

APPENDIX III
LEG 8 CARBON-CARBONATE DETERMINATIONS

Two tables are given for carbon-carbonate analyses on Leg 8 samples. Table 1 gives the original carbon-carbonate analysis results, the accuracy of which, owing to a change in personnel operating the analysis equipment, may not be better than ± 8 per cent, although generally the accuracy is considered to be better than 5 per cent. Also shown on Table 1 for comparison are shipboard estimates of carbonate content based on smear slide examination. It should be

realized, however, the smear slide intervals are in most cases different from those of the laboratory analysis samples.

A few cores were resampled at a later date and results of the restudy analyses are presented in Table 2. The accuracy of these results is estimated to be ± 2.5 per cent.

TABLE 1

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
68	1	3	25.0	0.2	0.2	0.0	0
68	2	1	66.0	0.2	0.3	0.0	0
68	2	5	140.0	0.1	0.3	0.0	0
69	2	1	12.0	1.6	0.3	10.9	10
69	2	2	14.0	2.0	0.2	14.4	1
69	2	3	30.0	0.9	0.2	5.8	0
69	2	4	28.0	1.0	0.3	6.1	0
69	2	5	23.0	2.8	0.2	21.9	0
69	2	6	14.0	3.3	0.2	26.2	0
69	3	1	31.0	2.6	0.2	19.7	20-30
69	3	2	20.0	3.0	0.1	23.5	0
69	3	3	20.0	0.4	0.2	1.2	0
69	3	4	13.0	1.1	0.1	7.7	0-5
69	3	5	20.0	0.2	0.1	0.7	0
69	3	6	7.0	6.8	0.1	55.5	40-60
69	4	1	8.0	9.4	0.0	78.0	70-80
69	4	3	7.0	2.8	0.0	22.8	70-80
69	4	4	7.0	8.5	0.2	69.2	70-80
69	4	5	7.0	5.6	0.1	46.2	70-80
69	4	6	9.0	5.2	0.2	41.5	70-80
69	5	1	5.0	3.2	0.2	24.9	55-85
69	5	2	8.0	3.4	0.2	27.0	55-85
69	5	3	20.0	2.7	0.3	20.4	55-85
69	5	4	12.0	8.7	0.0	72.9	55-85
69	5	5	12.0	7.6	0.0	63.0	55-85

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
69	5	6	18.0	8.0	0.1	65.8	55-85
69	6	1	7.0	0.0	0.1	0.0	0
69	6	2	9.0	0.0	0.0	0.0	0
69	6	3	9.0	0.0	0.0	0.0	0
69	6	4	10.0	0.0	0.0	0.0	0
69	6	5	9.0	0.0	0.1	0.0	0
69	6	6	9.0	0.0	0.0	0.0	0
69A	1	1	7.0	8.0	0.1	66.0	75-80
69A	1	2	39.0	7.0	0.0	58.3	80
69A	1	3	12.0	7.0	0.0	58.0	80
69A	1	4	16.0	8.3	0.0	69.1	80
69A	1	5	15.0	9.1	0.0	75.7	80
69A	1	6	21.0	7.0	0.0	58.3	80
69A	2	1	7.0	5.2	0.1	42.4	70-80
69A	2	2	6.0	5.9	0.1	48.6	70-80
69A	2	3	11.0	8.1	0.4	63.5	70-80
69A	2	4	6.0	7.2	0.1	59.0	70-80
69A	2	5	13.0	9.0	0.0	75.0	70-80
69A	2	6	7.0	7.4	0.1	60.8	70-80
69A	3	2	12.0	8.8	0.1	72.7	75-95
69A	3	3	14.0	8.0	0.1	66.3	75-95
69A	3	4	9.0	9.0	0.1	74.3	75-95
69A	3	5	29.0	6.8	0.0	56.6	75-95
69A	4	1	7.0	9.8	0.0	81.3	90
69A	4	2	6.0	9.3	0.0	77.7	90
69A	4	5	6.0	10.0	0.1	82.8	90
69A	4	6	21.0	9.7	0.0	80.6	90
69A	5	1	20.0	9.1	0.0	76.0	90
69A	5	2	7.0	9.2	0.0	76.4	90
69A	5	3	6.0	9.0	0.0	75.1	90
69A	5	4	6.0	9.6	0.0	79.6	90
69A	5	6	7.0	8.9	0.0	74.3	90
69A	6	1	58.0	5.8	0.0	48.3	85-90
69A	6	2	4.0	8.9	0.1	73.1	85-90
69A	6	3	91.0	6.6	0.0	54.8	85-90
69A	6	6	19.0	8.1	0.0	67.6	85-90
69A	7	2	9.0	7.0	0.0	58.6	90
69A	7	3	71.0	6.0	0.0	50.0	90

