APPENDIX VI. CARBON AND CARBONATE ANALYSES, LEG 18

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Leg 18 carbon-carbonate samples were analyzed using procedures modified from those outlined in the *Initial Reports of the Deep Sea Drilling Project, Volume IX.* Modifications of the procedure included standard use of ultra high purity oxygen with the LECO carbon analyzer and one scoop (approximately 1 gram) of iron chips. All other instrumental parameters remained the same. Blank corrections were not necessary.

Because of the large number of samples with less than 10 per cent calcium carbonate and the lack of time available, it was decided not to re-analyze these samples to obtain greater precision. The precision for the Leg 18 samples is as follows:

Total Carbon
(0 to 12 per cent) = ±0.2% (absolute variation)
Organic Carbon = ±0.04% (absolute variation)
Calcium Carbonate
(0 to 100 per cent) = ±3% (absolute variation)

TABLE 1
Carbon-Carbonate Analyses, Leg 18

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
Site 172				
1-1(14.0)	0.1	1.6	0.9	0
1-2(14.0)	1.6	0.1	0.1	0
1-3(14.0)	3.1	0.1	0.1	0
1-5(14.0)	6.1	0.1	0.1	0
1-6(14.0)	7.6	0.0	0.1	0
2-1(24.0)	8.2	0.1	0.1	0
2-2(14.0)	9.6	0.1	0.1	0
2-3(14.0)	11.1	0.1	0.0	1
2-9(14.0)	20.1	0.0	0.0	0
2-5(14.0)	14.1	0.1	0.0	0
2-6(44.0)	15.9	0.0	0.0	0
3-1(14.0)	17.1	0.0	0.0	0
3-2(52.0)	19.0	0.0	0.1	0
3-3(14.0)	14.0	0.0	0.1	0
3-4(14.0)	21.6	0.4	0.1	2
Site 173				
1-1(14.0)	0.1	1.6	0.9	6
1-2(14.0)	1.6	1.1	0.8	2
1-3(15.0)	3.2	1.3	0.9	3
1-4(14.0)	4.6	1.0	0.7	3
2-1(14.0)	5.6	1.2	1.0	1
2-2(14.0)	7.1	1.2	1.0	2
2-3(14.0)	8.6	1.3	0.6	5
2-4(14.0)	10.1	1.4	0.9	4
2-5(14.0)	11.6	1.7	0.9	7
3-1(14.0)	15.1	1.1	0.7	4
3-2(14.0)	16.6	1.5	0.8	6
3-3(14.0)	18.1	2.3	0.8	13
3-4(104.0)	20.5	1.2	0.7	5
3-5(18.0	21.2	1.1	0.7	3
3-6(27.0)	22.8	1.3	0.5	7
4-1(18.0)	24.7	1.2	0.9	2
4-2(14.0)	26.1	1.0	0.8	2
4-3(14.0)	27.6	2.8	0.7	18
4-4(14.0)	29.1	0.9	0.0	8
4-5(14.0)	30.6	1.4	0.9	5
5-1(101.0)	35.0	2.5	0.8	14
5-2(14.0)	35.6	0.9	0.6	2
5-3(14.0)	37.1	0.9	0.7	2
5-4(14.0)	38.6	0.9	0.7	2
5-5(14.0)	40.1	1.1	0.8	3
6-1(120.0)	44.7	1.3	0.7	5
6-2(14.0)	45.1	2.0	0.7	11
6-3(14.0)	46.6	1.7	0.6	9
7-1(50.0)	53.5	1.4	0.8	5
7-2(14.0)	54.6	1.0	0.7	2
7-3(14.0)	56.1	1.0	0.8	2
7-4(14.0)	57.6	0.7	0.7	0
8-1(93.0)	63.4	0.7	0.7	0
8-2(14.0)	64.1	0.7	0.6	1
8-3(14.0)	65.6	1.4	0.9	5
8-4(14.0)	67.1	2.1	0.8	11
8-5(14.0)	68.6	1.0	0.7	3
8-6(14.0)	70.1	0.6	0.7	0
9-1(96.0)	73.0	0.8	0.7	1
9-2(14.0)	73.6	0.9	0.7	2
9-3(14.0)	74.1	1.5	0.9	6
9-4(10.0)	76.8	0.7	0.6	0
9-5(14.0)	78.1	0.7	0.7	0
9-6(14.0)	79.6	0.9	0.8	1
10-1(80.0)	82.3	0.9	0.8	0
10-2(14.0)	83.1	0.8	0.8	0
10-3(42.0)	84.9	0.7	0.7	0
10-4(30.0)	86.3	1.3	0.7	5
10-5(14.0)	87.6	1.1	0.6	4
10-6(14.0)	89.1	0.9	0.7	5
11-1(56.0)	91.6	1.4	0.7	5
11-2(14.0)	92.6	1.0	0.7	2
11-3(14.0)	94.1	1.4	0.8	5
11-4(14.0)	95.6	1.7	0.7	8
12-1(14.0)	100.6	1.9	0.7	10
12-2(14.0)	102.1	0.9	0.8	0
12-3(14.0)	103.6	1.3	1.1	2
12-4(14.0)	105.1	2.3	0.9	11
12-5(70.0)	107.2	2.7	0.7	16
12-6(20.0)	108.2	2.4	0.7	14

