0	97
12-1, 75	102.3	11.6	0.0	96
12-3, 45	105.0	11.5	0.0	96
12-5, 65	108.2	11.7	0.0	97
13-1, 129	112.8	11.7	0.0	97
13-3, 66	115.2	11.7	0.0	97
16-1, 139	141.2	11.7	0.0	97
16-2, 65	142.0	10.5	0.0	87
16-4, 105	145.4	10.5	0.0	87

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
16-6, 65	148.0	10.6	0.0	88
17-1, 88	149.9	10.5	0.0	87
18-3, 46	162.0	11.5	0.0	95
18-5, 20	164.7	10.4	0.0	87
19-2, 72	170.2	11.5	0.0	96
19-4, 66	173.2	11.5	0.0	95
19-6, 90	176.4	11.2	0.0	93
20-2, 75	179.8	11.8	0.0	98
20-4, 80	182.8	11.8	0.0	98
20-6, 26	185.3	11.8	0.0	98
22-1, 128	197.8	11.7	0.0	97
22-3, 55	200.1	11.8	0.0	98
22-5, 70	203.2	11.7	0.0	97
23-1, 76	207.3	11.7	0.0	97
23-3, 98	210.5	11.7	0.0	97
23-5, 27	212.8	11.5	0.0	95
24-1, 51	216.0	11.7	0.0	97
24-3, 44	218.9	11.6	0.0	96
24-4, 77	220.8	11.7	0.0	97
24-6, 46	223.5	11.8	0.0	98
25-2, 84	227.3	11.8	0.0	98
25-4, 71	230.2	11.8	0.0	98
25-6, 64	233.1	11.8	0.0	98
27-1, 31	244.3	11.7	0.0	97
27-3, 43	247.4	11.5	0.0	95
27-5, 68	250.7	11.8	0.0	98
28-2, 85	255.9	11.8	0.0	98
28-4, 41	258.4	11.8	0.1	98
28-6, 53	266.5	11.9	0.0	98
29-3, 84	266.8	12.0	0.0	99
29-5, 24	269.2	12.0	0.0	100
30-2, 64	274.6	11.8	0.0	98
30-4, 16	277.2	11.8	0.0	98
30-6, 57	280.6	11.8	0.0	98
31-2, 104	284.5	11.8	0.0	98
31-4, 55	287.6	12.1	0.0	100
31-6, 65	290.7	11.7	0.0	97
32-2, 58	293.6	11.8	0.0	98
32-4, 55	296.6	11.9	0.0	99
34-2, 45	312.5	12.0	0.0	99
34-5, 91	317.4	12.0	0.1	100
35-3, 114	324.1	12.0	0.2	99
35-5, 74	326.7	11.9	0.0	99
36-2, 84	332.3	12.0	0.0	100
36-6, 95	338.5	11.5	0.0	95
37-4, 15	343.7	11.6	0.0	96
38-3, 84	352.3	11.9	0.0	99
38-5, 128	355.8	11.9	0.0	98
39-1, 11	358.6	11.7	0.0	97
39-1, 127	359.8	11.9	0.0	99
39-3, 17	361.7	11.8	0.1	98
39-4, 26	363.3	12.1	0.0	100
39-4, 66	363.7	11.6	0.0	96
40-2, 103	370.0	11.6	0.0	96
40-4, 93	372.9	12.0	0.0	100
Site 318				
1-1, 126	1.3	11.9	0.0	99
1-2, 82	2.3	11.6	0.1	96
1-3, 70	3.7	11.8	0.0	98
1-4, 81	5.3	11.8	0.0	98
1-5, 98	7.0	11.8	0.0	98
2-2, 30	28.3	11.8	0.0	98
3-1, 46	65.0	11.9	0.0	99
4-1, 49	93.8	11.8	0.0	98