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
69A	8	1	81.0	5.9	0.0	48.8	40-60
69A	8	2	6.0	7.0	0.0	58.6	40-60
69A	8	3	115.0	6.4	0.0	53.1	40-60
69A	8	4	7.0	5.4	0.0	45.0	40-60
69A	8	5	110.0	7.0	0.0	58.1	40-60
69A	8	6	14.0	6.6	0.0	54.8	40-60
69A	9	1	10.0	0.0	0.0	0.0	0
69A	9	2	4.0	0.0	0.0	0.0	0
69A	9	3	10.0	0.0	0.0	0.0	0
69A	9	4	14.0	0.0	0.0	0.1	0
69A	9	5	12.0	0.0	0.1	0.0	0
69A	10	2	74.0	0.0	0.1	0.0	0
69A	10	3	9.0	0.1	0.2	0.0	0
69A	10	4	9.0	0.0	0.2	0.0	0
69A	10	5	2.0	0.1	0.2	0.0	0
69A	10	6	9.0	0.0	0.0	0.0	0
69A	11	1	5.0	0.0	0.1	0.0	0
69A	11	2	9.0	0.0	0.1	0.0	0
69A	11	3	4.0	0.1	0.2	0.0	0
69A	11	4	3.0	0.0	0.2	0.0	0
69A	11	5	8.0	0.0	0.1	0.0	0
69A	11	6	6.0	0.0	0.1	0.0	0
70	1	2	6.0	0.3	0.3	0.0	0
70	1	3	5.0	0.2	0.3	0.0	0
70	1	5	14.0	0.3	0.2	0.5	0
70	1	6	18.0	0.2	0.3	0.0	0
70	2	2	4.0	2.9	0.1	23.0	0
70	3	1	27.0	0.1	0.2	0.0	0
70	3	2	6.0	0.2	0.2	0.5	0
70	3	3	15.0	6.5	0.1	53.2	60
70	3	4	2.0	6.1	0.2	49.1	70
70	3	5	10.0	8.0	0.1	66.2	80
70	3	6	12.0	4.0	0.1	32.9	30
70	4	1	10.0	8.0	0.0	66.8	90
70	4	2	11.0	4.8	0.0	39.7	65
70	4	3	9.0	6.8	0.0	56.5	70
70	4	4	3.0	6.9	0.0	57.5	70
70	4	5	2.0	6.2	0.0	51.9	60

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
70	5	1	3.0	7.2	0.0	59.5	70
70	5	2	29.0	9.1	0.0	75.9	55
70	5	3	6.0	5.9	0.0	48.7	55
70	5	4	31.0	0.0	0.1	0.0	0
70	5	5	17.0	4.2	0.1	33.8	0
70	5	6	15.0	4.6	0.0	37.8	0 or 60
70	6	1	5.0	3.3	0.0	27.2	10
70	6	2	30.0	9.6	0.0	80.0	80
70	6	3	16.0	9.3	0.0	77.4	75
70	6	4	3.0	10.9	0.0	90.7	75
70	6	5	20.0	10.4	0.0	86.4	75
70	6	6	10.0	10.3	0.0	86.0	80
70	7	1	8.0	8.9	0.0	74.4	75
70	7	2	10.0	10.7	0.0	89.3	80
70	7	3	2.0	9.5	0.0	79.1	50-95
70	7	4	3.0	11.1	0.0	92.3	80
70	7	5	10.0	9.4	0.0	78.3	70
70	7	6	2.0	10.0	0.0	83.1	70
70	8	1	4.0	8.9	0.0	74.0	70
70	8	2	10.0	10.3	0.0	86.0	85
70	8	3	2.0	10.5	0.0	87.6	85
70	8	4	2.0	10.7	0.0	89.0	80
70	8	5	2.0	10.3	0.0	86.2	80
70	8	6	2.0	10.0	0.0	83.4	80
70	9	5	30.0	9.4	0.0	78.3	60
70	10	1	2.0	10.5	0.0	87.6	80
70	10	3	70.0	10.1	0.0	84.5	80
70	10	4	1.0	9.8	0.0	81.8	80
70	10	5	3.0	10.0	0.0	83.5	70
70	10	6	2.0	9.7	0.0	80.5	70
70	11	5	14.0	11.9	0.0	99.0	95
70	11	6	18.0	10.4	0.0	85.6	100
70	12	2	2.0	10.1	0.0	84.3	80
70	12	3	2.0	10.8	0.0	90.3	80
70	12	4	2.0	10.1	0.0	84.0	95
70	12	5	3.0	9.0	0.0	75.3	50
70A	1	2	13.0	9.7	0.0	81.1	70
70A	1	3	3.0	9.6	0.0	80.1	80

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
70A	1	4	3.0	9.6	0.0	79.8	80
70A	1	5	2.0	5.6	0.0	46.3	90
70A	1	6	3.0	8.5	0.0	70.8	80
70A	2	1	15.0	9.2	0.0	76.3	95
70A	2	2	7.0	5.2	0.0	43.5	95
70A	2	3	2.0	9.0	0.0	75.3	90
70A	2	4	2.0	9.3	0.0	77.1	80
70A	2	5	23.0	8.7	0.0	72.3	85
70A	2	6	2.0	9.2	0.0	77.0	80
70A	4	2	120.0	8.5	0.0	71.0	60
70A	4	3	2.0	10.1	0.0	84.1	80
70A	4	4	2.0	8.4	0.1	69.3	80
70A	4	5	10.0	9.9	0.0	82.1	80
70A	4	6	3.0	9.8	0.0	82.0	70
70A	5	6	10.0	9.1	0.0	76.0	70
70A	6	1	70.0	10.2	0.1	84.4	80
70A	6	4	9.0	0.0	0.0	0.0	65
70A	6	5	9.0	8.4	0.0	70.0	75
70A	6	6	9.0	10.0	0.0	83.0	70
70A	7	2	2.0	10.0	0.1	82.7	75
70A	7	4	9.0	9.8	0.2	80.5	75
70A	7	5	9.0	9.6	0.1	79.4	75
70A	8	2	9.0	9.3	0.1	76.2	75
70A	8	4	14.0	9.8	0.0	81.5	70
70A	8	5	9.0	10.0	0.0	83.1	80
70A	8	6	9.0	10.4	0.0	86.4	75
70A	9	2	2.0	10.2	0.0	85.0	85
70A	9	3	5.0	9.6	0.1	79.5	85
70A	9	4	4.0	9.9	0.0	82.6	85
70A	10	1	128.0	10.2	0.0	84.8	85
70A	10	2	5.0	9.8	0.0	81.6	70
70A	10	4	4.0	9.7	0.0	80.6	85
70A	10	5	3.0	9.3	0.0	77.8	90
70A	11	2	2.0	10.1	0.0	84.3	70
70A	11	3	3.0	10.0	0.0	83.3	70
70A	11	4	5.0	10.3	0.0	86.0	75
70A	11	5	9.0	9.9	0.0	82.5	80
70A	12	1	9.0	10.0	0.0	83.0	75
70A	12	2	9.0	9.9	0.0	82.3	80