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
13-1(14.0)	110.1	1.8	0.8	9
13-2(16.0)	111.7	1.6	0.8	7
13-3(14.0)	113.1	1.6	0.7	7
13-5(14.0)	116.1	1.3	0.8	5
13-6(33.0)	117.8	1.3	0.8	4
14-1(70.0)	120.2	1.1	0.8	2
14-2(14.0)	121.1	1.8	0.6	10
14-3(14.0)	122.6	0.7	0.7	0
15-2(70.0)	131.2	0.8	0.8	0
15-3(14.0)	132.1	1.1	0.6	5
15-4(14.0)	133.6	1.1	0.7	3
16-1(55.0)	139.1	1.7	0.7	9
16-2(15.0)	140.2	1.0	0.6	3
16-3(14.0)	141.6	3.1	0.5	22
17-2(71.0)	150.2	1.2	0.6	5
17-3(14.0)	151.1	1.6	0.8	6
18-2(14.0)	159.1	4.4	0.6	32
18-3(14.0)	160.6	3.9	0.5	28
18-4(14.0)	162.1	2.1	0.8	11
18-5(14.0)	163.6	1.3	0.7	5
19-2(13.0)	168.6	1.3	0.8	4
19-3(14.0)	170.1	1.9	0.5	12
19-4(13.0)	171.6	2.0	0.5	12
20-2(14.0)	178.1	1.4	0.5	7
20-3(14.0)	179.6	3.0	0.5	21
21-2(14.0)	187.6	3.4	0.4	24
21-3(14.0)	189.1	2.1	0.5	13
21-4(14.0)	190.6	1.1	0.5	5
22-1(113.0)	196.6	1.5	0.7	6
22-2(43.0)	197.4	2.6	0.8	15
22-3(13.0)	198.6	1.8	1.1	6
22-4(13.0)	200.1	3.2	1.0	19
22-5(14.0)	206.2	3.7	0.7	25
23-1(120.0)	206.2	3.7	0.7	25
23-2(14.0)	206.6	2.2	1.0	10
23-3(15.0)	208.2	2.2	0.7	13
24-1(104.0)	215.5	6.1	0.4	48
24-2(14.0)	216.1	4.1	0.6	29
24-3(14.0)	217.6	5.5	0.5	42
24-4(14.0)	219.1	4.4	0.5	32
24-5(14.0)	220.6	4.0	0.5	29
25-1(110.0)	225.1	3.2	0.9	19
25-2(14.0)	225.6	2.6	0.8	15
25-3(14.0)	227.1	3.7	0.4	27
25-4(14.0)	228.6	1.7	0.5	10
25-5(14.0)	230.1	2.3	0.4	16
26-2(14.0)	235.1	2.4	0.7	14
26-3(14.0)	236.6	3.1	0.5	22
26-4(14.0)	238.1	3.1	0.7	20
27-1(85.0)	243.9	2.4	0.7	15
27-2(14.0)	244.6	2.7	0.8	16
27-3(14.0)	246.1	3.1	0.5	21
27-4(14.0)	247.6	2.2	0.4	15
28-1(131.0)	253.8	3.4	0.5	24
28-2(140)	254.1	3.3	0.5	23
28-3(14.0)	255.6	2.4	0.5	16
29-1(76.0)	262.8	2.1	1.6	4
29-2(14.0)	263.6	1.3	0.8	4
30-1(6.0)	271.6	0.7	0.5	2

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
31-1(120.0)	282.2	3.3	0.4	14
34-1(133.0)	305.8	2.1	0.4	14
34-2(14.0)	306.1	1.7	0.5	10
34-3(34.0)	307.8	2.5	0.4	18
35-1(106.0)	311.6	2.3	0.5	15
35-2(14.0)	312.1	2.3	0.4	16
35-3(127.0)	314.8	1.8	0.3	12
Site 174				
1-1(14.0)	0.1	1.9	1.0	8
2-1(14.0)	2.1	0.3	0.1	2
Hole 174A				
1-1(90.0)	28.9	1.5	1.0	5
1-2(14.0)	29.6	1.2	0.5	6
1-3(14.0)	31.1	1.4	0.8	5
1-4(10.0)	32.6	0.4	0.1	3
1-5(134.0)	35.3	0.8	0.1	6
2-1(14.0)	37.6	0.4	0.1	3
2-2(14.0)	39.1	0.5	0.1	4
2-3(14.0)	40.6	0.7	0.2	4
2-4(14.0)	42.1	0.9	0.2	5
2-5(14.0)	43.6	0.9	0.3	6
2-6(14.0)	45.1	1.0	0.2	6
3-1(116.0)	48.2	0.6	0.1	4
3-2(14.0)	48.6	0.9	0.2	5
3-3(14.0)	50.1	0.6	0.1	4
4-1(123.0)	57.7	0.6	0.1	4
4-2(14.0)	58.1	0.4	0.1	2
4-3(14.0)	59.6	0.8	0.2	5
4-4(116.0)	62.2	0.7	0.2	4
4-5(14.0)	62.6	0.4	0.1	3
4-6(62.0)	64.6	0.8	0.2	4
5-1(73.0)	66.7	1.0	0.3	6
5-2(76.0)	68.3	0.9	0.3	5
5-3(14.0)	69.1	1.0	0.3	6
5-4(14.0)	70.6	1.2	0.2	8
5-5(14.0)	72.1	1.5	0.5	8
5-6(19.0)	73.7	1.5	0.6	7
6-2(83.0)	77.8	1.1	0.3	6
6-3(14.0)	78.6	0.8	0.2	5
6-4(112.0)	81.1	1.0	0.3	6
6-5(12.0)	81.6	1.1	0.3	6
7-1(37.0)	85.4	1.0	0.2	7
7-2(128.0)	87.8	1.1	0.2	8
7-3(14.0)	88.1	1.2	0.2	8
8-1(13.0)	94.6	1.3	0.2	9
8-2(129.0)	97.3	0.9	0.1	6
8-3(14.0)	97.6	1.5	0.2	11
8-4(79.0)	99.8	1.1	0.2	8
8-5(28.0)	100.8	1.3	0.2	9
8-6(80.0)	102.8	1.4	0.3	9
9-5(139.0)	111.4	1.3	0.2	9
11-2(117.0)	125.7	1.2	0.3	7
11-3(3.0)	126.0	1.2	0.3	7
11-4(63.0)	128.1	1.2	0.3	7
11-5(116.0)	130.2	1.2	0.7	4
11-6(23.0)	130.7	1.0	0.6	3