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
4-2, 68	95.5	11.7	0.0	97
4-3, 70	97.7	11.5	0.0	96
4-4, 79	98.6	11.8	0.0	98
4-5, 50	99.8	11.7	0.0	97
4-6, 90	101.7	11.8	0.0	98
5-2, 81	124.0	12.0	0.0	100
5-3, 121	125.9	12.0	0.0	99
5-4, 85	127.1	11.9	0.0	99
5-5, 79	128.5	11.8	0.0	98
5-6, 44	129.6	11.2	0.1	92
6-1, 76	151.3	11.6	0.0	96
6-2, 80	152.8	11.9	0.0	99
6-3, 78	154.3	12.0	0.1	100
6-4, 55	155.6	12.0	0.1	100
6-5, 80	157.3	12.0	0.0	100
6-6, 60	158.6	12.0	0.0	100
7-1, 70	179.7	11.9	0.0	99
7-2, 84	181.3	11.5	0.0	96
7-3, 114	183.1	11.8	0.0	98
7-4, 60	184.1	11.6	0.0	96
7-5, 13	185.5	11.7	0.0	97
7-6, 78	187.3	11.7	0.0	98
8-1, 74	207.7	11.8	0.0	98
8-2, 73	209.2	11.8	0.0	98
8-3, 102	211.0	11.7	0.0	97
9-1, 77	236.3	11.9	0.0	99
9-2, 85	237.9	11.9	0.0	99
10-1, 112	265.1	0.6	0.1	4
10-2, 105	266.6	11.4	0.0	95
10-3, 80	267.8	11.6	0.0	96
10-4, 66	269.2	11.4	0.0	94
11-1, 88	293.4	11.3	0.0	94
11-2, 77	294.8	11.6	0.0	96
11-3, 68	296.2	11.8	0.0	98
11-4, 55	297.6	11.5	0.0	95
11-5, 77	299.3	10.6	0.0	88
11-6, 90	300.9	11.7	0.0	97
12-1, 73	321.7	11.6	0.0	97
12-2, 28	322.8	11.2	0.0	93
13-1, 113	350.6	11.8	0.0	98
13-2, 35	351.4	11.4	0.0	94
14-1, 79	378.8	10.9	0.0	91
14-2, 120	380.7	11.0	0.0	91
14-3, 132	382.3	11.2	0.0	93
15-1, 100	407.5	11.6	0.0	96
15-2, 128	409.3	11.0	0.0	91
16-1, 101	436.0	11.8	0.0	98
16-2, 131	437.8	11.7	0.0	97
16-3, 70	438.7	11.7	0.1	97
17-1, 112	464.6	11.6	0.0	96
17-2, 95	466.0	11.6	0.1	96
18-1, 72	492.7	11.6	0.1	96
18-2, 135	494.9	11.9	0.1	98
20-1, 102	550.0	11.3	0.1	93
20-2, 57	551.1	11.4	0.1	94
20-3, 82	552.8	11.5	0.1	95
20-4, 100	554.5	11.4	0.1	95
20-5, 37	555.4	6.7	0.1	55
21-1, 93	578.4	11.1	0.1	92
21-2, 19	579.2	10.6	0.1	87
21-3, 62	581.1	10.3	0.4	83
22-1, 65	597.2	10.0	0.1	83
22-2, 67	598.7	10.4	0.1	86
22-3, 50	600.0	4.6	0.1	37
22-4, 109	602.1	9.6	0.1	80
23-2, 20	607.7	9.7	0.2	79
23-3, 5	609.1	6.8	0.4	54

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
24-1, 24	615.7	2.2	0.1	17
24-2, 26	617.3	9.9	0.1	82
24-3, 87	619.4	9.9	0.1	82
24-4, 73	620.7	6.1	0.1	50
25-2, 93	627.4	9.4	0.1	78
25-3, 20	628.2	7.7	0.1	64
25-4, 120	630.7	0.7	0.1	5
26-2, 36	636.4	4.4	0.1	36
26-3, 57	638.1	0.7	0.1	5
26-4, 83	639.8	5.6	0.1	46
26-5, 36	640.9	0.9	0.1	7
27-1, 107	645.1	7.4	0.1	61
27-2, 118	646.7	5.9	0.1	48

TABLE 1 - Continued

Core-Section, Top of Interval (cm)	Subbottom Depth (m)	Total Carbon (%)	Organic Carbon	CaCO <sub>3</sub>
28-2, 106	665.6	0.5	0.1	4
28-3, 102	667.0	4.2	0.1	34
29-1, 124	683.2	1.2	0.2	9
29-2, 93	684.4	4.1	0.1	34
30-1, 119	702.2	0.4	0.2	2
30-2, 132	703.8	0.6	0.1	4
30-3, 89	704.9	5.3	0.1	43
31-2, 47	721.5	2.4	0.1	19
32-1, 62	739.6	0.3	0.1	2
32-3, 69	741.2	2.1	0.1	16
32-3, 22	742.2	3.1	0.1	24
32-4, 3	743.5	1.5	0.1	11