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
70A	12	3	9.0	9.9	0.0	82.3	75
70A	12	4	9.0	10.0	0.0	83.5	70
70A	13	2	10.0	10.1	0.0	83.8	90
70A	13	4	3.0	9.6	0.0	80.0	85
70A	14	2	10.0	9.6	0.0	80.1	80
70A	14	3	3.0	9.3	0.4	73.9	85
70A	15	1	81.0	10.0	0.0	83.3	85
70A	15	2	7.0	10.0	0.0	83.0	85
70A	15	3	3.0	10.1	0.0	84.1	95
70A	15	4	20.0	9.2	0.0	76.3	95
70A	16	1	90.0	10.4	0.0	86.6	85
70A	16	2	120.0	11.3	0.0	94.1	85
70A	16	3	20.0	10.7	0.0	89.1	95
70A	17	1	120.0	11.0	0.0	91.9	80
70A	17	2	9.0	10.3	0.0	85.5	95
70A	17	3	9.0	9.7	0.0	80.8	95
70A	17	4	9.0	10.0	0.0	83.0	95
70A	18	1	9.0	8.1	0.0	67.6	85
70A	18	2	9.0	10.8	0.0	90.0	85
70A	19	1	126.0	8.2	0.0	68.3	85
70A	19	2	9.0	7.4	0.0	62.0	75
70A	19	3	9.0	7.3	0.0	60.5	70
70A	21	1	90.0	9.5	0.0	79.0	75
70A	22	2	9.0	9.1	0.0	75.6	70
70A	22	3	9.0	9.1	0.0	76.1	70
70A	23	1	60.0	9.1	0.0	75.6	85
70A	23	2	9.0	9.5	0.0	79.1	75
70A	24	1	88.0	10.0	0.0	83.3	90
70A	24	2	9.0	9.8	0.4	78.8	95
70A	24	3	9.0	9.8	0.0	81.3	90
70A	25	1	129.0	9.6	0.0	80.3	75
70A	25	2	9.0	8.3	0.0	69.5	80
70A	25	3	9.0	8.2	0.0	68.3	75
70A	27	1	110.0	9.8	0.0	81.3	70
70A	27	2	10.0	8.9	0.0	73.9	90
70A	27	2	124.0	0.0	0.0	0.0	0
70A	27	3	9.0	0.0	0.0	0.0	0
70A	28	1	9.0	0.0	0.0	0.0	0

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
71	1	1	22.0	10.0	0.0	82.9	90
71	1	1	30.0	4.8	0.0	39.7	40
71	1	2	90.0	9.6	0.0	79.6	—
71	1	2	140.0	7.5	0.0	62.8	—
71	1	5	40.0	9.5	0.0	78.8	—
71	2	1	63.0	9.1	0.0	76.1	80
71	2	1	70.0	9.6	0.0	80.1	30
71	2	1	86.0	9.8	0.0	81.5	90
71	2	1	113.0	8.5	0.0	70.5	40
71	2	4	23.0	5.3	0.0	44.3	50
71	2	4	72.0	4.6	0.0	38.3	20
71	2	5	14.0	5.6	0.0	46.6	40
71	2	5	30.0	4.3	0.0	35.5	40
71	2	5	58.0	6.7	0.0	56.1	—
71	2	5	144.0	5.5	0.0	46.0	80
71	3	1	34.0	8.0	0.0	67.0	90
71	3	2	25.0	7.7	0.0	64.3	—
71	3	3	20.0	8.9	0.0	74.5	—
71	3	4	15.0	5.4	0.0	45.1	—
71	3	5	30.0	6.0	0.0	50.3	—
71	4	1	34.0	4.3	0.0	35.9	40
71	4	2	8.0	9.7	0.0	80.5	60
71	4	3	25.0	8.7	0.0	72.7	70
71	4	4	28.0	7.3	0.0	60.5	—
71	4	5	19.0	9.4	0.0	78.0	90
71	5	4	14.0	10.4	0.0	86.5	80
71	5	5	29.0	8.3	0.0	69.4	80
71	5	6	38.0	9.4	0.0	78.0	50
71	6	1	30.0	10.2	0.0	85.0	85
71	6	3	30.0	9.8	0.0	82.0	85
71	6	4	15.0	9.8	0.0	81.6	90
71	6	5	22.0	10.3	0.0	86.0	85
71	7	1	14.0	9.2	0.0	76.8	80
71	6	2	10.0	9.1	0.0	75.5	80
71	7	3	5.0	9.7	0.0	80.8	80
71	7	4	5.0	9.3	0.0	77.7	80
71	7	5	5.0	6.8	0.0	56.8	70
71	7	6	7.0	9.4	0.0	78.0	80
71	8	1	26.0	7.2	0.0	59.6	60-70