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
12-1(139.0)	133.9	1.1	0.3	7
12-2(140.0)	135.4	1.4	0.3	9
13-2(20.0)	143.7	0.8	0.3	4
13-3(89.0)	145.9	1.2	0.5	5
13-4(19.0)	146.7	0.9	0.4	5
13-5(44.0)	148.4	0.8	0.3	5
14-3(12.0)	154.6	0.8	0.1	6
15-2(88.0)	163.4	0.4	0.1	1
15-3(35.0)	164.4	0.5	0.1	3
15-4(56.0)	166.1	2.0	0.2	15
15-5(12.0)	167.1	1.1	0.2	7
15-6(76.0)	169.3	1.0	0.2	7
16-2(61.0)	172.6	0.7	0.2	5
16-3(5.0)	173.6	1.1	0.3	7
16-4(43.0)	175.4	1.3	0.3	8
16-5(20.0)	176.7	0.9	0.2	6
16-6(55.0)	178.6	1.0	0.5	4
17-2(109.0)	182.6	0.8	0.3	5
17-3(57.0)	183.6	0.8	0.2	5
18-4(29.0)	194.3	0.8	0.2	5
18-6(120.0)	198.2	0.9	0.3	5
21-2(107.0)	220.6	0.9	0.3	5
22-1(137.0)	228.9	2.3	0.2	17
22-2(120.0)	230.2	1.1	0.3	7
23-3(108.0)	241.1	1.4	0.6	7
23-4(53.0)	242.0	0.8	0.5	3
25-5(75.0)	262.8	0.9	0.3	5
26-2(142.0)	268.4	1.1	0.2	7
27-2(113.0)	277.6	1.4	0.2	10
29-2(78.0)	296.3	1.3	0.3	8
29-3(11.0)	297.1	1.5	0.3	10
31-1(22.0)	313.2	2.2	0.4	15
31-1(29.0)	313.3	2.3	0.4	15
31-1(49.0)	313.5	1.2	0.3	8
31-2(20.0)	314.7	1.3	0.4	8
32-1(60.0)	323.1	1.0	0.4	5
33-1(73.0)	342.2	1.4	0.4	9
34-1(67.0)	370.7	0.9	0.4	4
34-2(17.0)	371.7	0.6	0.3	2
34-3(38.0)	373.4	0.7	0.4	2
34-4(46.0)	375.0	0.9	0.6	2
35-1(70.0)	408.7	1.0	0.4	5
35-2(42.0)	409.9	1.7	0.3	12
37-1(52.0)	503.5	0.6	0.2	4
37-2(93.0)	505.4	1.8	0.3	12
37-2(100.0)	505.5	1.5	0.3	11
38-1(127.0)	637.3	1.4	0.4	8
39-2(32.0)	751.8	1.2	0.8	4
39-3(39.0)	753.4	1.2	0.6	4
40-5(42.0)	775.4	1.1	0.2	7
Site 175				
1-1(100.0)	1.0	1.1	0.8	5
1-2(14.0)	1.6	1.4	0.8	5
1-3(14.0)	3.1	1.4	0.8	5
1-4(14.0)	4.6	1.5	0.9	5

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
2-1(107.0)	6.1	1.9	0.9	8
2-2(14.0)	6.6	1.6	1.2	4
2-3(14.0)	8.1	1.3	1.0	3
2-4(14.0)	9.6	1.6	1.0	5
3-1(13.0)	14.7	1.0	0.5	4
3-2(14.0)	16.1	1.1	0.7	4
3-3(14.0)	17.6	1.1	0.8	3
3-4(14.0)	19.1	0.8	0.6	2
3-5(22.0)	20.7	1.5	0.6	8
4-7(0.0)	33.0	1.0	0.7	2
4-1(90.0)	24.9	2.1	0.6	5
4-2(34.0)	25.8	1.2	0.7	5
4-3(14.0)	27.1	1.3	0.6	6
4-4-14.0)	28.6	1.0	0.6	3
4-5(14.0)	30.1	1.2	0.8	3
5-1(14.0)	33.6	0.9	0.7	2
5-2(15.0)	35.2	1.0	0.7	2
5-3(14.0)	36.6	0.9	0.7	2
5-4(14.0)	38.1	1.1	0.8	2
5-5(19.0)	39.7	1.1	0.7	3
5-6(14.0)	41.1	1.0	0.6	3
6-1(27.0)	43.3	1.0	0.7	3
6-2(18.0)	44.7	1.1	0.7	4
6-3(15.0)	46.2	1.5	0.8	5
6-4(13.0)	47.6	1.6	0.8	7
6-5(16.0)	49.2	1.6	1.0	5
6-6(10.0)	50.6	1.5	0.8	6
7-1(10.0)	52.6	1.8	0.7	9
7-2(43.0)	54.4	1.0	0.7	2
7-3(14.0)	55.6	1.4	0.7	5
8-2(12.0)	63.6	1.3	0.9	3
9-2(14.0)	73.1	1.2	0.7	4
9-3(12.0)	74.6	1.4	0.7	6
9-4(16.0)	76.2	1.1	0.7	3
10-1(85.0)	81.9	1.0	0.7	3
10-2(7.0)	82.6	0.9	0.7	2
10-3(7.0)	84.1	0.8	0.6	2
10-4(11.0)	85.6	0.8	0.6	1
10-5(18.0)	87.2	0.7	0.7	0
11-2(10.0)	92.1	1.2	0.9	3
11-3(14.0)	93.6	1.4	0.9	4
11-4(13.0)	95.1	1.3	1.0	3
11-5(12.0)	96.6	1.3	0.8	4
12-1(75.0)	100.8	1.6	0.7	8
13-2(16.0)	111.2	1.6	0.9	6
13-3(10.0)	112.6	1.1	0.7	4
13-4(10.0)	114.1	1.0	0.6	3
14-2(38.0)	120.9	1.0	0.3	6
14-3(15.0)	122.2	1.1	0.3	7
14-4(10.0)	123.6	1.1	0.3	7
14-5(14.0)	125.1	1.2	0.3	8
14-6(10.0)	126.6	1.1	0.3	7
15-2(10.0)	130.1	0.8	0.4	4
15-3(10.0)	131.6	1.3	0.7	5
15-4(8.0)	133.1	1.9	0.8	10
15-5(53.0)	135.0	1.4	0.6	6
16-1(41.0)	138.4	1.3	0.7	5
16-2(10.0)	139.6	1.3	0.5	7
16-3(11.0)	141.1	1.5	0.6	7
16-6(38.0)	145.9	2.3	0.7	13