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
71	8	2	10.0	7.9	0.0	65.8	70
71	8	5	10.0	9.6	0.0	80.0	80
71	9	1	14.0	9.3	0.0	77.6	80
71	9	2	9.0	9.6	0.0	79.6	80
71	9	3	9.0	9.3	0.0	77.5	80
71	9	4	9.0	9.2	0.1	76.1	75
71	9	5	9.0	8.9	0.0	74.0	75
71	10	1	9.0	10.3	0.0	86.1	80
71	10	2	9.0	9.6	0.1	79.4	75
71	10	3	9.0	10.0	0.0	83.6	70
71	10	4	15.0	10.2	0.0	85.0	70
71	10	5	8.0	9.8	0.3	79.5	70-90
71	10	6	9.0	10.4	0.0	86.3	70-90
71	11	3	50.0	10.2	0.0	84.8	70-90
71	11	4	9.0	10.1	0.0	84.3	70-90
71	11	5	3.0	8.6	0.0	71.5	70-90
71	12	1	9.0	11.1	0.0	92.1	70-90
71	12	2	9.0	11.0	0.0	91.6	70-90
71	12	4	9.0	10.5	0.0	87.6	70-90
71	12	5	9.0	10.6	0.0	88.6	70-90
71	13	1	9.0	10.8	0.0	90.0	70-90
71	13	3	9.0	10.8	0.0	90.0	70-90
71	13	5	9.0	10.3	0.0	85.8	70-90
71	14	1	9.0	10.4	0.0	86.8	70-90
71	14	3	9.0	10.2	0.0	85.1	70-90
71	14	5	9.0	8.8	0.0	73.6	70-90
71	15	1	9.0	10.4	0.0	86.6	70-90
71	15	5	9.0	0.1	0.0	0.9	70-90
71	16	1	50.0	10.4	0.0	86.6	70-90
71	16	2	68.0	10.2	1.1	75.5	70-90
71	17	3	29.0	10.6	0.0	88.6	70-90
71	17	4	9.0	11.0	0.0	92.0	70-90
71	17	5	9.0	10.4	0.0	86.4	70-90
71	17	6	20.0	11.0	0.0	91.3	70-90
71	18	2	100.0	10.3	0.0	85.6	70-90
71	18	3	29.0	10.7	0.0	89.1	70-90
71	18	4	9.0	10.6	0.0	88.3	70-90
71	18	5	9.0	11.0	0.0	91.8	70-90
71	19	1	74.0	9.8	0.0	81.6	70-90

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
71	19	2	39.0	9.1	0.0	76.0	70-90
71	19	5	5.0	10.0	0.0	83.6	70-90
71	20	2	19.0	10.1	0.0	84.5	70-90
71	20	4	6.0	10.6	0.0	88.3	70-90
71	20	6	9.0	10.5	0.0	87.6	70-90
71	21	2	14.0	9.8	0.0	82.0	70-90
71	21	4	22.0	10.0	0.0	83.3	70-90
71	21	6	5.0	10.0	0.0	83.5	70-90
71	22	3	26.0	9.9	0.0	82.6	70-90
71	22	4	9.0	9.4	0.0	78.5	70-90
71	22	6	9.0	10.1	0.0	83.8	70-90
71	23	3	9.0	10.5	0.0	87.5	70-90
71	23	4	9.0	9.8	0.0	81.5	70-90
71	23	6	4.0	8.6	0.0	71.6	70-90
71	24	3	9.0	9.0	0.0	74.6	70-90
71	24	4	9.0	8.9	0.0	73.8	70-90
71	24	6	9.0	8.4	0.0	70.3	70-90
71	25	3	9.0	10.0	0.0	83.6	70-90
71	25	5	9.0	9.5	0.0	79.1	70-90
71	26	2	15.0	10.1	0.0	83.8	70-90
71	26	4	9.0	10.0	0.0	83.0	70-90
71	26	6	9.0	9.9	0.0	82.3	70-90
71	28	2	10.0	10.3	0.0	85.6	80-90
71	28	4	9.0	10.3	0.0	86.1	80-90
71	28	6	9.0	10.5	0.0	87.6	80-90
71	29	1	9.0	9.9	0.0	82.8	80-90
71	29	3	9.0	10.8	0.0	90.3	80-90
71	29	5	9.0	10.7	0.0	89.0	80-90
71	30	2	9.0	10.7	0.0	89.0	80-90
71	30	4	9.0	10.4	0.0	87.0	80-90
71	30	6	9.0	10.8	0.0	90.3	80-90
71	31	2	19.0	10.5	0.0	87.3	80-90
71	31	4	9.0	10.9	0.0	91.0	80-90
71	31	6	9.0	10.7	0.0	89.3	80-90
71	32	2	9.0	10.6	0.0	88.3	80-90
71	32	4	9.0	10.5	0.0	87.3	80-90
71	32	6	9.0	10.5	0.0	87.8	80-90
71	33	5	10.0	10.7	0.0	89.0	80-90
71	33	6	6.0	11.0	0.0	91.3	80-90

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
71	34	2	40.0	10.4	0.0	86.5	80-90
71	34	4	15.0	10.6	0.0	88.1	80-90
71	34	6	9.0	10.2	0.0	85.1	80-90
71	35	2	9.0	9.0	0.0	75.0	80-90
71	35	4	9.0	10.5	0.0	87.3	80-90
71	35	6	9.0	10.1	0.0	84.1	80-90
71	36	2	9.0	9.8	0.0	81.3	80-90
71	36	4	9.0	10.3	0.0	85.5	80-90
71	36	6	9.0	6.8	0.0	56.4	80-90
71	38	1	9.0	10.8	0.0	90.0	80-90
71	38	2	9.0	10.2	0.0	84.7	80-90
71	38	4	20.0	10.4	0.0	86.3	80-90
71	38	6	5.0	10.9	0.0	90.6	80-90
71	39	2	9.0	10.8	0.0	90.1	80-90
71	40	1	39.0	10.3	0.1	85.1	80-90
71	40	2	9.0	11.3	0.0	93.8	80-90
71	40	3	9.0	10.5	0.0	87.1	80-90
71	40	4	10.0	10.4	0.0	87.0	80-90
71	40	5	9.0	10.8	0.0	89.8	80-90
71	40	6	9.0	10.3	0.0	85.8	80-90
71	42	1	9.0	10.6	0.0	88.5	80-90
71	42	2	9.0	10.5	0.0	87.8	80-90
71	42	3	9.0	10.6	0.0	88.3	80-90
71	42	4	9.0	10.7	0.0	89.3	80-90
71	42	5	9.0	11.0	0.0	91.9	80-90
71	42	6	9.0	10.4	0.0	86.6	80-90
71	43	2	9.0	10.4	0.0	86.8	80-90
71	43	3	9.0	10.5	0.0	87.5	80-90
71	44	1	10.0	9.8	0.0	81.6	80-90
71	44	2	10.0	10.5	0.0	87.9	80-90
71	44	3	9.0	10.7	0.0	89.0	80-90
71	44	4	9.0	11.1	0.0	92.1	80-90
71	44	5	9.0	10.3	0.0	85.6	80-90
71	44	6	9.0	10.3	0.0	86.1	80-90
71	46	1	49.0	10.5	0.0	87.3	80-90
71	46	2	9.0	10.8	0.0	89.6	80-90
71	46	3	9.0	10.8	0.0	90.2	80-90
71	46	4	9.0	10.9	0.0	90.9	80-90
71	46	5	9.0	10.7	0.0	88.8	80-90