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
17-2(10.0)	149.1	2.0	0.9	9
17-3(10.0)	150.6	2.1	0.6	12
17-4(10.0)	152.1	1.4	0.5	8
17-5(11.0)	153.6	1.2	0.6	5
17-6(8.0)	155.1	1.3	0.5	7
18-1(10.0)	157.1	1.7	0.7	9
18-2(7.0)	158.6	2.2	0.8	12
18-3(8.0)	160.1	1.0	0.6	3
18-4(23.0)	161.7	1.5	0.7	7
19-1(71.0)	167.2	1.6	0.2	12
19-2(80.0)	168.8	1.6	0.2	12
20-1(68.0)	176.7	1.2	1.1	1
20-2(8.0)	177.6	1.0	0.8	1
20-3(21.0)	179.2	0.9	0.9	2
21-1(47.0)	186.0	2.0	0.7	11
21-2(80.0)	187.8	1.6	0.2	12
Site 176				
1-1(13.0)	0.1	1.3	0.4	8
1-2(20.0)	1.7	0.8	0.5	2
1-3(16.0)	3.2	1.7	0.3	12
1-4(32.0)	4.8	1.4	0.4	9
2-1(20.0)	6.2	1.6	0.4	10
2-1(78.0)	6.8	1.6	0.4	10
2-2(13.0)	7.6	1.6	0.5	10
2-3(10.0)	9.1	1.4	0.4	9
2-4(13.0)	10.6	1.3	0.4	7
2-5(13.0)	12.1	0.9	0.6	2
2-6(28.0)	13.8	0.6	0.4	2
3-1(10.0)	15.1	0.7	0.4	3
3-2(10.0)	16.6	1.8	0.2	13
3-2(71.0)	17.2	1.9	0.3	13
3-3(37.0)	18.4	1.9	0.3	13
3-4(12.0)	19.6	1.7	0.3	12
3-5(10.0)	21.1	1.2	0.4	6
4-2(17.0)	25.7	0.9	0.3	5
4-3(10.0)	27.1	1.4	0.3	9
4-4(14.0)	28.6	0.8	0.4	3
4-5(10.0)	30.1	0.8	0.3	4
4-5(55.0)	30.6	1.4	0.3	9
4-6(10.0)	31.6	0.7	0.3	3
5-1(33.0)	32.3	1.7	0.2	12
5-3(16.0)	35.2	1.3	0.3	9
5-5(112.0)	39.1	0.9	0.3	5
5-6(37.0)	39.9	0.7	0.3	3
Site 177				
1-1(13.0)	0.1	1.6	0.4	9
1-2(13.0)	1.6	0.5	0.2	2
1-3(15.0)	3.2	0.3	0.2	1
1-4(12.0)	4.6	0.4	0.2	1
1-5(12.0)	6.1	0.3	0.2	1
1-6(16.0)	7.7	0.3	0.2	1
Site 177A				
1-1(32.0)	9.3	0.4	0.2	2
1-2(13.0)	10.6	1.3	0.3	9
2-2(28.0)	19.8	0.5	0.2	2
2-5(40.0)	24.4	0.5	0.2	2
2-6(13.0)	25.6	0.6	0.2	3