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
71	46	6	9.0	10.7	0.0	89.5	80-90
71	47	2	9.0	10.2	0.0	84.8	80-90
71	47	3	9.0	10.7	0.0	89.1	80-90
71	47	4	9.0	10.4	0.0	86.8	80-90
71	47	5	9.0	10.4	0.0	86.8	80-90
71	48	2	9.0	10.3	0.0	86.0	80-90
71	48	3	9.0	10.5	0.0	87.6	80-90
72	1	1	3.0	9.9	0.0	82.5	90-85
72	1	2	3.0	10.2	0.0	84.6	90-85
72	1	3	2.0	10.2	0.0	85.1	90-85
72	1	5	3.0	9.4	0.0	78.6	90-85
72	1	6	4.0	9.1	0.0	75.5	90-85
72	2	1	110.0	10.1	0.0	84.1	90-85
72	2	2	6.0	8.0	0.0	66.6	90-85
72	2	3	16.0	8.7	0.0	72.5	90-85
72	2	4	8.0	9.4	0.0	78.0	90-85
72	2	5	10.0	9.1	0.0	76.0	90-85
72	3	1	20.0	9.3	0.0	77.5	90-85
72	3	2	28.0	8.6	0.0	71.3	90-85
72	3	3	19.0	8.6	0.0	71.6	90-85
72	3	4	4.0	9.8	0.0	82.0	90-85
72	3	5	13.0	10.1	0.0	84.5	90-85
72	3	6	14.0	9.4	0.0	78.0	90-85
72	4	1	15.0	9.6	0.0	80.3	90-85
72	4	2	3.0	10.2	0.0	85.3	90-85
72	4	3	10.0	9.8	0.0	81.6	90-85
72	4	4	12.0	11.3	0.0	94.0	90-85
72	4	5	4.0	9.9	0.0	82.6	90-85
72	4	6	3.0	9.7	0.0	80.6	90-85
72	5	1	7.0	10.2	0.0	85.3	95
72	5	2	10.0	10.3	0.0	85.8	95
72	5	3	20.0	10.4	0.0	86.8	95
72	5	4	10.0	10.4	0.0	87.0	90-95
72	5	5	13.0	9.6	0.0	80.0	90-95
72	5	6	16.0	10.5	0.0	87.5	90-95
72	6	1	20.0	10.5	0.0	87.1	90-95
72	6	2	6.0	8.7	0.0	72.2	90-95
72	6	3	3.0	10.1	0.0	84.3	90-95

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
72	6	4	10.0	10.4	0.0	86.5	90-95
72	6	5	4.0	10.8	0.0	89.6	90-95
72	6	6	5.0	10.4	0.0	86.6	90-95
72	7	1	2.0	10.7	0.0	89.5	90-95
72	7	2	2.0	10.6	0.0	88.3	90-95
72	7	3	3.0	10.6	0.0	88.3	90-95
72	7	4	12.0	10.7	0.0	89.1	90-95
72	7	5	1.0	10.7	0.0	89.5	90-95
72	7	6	2.0	10.9	0.0	90.5	90-95
72	8	2	25.0	10.1	0.0	84.3	90-95
72	8	5	2.0	10.8	0.0	89.8	90-95
72	8	6	2.0	11.1	0.0	92.5	90-95
72	9	2	3.0	10.4	0.0	86.3	90-95
72	9	3	2.0	10.8	0.0	89.6	90-95
72	9	4	9.0	10.5	0.0	87.6	90-95
72	9	5	2.0	9.2	0.0	76.3	90-95
72	9	6	2.0	9.5	0.0	79.3	90-95
72	10	3	2.0	5.4	0.0	45.0	30
72	10	5	135.0	4.5	0.0	37.5	15
72	10	6	70.0	4.2	0.0	35.2	20
72	11	1	42.0	5.4	0.0	45.0	20
72A	1	1	108.0	10.2	0.1	84.2	60
72A	1	2	2.0	9.9	0.0	82.6	50
72A	1	3	3.0	8.5	0.6	65.5	50
72A	1	4	5.0	10.3	0.1	85.2	20-30
72A	2	1	2.0	10.6	0.0	88.3	20-40
72A	2	2	2.0	8.8	0.0	73.6	20-40
72A	2	3	13.0	9.4	0.0	78.3	20-40
72A	2	3	114.0	9.9	0.0	82.6	20-40
72A	2	4	6.0	8.7	0.0	72.2	20-40
72A	2	5	3.0	9.2	0.0	77.0	20-40
72A	3	1	120.0	9.3	0.0	77.3	20-40
72A	3	2	5.0	10.7	0.0	89.1	20-40
72A	3	3	5.0	9.5	0.1	78.2	20-40
72A	3	4	3.0	10.3	0.0	85.2	20-40
72A	3	5	80.0	10.0	0.2	81.3	20-40
72A	3	6	50.0	9.9	0.1	82.0	20-40
72A	4	1	20.0	7.9	0.0	65.8	20-30

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
72A	4	1	40.0	8.3	0.0	69.3	20-30
72A	4	2	50.0	6.9	0.0	57.1	20-30
72A	4	3	2.0	8.7	0.0	72.7	20-30
72A	4	4	39.0	8.2	0.0	68.4	20-30
72A	4	5	30.0	7.3	0.0	60.4	20-30
72A	4	6	65.0	8.0	0.0	66.5	20-30
72A	5	1	67.0	8.3	0.0	69.1	20-30
72A	5	2	3.0	8.7	0.0	72.6	20-30
72A	5	3	3.0	9.2	0.0	76.9	40
72A	5	4	3.0	9.0	0.0	74.5	45
72A	5	5	3.0	10.0	0.0	83.3	60
72A	5	6	4.0	9.1	0.0	75.6	55
72A	6	1	3.0	12.3	0.0	100.0	65
72A	6	2	115.0	9.9	0.0	82.6	70
72A	6	3	2.0	10.6	0.0	88.0	60
72A	6	4	4.0	10.0	0.0	83.3	65
72A	6	5	5.0	9.1	0.0	75.7	70
72A	6	6	16.0	8.4	0.1	69.2	70
73	1	1	3.0	9.4	0.1	77.4	70-80
73	1	2	80.0	9.4	0.0	78.3	70-80
73	2	1	10.0	9.6	0.0	79.6	60
73	2	1	40.0	8.4	0.0	70.0	60
73	2	2	53.0	0.4	0.0	3.2	60
73	2	2	82.0	10.1	0.0	83.8	60
73	2	3	40.0	9.9	0.0	82.5	75
73	2	4	20.0	9.7	0.0	80.5	80
73	2	4	40.0	9.1	0.0	75.5	80
73	2	5	10.0	9.1	0.0	76.1	80
73	3	1	70.0	6.2	0.0	51.6	45
73	3	2	10.0	5.9	0.0	49.3	80
73	3	3	70.0	9.6	0.0	80.3	80
73	3	3	109.0	7.2	0.0	60.3	55
73	3	4	9.0	9.6	0.0	80.0	60
73	3	4	110.0	8.1	0.0	67.6	79
73	3	5	91.0	9.4	0.0	78.6	80
73	3	6	16.0	8.6	0.0	71.5	80
73	3	6	30.0	8.5	0.0	70.5	80
73	4	1	6.0	8.9	0.0	74.1	85

TABLE 1 – Continued

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
73	4	1	135.0	8.3	0.0	68.8	40
73	4	2	6.0	8.8	0.0	73.1	80
73	4	3	6.0	8.6	0.0	71.5	85
73	4	3	123.0	9.8	0.0	81.9	80
73	4	4	5.0	9.2	0.0	76.5	80
73	4	4	29.0	8.6	0.1	70.8	80
73	4	5	6.0	9.2	0.1	75.8	75
73	4	6	5.0	9.3	0.0	76.8	80
73	5	1	100.0	8.6	0.1	70.4	70
73	5	2	5.0	8.8	0.1	72.9	75
73	5	5	9.0	8.2	0.1	67.5	60
73	5	6	5.0	7.8	0.2	64.0	80
73	6	1	5.0	9.6	0.1	78.5	80
73	6	2	5.0	8.7	0.2	70.9	70
73	6	3	5.0	5.9	0.1	48.4	55
73	6	4	5.0	5.3	0.0	44.0	60
73	6	5	9.0	6.5	0.0	54.3	60
73	6	6	5.0	6.4	0.0	53.3	60
73	7	1	9.0	5.6	0.0	46.6	70
73	7	3	9.0	6.1	0.0	50.6	50
73	7	4	9.0	5.7	0.0	47.1	60
73	7	5	9.0	6.4	0.0	53.2	60
73	7	6	10.0	6.7	0.0	56.0	60
73	7	6	105.0	8.0	0.0	66.6	70
73	8	1	10.0	4.8	0.0	40.2	60
73	8	2	9.0	7.6	0.0	63.3	60
73	8	3	9.0	4.8	0.0	40.0	50
73	8	4	9.0	2.9	0.0	24.0	30
73	8	5	10.0	7.9	0.0	65.5	60
73	8	5	60.0	2.4	0.0	19.9	20
73	8	5	110.0	0.2	0.0	1.3	0
73	8	6	9.0	0.4	0.0	3.4	0-5
73	9	1	80.0	2.3	0.0	19.3	20
73	9	2	10.0	3.2	0.1	25.4	10
73	9	3	10.0	3.3	0.0	27.6	10
73	9	4	3.0	3.1	0.0	26.2	15
73	9	5	10.0	0.5	0.0	4.1	0
73	9	5	55.0	6.5	0.0	53.8	35
73	9	5	100.0	9.1	0.0	75.8	70