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
3-1(14.0)	17.1	0.8	0.5	2
3-2(13.0)	28.6	0.4	0.2	2
3-3(10.0)	30.1	0.4	0.2	1
3-4(13.0)	31.6	0.5	0.3	2
3-5(13.0)	33.1	0.5	0.3	2
3-6(13.0)	34.6	0.6	0.3	2
4-1(40.0)	36.4	0.8	0.5	3
4-2(10.0)	37.6	0.4	0.2	1
4-3(12.0)	39.1	0.4	0.3	1
4-4(10.0)	40.6	0.6	0.4	2
4-5(10.0)	42.1	0.8	0.3	4
5-1(10.0)	45.1	0.5	0.4	1
5-2(12.0)	46.6	0.4	0.2	1
5-3(57.0)	48.6	0.4	0.3	1
5-4(18.0)	49.7	0.4	0.3	1
5-5(13.0)	51.1	0.3	0.2	1
5-6(13.0)	52.6	0.4	0.3	1
6-1(46.0)	54.5	0.9	0.5	3
6-2(13.0)	55.6	0.5	0.3	1
6 3(12.0)	57.1	0.4	0.3	1
6-4(10.0)	48.6	0.4	0.2	2
6-5(13.0)	60.1	0.7	0.4	2
7-1(30.0)	61.3	0.7	0.5	2
7-2(17.0)	62.7	0.6	0.4	1
8-1(5.0)	79.6	0.4	0.4	1
8-2(21.0)	81.2	0.8	0.6	1
8-4(63.0)	84.6	0.8	0.7	1
8-5(13.0)	85.6	0.6	0.5	1
8-6(5.0)	87.1	0.4	0.3	1
9-2(37.0)	90.9	0.4	0.2	1
9-3(75.0)	92.8	0.3	0.2	1
9-4(15.0)	93.7	0.3	0.2	1
9-5(27.0)	95.3	0.3	0.2	1
9-6(22.0)	96.7	0.3	0.2	1
10-3(28.0)	101.8	0.3	0.2	1
10-4(33.0)	103.3	0.6	0.3	2
11-1(111.0	118.6	0.6	0.4	1
11-2(8.0	119.1	0.5	0.4	1
11-3(9.0)	120.6	0.6	0.5	1
11-3(9.0)	120.6	0.6	0.5	1
11-4(14.0)	122.1	0.7	0.5	1
12-2(11.0)	147.6	0.3	0.2	1
12-3(12.0)	149.1	0.5	0.2	2
14-2(18.0)	204.7	0.9	0.6	3
14-3(16.0)	206.2	1.2	0.4	7
14-4(8.0)	207.6	2.1	0.6	13
14-5(8.0)	209.1	0.8	0.4	3
14-6(4.0)	210.5	0.7	0.4	2
15-1(125.0)	213.8	0.9	0.4	4
15-2(31.0)	214.3	0.4	0.3	1
15-3(110.0)	216.0	1.0	0.1	7
15-4(11.0)	217.1	1.6	0.2	12
15-5(32.0)	218.8	1.7	0.6	10
16-1(125.0)	223.3	1.3	0.4	7
16-2(55.0)	224 1	0.9	0.6	3
17-2(4.0)	233.0	0.4	0.2	2
17-3(34.0)	234 8	0.5	0.2	2
17-4(59.0)	236.6	0.5	0.2	2
18-1(38.0)	241.4	0.6	0.4	1
18-2(10.0)	242.6	0.5	0.3	2
18-3(13.0)	244.1	0.6	0.4	2

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
19-1(100.0)	251.5	0.7	0.3	3
19-2(38.0)	252.4	0.7	0.3	3
19-3(42.0)	253.9	0.7	0.3	3
20-1(130.0)	261.3	0.6	0.3	3
20-2(44.0)	261.9	0.5	0.3	2
20-3(70.0)	263.7	0.5	0.3	2
21-1(88.0)	270.4	0.6	0.3	2
21-2(48.0)	271.6	0.6	0.3	3
21-3(65.0)	273.2	0.5	0.3	2
22-2(90.0)	281.4	0.5	0.3	1
22-3(116.0)	283.2	0.4	0.3	1
22-4(100.0)	284.5	0.5	0.4	1
23-1(94.0)	346.4	0.5	0.4	1
23-2(4.0)	347.0	0.7	0.7	0
23-3(75.0)	349.3	0.6	0.5	1
23-4(83.0)	350.8	0.7	0.5	1
23-5(25.0)	351.8	0.6	0.5	1
23-5(93.0)	352.4	0.7	0.6	1
23-5(95.0)	352.5	0.6	0.4	2
25-3(69.0)	385.2	1.9	0.6	11
25-4(68.0)	386.7	4.9	0.4	37
26-1(80.0)	450.8	0.7	0.6	1
Site 178				
1-1(50.0)	0.5	0.8	0.6	1
1-2(14.0)	1.6	1.0	0.7	2
1-3(14.0)	3.1	0.6	0.4	1
1-4(14.0)	4.6	0.6	0.5	1
2-1(96.0)	7.0	0.7	0.6	1
2-2(76.0)	8.3	0.6	0.5	1
2-3(14.0)	9.1	0.7	0.3	3
3-1(107.0)	16.1	0.6	0.5	1
3-2(14.0)	16.6	0.6	0.5	1
3-3(14.0)	18.1	0.4	0.3	1
3-4(14.0)	19.6	0.4	0.3	1
4-1(92.0)	24.9	0.8	0.5	2
4-2(14.0)	25.6	0.6	0.5	0
4-3(14.0)	27.1	0.6	0.5	1
4-4(14.0)	28.6	0.7	0.7	0
5-1(75.0)	33.8	0.7	0.6	1
5-2(14.0)	34.6	0.8	0.7	1
5-3(14.0)	36.1	0.7	0.6	1
5-4(14.0)	37.6	0.7	0.6	1
6-2(15.0)	43.7	0.6	0.5	1
6 3(14.0)	45.1	0.5	0.5	1
6-4(14.0)	46.6	0.6	0.5	1
8-1(54.0)	60.5	0.4	0.3	1
8-2(14.0)	61.6	0.7	0.5	2
8-3(14.0)	63.1	0.6	0.6	0
8-4(20.0)	64.7	0.4	0.4	0
9-1(90.0)	69.9	0.4	0.5	0
9-2(14.0)	70.6	0.6	0.5	1
9-3(14.0)	72.1	0.5	0.5	0
9-4(14.0)	73.6	0.7	0.5	1
10-1(104.0)	79.0	0.7	0.5	1
10-2(14.0)	79.6	0.7	0.5	1
10-3(14.0)	81.1	0.6	0.5	0
11-1(58.0)	87.6	0.6	0.5	1
11-2(13.0)	88.6	0.6	0.5	0