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
73	9	6	20.0	8.5	0.0	71.0	70
73	9	6	100.0	10.5	0.0	87.6	95
73	10	1	60.0	8.5	0.0	71.0	80
73	10	2	14.0	8.6	0.0	71.6	90
73	10	3	10.0	9.7	0.0	80.5	80
73	10	4	10.0	9.4	0.0	78.5	80
73	10	5	10.0	9.0	0.0	75.1	80
73	10	6	10.0	8.7	0.0	72.5	80
73	11	1	20.0	9.9	0.0	82.8	80
73	11	2	10.0	10.1	0.0	84.3	80
73	11	3	10.0	9.3	0.0	77.3	80
73	11	4	10.0	9.1	0.0	76.0	80
73	11	5	10.0	9.4	0.0	78.0	80
73	11	6	3.0	9.4	0.0	78.6	80
73	12	1	10.0	9.7	0.0	80.6	80
73	12	2	10.0	10.0	0.0	83.6	80
73	12	3	10.0	10.4	0.0	86.3	80
73	12	4	10.0	10.1	0.0	84.1	80
73	12	5	10.0	10.5	0.0	87.5	80
73	12	6	10.0	10.2	0.0	85.0	80
73	13	1	10.0	10.3	0.0	85.5	80
73	13	2	10.0	10.4	0.0	86.3	80
73	13	3	10.0	10.4	0.0	86.6	80
73	13	4	10.0	10.4	0.0	86.5	80
73	13	5	10.0	10.5	0.0	87.6	80
73	13	6	10.0	10.5	0.0	87.8	80
73	14	1	10.0	10.3	0.0	85.5	80
73	14	2	10.0	10.1	0.0	83.8	80
73	14	3	10.0	10.2	0.0	85.0	80
73	14	4	10.0	10.2	0.0	85.3	80
73	14	5	10.0	10.4	0.0	86.5	80
73	14	6	10.0	10.6	0.0	88.0	80
73	15	1	40.0	10.7	0.0	88.9	80
73	15	2	10.0	10.5	0.0	87.8	80
73	15	3	10.0	10.1	0.0	84.3	80
73	15	4	10.0	10.2	0.0	85.0	80
73	15	5	10.0	10.3	0.0	85.5	80
73	15	6	10.0	10.2	0.0	84.6	80
73	16	1	10.0	10.2	0.0	85.0	80

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
73	16	2	10.0	9.8	0.0	81.6	80
73	16	3	10.0	9.7	0.0	81.0	80
73	16	4	10.0	9.9	0.0	82.7	80
73	16	5	10.0	10.3	0.0	85.5	80
73	16	6	10.0	10.2	0.0	85.3	80
73	17	1	30.0	10.3	0.0	85.8	80
73	17	2	10.0	8.9	0.0	74.1	80
73	17	3	10.0	8.6	0.0	72.0	80
73	17	4	10.0	10.9	0.0	91.0	80
73	17	5	10.0	9.0	0.0	74.6	80
73	17	6	10.0	8.8	0.0	73.0	80
73	18	4	9.0	8.7	0.0	72.1	80
73	18	5	10.0	8.8	0.0	73.0	80
73	18	6	10.0	8.7	0.0	72.6	80
73	19	1	20.0	3.9	0.0	32.2	80
73	19	2	10.0	6.9	0.0	57.6	80
73	19	3	10.0	7.4	0.0	61.7	80
73	19	4	10.0	1.0	0.0	8.0	80
73	19	5	20.0	3.6	0.4	26.5	80
73	19	6	10.0	5.8	1.7	34.5	80
73	20	3	60.0	7.0	0.0	58.3	80
73	20	4	10.0	8.3	0.0	68.8	85
73	20	5	10.0	8.5	0.0	70.7	50-60
73	21	2	15.0	9.0	0.6	70.2	70
74	1	1	49.0	6.1	0.2	48.7	5
74	1	2	10.0	0.0	0.0	0.0	5
74	1	3	10.0	0.0	0.0	0.0	0
74	1	4	10.0	0.0	0.0	0.0	0
74	1	5	10.0	0.1	0.0	0.8	0
74	1	6	10.0	0.0	0.0	0.1	0
74	2	1	60.0	0.0	0.2	0.0	0
74	2	2	10.0	0.0	0.0	0.0	0
74	2	3	10.0	0.0	0.1	0.0	0
74	3	1	70.0	0.0	0.0	0.0	0
74	3	2	10.0	0.1	0.0	0.6	0
74	3	3	10.0	8.7	0.0	72.6	95
74	3	4	9.0	8.9	0.0	74.3	95
74	3	4	10.0	9.6	0.0	79.6	95

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
74	3	5	10.0	7.9	0.0	65.8	95
74	4	1	25.0	0.0	0.0	0.0	95
74	4	1	65.0	9.2	0.0	76.8	95
74	4	2	10.0	9.8	0.0	81.6	95
74	4	3	10.0	10.0	0.0	83.6	95
74	4	4	10.0	10.1	0.0	84.5	95
74	4	5	10.0	9.0	0.0	74.6	95
74	5	1	10.0	10.2	0.0	84.6	95
74	5	2	10.0	9.8	0.0	81.3	95
74	5	3	10.0	9.4	0.0	78.0	95
74	5	4	10.0	9.4	0.0	78.6	95
74	5	5	10.0	9.7	0.0	81.0	95
74	5	6	10.0	9.5	0.0	79.5	95
74	6	1	10.0	9.9	0.0	82.5	95
74	6	2	10.0	9.4	0.0	78.6	95
74	6	3	10.0	10.1	0.0	84.5	95
74	6	4	10.0	7.9	0.0	66.0	95
74	6	5	10.0	8.9	0.0	74.0	95
74	6	6	10.0	9.5	0.0	79.0	95
74	7	1	80.0	9.3	0.0	77.6	95
74	7	2	10.0	9.2	0.0	77.0	95
74	7	3	10.0	9.0	0.0	75.1	95
74	7	4	10.0	9.6	0.0	79.6	95
74	7	5	10.0	7.0	0.0	58.6	95
74	8	2	10.0	9.7	0.0	80.5	95
74	8	3	10.0	9.4	0.0	78.3	95
74	9	1	60.0	9.8	0.0	82.0	95
74	9	2	10.0	9.7	0.0	81.0	95
74	9	3	10.0	8.1	0.0	67.8	95
74	9	4	10.0	9.7	0.0	80.8	95
74	9	5	10.0	9.0	0.0	74.6	95
74	9	6	10.0	9.8	0.0	81.4	95
74	10	1	10.0	9.9	0.0	82.5	95
74	11	2	50.0	9.1	0.0	76.0	95
74	11	2	130.0	9.8	0.0	82.0	95
74	11	2	140.0	0.7	0.0	5.8	20
74	12	1	10.0	4.1	0.0	34.3	20
74	12	2	40.0	5.5	0.0	45.5	30