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
12-2(14.0)	97.6	0.4	0.4	0
12-3(14.0)	99.1	0.7	0.5	2
13-1(94.0)	105.9	0.9	0.5	4
13-2(13.0)	106.6	0.4	0.4	0
13-3(14.0)	108.1	0.6	0.5	0
15-1(14.0)	123.1	0.5	0.4	0
15-2(14.0)	124.6	0.4	0.4	0
16-3(14.0)	135.1	0.5	0.5	0
16-4(14.0)	136.6	0.2	0.3	0
17-1(86.0)	141.9	0.5	0.5	0
17-2(13.0)	142.6	0.5	0.4	0
17-3(14.0)	144.1	0.5	0.5	0
17-4(14.0)	145.6	0.4	0.4	0
17-5(13.0)	147.1	0.4	0.3	1
18-1(96.0)	151.0	0.3	0.3	0
18-2(9.0)	151.6	0.3	0.2	0
18-3(14.0)	153.1	0.4	0.2	1
19-1(40.0)	159.4	0.5	0.4	1
19-2(14.0)	160.6	0.3	0.3	0
19-3(14.0)	162.1	0.5	0.4	0
20-2(14.0)	169.6	0.4	0.3	1
20-3(14.0)	171.1	0.4	0.4	0
20-4(13.0)	172.6	0.5	0.4	0
20-4(66.0)	173.2	0.2	0.2	0
20-5(4.0)	174.0	0.6	0.5	1
20-5(136.0)	175.4	0.3	0.2	1
20-6(14.0)	175.6	0.7	0.3	3
21-2(45.0)	179.0	0.6	0.5	1
21-2(139.0)	179.9	0.4	0.3	1
21-3(14.0)	180.1	0.6	0.5	1
21-4(20.0)	181.7	0.6	0.5	1
21-4(142.0)	182.9	0.4	0.3	1
22-1(122.0)	187.2	0.7	0.6	1
22-1(144.0)	187.4	0.4	0.3	1
23-2(14.0)	196.6	0.4	0.3	1
23-3(14.0)	198.1	0.4	0.2	1
24-1(77.0)	204.8	0.6	0.5	1
24-2(42.0)	205.9	0.5	0.3	2
24-2(143.0)	206.9	0.6	0.4	2
24-3(14.0)	207.1	0.6	0.5	1
25-1(14.0)	211.1	0.6	0.5	2
25-2(14.0)	212.6	0.4	0.4	0
25-3(14.0)	214.1	0.5	0.4	1
25-4(14.0)	215.6	0.5	0.4	1
25-5(14.0)	217.1	0.5	0.5	0
26-2(14.0)	222.1	0.4	0.4	1
26-3(50.0)	224.0	0.6	0.6	0
26-3(115.0)	224.7	0.3	0.3	0
27-1(21.0)	230.2	0.8	0.5	3
28-1(44.0)	239.9	1.0	0.4	6
28-2(14.0)	241.1	0.6	0.3	2
28-2(122.0)	242.2	0.3	0.3	1
28-3(14.0)	242.6	0.5	0.5	0
28-4(14.0)	144.1	0.6	0.4	2
28-5(14.0)	245.6	0.6	0.3	2
28-6(14.0)	247.1	0.5	0.4	2
29-2(14.0)	250.6	0.6	0.4	2
29-3(14.0)	252.1	0.8	0.3	4
29-4(14.0)	253.6	0.5	0.4	1

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
29-5(10.0)	255.1	0.8	0.4	3
29-5(94.0)	255.9	0.1	0.1	0
30-2(121.0)	289.7	0.6	0.4	1
30-2(136.0)	289.9	0.6	0.5	1
31-2(64.0)	298.6	0.5	0.4	1
32-1(14.0)	306.1	0.9	0.4	4
32-2(50.0)	308.0	0.4	0.4	1
32-3(55.0)	309.6	0.5	0.3	2
32-3(145.0)	310.5	0.8	0.2	5
33-2(87.0)	317.9	0.6	0.4	2
33-3(62.0)	319.1	0.5	0.4	1
33-4(5.0)	320.1	0.4	0.3	1
33-0(71.0)	314.7	0.7	0.2	4
34-1(39.0)	325.4	0.3	0.2	1
34-2(78.0)	327.3	0.3	0.2	1
34-3(90.0)	328.9	0.3	0.2	1
34-4(65.0)	330.2	0.3	0.1	1
34-5(136.0)	332.4	0.4	0.1	2
34-6(127.0)	333.8	0.3	0.1	1
35-2(109.0)	337.1	0.3	0.2	1
37-1(15.0)	353.7	1.0	0.8	2
37-1(63.0)	354.1	0.3	0.1	1
37-2(56.0	355.6	1.0	0.8	2
37-4(70.0)	358.7	0.3	0.1	1
38-1(45.0)	382.5	0.3	0.1	2
38-1(75.0)	382.8	0.6	0.4	2
39 2(124.0)	394.2	0.5	0.4	1
39-5(60.0)	398.1	0.5	0.4	1
39-5(125.0)	398.8	0.3	0.2	1
39-6(132.0)	400.3	0.2	0.2	0
43-1(84.0)	447.3	0.6	0.5	1
44-2(79.0)	458.3	0.3	0.3	1
44-3(19.0)	459.2	0.6	0.6	1
44-3(134.0)	460.3	0.3	0.3	0
44-4(49.0)	461.0	0.3	0.2	1
44-5(42.0)	462.4	0.5	0.4	1
44-6(72.0)	464.2	0.2	0.1	1
45-1(80.0)	466.3	0.2	0.1	1
46-1(103.0)	497.0	0.3	0.3	1
46-2(80.0)	498.3	0.5	0.5	0
47-1(112.0)	506.6	0.6	0.5	1
47-2(80.0)	507.8	0.6	0.3	2
47-2(80.0)	507.8	3.6	3.4	1
48-1(112.0)	535.1	0.4	0.3	1
48-1(110.0)	535.1	0.3	0.2	1
49-1(92.0)	591.9	0.4	0.3	1
49-1(115.0)	592.2	1.?	1.0	2
50-1(115.0)	630.2	0.4	0.3	1
50-2(4.0)	630.5	1.4	1.2	2
50-3(13.0)	632.1	0.2	0.1	1
51-2(129.0)	660.3	0.7	0.5	1
51-2(141.0)	660.4	0.5	0.4	1
52-1(63.0)	686.6	0.7	0.6	1
52-2(133.0)	688.8	0.3	0.1	1
53-1(63.0)	716.6	0.2	0.1	1
53-2(33.0)	717.8	1.0	0.9	1
54 1(88.0)	742.9	0.4	0.1	2
54-1(110.0)	743.1	0.4	0.1	3