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
74	12	2	90.0	6.1	0.0	51.1	30
74	12	3	10.0	2.8	0.0	23.1	30
75	1	1	102.0	8.2	0.6	63.2	10
75	1	1	105.0	0.2	0.0	1.3	0
75	1	2	3.0	0.0	0.0	0.0	0
75	1	2	80.0	8.8	0.0	73.4	30
75	1	3	3.0	9.0	0.0	75.3	25
75	1	4	6.0	10.0	0.0	83.5	95
75	1	5	3.0	10.2	0.0	85.3	95
75	2	1	3.0	10.1	0.0	83.8	95
75	2	2	3.0	10.1	0.0	84.1	95
75	2	3	3.0	10.9	0.0	90.5	95
75	2	4	13.0	10.0	0.0	83.3	95
75	2	5	3.0	10.1	0.0	84.3	95
75	3	2	23.0	10.3	0.0	85.5	95
75	3	3	3.0	9.6	0.0	79.6	95
75	3	4	3.0	10.6	0.0	88.6	95
75	3	5	3.0	10.6	0.0	88.2	95
75	3	6	3.0	10.3	0.0	85.5	95
75	4	1	33.0	10.1	0.0	84.3	95
75	4	2	3.0	10.4	0.0	86.5	95
75	4	3	8.0	10.1	0.0	84.1	95
75	4	4	3.0	10.2	0.0	85.0	95
75	4	5	11.0	10.2	0.0	85.1	95
75	4	6	3.0	10.3	0.0	86.1	95
75	5	1	13.0	10.4	0.0	86.6	95
75	5	2	3.0	12.3	0.0	100.0	95
75	5	3	3.0	10.1	0.0	84.5	95
75	5	4	3.0	9.9	0.0	82.5	95
75	5	5	3.0	9.8	0.0	82.0	95
75	5	6	3.0	10.2	0.0	84.6	95
75	7	1	60.0	10.0	0.1	83.0	95-98
75	7	2	30.0	9.7	0.0	80.6	95-98
75	7	3	30.0	9.7	0.0	80.5	95-98
75	7	4	30.0	9.4	0.0	78.4	95-98
75	8	1	3.0	10.2	0.0	85.3	95-98
75	8	3	33.0	10.0	0.0	83.6	95-98
75	8	4	3.0	9.6	0.0	79.8	95-98

TABLE 1 – *Continued*

Hole	Core	Section	Top Interval	Total Carbon	Organic Carbon	Per Cent C-CO ₃	Per Cent CaCO ₃
75	8	5	3.0	9.9	0.0	82.5	95-98
75	8	6	3.0	9.8	0.0	81.3	95-98
75	9	1	20.0	9.6	0.0	80.1	95-98
75	9	2	8.0	9.1	0.0	76.0	40-50
75	9	3	20.0	9.0	0.0	75.1	40
75	9	4	3.0	8.7	0.0	72.5	40
75	9	5	3.0	8.5	0.0	70.8	40
75	9	6	5.0	8.4	0.0	70.3	40

TABLE 2
Leg 8 Restudy

Hole	Core	Section	Interval (cm)	Total Carbon	Organic Carbon	Inorganic Carbon as CaCO ₃
69	3	5	100.0	0.791	0.057	6.1
69	3	6	22.0	8.06	0.063	66.7
69	4	3	20.0	9.01	0.030	74.9
69	4	5	80.0	6.72	0.066	55.5
69	5	1	10.0	3.02	0.047	24.8
69	5	3	20.0	2.98	0.117	23.9
69	6	1	60.0	0.119	0.070	1.0
69A	3	8	144.0	10.1	0.247	81.9
70	4	2	20.0	8.54	0.050	70.8
70	5	5	20.0	0.852	0.076	6.5
70	6	1	20.0	4.17	0.079	31.1
71	2	1	70.0	10.1	0.156	83.1
71	2	5	145.0	6.52	0.252	52.3
71	5	6	40.0	10.4	0.116	85.5
71	12	4	15.0	11.5	0.109	95.1
71	32	2	15.0	11.7	0.124	96.4
72	2	3	20.0	9.64	0.125	79.4
72	8	2	30.0	10.8	0.155	88.7
72	11	1	45.0	7.24	0.037	60.1
72	11	1	100.0	11.3	0.054	93.5
72	11	1	140.0	6.65	0.127	54.1
72A	1	3	70.0	10.2	0.119	84.5
72A	1	4	85.0	9.44	0.246	76.7
72A	2	1	80.0	10.5	0.059	86.9
72A	2	2	92.0	9.42	0.117	77.6
72A	2	4	72.0	10.0	0.031	83.3
72A	3	5	120.0	9.47	0.188	77.4
72A	4	5	90.0	9.94	0.187	81.3
72A	5	1	132.0	9.74	0.251	79.1
72A	6	3	5.0	11.1	0.094	91.5
73	2	1	10.0	10.5	0.267	85.4
73	2	2	53.0	9.75	0.231	79.4
73	3	2	10.0	10.2	0.050	89.5
73	3	6	15.0	10.6	0.145	87.5
73	4	1	135.0	10.2	0.190	83.4
73	8	1	10.0	5.26	0.126	43.7
73	9	3	10.0	4.29	0.094	35.0

TABLE 2 – *Continued*

Hole	Core	Section	Interval (cm)	Total Carbon	Organic Carbon	Inorganic Carbon as CaCO ₃
73	11	6	5.0	11.5	0.076	95.7
73	17	5	15.0	8.99	0.032	74.7
74	11	2	141.0	4.88	0.038	40.4
74	12	2	90.0	7.42	0.000	61.9
75	1	2	80.0	9.20	0.009	76.7
75	1	3	5.0	10.3	0.015	85.4