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
54-1(141.0)	743.4	8.8	0.1	73
54-2(110.0)	744.6	0.2	0.1	1
54-3(142.0)	746.4	8.2	0.1	68
54-4(90.0)	747.4	0.3	0.1	2
54-5(85.0)	748.9	0.2	0.1	1
57-1(125.0)	769.3	0.3	0.1	1
57-1(145.0)	769.5	0.2	0.1	1
Site 179				
1-1(103.0)	1.0	0.9	0.5	3
1-2(14.0)	1.6	0.8	0.5	3
1-3(13.0)	3.1	0.9	0.5	3
2-1(12 0)	3.6	0.7	0.4	2
2-2(20.0)	5.2	0.8	0.4	3
2-3(5.0)	6.6	0.8	0.4	3
2-4(15.0)	8.2	0.7	0.3	3
2-5(55.0)	10.1	0.7	0.6	1
3-1(15.0)	13.2	0.3	0.2	1
3-1(7.0)	14.6	0.5	0.4	1
3-3(38.0)	16.4	0.5	0.4	1
3-4(13.0)	17.6	0.6	0.3	2
3-6(24.0)	20.7	0.4	0.3	1
3-5(24.0)	0.4			
4-2(8.0)	24.1	0.3	0.2	0
4-3(12.0)	25.6	0.6	0.5	0
4-4(7.0)	27.1	0.6	0.4	2
5-1(65.0)	32.7	1.4	0.3	9
5-2(13.0)	33.6	1.6	0.3	11
5-3(7.0)	35.1	3.3	0.2	26
5-4(65.0)	37.2	4.0	0.3	31
5-5(8.0)	38.1	2.3	0.2	18
5-6(7.0)	39.6	0.4	0.3	1
6-2(8.0)	43.1	0.5	0.4	1
7-1(36.0)	51.4	0.4	0.4	0
7-2(6.0)	52.6	0.5	0.4	1
7-3(10.0)	54.1	0.5	0.4	1
7-4(20.0)	55.7	0.3	0.2	0
7-5(83.0)	57.8	0.3	0.2	1
8-2(14.0)	62.1	0.4	0.3	1
8-3(13.0)	63.6	0.3	0.2	1
8-4(40.0)	65.4	0.3	0.3	0
8-5(8.0)	66.6	0.4	0.3	1
8-6(109.0)	69.1	0.3	0.2	1
9-1(88.0)	70.9	0.2	0.1	1
9-2(37.0)	71.9	0.2	0.2	0
9-3(18.0)	73.2	0.2	0.1	1
9-5(44.0)	76.4	0.2	0.1	0
9-6(20.0)	77.7	0.3	0.2	1
10-2(120.0)	82.2	0.2	0.1	1
10-3(5.0)	82.6	0.2	0.2	0
10-4(15.0)	84.2	0.2	0.1	1
11-1(62.0)	89.6	0.1	0.0	1
11-2(108.0)	91.6	0.1	0.0	1
11-3(21.0)	92.2	0.1	0.0	1
11-4(28.0)	93.8	0.1	0.0	1
Site 180				
1-1(92.0)	0.9	0.7	0.4	2
1-2(14.0)	1.6	0.8	0.6	2
1-3(14.0)	3.1	1.0	0.6	3

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
2-2(14.0)	11.1	0.9	0.5	3
2-3(14.0)	12.6	1.0	0.4	5
2-4(14.0)	14.1	1.0	0.5	4
3-1(68.0)	19.7	1.2	0.7	4
4-2(14.0)	30.1	1.2	0.8	3
4-3(13.0)	31.6	1.0	0.6	3
5-1(117.0)	39.2	0.9	0.4	4
5-2(85.0)	40.4	1.2	0.7	4
5-3(14.0)	41.1	1.4	1.1	3
5-3(45.0)	41.5	1.1	0.6	5
5-4(14.0)	42.6	1.4	1.1	2
6-1(126.0)	48.8	1.0	0.7	3
7-1(73.0)	57.7	0.8	0.5	2
8-1(125.0)	67.8	0.8	0.6	2
8-2(14.0)	68.1	0.7	0.5	1
8-3(14.0)	69.6	0.8	0.6	2
8-4(14.0)	71.1	0.8	0.6	2
8-5(14.0)	72.6	0.8	0.7	1
9-1(138.0)	77.4	0.8	0.6	2
12-1(14.0)	147.6	0.8	0.6	1
12-2(14.0)	149.1	0.8	0.6	1
12-2(114.0)	150.1	0.9	0.4	5
15-2(14.0)	244.1	0.8	0.6	2
15-3(43.0)	245.9	0.9	0.7	2
16-1(90.0)	252.9	0.7	0.5	2
17-1(14.0)	261.6	0.8	0.5	2
17-2(10.0)	263.1	0.9	0.4	4
17-3(10.0)	264.6	0.6	0.5	1
17-4(14.0)	266.1	0.8	0.5	2
18-1(58.0)	271.6	0.7	0.5	2
18-2(14.0)	272.6	0.7	0.5	2
18-3(27.0)	274.3	0.6	0.5	1
18-4(14.0)	275.6	0.6	0.5	1
19-1(36.0)	347.4	0.7	0.6	2
19-2(50.0)	349.0	0.8	0.5	2
20-1(83.0)	414.3	1.0	0.7	2
20-2(32.0)	415.3	0.8	0.5	2
20-3(14.0)	416.6	0.8	0.5	3
20-4(16.0)	418.2	1.0	0.7	2
20-4(89.0)	418.9	0.7	0.6	1
20-5(128.0)	420.8	0.9	0.5	3
21-1(65.0)	423.7	0.8	0.5	2
21-2(14.0)	424.6	0.8	0.5	2
21-3(14.0)	426.1	0.8	0.4	3
21-4(14.0)	427.6	0.8	0.5	3
21 5(14.0)	429.1	0.8	0.5	2
21-6(14.0)	430.6	0.9	0.4	5
23-1(98.0)	443.0	1.0	0.7	3
23-3(14.0)	445.1	0.9	0.4	4
23-4(14.0)	446.6	0.8	0.5	3
24-1(50.0)	452.0	1.0	0.8	1
24-2(14.0)	453.1	0.9	0.6	2
24-3(12.0)	454.6	0.9	0.8	1
24-4(14.0)	456.1	0.9	0.8	1
25-1(100.0	462.0	0.8	0.6	2

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
Site 181				
1-1(26.0)	0.3	0.4	0.2	2
1-3(22.0)	3.2	0.9	0.6	3
1-4(17.0)	4.7	1.5	0.5	8
1-5(84.0)	6.8	0.8	0.5	2
1-6(66.0)	8.2	0.9	0.6	
1-6(66.0)				
2-1(15.0)	9.2	0.7	0.4	2
2-2(16.0)	10.7	0.7	0.4	2
2-3(15.0)	12.2	1.0	0.6	3
2-4(16.0)	13.7	0.9	0.6	3
2-5(14.0)	15.1	0.8	0.5	3
2 6(18.0)	16.7	0.9	0.6	3
3-1(95.0)	19.5	0.7	0.6	1
3-2(13.0)	20.1	0.6	0.4	1
3-3(15.0)	21.7	0.6	0.4	1
3-4(17.0)	23.2	0.6	0.5	1
4-2(17.0)	29.7	0.7	0.5	1
4-3(16.0)	31.2	0.8	0.6	2
5-1(84.0)	38.3	0.7	0.5	1
5-2(53.0)	39.5	0.7	0.5	1
5-3(16.0)	40.7	0.8	0.6	1
6-1(58.0)	57.6	0.8	0.6	2
6-2(13.0)	48.6	0.8	0.6	2
6-3(10.0)	50.1	0.8	0.6	1
7-1(16.0)	56.7	0.7	0.5	1
7-2(20.0)	48.2	0.5	0.4	1
7-3(15.0)	59.7	0.6	0.4	1
8-1(105.0)	67.7	0.8	0.6	2
8-2(12.0)	68.2	0.8	0.6	2
8-3(10.0)	69.7	0.8	0.6	1
8-4(10.0)	71.2	0.8	0.6	2
8-5(10.0)	72.7	0.8	0.6	1
9-1(66.0)	76.2	0.8	0.5	2
9-2(11.0)	77.1	0.7	0.5	2
9-3(105.0)	79.6	0.9	0.7	2
9-4(15.0)	80.2	1.0	0.7	2
11-1(85.0)	95.4	0.8	0.6	2
12-1(11.0)	104.1	0.8	0.6	2
12-2(8.0)	105.6	0.8	0.5	2
12-3(10.0)	107.1	0.9	0.6	2
13-1(12.0)	113.6	0.9	0.7	2
13-2(10.0)	115.1	0.7	0.6	1
13-3(30.0)	116.8	0.8	0.6	2
13-4(15.0)	118.2	0.8	0.5	2
13-5(16.0)	119.7	0.8	0.6	2
13-6(10.0)	121.1	0.9	0.6	2
14-1(108.0)	124.1	0.7	0.5	2
14-2(12.0)	124.6	0.8	0.6	2
15-1(108.0)	133.6	0.9	0.6	2
15-2(10.0)	134.1	0.8	0.6	1
15-3(10.0)	135.6	0.9	0.6	2
15-4(10.0)	137.1	0.8	0.6	2
15-5(15.0)	138.7	0.8	0.6	2
16-1(0.0)	142.0	0.8	0.6	2

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
17-2(14.0)	153.1	0.6	0.4	2
17-3(86.0)	155.4	0.8	0.6	1
17-4(10.0)	156.1	1.0	0.9	1
17-5(12.0)	157.6	1.0	0.8	1
17-6(15.0)	159.2	0.9	0.8	1
18-2(10.0)	162.6	0.8	0.6	2
18-3(10.0)	164.1	0.7	0.5	2
18-4(8.0)	165.6	0.7	0.5	1
19-1(110.0)	170.1	0.5	0.5	0
20-1(0.0)	177.0	0.6	0.5	1
22-1(125.0)	197.3	0.5	0.4	1
23-1(110.0)	206.6	0.5	0.4	1
24-1(75.0)	215.8	0.5	0.4	1
24-1(82.0)	215.8	0.6	0.4	1
24-1(96.0)	216.0	0.5	0.4	1
25-1(88.0)	225.4	0.8	0.4	3
25-2(10.0)	226.1	0.6	0.5	1

TABLE 1 – *Continued*

Core, Section Top of Interval (cm)	Depth in Hole (m)	Carbon Total (%)	Organic Carbon (%)	$CaCO_3$ (%)
25-2(30.0)	226.3	0.6	0.5	1
26-1(83.0)	234.8	0.6	0.5	1
27-1(102.0)	276.0	0.7	0.5	2
27-2(89.0)	277.4	0.7	0.5	1
28-1(120.0)	320.7	0.5	0.3	1
28-1(120.0)	320.7	0.7	0.4	2
29-1(190.0)	339.4	0.5	0.4	1
29-2(57.0)	339.6	0.5	0.4	1
30-1(40.0)	360.9	0.7	0.5	2
Site 182				
1-5(5.0)	6.1	1.3	0.8	4
1-5(86.0)	6.9	1.1	0.7	4
1 6(52.0)	8.0	1.6	0.7	8
3-1(70.0)	60.2	1.2	0.5	6
3-2(76.0)	61.8	1.2	0.6	4